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Project Site numbers will be proceeded by the following:

- Municipal Brownfields - B
- Superfund - HW
- Spills - SP
- ERP - E
- VCP - V
- BCP - C



ACTS TESTING LABS, INC.

25 Anderson Road  
Buffalo, NY 14225-4928  
Tel (716)897-3300  
Fax (716)897-0876

Technical Report 1-1730E

June 28, 1991  
Page 1 of 2

Mr. Greg Stubbs  
SPAULDING COMPOSITES

SUBJECT:

Analyses of two (2) samples for various parameters. The samples were received on June 6, 1991.

<u>RESULTS:</u>	<u>WELL A</u>	<u>WELL B</u>
pH Units	7.56	7.69
Conductivity, micromhos/cm	2,500	2,650
COD	10.0	5.0 (5.0)*
Total Phenols	0.010	0.005**
Formaldehyde	LT 1.0	LT 1.0
Methanol	LT 10	(1200)
Ethanol	LT 10	(130)
Acetone	LT 0.010	(0.081)
Methyl Ethyl Ketone	LT 0.010	LT 0.010
Butanol	LT 10	LT 10
Toluene	LT 0.001	LT 0.001
Dibutyl Phthalate	LT 0.013	LT 0.013
ButylBenzyl Phthalate	LT 0.013	LT 0.013
Diethylhexyl Phthalate	LT 0.013	LT 0.013
Dioctyl Phthalate	LT 0.013	LT 0.013
Total Halogenated Organics as Lindane	LT 0.001	0.001

VALUES ARE  
SUSPECT. PREVIOUS  
SIX (6) SAMPLING  
EVENTS FROM 12/18/86  
THROUGH 7/27/90  
INDICATED THESE  
COMPOUNDS NOT PRESENT  
OR BDL. NEW LAB  
USED. SEE LAST  
COPY PG - CHAIN OF  
CUSTODY.

\* = Duplicate Result

\*\* = A Distilled Blank of deionized water was analyzed for Phenols. The result was LT 0.001 parts per million (ppm).

LT = Less Than

Results, except pH Units and Conductivity, are reported in milligrams per liter (mg/l) or parts per million (ppm).

Buffalo, New York

Hong Kong

Lille, France



Mr. Greg Stubbs  
SPAULDING COMPOSITES

June 28, 1991  
Technical Report 1-1730E  
Page 2 of 2

EXPERIMENTAL:

The Methanol, Ethanol, Butanol, Acetone, Toluene, and Methyl Ethyl Ketone analyses were conducted according to "Test Methods for the Evaluation of Solid Waste Physical/Chemical Methods," EPA SW-846.

The Total Halogenated Organics (THO'S) were determined using approved New York State Department of Environmental Conservation methodology (Extraction, Concentration, and analysis using Gas Chromatography with Electron Capture Detection).

The Phthalate esters were determined using approved United States Environmental Protection Agency methodology (EPA Method 606: Gas Chromatography with Electron Capture Detection).

The Formaldehyde concentrations were determined colorimetrically based on the reaction of formaldehyde with acetyl acetone in an ammonium acetate buffer solution.

The Phenols were determined according to procedures listed in "Standard Methods for the Examination of Water and Wastewater," 14th Edition, 1975.

The remaining parameters were analyzed according to procedures listed in "Standard Methods for the Examination of Water and Wastewater," 16th Edition, 1985.

ACTS TESTING LABS, INC.

Charles E. Hartke  
Chemistry Laboratory Manager

ACTS TESTING LABS, INC.

Catherine R. Osucha  
Chemistry Laboratory Supervisor

dap

GROUNDWATER MONITORING WELL LOG

WELL PURGE:

WELL A

DATE: 6 / 4 / 91 TIME: 3:12 AM/PM (PM)

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 70 1/2"  
GROUNDWATER ELEVATION: 599.44

VOLUME PURGED: 1 well volume

WELL B

DATE: 6 / 4 / 91 TIME: 3:32 AM/PM (PM)

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 77 1/2"  
GROUNDWATER ELEVATION: 596.44

VOLUME PURGED: 1 well volume

WELL SAMPLE:

WELL A

DATE: 6 / 5 / 91 TIME: 2:34 AM/PM (PM)

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 72 1/4"  
GROUNDWATER ELEVATION: 599.29

WELL B

DATE: 6 / 5 / 91 TIME: 2:52 AM/PM (PM)

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 111"  
GROUNDWATER ELEVATION: 593.65

SAMPLING METHOD: 4" PVC BAILER

SAMPLER: *G. Smith* DATE: 6 / 5 / 91

# CHAIN OF CUSTODY RECORD

No 086

Technical Report No.: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
 Contact: G. Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
A-01	GW Well A	6/5/91	19:32	L Goodremote
A-02	GW Well A	6/5/91	19:32	L Goodremote
A-03	GW Well A	6/5/91	19:32	L Goodremote
A-04	GW Well A	6/5/91	19:32	L Goodremote
A-05	GW Well A	6/5/91	19:32	L Goodremote
A-06	GW Well A	6/5/91	19:32	L Goodremote

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
A-01	VOA/40ml/None	Grab	VOA	clear
A-02	VOA/40ml/None	Grab	VOA	clear
A-03	VOA/40ml/None	Grab	VOA	clear
A-04	VOA/40ml/None	Grab	VOA	clear
A-05	G/1L/H <sub>2</sub> SO <sub>4</sub>	Grab	COD, Phenols	clear
A-06	G/1L/H <sub>2</sub> SO <sub>4</sub>	Grab	COD, Phenols	clear

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) LLOYD GOODREMONTE Organization: SPaulding

Signature: Lloyd Goodremote Date: 6/6/91 Time: 8 AM

Accepted by: (print) EMER K GERBRACH Organization: ACTS Testing Labs Inc.

Signature: Emer K Gerbrach Date: 6-6-91 Time: 8 AM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# CHAIN OF CUSTODY RECORD

No 087

Technical Report No.: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
 Contact: G. Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
A-07	GW Well A	6/5/91	14:34	L Goodremote
A-08	GW Well A	6/5/91	14:34	L Goodremote
B-01	GW Well B	6/5/91	14:52	L Goodremote
B-02	GW Well B	6/5/91	14:52	L Goodremote
B-03	GW Well B	6/5/91	14:52	L Goodremote
B-04	GW Well B	6/5/91	14:52	L Goodremote

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
A-07	G / 1L / None	Grab	pH, Cond, Formald.	Clear
A-08	G / 4L / None	Grab	EPA 606, THO	Clear
B-01	VOA / 40ml / None	Grab	VOA	Clear
B-02	VOA / 40ml / None	Grab	VOA	Clear
B-03	VOA / 40ml / None	Grab	VOA	Clear
B-04	VOA / 40ml / None	Grab	VOA	Clear

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) LLOYD GOODREMOTE Organization: SPAULDING  
 Signature: Lloyd Goodremote Date: 6/6/91 Time: 8 AM

Accepted by: (print) EMMET K. GERBRACH Organization: ACTS Testing Labs Inc.  
 Signature: Emmet K Gerbrach Date: 6-6-91 Time: 8 AM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# CHAIN OF CUSTODY RECORD

No 088

Technical Report No.: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
 Contact: G. Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
B-05	GW Well B	6/5/91	14:52	L Goodremote
B-06	GW Well B	6/5/91	14:52	L Goodremote
B-07	GW Well B	6/5/91	14:52	L Goodremote
B-08	GW Well B	6/5/91	14:52	L Goodremote

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
B-05	G / 1L / H <sub>2</sub> SO <sub>4</sub>	Grab	COD, Phenols	Clear
B-06	G / 1L / H <sub>2</sub> SO <sub>4</sub>	Grab	COD, Phenols	Clear
B-07	G / 1L / None	Grab	pH, Cond, Formald.	Clear
B-08	G / 4L / None	Grab	EPA 606, THO	Clear

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) LLOYD GOODREMONTE Organization: Spaulding  
 Signature: Lloyd Goodremote Date: 6/6/91 Time: 8:12

Accepted by: (print) ELMER K. GERBRACHT Organization: ACTS Testing Labs Inc.  
 Signature: Elmer K Gerbracht Date: 6-6-91 Time: 8 AM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

ACTS TESTING LABS, INC.

CHAIN OF POSSESSION LOG

FIRM ACTS Testing Labs Inc. ADDRESS 25 Anderson Road  
 SAMPLE POINT \_\_\_\_\_ ID# 1-1713 LOCATION \_\_\_\_\_ TYPE Liquid  
 COLLECTOR'S SIGNATURE Janet Kondzela DATE 6/6/91 TIME 2:00  
 PRESERVATIONS USED None

SAMPLE POINT \_\_\_\_\_ ID# 1-1730 LOCATION \_\_\_\_\_ TYPE Liquid  
 COLLECTOR'S SIGNATURE Janet Kondzela DATE 6/6/91 TIME 2:00  
 PRESERVATIONS USED None

SAMPLE POINT \_\_\_\_\_ ID# 1-1731 LOCATION \_\_\_\_\_ TYPE Liquid  
 COLLECTOR'S SIGNATURE Janet Kondzela DATE 6/6/91 TIME 2:00  
 PRESERVATIONS USED None

LAB FACILITY (1) Syracuse Research Corporation  
 LOCATION Merrill Lane  
 RECEIVED BY (SIGN) \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_  
 PARAMETERS TESTED #1-1713 EPA 624, #1-1730 & #1-1731 Acetone, Butanol  
Ethanol, Methanol, and Methyl Ethyl Ketone

Please return cooler and ice and a signed copy of this document.

LAB FACILITY (2) \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 RECEIVED BY (SIGN) \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_  
 PARAMETERS TESTED \_\_\_\_\_

COMMENTS:

<sup>Miles</sup>  
Janet Kondzela 6/6/91  
 SUPERVISOR/DATE



TCLP - ORGANICS FOR LAMINATE  
DUST

TELECOPIES COVER SHEET

SPAULDING COMPOSITES COMPANY  
P.O. BOX 616  
TONAWANDA, NY 14151

DATE: MAY 20, 1991

TO: George Moretti

FROM: Greg Stubbs

TOTAL PAGES: 3 (INCLUDING COVER SHEET)

IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL AS SOON AS POSSIBLE  
(716) 692-1530 EXT 396, FAX NO. (716) 692-4410

Attached, are the TCLP results of a sample of resin dust from the baghouse as it is generated. Any extrapolation of this data to the landfill, containing dust for nearly 15 years would be tenuous at best



## ecology and environment, inc.

ANALYTICAL SERVICES CENTER, P.O. BOX D, BUFFALO, NEW YORK 14225, TEL. 716-631-0360  
International Specialists in the Environment

September 26, 1990

Mr. Greg Stubbs  
Spaulding Fibre Company, Inc.  
310 Wheeler Street  
Tonawanda, New York 14150

RE: 9001.943

Dear Mr. Stubbs:

Attached is the laboratory report of the analysis conducted on two samples received at the Analytical Services Center on August 8, 1990. Analysis was performed according to the procedures set forth in "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", EPA-600/4-82-057, July 1982.

The accuracy of all analyses depends upon the representative nature of the sample and reliability of collection procedures as well as the accuracy of the laboratory analysis of the sample as submitted. Ecology and Environment, Inc.'s activity and representations with respect to these samples are limited solely to the laboratory analysis of the samples presented to us.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of \$1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the samples is authorized by the client.

Very truly yours,

Gary Hahn, Manager  
Analytical Services Center

GH/tms  
Enclosure

JOB NUMBER : 9001.943

Ecology and Environment, Inc.  
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
82457.01	588571	STCAP 1	08/07/90	08/29/90	09/12/90
82458.01	RLD-01	STCAP 1	08/07/90	08/29/90	09/08/90

Results of Analysis of TCLP Extracts Job Number :9001.943

Ecology and Environment, Inc.  
Analytical Services Center

CLIENT : SPAULDING FIBRE COMPANY, INC.  
SAMPLE ID LAB :EE-90-82457 MATRIX: SOLID  
SAMPLE ID CLIENT: 588571 UNITS : MG/L

PARAMETER	RESULTS	Q	DETECTION LIMIT	REGULATORY LEVEL
Pentachlorophenol	ND		10	100
2,4,5-Trichlorophenol	ND		10	400
2,4,6-Trichlorophenol	ND		2.0	2.0
2-Methyl phenol	4.0		2.0	200
3-Methyl phenol	ND		2.0	200
4-Methyl phenol	PRESENT	L	2.0	200
Phenol	ND		2.0	--

-----  
QUALIFIERS: C = COMMENT ND = NOT DETECTED  
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK  
L = PRESENT BELOW STATED DETECTION LIMIT

Results of Analysis of TCLP Extracts    Job Number :9001.943

Ecology and Environment, Inc.  
Analytical Services Center

CLIENT                    : SPAULDING FIBRE COMPANY, INC.  
SAMPLE ID LAB        : EE-90-82458                    MATRIX: SOLID  
SAMPLE ID CLIENT: RLD-01                    UNITS : MG/L

PARAMETER	RESULTS	Q	DETECTION LIMIT	REGULATORY LEVEL
Pentachlorophenol	ND	-	2.5	100
2,4,5-Trichlorophenol	ND	-	2.5	400
2,4,6-Trichlorophenol	ND	-	0.50	2.0
2-Methyl phenol	0.70	-	0.50	200
3-Methyl phenol	ND	-	0.50	200
4-Methyl phenol	PRESENT	L	0.50	200
Phenol	43	-	0.50	--

-----  
QUALIFIERS: C = COMMENT                    ND = NOT DETECTED  
              J = ESTIMATED VALUE        B = ALSO PRESENT IN BLANK  
              L = PRESENT BELOW STATED DETECTION LIMIT

Results of Analysis of TCLP Extracts Job Number :9001.943

Ecology and Environment, Inc.  
Analytical Services Center

CLIENT : SPAULDING FIBRE COMPANY, INC.  
SAMPLE ID LAB : TCLP BLANK MATRIX: SOLID  
UNITS : MG/L

PARAMETER	RESULTS	Q	DETECTION LIMIT	REGULATORY LEVEL
Pentachlorophenol	ND		0.25	100
2,4,5-Trichlorophenol	ND		0.25	400
2,4,6-Trichlorophenol	ND		0.050	2.0
2-Methyl phenol	ND		0.050	200
3-Methyl phenol	ND		0.050	200
4-Methyl phenol	ND		0.050	200
Phenol	ND		0.050	--

-----  
QUALIFIERS: C = COMMENT ND = NOT DETECTED  
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK  
L = PRESENT BELOW STATED DETECTION LIMIT

QUALITY CONTROL FOR ACCURACY: PERCENT  
RECOVERY OF SURROGATE SPIKES

9001.943

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Compound	E & E Laboratory No. 90-	Amount Added	Amount Determined	Percent Recovery
(ug/L)				
phenol-d5	82457	200	71	36
	82458	200	78	39
	TCLP BLANK	200	68	34
	METHOD BLANK	200	63	32
2-fluorophenol	82457	200	67	34
	82458	200	127	64
	TCLP BLANK	200	97	48
	METHOD BLANK	200	108	54
2,4,6-tribromophenol	82457	200	161	80
	82458	200	154	77
	TCLP BLANK	200	183	92
	METHOD BLANK	200	161	80

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These recoveries are acceptable to E & E, Inc. guidelines.



13907

9001.9  
135

No 046

# CHAIN OF CUSTODY RECORD

Technical Report No.: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Company: Spaulding Fibre Company, Inc.

Facility/Site: Industrial Plastics Division

Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101

Contact: Gregory A Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
588571	B-Stage Storage	8/7/90	14:00	G. Stubbs
<u>RLD-01</u>	<u>Baghouse and</u> <u>Bags of resin dust</u>	8/7/90	15:00	G. Stubbs

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
157 588571	PE Bag / 1 Gal. / None	Grab Composite	Acid Phenol - TCLP (Rpt Phenol in analysis)	Yellow Sheet
158 3M RLD-01	PE Bag / 1 Gal. / None	Grab Composite	Acid Phenol - TCLP (Rpt. Phenol in Analysis)	Yellowish Fine Dust

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) Gregory A Stubbs Organization: Spaulding Composites Co.

Signature: [Signature] Date: Aug. 8, 1990 Time: \_\_\_\_\_

Accepted by: (print) RICK MARSH Organization: E&E

Signature: Rick Marsh Date: 8-8-90 Time: 1700

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# ACTS TESTING LABS, INC.

25 Anderson Road • Buffalo, N.Y. 14225-4906 • Tel: (716) 897-3300 • Fax: (716) 897-0876

TECHNICAL REPORT 0-2480E

September 24, 1990

Mr. Greg Stubbs  
SPAULDING COMPOSITES

SUBJECT:

Analyses of two (2) samples for various parameters. The samples were received on July 27, 1990.

<u>RESULTS:</u>	<u>WELL A</u>	<u>WELL B</u>
pH Units	7.29	7.42
Conductivity, micromhos/cm	2,240	1,440
COD	28.7	28.7
Total Phenols	LT 0.001	0.018
Formaldehyde	LT 1.0	LT 1.0
Methanol	LT 10	LT 10
Ethanol	LT 0.02	LT 0.02
Acetone	LT 0.02	LT 0.02
Methyl Ethyl Ketone	LT 0.02	LT 0.02
Butanol	LT 0.02	LT 0.02
Toluene	LT 0.001	LT 0.001
Dimethyl Phthalate	LT 0.007	LT 0.007
Diethyl Phthalate	LT 0.007	LT 0.007
Dibutyl Phthalate	LT 0.007	LT 0.007
ButylBenzyl Phthalate	LT 0.007	LT 0.007
Diethylhexyl Phthalate	LT 0.007	LT 0.007
Diocetyl Phthalate	LT 0.007	LT 0.007
Total Halogenated Organics as Lindane	LT 0.001	LT 0.001

LT = Less Than

Results, except pH Units and Conductivity, are reported in milligrams per liter (mg/l) or parts per million (ppm).

Our reports and letters are for the exclusive use of the client to whom/which they are addressed. Communication of ACTS Testing Labs, Inc. reports and letters to any others and/or use of the name of ACTS Testing Labs, Inc. requires our prior written approval. Our letters and reports are limited solely (i) to standards and procedures identified in them and (ii) to the sample (s) tested. Test results are not necessarily indicative nor representative (i) of the quality of the lot from which the sample was taken or (ii) of apparently similar or identical products. Unless otherwise stated, it is the responsibility of the client to insure the representativeness of the samples submitted to ACTS Testing Labs, Inc. for testing.

Hong Kong Laboratory: 2/F., 212 Choi Hung Rd. • San Po Kong, Kowloon, Hong Kong • Tel: 3516556 • Fax: 3515525  
New York City Laboratory: 120 West 41st Street, 3rd Floor • New York, N.Y. 10036-7315 • Tel: (212) 302-6780 • Fax: (212) 302-5424

Mr. Greg Stubbs  
SPAULDING COMPOSITES

September 24, 1990  
TECHNICAL REPORT 0-2480E  
Page Two

EXPERIMENTAL:

The Methanol, Ethanol, Butanol, Acetone, Toluene, and Methyl Ethyl Ketone analyses were conducted according to "Test Methods for the Evaluation of Solid Waste Physical/Chemical Methods", EPA SW-846.

The Total Halogenated Organics (THO'S) were determined using approved New York State Department of Environmental Conservation methodology (Extraction, Concentration, and analysis using Gas Chromatography with Electron Capture Detection).

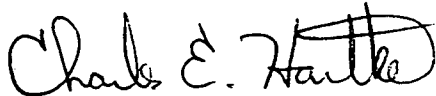
The Phthalate esters were determined using approved United States Environmental Protection Agency methodology (EPA Method 606: Gas Chromatography with Electron Capture Detection).

The Formaldehyde concentrations were determined colorimetrically based on the reaction of formaldehyde with acetyl acetone in an ammonium acetate buffer solution.

The Phenols were determined according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

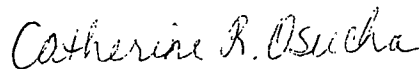
The remaining parameters were analyzed according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985.

ACTS TESTING LABS, INC.



Charles E. Hartke  
Chemistry Laboratory Manager

ACTS TESTING LABS, INC.



Catherine R. Osucha  
Chemistry Laboratory Supervisor

/smd

GROUNDWATER MONITORING WELL LOG

WELL PURGE:

WELL A

DATE: 7 / 26 / 90 TIME: 10:09 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 80 5/8"

GROUNDWATER ELEVATION: 598.59

VOLUME PURGED: 1 Well Volume

WELL B

DATE: 7 / 26 / 90 TIME: 10:25 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 68 15/16"

GROUNDWATER ELEVATION: 597.16

VOLUME PURGED: 1 Well Volume

WELL SAMPLE:

WELL A

DATE: 7 / 27 / 91 TIME: 2:15 AM PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 81 1/2"

GROUNDWATER ELEVATION: 598.52

WELL B

DATE: 7 / 27 / 91 TIME: 2:26 AM PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 92 3/8"

GROUNDWATER ELEVATION: 595.20

SAMPLING METHOD: 4" PVC BAILER

SAMPLER: A. Stitt

DATE: 7 / 27 / 91

# CHAIN OF CUSTODY RECORD

No 044

Technical Report No.: 0-2480E

Date: 7 / 24 / 90

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
 Contact: Gregory A Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
A-1	GW WELL A	7-27-90	14:15	G. Stubbs
A-2	GW WELL A	7-27-90	14:15	G. Stubbs
A-3	GW WELL A	7-27-90	14:15	G. Stubbs
A-4	GW WELL A	7-27-90	14:15	G. Stubbs
A-5	GW WELL A	7-27-90	14:15	G. Stubbs

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
A-1	VOC / 40 ml / NONE	Grab	VOC	Clear
A-2	VOC / 40 ml / NONE	Grab	VOC	Clear
A-3	G / 1L / H <sub>2</sub> SO <sub>4</sub>	Grab	COD, PHENOLS	Clear
A-4	G / 1L / NONE	Grab	pH Cond. Form.	Clear
A-5	G / 1GAL / NONE	Grab	THO, Phthalates	Clear

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) Gregory A. Stubbs Organization: Spaulding Composites Co  
 Signature: [Signature] Date: 7-27-90 Time: 4:29 PM

Accepted by: (print) Susan M. Dake Organization: ACTS Testing Labs, Inc.  
 Signature: [Signature] Date: 7-27-90 Time: 4:29 PM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# CHAIN OF CUSTODY RECORD

No. 045

Technical Report No.: 0-2480E

Date: 9 / 24 / 90

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
 Contact: Gregory A Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
B-1	GW WELL B	7-27-90	14:26	G. Stubbs
B-2	GW WELL B	7-27-90	14:26	G. Stubbs
B-3	GW WELL B	7-27-90	14:26	G. Stubbs
B-4	GW WELL B	7-27-90	14:26	G. Stubbs
B-5	GW WELL B	7-27-90	14:26	G. Stubbs

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
B-1	VOC / 40 ml / NONE <del>Other</del>	GRAB	VOC	Clear
B-2	VOC / 40 ml / NONE	GRAB	VOC	Clear
B-3	G / 1 L / H <sub>2</sub> SO <sub>4</sub>	GRAB	COD, PHENOLS	Clear
B-4	G / 1 L / NONE	GRAB	pH, COND., FORM	Clear
B-5	G / 1 Gal / NONE	GRAB	THO, PHTHALATES	Clear

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) Gregory A Stubbs Organization: Spaulding Composites Co  
 Signature: [Signature] Date: 7-27-90 Time: 4:29 PM

Accepted by: (print) Susan M. Dake Organization: ACTS Testing Labs, Inc.  
 Signature: [Signature] Date: 7-27-90 Time: 4:29 PM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# ACTS TESTING LABS, INC.

25 Anderson Road • Buffalo, N.Y. 14225-4906 • Tel: (716) 897-3300 • Fax: (716) 897-0876

TECHNICAL REPORT 0-1308E

May 25, 1990

Mr. Greg Stubbs  
SPAULDING COMPOSITES

SUBJECT:

Analysis of two (2) samples for various parameters. The samples were received on April 27, 1990.

<u>RESULTS:</u>	<u>WELL A</u>	<u>WELL B</u>
pH Units	7.46	7.43
Conductivity, micromhos/cm	2,320	2,880
COD	18.0	18.0
Total Phenols	0.003	0.013
Formaldehyde	LT 1.0	LT 1.0
Methanol	LT 0.020	LT 0.020
Ethanol	LT 0.025*	LT 0.025*
Acetone	*	*
Methyl Ethyl Ketone	LT 0.020	LT 0.020
Butanol	LT 0.020	LT 0.020
Toluene	LT 0.001	LT 0.001
Dimethyl Phthalate	LT 0.006	LT 0.055
Diethyl Phthalate	LT 0.006	LT 0.006
Dibutyl Phthalate	LT 0.006	LT 0.006
ButylBenzyl Phthalate	LT 0.006	LT 0.006
Diethylhexyl Phthalate	LT 0.006	LT 0.006
Diocetyl Phthalate	LT 0.006	LT 0.006
Total Halogenated Organics as Lindane	0.001	0.001

LT = Less Than

\* = Ethanol and Acetone co-elute.

Results, except pH Units and Conductivity, are reported in milligrams per liter (mg/l) or parts per million (ppm).

Our reports and letters are for the exclusive use of the client to whom/which they are addressed. Communication of ACTS Testing Labs, Inc. reports and letters to any others and/or use of the name of ACTS Testing Labs, Inc. requires our prior written approval. Our letters and reports are limited solely (i) to standards and procedures identified in them and (ii) to the sample (s) tested. Test results are not necessarily indicative nor representative (i) of the quality of the lot from which the sample was taken or (ii) of apparently similar or identical products. Unless otherwise stated, it is the responsibility of the client to insure the representativeness of the samples submitted to ACTS Testing Labs, Inc. for testing.

Hong Kong Laboratory: 2/F., 212 Choi Hung Rd. • San Po Kong, Kowloon, Hong Kong • Tel: 3516556 • Fax: 3515525  
New York City Laboratory: 120 West 41st Street, 3rd Floor • New York, N.Y. 10036-7315 • Tel: (212) 302-6780 • Fax: (212) 302-5424

Mr. Greg Stubbs  
SPAULDING COMPOSITES

May 25 1990  
TECHNICAL REPORT 0-1308E  
Page Two

EXPERIMENTAL:

The Methanol, Ethanol, Butanol, Acetone, Toluene, and Methyl Ethyl Ketone analyses were conducted according to "Test Methods for the Evaluation of Solid Waste Physical/Chemical Methods", EPA SW-846.

The Total Halogenated Organics (THO'S) were determined using approved New York State Department of Environmental Conservation methodology (Extraction, Concentration, and analysis using Gas Chromatography with Electron Capture Detection).

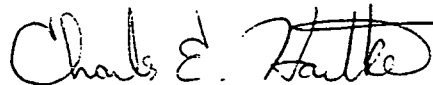
The Phthalate esters were determined using approved United States Environmental Protection Agency methodology (EPA Method 606: Gas Chromatography with Electron Capture Detection).

The Formaldehyde concentrations were determined colorimetrically based on the reaction of formaldehyde with acetyl acetone in an ammonium acetate buffer solution.

The Phenols were determined according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

The remaining parameters were analyzed according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985.

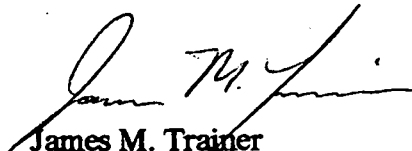
ACTS TESTING LABS., INC.



Charles E. Hartke  
Chemistry Laboratory Manager

/sms

ACTS TESTING LABS, INC.



James M. Trainer  
Gas Chromatography Supervisor



GROUNDWATER MONITORING WELL LOG

WELL PURGE:

WELL A

DATE: 4 / 26 / 90 TIME: 12:35 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 36 5/8"  
GROUNDWATER ELEVATION: 600.59'

VOLUME PURGED: 1 Well Volume

WELL B

DATE: 4 / 26 / 90 TIME: 1:00 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 71 1/2"  
GROUNDWATER ELEVATION: 596.94'

VOLUME PURGED: 1 Well Volume

WELL SAMPLE:

WELL A

DATE: 4 / 27 / 90 TIME: 4:10 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 59 3/4"  
GROUNDWATER ELEVATION: 600.33'

WELL B

DATE: 4 / 27 / 90 TIME: 4:00 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 102 1/2"  
GROUNDWATER ELEVATION: 594.35'

SAMPLING METHOD: 4" PVC BAILER

SAMPLER: E. Stutter DATE: 4 / 27 / 90

# CHAIN OF CUSTODY RECORD

No 042

Technical Report No.: 0-1308E

Date: 05 / 25 / 1990

Company: Spaulding Fibre Company, Inc.  
Facility/Site: Industrial Plastics Division  
Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
Contact: Gregory A Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
WELL A-01	GW WELL "A"	4-27-90	16:10	G. Stubbs
WELL A-02	GW WELL "A"	4-27-90	16:10	G. Stubbs
WELL A-03	GW WELL "A"	4-27-90	16:10	G. Stubbs
WELL A-04	GW WELL "A"	4-27-90	16:10	G. Stubbs
WELL A-05	GW WELL "A"	4-27-90	16:10	G. Stubbs

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
WELL A-01	VOC / 40ml / NONE	GRAB	VOC	Clear
WELL A-02	VOC / 40ml / NONE	GRAB	VOC	Clear
WELL A-03	G / 1L / H <sub>2</sub> SO <sub>4</sub>	GRAB	COD, PHENOLS	Clear
WELL A-04	G / 1L / NONE	GRAB	pH, COND. FORM.	Clear
WELL A-05	G / 1GAL / NONE	GRAB	THO, PHTHALATES	Clear

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) Gregory A Stubbs Organization: Spaulding Composites Co.  
Signature: [Signature] Date: 4-27-90 Time: 5:05 PM

Accepted by: (print) Susan Schwab Organization: ACTS Testing Labs  
Signature: Susan M. Schwab Date: 4/27/90 Time: 5:05 PM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# CHAIN OF CUSTODY RECORD

No 040

Technical Report No.: 0-1308E

Date: 05 / 25 / 1990

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
 Contact: Gregory A Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
WELL B-01	GW WELL "B"	4-27-90	16:00	G. Stubbs
WELL B-02	GW WELL "B"	4-27-90	16:00	G. Stubbs
WELL B-03	GW WELL "B"	4-27-90	16:00	G. Stubbs
WELL B-04	GW WELL "B"	4-27-90	16:00	G. Stubbs
WELL B-05	GW WELL "B"	4-27-90	16:00	G. Stubbs

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
WELL B-01	VOC / 40ml / NONE	GRAB	VOC	CLEAR
WELL B-02	VOC / 40ml / NONE	GRAB	VOC	CLEAR
WELL B-03	G / 1L / H <sub>2</sub> SO <sub>4</sub>	GRAB	COD, PHENOLS	CLEAR
WELL B-04	G / 1L / NONE	GRAB	pH, COND. FORM.	CLEAR
WELL B-05	G / 1GAL / NONE	GRAB	THO, PHTHALATES	CLEAR

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) Gregory A Stubbs Organization: Spaulding Composites Co.  
 Signature: [Signature] Date: 4-27-90 Time: 5:05 PM

Accepted by: (print) Susan Schwab Organization: ACTS Testing Labs, Inc.  
 Signature: [Signature] Date: 4-27-90 Time: 5:05 PM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# ACTS TESTING LABS, INC.

25 Anderson Road • Buffalo, N.Y. 14225-4906 • Tel: (716) 897-3300 • Fax: (716) 897-0876

TECHNICAL REPORT 9-2105E (REVISED)

March 30, 1990

Mr. Greg Stubbs  
SPAULDING COMPOSITES

## SUBJECT:

Analysis of two (2) samples for various parameters. The samples were received on July 14, 1989.

<u>RESULTS:</u>	<u>SAMPLE A</u>	<u>SAMPLE B</u>
pH Units	7.30	7.50
Conductivity, micromhos/cm	1,520	1,480
COD	26.7	LT 2.0
Total Phenols	0.47	LT 0.001 (0.004)*
Formaldehyde	LT 0.25	LT 0.25
Methanol	LT 20	LT 20
Ethanol	LT 20	LT 20
Acetone	LT 20	LT 20
Methyl Ethyl Ketone	LT 20	LT 20
Butanol	LT 20	LT 20
Toluene	LT 20	LT 20
Dimethyl Phthalate	LT 0.033	LT 0.033
Diethyl Phthalate	LT 0.033	LT 0.033
Dibutyl Phthalate	LT 0.033	LT 0.033
ButylBenzyl Phthalate	LT 0.033	LT 0.033
Diethylhexyl Phthalate	LT 0.033	LT 0.033
Dioctyl Phthalate	LT 0.033	LT 0.033
Total Halogenated Organics	LT 0.001	LT 0.001

LT = Less Than

\* = Duplicate Result

Results, except pH Units and Conductivity, are reported in milligrams per liter (mg/l) or parts per million (ppm).

Mr. Greg Stubbs  
SPAULDING COMPOSITES

March 30 1990  
TECHNICAL REPORT 9-2105E  
Page Two

EXPERIMENTAL:

The Methanol, Ethanol, Butanol, Acetone, Toluene, and Methyl Ethyl Ketone analyses were conducted according to "Test Methods for the Evaluation of Solid Waste Physical/Chemical Methods", EPA SW-846.

The Total Halogenated Organics (THO'S) were determined using approved New York State Department of Environmental Conservation methodology (Extraction, Concentration, and analysis using Gas Chromatography with Electron Capture Detection).

The Phthalate esters were determined using approved United States Environmental Protection Agency methodology (EPA Method 606: Gas Chromatography with Electron Capture Detection).

The Formaldehyde concentrations were determined colorimetrically based on the reaction of formaldehyde with acetyl acetone in an ammonium acetate buffer solution.

The Phenols were determined according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

The remaining parameters were analyzed according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985.

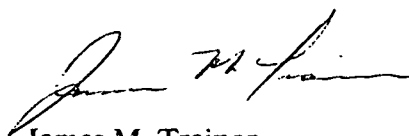
ACTS TESTING LABS., INC.



Charles E. Hartke  
Chemistry Laboratory Manager

/sms

ACTS TESTING LABS, INC.



James M. Trainer  
Gas Chromatography Supervisor

# ACTS TESTING LABS, INC.

25 Anderson Road • Buffalo, N.Y. 14225-4906 • Tel: (716) 897-3300 • Fax: (716) 897-0876

TECHNICAL REPORT 0-0262E

March 14, 1990

Mr. Greg Stubbs  
SPAULDING COMPOSITES

SUBJECT:

Analysis of two (2) samples for various parameters. The samples were received on January 19, 1990.

<u>RESULTS:</u>	<u>WELL A</u>	<u>WELL B</u>
pH Units	7.35	7.50
Conductivity, micromhos/cm	1,720	1,620
COD	8.0	26.0
Total Phenols	0.011	0.019
Formaldehyde	LT 1.0	LT 1.0
Methanol	LT 0.020	LT 0.020
Ethanol	LT 0.045*	LT 0.045*
Acetone	*	*
Methyl Ethyl Ketone	0.147	LT 0.040
Butanol	LT 0.020	LT 0.020
Toluene	LT 0.002	LT 0.002
Dimethyl Phthalate	LT 0.014	LT 0.014
Diethyl Phthalate	LT 0.011	LT 0.011
Dibutyl Phthalate	LT 0.012	LT 0.012
ButylBenzyl Phthalate	LT 0.011	LT 0.011
Diethylhexyl Phthalate	0.015	0.019
Dioctyl Phthalate	LT 0.013	LT 0.013
Total Halogenated Organics	LT 0.001	LT 0.001

LT = Less Than

\* = Acetone and Ethanol co-elute.

Results, except pH Units and Conductivity, are reported in milligrams per liter (mg/l) or parts per million (ppm).

Our reports and letters are for the exclusive use of the client to whom/which they are addressed. Communication of ACTS Testing Labs, Inc. reports and letters to any others and/or use of the name of ACTS Testing Labs, Inc. requires our prior written approval. Our letters and reports are limited solely (i) to standards and procedures identified in them and (ii) to the sample(s) tested. Test results are not necessarily indicative nor representative (i) of the quality of the lot from which the sample was taken or (ii) of apparently similar or identical products. Unless otherwise stated, it is the responsibility of the client to insure the representativeness of the samples submitted to ACTS Testing Labs, Inc. for testing.

New York City Laboratory: 120 West 41st Street, 3rd Floor • New York, N.Y. 10036 • Tel: (212) 302-6780 • Fax: (212) 302-5424

Mr. Greg Stubbs  
SPAULDING COMPOSITES

March 14, 1990  
TECHNICAL REPORT 0-0262E  
Page Two

EXPERIMENTAL:

The Methanol, Ethanol, Butanol, Acetone, Toluene, and Methyl Ethyl Ketone analyses were conducted according to "Test Methods for the Evaluation of Solid Waste Physical/Chemical Methods", EPA SW-846.

The Total Halogenated Organics (THO'S) were determined using approved New York State Department of Environmental Conservation methodology (Extraction, Concentration, and analysis using Gas Chromatography with Electron Capture Detection).

The Phthalate esters were determined using approved United States Environmental Protection Agency methodology (EPA Method 606: Gas Chromatography with Electron Capture Detection).

The Formaldehyde concentrations were determined colorimetrically based on the reaction of formaldehyde with acetyl acetone in an ammonium acetate buffer solution.

The Phenols were determined according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

The remaining parameters were analyzed according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1985.

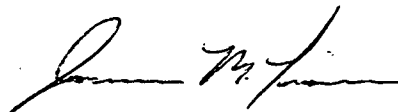
ACTS TESTING LABS., INC.



Charles E. Hartke  
Chemistry Laboratory Manager

/sms

ACTS TESTING LABS, INC.



James M. Trainer  
Gas Chromatography Supervisor

GROUNDWATER MONITORING WELL LOG

WELL PURGE:

WELL A

DATE: 1 18 190 TIME: 12:25 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 39 1/4"

GROUNDWATER ELEVATION: 602.04'

VOLUME PURGED: 1 Well Volume

WELL B

DATE: 1 18 190 TIME: 12:45 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 68 3/8"

GROUNDWATER ELEVATION: 597.20'

VOLUME PURGED: 1 Well Volume

WELL SAMPLE:

WELL A

DATE: 1 19 190 TIME: 1:25 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 42 5/8"

GROUNDWATER ELEVATION: 601.70'

WELL B

DATE: 1 19 190 TIME: 1:32 AM/PM

DEPTH FROM TOP OF PVC CASING TO GROUNDWATER: 102"

GROUNDWATER ELEVATION: 594.40'

SAMPLING METHOD: 4" PVC BAILER

SAMPLER: [Signature] DATE: 1 19 190



# CHAIN OF CUSTODY RECORD

No. 035

Technical Report No.: 0-0268EDate: 3 / 14 / 90

Company: Spaulding Fibre Company, Inc.  
Facility/Site: Industrial Plastics Division  
Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
Contact: Gregory A. Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
WELL A - 01	GW WELL "A"	1-19-90	13:25	G. STUBBS
WELL A - 02	GW WELL "A"	1-19-90	13:25	G. STUBBS
WELL A - 03	GW WELL "A"	1-19-90	13:25	G. STUBBS
WELL A - 04	GW WELL "A"	1-19-90	13:25	G. STUBBS
WELL A - 05	GW WELL "A"	1-19-90	13:25	G. STUBBS

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
WELL A - 01	VOC / 40ml / NONE	GRAB	VOC	clear
WELL A - 02	VOC / 40ml / NONE	GRAB	VOC	clear
WELL A - 03	G / 1L / H <sub>2</sub> SO <sub>4</sub>	GRAB	COD, PHENOLS	clear
WELL A - 04	G / 1L / NONE	GRAB	pH, COND. FORMALDEHYDE	clear
WELL A - 05	G / 1GAL / NONE	GRAB	THO, PHTHALATES	

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) Gregory A. Stubbs Organization: Spaulding Composites Co.  
Signature: [Signature] Date: 1-19-90 Time: 3:58 PM

Accepted by: (print) Charles E. Hartke Organization: ACTS Testing Labs  
Signature: [Signature] Date: 1-19-90 Time: 3:58 PM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

# CHAIN OF CUSTODY RECORD

No 036

Technical Report No.: 0-0242E

Date: 3 / 14 / 90

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street, Tonawanda, N.Y. 14151-5101  
 Contact: Gregory A Stubbs Telephone: (716) 692-2000

## SAMPLE IDENTIFICATION

Sample ID	Location	Date	Time (start-end) (24 Hour Clock)	Sampler (name)
WELL B-01	GW WELL "B"	1-19-90	13:32	G. STUBBS
WELL B-02	GW WELL "B"	1-19-90	13:32	G. STUBBS
WELL B-03	GW WELL "B"	1-19-90	13:32	G. STUBBS
WELL B-04	GW WELL "B"	1-19-90	13:32	G. STUBBS
WELL B-05	GW WELL "B"	1-19-90	13:32	G. STUBBS

## SAMPLE INFORMATION

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
WELL B-01	VOC / 40 ml / NONE	GRAB	VOC	CLEAR
WELL B-02	VOC / 40 ml / NONE	GRAB	VOC	CLEAR
WELL B-03	G / 1L / H <sub>2</sub> SO <sub>4</sub>	GRAB	COD, PHENOLS	CLEAR
WELL B-04	G / 1L / NONE	GRAB	pH, COND, FORMALDEHYDE	CLEAR
WELL B-05	G / 1 Gal. / NONE	GRAB	THO, PHTHALATES	CLEAR

## CHAIN OF CUSTODY CHRONICLE

Relinquished by: (print) Gregory A Stubbs Organization: Spaulding Composites Co.  
 Signature: *Gregory A Stubbs* Date: 1-19-90 Time: 3:58 PM

Accepted by: (print) Charles E Hartke Organization: ACTS Testing Labs  
 Signature: *Charles E Hartke* Date: 1-19-90 Time: 3:58 PM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



# ORGANICS TRAFFIC REPORT

① Case Number:  
7704

Sample Site Name/Code:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

② SAMPLE CONCENTRATION  
 (Check One)

Low Concentration  
 Medium Concentration

③ SAMPLE MATRIX  
 (Check One)

Water  
 Soil/Sediment

④ Ship To:  
 CAMBRIDGE ANALYTICAL  
 1166 COMMONWEALTH AV  
 BOSTON, MA 02215  
 Attn: SHARIN WALKER

Transfer: \_\_\_\_\_  
 Ship To: 00327

⑤ Regional Office: FITZ  
 Sampling Personnel: MUS

D. DUFFERTY  
 (Name)  
(908) 755-6160  
 (Phone)

Sampling Date: 4/24/87  
 (Begin) (End)

⑥ For each sample collected specify number of containers used and mark volume level on each bottle.

	Number of Containers	Approximate Total Volume
Water (Extractable)	<u>2</u>	<u>160oz</u>
Water (VOA)	<u>2</u>	<u>80ml</u>
Soil/Sediment (Extractable)		
Soil/Sediment (VOA)		
Water		
Other (e.g., PCB/PEST)	<u>1</u>	<u>80oz</u>

⑪ Analysis Lab:  
 Rec'd by: J. Lawler  
 Date Rec'd: 4/29/87  
 Sample Condition on Receipt (e.g., broken ice, Chain-of-Custody, etc.)

⑦ Shipping Information

FEDERAL EXPRESS  
 Name of Carrier

4/23/87  
 Date Shipped:

3-75525716  
 Airbill Number:

	Number of Containers	Approximate Total Volume
Water (Extractable)	<u>2</u>	<u>160oz</u>
Water (VOA)	<u>2</u>	<u>80ml</u>
Soil/Sediment (Extractable)		
Soil/Sediment (VOA)		
Water		
Other (e.g., PCB/PEST)	<u>1</u>	<u>80oz</u>

⑧ Sample Description

Surface Water       Mixed Media  
 Ground Water       Solids  
 Leachate               Other (specify) \_\_\_\_\_

⑨ Sample Location

WELL A1

NYR9 - GW1

⑩ Special Handling Instructions:  
 (e.g., safety precautions, hazardous nature)

MATCHES INORGANIC T-REPORT # MBI 137

LAB COPY FOR RETURN TO SMO

Sample Number  
BX 238

Organics Analysis Data Sheet  
(Page 1)

00328

Laboratory Name: Cambridge Analytical Assoc.  
 Lab Sample ID No: 8704240-04/CPXA1139  
 Sample Matrix: Water  
 Data Release Authorized By: [Signature]

Case No: 7204  
 OC Report No: 21  
 Contract No: 68-01-7278  
 Date Sample Received: 4/29/87

Volatile Compounds

Concentration: Low Medium (Circle One)  
 Date Extracted/Prepared: 5/5/87  
 Date Analyzed: 5/5/87  
 Conc/Dil Factor: 1 pH 7  
 Percent Moisture: (Not Decanted) N/A

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
74-87-3	Chloromethane	10u
74-83-9	Bromomethane	10u
75-01-4	Vinyl Chloride	10u
75-00-3	Chloroethane	10u
75-09-2	Methylene Chloride	5 u
67-64-1	Acetone	10u
75-15-0	Carbon Disulfide	5 u
75-35-4	1, 1-Dichloroethane	5 u
75-34-3	1, 1-Dichloroethane	5 u
156-60-5	Trans-1, 2-Dichloroethane	5 u
67-88-3	Chloroform	5 u
107-06-2	1, 2-Dichloroethane	5 u
78-93-3	2-Butanone	10u
71-65-8	1, 1, 1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	10u
75-27-4	Bromodichloromethane	5 u

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
78-87-5	1, 2-Dichloropropane	5 u
10061-02-6	Trans-1, 3-Dichloropropene	5 u
79-01-6	Trichloroethene	5 u
124-48-1	Dibromochloromethane	5 u
79-00-5	1, 1, 2-Trichloroethane	5 u
71-43-2	Benzene	5 u
10061-01-5	cis-1, 3-Dichloropropene	5 u
110-75-8	2-Chloroethylvinylether	10u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	10u
591-78-6	2-Hexanone	10u
127-18-4	Tetrachloroethene	5 u
79-34-5	1, 1, 2, 2-Tetrachloroethane	5 u
108-88-3	Toluene	5 u
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- Value** If the result is a value greater than or equal to the detection limit, report the value.
- U** Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U to g, 10U (based on necessary concentration/dilution action (This is not necessarily the instrument detection limit). The footnote should read U. Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- J** Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero (e.g., 10U). If limit of detection is 10 ug/l and a calculation of 3 ug/l is calculated, report as 3J.

- C** This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides  $\geq 10$  ng ul in the final extract should be confirmed by GC/MS.
- B** This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- Other** Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

7204

Sample Number

BK 238

Organics Analysis Data Sheet  
(Page 2)

Semivolatile Compounds

00329

Concentration: Low Medium (Circle One)

Date Extracted/Prepared: 5/4/87

Date Analyzed: 5/20/87

Conc./Dil Factor: 1

Percent Moisture (Decanted) N/A

GPC Cleanup  Yes  No

Separatory Funnel Extraction  Yes

Continuous Liquid - Liquid Extraction  Yes

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
108-95-2	Phenol	10u
111-44-4	bis(2-Chloroethyl)Ether	10u
95-57-8	2-Chlorophenol	10u
541-73-1	1,3-Dichlorobenzene	10u
106-46-7	1,4-Dichlorobenzene	10u
100-51-6	Benzyl Alcohol	10u
95-50-1	1,2-Dichlorobenzene	10u
95-48-7	2-Methylphenol	10u
39638-32-9	bis(2-chloroisopropyl)Ether	10u
106-44-5	4-Methylphenol	10u
621-64-7	N-Nitroso-Di-n-Propylamine	10u
67-72-1	Hexachloroethane	10u
98-95-3	Nitrobenzene	10u
78-59-1	Isophorone	10u
88-75-5	2-Nitrophenol	10u
105-67-9	2,4-Dimethylphenol	10u
65-85-0	Benzoic Acid	50u
111-91-1	bis(2-Chloroethoxy)Methane	10u
120-83-2	2,4-Dichlorophenol	10u
120-82-1	1,2,4-Trichlorobenzene	10u
91-20-3	Naphthalene	10u
106-47-8	4-Chloroaniline	10u
87-68-3	Hexachlorobutadiene	10u
59-50-7	4-Chloro-3-Methylphenol	10u
91-57-6	2-Methylnaphthalene	10u
77-47-4	Hexachlorocyclopentadiene	10u
88-06-2	2,4,6-Trichlorophenol	10u
95-95-4	2,4,5-Trichlorophenol	50u
91-58-7	2-Chloronaphthalene	10u
88-74-4	2-Nitroaniline	50u
131-11-3	Dimethyl Phthalate	10u
208-96-8	Acenaphthylene	10u
99-09-2	3-Nitroaniline	50u

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
83-32-9	Acenaphthene	10u
51-28-5	2,4-Dinitrophenol	50u
100-02-7	4-Nitrophenol	50u
132-64-9	Dibenzofuran	10u
121-14-2	2,4-Dinitrotoluene	10u
606-20-2	2,6-Dinitrotoluene	10u
84-66-2	Diethylphthalate	10u
7005-72-3	4-Chlorophenyl-phenylether	10u
86-73-7	Fluorene	10u
100-01-6	4-Nitroaniline	50u
534-52-1	4,6-Dinitro-2-Methylphenol	50u
86-30-6	N-Nitrosodiphenylamine (1)	10u
101-55-3	4-Bromophenyl-phenylether	10u
118-74-1	Hexachlorobenzene	10u
87-86-5	Pentachlorophenol	50u
85-01-8	Phenanthrene	10u
120-12-7	Anthracene	10u
84-74-2	Di-n-Butylphthalate	10u
206-44-0	Fluoranthene	10u
129-00-0	Pyrene	10u
85-68-7	Butylbenzylphthalate	10u
91-94-1	3,3'-Dichlorobenzidine	20u
56-55-3	Benzofluoranthene	10u
117-81-7	bis(2-Ethylhexyl)Phthalate	10u
218-01-9	Chrysene	10u
117-84-0	Di-n-Octyl Phthalate	10u
205-99-2	Benzofluoranthene	10u
207-08-9	Benzofluoranthene	10u
50-32-8	Benzofluoranthene	10u
193-39-5	Indeno(1,2,3-cd)Pyrene	10u
53-70-3	Dibenzofluoranthene	10u
191-24-2	Benzofluoranthene	10u

(1) Cannot be separated from diphenylamine

00330

Laboratory Name Cambridge Analytical AssociatesCase No. 7204

Sample Number

BK.238

Organics Analysis Data Sheet  
(Page 3)

## Pesticide/PCBs

Concentration: Low Medium (Circle One)GPC Cleanup  Yes  NoDate Extracted/Prepared: 5/4/87Separatory Funnel Extraction  YesDate Analyzed 5/31/87Continuous Liquid - Liquid Extraction  YesConc/Dil Factor: 1Percent Moisture (decanted)     

CAS Number		ug/L or ug/Kg (Circle One)
319-84-6	Alpha-BHC	0.05U
319-85-7	Beta-BHC	0.05U
319-86-8	Delta-BHC	0.05U
58-89-9	Gamma-BHC (Lindane)	0.05U
76-44-8	Heptachlor	0.05U
309-00-2	Aldrin	0.05U
1024-57-3	Heptachlor Epoxide	0.05U
959-98-8	Endosulfan I	0.05U
60-57-1	Dieldrin	0.1U
72-55-0	4,4'-DDE	0.1U
72-20-8	Endrin	0.1U
33213-65-9	Endosulfan II	0.1U
72-54-8	4,4'-DDD	0.1U
1031-07-8	Endosulfan Sulfate	0.1U
50-29-3	4,4'-DDT	0.1U
72-43-5	Methoxychlor	0.5U
53494-70-5	Endrin Ketone	0.1U
57-74-0	Chlordane	0.5U
8001-35-2	Toxaphene	1.0U
12674-11-2	Aroclor-1016	0.5U
11104-28-2	Aroclor-1221	0.5U
11141-16-5	Aroclor-1232	0.5U
53469-21-9	Aroclor-1242	0.5U
12672-29-6	Aroclor-1248	0.5U
11097-69-1	Aroclor-1254	1.0U
11096-82-5	Aroclor-1260	1.0U

 $V_i$  = Volume of extract injected (ul) $V_s$  = Volume of water extracted (ml) $W_s$  = Weight of sample extracted (g) $V_t$  = Volume of total extract (ul) $V_s$  1000 ml or  $W_s$        $V_i$  10,000 ul  $V_t$  3 ul

7204

Sample Number

BK 238

Organics Analysis Data Sheet  
(Page 4)

00331

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/kg)
1.	dihydro-2f3H-furanone	BNA	8.74	675
2.	unknown branched alkane	↓	8.92	15J
3.	none detected	VOA	—	—
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
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28.				
29.				
30.				



# ORGANICS TRAFFIC REPORT

<p>① Case Number:  <u>1204</u></p> <p>Sample Site Name/Code:  <hr/>  <hr/>  <hr/></p>	<p>② SAMPLE CONCENTRATION        (Check One)</p> <p><input checked="" type="checkbox"/> Low Concentration  <input type="checkbox"/> Medium Concentration</p> <p>③ SAMPLE MATRIX        (Check One)</p> <p><input checked="" type="checkbox"/> Water  <input type="checkbox"/> Soil/Sediment</p>	<p>④ Ship To:        CAMBRIDGE ANALYTICAL        1106 COMMONWEALTH AV        BOSTON, MA 02215</p> <p>Attn: <u>SHARON WALTER</u></p> <p>Transfer</p> <p>Ship To: <u>00344</u></p>
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<p>⑤ Regional Office: <u>VIS</u></p> <p>Sampling Personnel: <u>FIT 2</u></p> <p><u>P DOHERTY</u>        (Name)  <u>(703) 235-1160</u>        (Phone)</p> <p>Sampling Date: <u>4/28/87</u> - <u>4/28/87</u>        (Begin) (End)</p>	<p>⑥ For each sample collected specify number of containers used and mark volume level on each bottle.</p> <table border="1"> <thead> <tr> <th></th> <th>Number of Containers</th> <th>Approximate Total Volume</th> </tr> </thead> <tbody> <tr> <td>Water (Extractable)</td> <td><u>2</u></td> <td><u>160 oz</u></td> </tr> <tr> <td>Water (VOA)</td> <td><u>2</u></td> <td><u>80 ml</u></td> </tr> <tr> <td>Soil/Sediment (Extractable)</td> <td></td> <td></td> </tr> <tr> <td>Soil/Sediment (VOA)</td> <td></td> <td></td> </tr> <tr> <td><u>Water</u> Other <u>23/125</u></td> <td><u>1</u></td> <td><u>80 oz</u></td> </tr> </tbody> </table>		Number of Containers	Approximate Total Volume	Water (Extractable)	<u>2</u>	<u>160 oz</u>	Water (VOA)	<u>2</u>	<u>80 ml</u>	Soil/Sediment (Extractable)			Soil/Sediment (VOA)			<u>Water</u> Other <u>23/125</u>	<u>1</u>	<u>80 oz</u>	<p>⑪ Analysis Lab:        Rec'd by: <u>L. Taylor</u>        Date Rec'd: <u>4/29/87</u>        Sample Condition on Receipt (e.g., broken, ice, Chain-of-Custody, etc.)</p>
	Number of Containers	Approximate Total Volume																		
Water (Extractable)	<u>2</u>	<u>160 oz</u>																		
Water (VOA)	<u>2</u>	<u>80 ml</u>																		
Soil/Sediment (Extractable)																				
Soil/Sediment (VOA)																				
<u>Water</u> Other <u>23/125</u>	<u>1</u>	<u>80 oz</u>																		

<p>⑦ Shipping Information</p> <p><u>4/28/87</u></p> <p>Name of Carrier  <u>FEDERAL EXPRESS</u></p> <p>Date Shipped:  <u>3498075712</u></p> <p>Airbill Number:  <u>3498075712</u></p>	<table border="1"> <thead> <tr> <th></th> <th>Number of Containers</th> <th>Approximate Total Volume</th> </tr> </thead> <tbody> <tr> <td>Water (Extractable)</td> <td><u>2</u></td> <td><u>160 oz</u></td> </tr> <tr> <td>Water (VOA)</td> <td><u>2</u></td> <td><u>80 ml</u></td> </tr> <tr> <td>Soil/Sediment (Extractable)</td> <td></td> <td></td> </tr> <tr> <td>Soil/Sediment (VOA)</td> <td></td> <td></td> </tr> <tr> <td><u>Water</u> Other <u>23/125</u></td> <td><u>1</u></td> <td><u>80 oz</u></td> </tr> </tbody> </table>		Number of Containers	Approximate Total Volume	Water (Extractable)	<u>2</u>	<u>160 oz</u>	Water (VOA)	<u>2</u>	<u>80 ml</u>	Soil/Sediment (Extractable)			Soil/Sediment (VOA)			<u>Water</u> Other <u>23/125</u>	<u>1</u>	<u>80 oz</u>
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Soil/Sediment (VOA)																			
<u>Water</u> Other <u>23/125</u>	<u>1</u>	<u>80 oz</u>																	

<p>⑧ Sample Description</p> <p><input type="checkbox"/> Surface Water    <input type="checkbox"/> Mixed Media  <input checked="" type="checkbox"/> Ground Water    <input type="checkbox"/> Solids  <input type="checkbox"/> Leachate        <input type="checkbox"/> Other (specify) _____</p>	<p>⑨ Sample Location</p> <p><u>WELL B</u></p> <p><u>NYR9-GW2</u></p>
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⑩ Special Handling Instructions: (e.g., safety precautions, hazardous nature) MATCHES INORGANIC T-REPORT # MBS 292.



Sample Number  
BK239

Organics Analysis Data Sheet  
(Page 1)

00345

Laboratory Name: Cambridge Analytical Assoc. Case No: 7204  
 Lab Sample ID No: 8704240-05/CLV041140 QC Report No: 21  
 Sample Matrix: Water Contract No: 68-01-7278  
 Data Release Authorized By: [Signature] Date Sample Received: 4/29/87

Volatile Compounds

Concentration: Low Medium (Circle One)  
 Date Extracted/Prepared: 5/5/87  
 Date Analyzed: 5/6/87  
 Conc/Dil Factor: 1 pH 7  
 Percent Moisture: (Not Decanted) N/A

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
74-87-3	Chloromethane	10u
74-83-9	Bromomethane	10u
75-01-4	Vinyl Chloride	10u
75-00-3	Chloroethane	10u
75-09-2	Methylene Chloride	5 u
67-64-1	Acetone	10u
75-15-0	Carbon Disulfide	5 u
75-35-4	1, 1-Dichloroethene	5 u
75-34-3	1, 1-Dichloroethane	5 u
156-60-5	Trans-1, 2-Dichloroethene	5 u
67-66-3	Chloroform	5 u
107-06-2	1, 2-Dichloroethane	5 u
78-93-3	2-Butanone	10u
71-55-6	1, 1, 1-Trichloroethane	5 u
56-23-5	Carbon Tetrachloride	5 u
108-05-4	Vinyl Acetate	10u
75-27-4	Bromodichloromethane	5 u

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
78-87-5	1, 2-Dichloropropane	5 u
10061-02-6	Trans-1, 3-Dichloropropene	5 u
79-01-6	Trichloroethene	5 u
124-48-1	Dibromochloromethane	5 u
79-00-5	1, 1, 2-Trichloroethane	5 u
71-43-2	Benzene	5 u
10061-01-5	cis-1, 3-Dichloropropene	5 u
110-75-8	2-Chloroethylvinylether	10u
75-25-2	Bromoform	5 u
108-10-1	4-Methyl-2-Pentanone	10u
591-78-6	2-Hexanone	10u
127-18-4	Tetrachloroethene	5 u
79-34-5	1, 1, 2, 2-Tetrachloroethane	5 u
108-88-3	Toluene	5 u
108-90-7	Chlorobenzene	5 u
100-41-4	Ethylbenzene	5 u
100-42-5	Styrene	5 u
	Total Xylenes	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- U** If the result is a value greater than or equal to the detection limit, report the value.
- U** Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g., 10U) based on necessary concentration/dilution action. (This is not necessarily the instrument detection limit.) The footnote should read U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- J** Indicates an estimated value. This flag is used either when estimating a concentration for sensitively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero (e.g., 10J). If limit of detection is 10 ug/l and a concentration of 3 ug/l is calculated, report as 3J.

- C** This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides ≥ 10 ng ul in the final extract should be confirmed by GC/MS.
- B** This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- Other** Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

7204

Sample Number

BK 239

## Organics Analysis Data Sheet

(Page 2)

00346

## Semivolatile Compounds

Concentration: Low Medium (Circle One)Date Extracted / Prepared: 5/4/87Date Analyzed: 5/20/87Conc./Dil Factor: 1Percent Moisture (Decanted) N/AGPC Cleanup  Yes  NoSeparatory Funnel Extraction  YesContinuous Liquid - Liquid Extraction  Yes

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
108-95-2	Phenol	10u
111-44-4	bis(2-Chloroethyl)Ether	10u
95-57-8	2-Chlorophenol	10u
541-73-1	1,3-Dichlorobenzene	10u
106-46-7	1,4-Dichlorobenzene	10u
100-51-6	Benzyl Alcohol	10u
95-50-1	1,2-Dichlorobenzene	10u
95-48-7	2-Methylphenol	10u
39638-32-9	bis(2-chloroisopropyl)Ether	10u
106-44-5	4-Methylphenol	10u
621-64-7	N-Nitroso-Di-n-Propylamine	10u
67-72-1	Hexachloroethane	10u
98-95-3	Nitrobenzene	10u
78-59-1	Isophorone	10u
88-75-5	2-Nitrophenol	10u
105-67-9	2,4-Dimethylphenol	10u
65-85-0	Benzoic Acid	50u
111-91-1	bis(2-Chloroethoxy)Methane	10u
120-83-2	2,4-Dichlorophenol	10u
120-82-1	1,2,4-Trichlorobenzene	10u
91-20-3	Naphthalene	10u
106-47-8	4-Chloroaniline	10u
87-68-3	Hexachlorobutadiene	10u
59-50-7	4-Chloro-3-Methylphenol	10u
91-57-6	2-Methylnaphthalene	10u
77-47-4	Hexachlorocyclopentadiene	10u
88-06-2	2,4,6-Trichlorophenol	10u
95-95-4	2,4,5-Trichlorophenol	50u
91-58-7	2-Chloronaphthalene	10u
88-74-4	2-Nitroaniline	50u
131-11-3	Dimethyl Phthalate	10u
208-96-8	Acenaphthylene	10u
99-09-2	3-Nitroaniline	50u

CAS Number		<u>ug/l</u> or ug/Kg (Circle One)
83-32-9	Acenaphthene	10u
51-28-5	2,4-Dinitrophenol	50u
100-02-7	4-Nitrophenol	50u
132-64-9	Dibenzofuran	10u
121-14-2	2,4-Dinitrotoluene	10u
606-20-2	2,6-Dinitrotoluene	10u
84-66-2	Diethylphthalate	10u
7005-72-3	4-Chlorophenyl-phenylether	10u
86-73-7	Fluorene	10u
100-01-6	4-Nitroaniline	50u
534-52-1	4,6-Dinitro-2-Methylphenol	50u
86-30-6	N-Nitrosodiphenylamine (1)	10u
101-55-3	4-Bromophenyl-phenylether	10u
118-74-1	Hexachlorobenzene	10u
87-86-5	Pentachlorophenol	50u
85-01-8	Phenanthrene	10u
120-12-7	Anthracene	10u
84-74-2	Di-n-Butylphthalate	10u
206-44-0	Fluoranthene	10u
129-00-0	Pyrene	10u
85-68-7	Butylbenzylphthalate	10u
91-94-1	3,3'-Dichlorobenzidine	20u
56-55-3	Benz(a)Anthracene	10u
117-81-7	bis(2-Ethylhexyl)Phthalate	10u
218-01-9	Chrysene	10u
117-84-0	Di-n-Octyl Phthalate	10u
205-99-2	Benz(b)Fluoranthene	10u
207-08-9	Benz(k)Fluoranthene	10u
50-32-8	Benz(a)Pyrene	10u
193-39-5	(Indeno(1,2,3-cd)Pyrene	10u
53-70-3	Dibenz(a,h)Anthracene	10u
191-24-2	Benz(g,h,i)Perylene	10u

(1)-Cannot be separated from diphenylamine

Laboratory Name Cambridge Analytical Associates  
 Case No 7204

Sample Number  
 BK 239

Organics Analysis Data Sheet  
 (Page 3)

Pesticide/PCBs

Concentration: Low Medium (Circle One)

GPC Cleanup  Yes  No

Date Extracted/Prepared: 5/4/87

Separatory Funnel Extraction  Yes

Date Analyzed 5/31/87

Continuous Liquid - Liquid Extraction  Yes

Conc/Dil Factor: 1

Percent Moisture (decanted)       

CAS Number		<u>ug/l or ug/Kg</u> (Circle One)
319-84-6	Alpha-BHC	0.05U
319-85-7	Beta-BHC	0.05U
319-86-8	Delta-BHC	0.05U
58-89-9	Gamma-BHC (Lindane)	0.05U
76-44-8	Heptachlor	0.05U
309-00-2	Aldrin	0.05U
1024-57-3	Heptachlor Epoxide	0.05U
959-98-8	Endosulfan I	0.05U
60-57-1	Dieldrin	0.1U
72-55-9	4,4'-DDE	0.1U
72-20-8	Endrin	0.1U
33213-65-9	Endosulfan II	0.1U
72-54-8	4,4'-DDD	0.1U
1031-07-8	Endosulfan Sulfate	0.1U
50-29-3	4,4'-DDT	0.1U
72-43-5	Methoxychlor	0.5U
53494-70-5	Endrin Ketone	0.1U
57-74-9	Chlordane	0.5U
8001-35-2	Toxaphene	1.0U
12674-11-2	Aroclor-1018	0.5U
11104-28-2	Aroclor-1221	0.5U
11141-16-5	Aroclor-1232	0.5U
53469-21-9	Aroclor-1242	0.5U
12672-29-6	Aroclor-1248	0.5U
11097-69-1	Aroclor-1254	0.5U
11096-82-5	Aroclor-1260	0.5U

$V_1$  = Volume of extract injected (ul)

$V_2$  = Volume of water extracted (ml)

$W_2$  = Weight of sample extracted (g)

$V_3$  = Volume of total extract (ul)

$V_2$  1000ml or  $W_2$          $V_1$  10,000ul  $V_3$  3ul

7204

Sample Number  
BK239

Organics Analysis Data Sheet  
(Page 4)

00348

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/kg)
1.	dihydro-2(3H)-furanone	BNA	8.68	295
2.	none detected	VOA		
3.				
4.				
5.				
6.				
7.				
8.				
9.				
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# ACTS TESTING LABS, INC.

3916 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300  
120 West 41st Street • New York, N.Y. 10036 • (212) 302-6780

TECHNICAL REPORT 6-0681E

January 16, 1987

Mr. Gregory Stubbs  
SPAULDING FIBRE COMPANY

## OBJECT:

Analyses of two well water samples for EPA 601 and 602, Chemical Oxygen Demand (COD), Phenols, and Total Halogenated Organics (THO's). The samples were identified as GW Well A and GW Well B. The samples were received on December 18, 1986.

## RESULTS:

	<u>GW Well A</u>	<u>GW Well B</u>
COD	3.0	3.0
Phenols	0.033	0.011
THO's	0.002	0.002

EPA 601 & 602: See Tables I & II.

Results are reported in milligrams per liter (parts per million).  
THO's are expressed as Lindane.

## EXPERIMENTAL:

The COD and Phenols concentrations were determined using methodology from the "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

The THO's were determined using approved New York State Department of Environmental Conservation methodology (Extraction, Concentration, and analysis using Gas Chromatography with Electron Capture Detection).

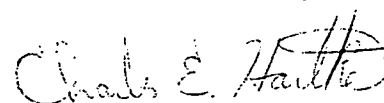
Volatile Organics were determined using United States Environmental Protection Agency approved methodologies (EPA Method 601: Purge and Trap Gas Chromatography with Electrolytic Conductivity Detection and EPA Method 602: Purge and Trap Gas Chromatography with Photo-Ionization Detection).

ACTS TESTING LABS, INC.



Elmer K. Gerbracht  
Technical Director

ACTS TESTING LABS, INC.



Charles E. Hartke  
Chemistry Laboratory Manager

/sms

Our reports and letters are for the exclusive use of the client to whom/which they are addressed. Communication of ACTS Testing Labs, Inc. reports and letters to any others and/or use of the name of ACTS Testing Labs, Inc. requires our prior written approval. Our letters and reports are limited solely (i) to standards and procedures identified in them and (ii) to the sample(s) tested. Test results are not necessarily indicative nor representative (i) of the quality of the lot from which the sample was taken or (ii) of apparently similar or identical products. Unless otherwise stated, it is the responsibility of the client to insure the representativeness of the samples submitted to ACTS Testing Labs, Inc. for testing.

TECHNICAL REPORT: 6-0681EDATE: January 16, 1987CLIENT: SPAULDING FIBRE COMPANYEPA SERIES 602TEST PARAMETERSAMPLE IDENTIFICATIONGW WELL AGW WELL B

Benzene	LT 0.001	LT 0.001		
Toluene	LT 0.001	LT 0.001		
Xylenes	LT 0.001	LT 0.001		
Ethylbenzene	LT 0.001	LT 0.001		
Chlorobenzene	LT 0.001	LT 0.001		
1,2-Dichlorobenzene	LT 0.001	LT 0.001		
1,3-Dichlorobenzene	LT 0.001	LT 0.001		
1,4-Dichlorobenzene	LT 0.001	LT 0.001		

NOTE: Results are reported in parts per million, micrograms per liter or kilogram

LT = Less Than

TECHNICAL REPORT: 6-0681E  
 CLIENT: SPAULDING FIBRE COMPANY

DATE: January 16, 1987

EPA SERIES 601

SAMPLE IDENTIFICATION

TEST PARAMTER	GW WELL A	GW Well B		
Bromochloromethane	LT 0.001	LT 0.001		
Bromodichloromethane	LT 0.001	LT 0.001		
Bromoform	LT 0.001	LT 0.001		
Bromomethane	LT 0.001	LT 0.001		
Carbon Tetrachloride	LT 0.001	LT 0.001		
Chlorobenzene	LT 0.001	LT 0.001		
2-Chloroethylvinyl Ether	LT 0.001	LT 0.001		
Chloroethane	LT 0.001	LT 0.001		
Chloroform	LT 0.001	LT 0.001		
Chloromethane	LT 0.001	LT 0.001		
Dibromochloromethane	LT 0.001	LT 0.001		
1,2-Dichlorobenzene	LT 0.001	LT 0.001		
1,3-Dichlorobenzene	LT 0.001	LT 0.001		
1,4-Dichlorobenzene	LT 0.001	LT 0.001		
Dichlorodifluoromethane	LT 0.001	LT 0.001		
1,1-Dichloroethane	LT 0.001	LT 0.001		
1,2-Dichloroethane	LT 0.001	LT 0.001		
1,1-Dichloroethene	LT 0.001	LT 0.001		
trans-1,2-Dichloroethene	LT 0.001	LT 0.001		
1,2-Dichloropropane	LT 0.001	LT 0.001		
cis-1,3-Dichloropropene	LT 0.001	LT 0.001		
trans-1,3-Dichloropropene	LT 0.001	LT 0.001		
Methylene Chloride	LT 0.001	LT 0.001		
1,1,2,2-Tetrachloroethane	LT 0.001	LT 0.001		
Tetrachloroethylene	LT 0.001	LT 0.001		
1,1,1-Trichloroethane	LT 0.001	LT 0.001		
1,1,2-Trichloroethane	LT 0.001	LT 0.001		
Trichloroethylene	LT 0.001	LT 0.001		
Trichlorofluoromethane	LT 0.001	LT 0.001		
Vinyl Chloride	LT 0.001	LT 0.001		

NOTE: Results reported in parts per million, micrograms per liter or kilogram.  
 LT = Less Than

Technical Report No.: \_\_\_\_\_  
 Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**CHAIN OF CUSTODY RECORD**

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street Tonawanda N.Y. 14151-5101  
           Number Street City State Zip  
 Contact: Gregory A. Stubbs Telephone: (716) 692-2000

**SAMPLE IDENTIFICATION**

Sample ID	Location	Date	Time (start-end) (24 hr. clock)	Sampler(name)
A-01	GW Well A	12-18-86	10:30	G. Stubbs, N. Overfield (DEC)
A-02	GW Well A	12-18-86	10:30	G. Stubbs, N. Overfield
A-03	GW Well A	12-18-86	10:30	G. Stubbs, N. Overfield
A-04	GW Well A	12-18-86	10:30	G. Stubbs, N. Overfield

**SAMPLE INFORMATION**

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
A-01	VGA / 40ml / None	Grab / Bailer PVC	Methods 601, 602	clear
A-02	VGA / 40ml / None	Grab / Bailer PVC	Methods 601, 602	clear
A-03	G / 1L / None	Grab / Bailer PVC	THO, Phenols	clear
A-04	G / 1L / H <sub>2</sub> SO <sub>4</sub>	Grab / Bailer PVC	COD, Phenols	clear

**CHAIN OF CUSTODY CHRONICLE**

Relinquished by: (print) Gregory A. Stubbs Organization: Spaulding Fibre Co. Inc  
 Signature: [Signature] Date: 12-18-86 Time: 5:55

Accepted by: (print) Connie Finocchi Organization: ACTS Testing Labs  
 Signature: Connie A. Finocchi Date: 12-18-86 Time: 5:55 P.M.

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



Technical Report No.: \_\_\_\_\_  
 Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**CHAIN OF CUSTODY RECORD**

Company: Spaulding Fibre Company, Inc.  
 Facility/Site: Industrial Plastics Division  
 Address: 310 Wheeler Street Tonawanda N.Y. 14151-5101  
Number Street City State Zip  
 Contact: Gregory A. Stubbs Telephone: (716) 692-2000

**SAMPLE IDENTIFICATION**

Sample ID	Location	Date	Time (start-end) (24 hr. clock)	Sampler(name)
B-01	GW Well B	12-18-86	10:15	G. Stubbs, N. Overfield (DEC)
B-02	GW Well B	12-18-86	10:15	G. Stubbs, N. Overfield
B-03	GW Well B	12-18-86	10:15	G. Stubbs, N. Overfield
B-04	GW Well B	12-18-86	10:15	G. Stubbs, N. Overfield

**SAMPLE INFORMATION**

Sample ID	Bottle Type/Size/Preserv.	Sample Type	Analysis Required	Field Observations
B-01	VOR/40ml/None	Grab/ <sup>PVC</sup> bailey	EPA Methods 601, 602	clear liquid
B-02	VOR/40ml/None	Grab/ <sup>PVC</sup> bailey	EPA Methods 601, 602	clear liquid
B-03	G/1L/None	Grab/ <sup>PVC</sup> bailey	TMO, <del>Phenols</del>	clear liquid
B-04	G/1L/H <sub>2</sub> SO <sub>4</sub>	Grab/ <sup>PVC</sup> bailey	COD, Phenols	clear liquid

**CHAIN OF CUSTODY CHRONICLE**

Relinquished by: (print) Gregory A. Stubbs Organization: Spaulding Fibre Co. Inc.  
 Signature: [Signature] Date: 12-18-86 Time: 5:55

Accepted by: (print) George Finnick Organization: APTS Testing Labs  
 Signature: [Signature] Date: 12-18-86 Time: 5:55 PM

Relinquished by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Accepted by: (print) \_\_\_\_\_ Organization: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_



**Spaulding**  
Fibre Company, Inc.

J. TYBERT *JW*  
A. TAYLOR *AT*

Industrial Plastics Division  
310 Wheeler Street, Tonawanda, New York 14151-5101  
716-692-2000

*892*

June 12, 1986

Peter J. Buechi, P.E.  
N.Y.S.D.E.C.  
600 Delaware Avenue  
Buffalo, New York 14202-1073

Dear Mr. Buechi:

Enclosed are the latest analytical results from samples collected from the two monitoring wells located adjacent to Drum Disposal Site No. 915050B.

Yours truly,

*Roy W. Morris*

Roy W. Morris, P.E.  
Manager-Plant Engineering  
& Maintenance

mm

Enclosure

cc: J. Johnstone

# ACTS TESTING LABS, INC.

3916 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300  
120 West 41st Street • New York, N.Y. 10036 • (212) 302-6780  
TECHNICAL REPORT 6-6645 June 11, 1986

Mr. Roy Morris  
SPAULDING FIBRE COMPANY

## OBJECT:

Analysis of two well water samples for Chemical Oxygen Demand (COD), Phenols, and Total Halogenated Organics (THO's). The samples were identified as Upstream and Downstream Wells. Two samples were received on May 5, and an additional two on May 12 because of insufficient volume to perform the tests required.

## RESULTS:

<u>Parameter</u>	<u>Sample Date</u>	<u>Upstream Well</u>	<u>Downstream Well</u>
COD	5/5	6.5	5.4
Phenols	5/5	LT 0.001	LT 0.001
THO's	5/12	LT 0.001	LT 0.001

Results are reported in milligrams per liter (parts per million).  
THO's are expressed as Lindane.  
LT = Less Than

## EXPERIMENTAL:

The COD and Phenols concentrations were determined using methodology from the "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

The THO's were determined using approved New York State Department of Environmental Conservation methodology (Extraction, Concentration and analysis using Gas Chromatography with Electron Capture Detection).

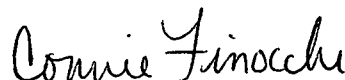
Appropriate standards and blanks were run to calibrate the analytical methodology and instrumentation.

ACTS TESTING LABS, INC.



Elmer K. Gerbracht  
Technical Director

ACTS TESTING LABS, INC.

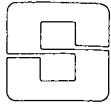


Connie A. Finocchi  
Chemistry Laboratory Supervisor

/sms

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JUN 17 1986

STATE DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9



**Spaulding**  
Fibre Company, Inc.

*TAYYEBI*  
**Industrial Plastics Division**

*PJD*  
310 Wheeler Street, Tonawanda, New York 14151-5101  
716-692-2000

November 7, 1985

Peter J. Buechi, P.E.  
N. Y. S. D. E. C.  
600 Delaware Avenue  
Buffalo, New York 14202-1073

Dear Mr. Buechi:

Enclosed are the latest analytical results from samples collected from the two monitoring wells located adjacent to Drum Disposal Site No. 915050B.

Yours truly,

*Kenneth E. Kasprzak (encl.)*

Kenneth E. Kasprzak, C.H.M.M.  
Environmental Compliance Analyst

mm

Enclosure

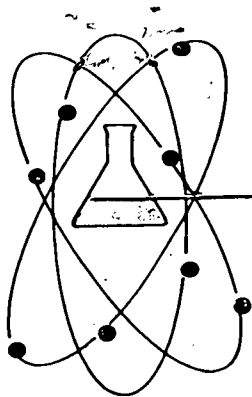
cc: R. Preibisch  
J. Johnstone

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**NOV 12 1985**

**MYC DEPT. 100  
ENVIRONMENTAL DIV.  
KEMPER S. HEADQUARTERS**



# ACTS TESTING LABS, INC.

3916 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT 5-11347

November 5, 1985

Mr. Kenneth Kasprzak  
SPAULDING FIBRE COMPANY

## SUBJECT:

Analysis of two samples received on October 17, 1985 from Spaulding Fibre Company, 310 Wheeler Street, Tonawanda, New York.

## RESULTS:

	<u>UPSTREAM WELL</u>	<u>DOWNSTREAM WELL</u>
COD	1.0	18.7
Phenols	0.005	LT 0.001
Total Halogenated Organics (as Lindane)	0.002	0.001

LT = Less Than

The above results are reported as milligrams per liter (mg/l.)

## EXPERIMENTAL:

COD and phenols analyses were conducted according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

Total halogenated organics were analyzed by Electron Capture Gas Chromatography according to New York State Department of Health procedures.

ACTS TESTING LABS, INC.

Daniel P. Murtha, Ph.D.  
Laboratory Director

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NOV 12 1985

NYS DEPT.  
ENVIRONMENTAL CONSERVATION  
STATE OF NEW YORK





*L. CLARE K*  
*A. TR. V. B. AT* *PJD*

**Industrial Plastics Division**  
310 Wheeler Street, Tonawanda, New York 14151-5101  
716-692-2000

May 13, 1985

Peter J. Buechi, P.E.  
N. Y. S. D. E. C.  
600 Delaware Avenue  
Buffalo, New York 14202-1073

Dear Mr. Buechi:

Enclosed are the latest analytical results from samples collected from the two monitoring wells located adjacent to Drum Disposal Site No. 915050B.

Yours truly,

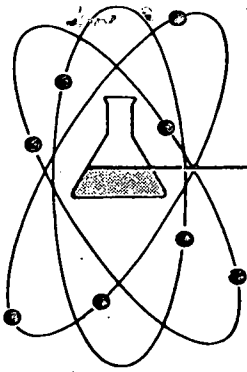
*Kenneth E. Kasprzak C.H.M.M.*

Kenneth E. Kasprzak, C.H.M.M.  
Environmental Compliance Analyst

mm

Enclosure

cc: R. Preibisch  
J. Johnstone



# ACTS TESTING LABS, INC.

3916 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT 5-4414

April 30, 1985

Mr. Kenneth Kasprzak  
SPAULDING FIBRE COMPANY

## OBJECT:

Analysis of two samples received on April 11, 1985 from Spaulding Fibre Company, 310 Wheeler Street, Tonawanda, New York.

## RESULTS:

	<u>Upstream Well</u>	<u>Downstream Well</u>
COD	10.2	15.4
Phenols	0.008	0.006
Total Halogenated Organics (as Lindane)	LT 0.001	LT 0.001

LT = Less Than

The above results are reported as milligrams per liter (mg/l).

## EXPERIMENTAL:

COD and phenols analyses were conducted according to the procedures listed in "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

Total halogenated organics were analyzed by Electron Capture Gas Chromatography according to New York State Department of Health procedures.

ACTS TESTING LABS, INC.

*Daniel P. Murtha*  
Daniel P. Murtha, Ph.D.  
Laboratory Director

/sms

RECEIVED  
MAY 14 1985  
N.Y.S.D.E.C.



TATYVEDI AS  
RJA

**Industrial Plas Division**  
310 Wheeler Street, Tonawanda, New York 14151-5101  
716-692-2000

File

November 15, 1984

Peter J. Buechi, P.E.  
N. Y. S. D. E. C.  
600 Delaware Avenue  
Buffalo, New York 14202-1073

Dear Mr. Buechi:

Enclosed are the latest analytical results from samples collected from the two monitoring wells located adjacent to the Drum Disposal Site No. 915050B.

Very truly yours,

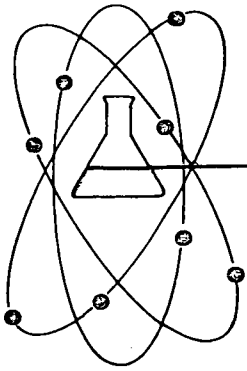
A handwritten signature in cursive script that reads "Kenneth E. Kasprzak".

Kenneth E. Kasprzak  
Environmental Compliance Analyst

mm

Enclosure

cc: J. Panarites  
R. Preibisch



# ACTS TESTING LABS, INC.

3916 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT 4-1079

November 13, 1984

Mr. Kenneth Kasprzak  
SPAULDING FIBRE COMPANY

## OBJECT:

Analysis of two well water samples received on October 29, 1984 for Chemical Oxygen Demand (COD), Phenol and Total Halogenated Organics (THO).

## RESULTS:

<u>Sample</u>	<u>COD</u>	<u>Phenol</u>	<u>THO as Lindane</u>
Downstream 10/26/84	35.0	LT 0.002	LT 0.001
Upstream 10/26/84	30.0	LT 0.002	LT 0.001

All values are reported in milligrams per liter (parts per million).

LT = Less Than

## EXPERIMENTAL:

The COD and Phenol concentrations were determined using methodology from "Standard Methods for the Examination of Water and Wastewater", 14th Edition, 1975.

The Total Halogenated Organics were determined using United State Environmental Protection Agency approved Methodology.

ACTS TESTING LABS, INC.

Elmer K. Gerbracht  
Technical Director

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**NOV 19 1984**

**NYS DEPARTMENT  
ENVIRONMENTAL CONSERVATION  
REGION 9 HEADQUARTERS**



**Spaulding**  
**Fibre Company, Inc.**  
A NORTEK COMPANY

**Industrial Plastics Division**

310 Wheeler Street, Tonawanda, New York 14151-5101  
716-692-2000

April 30, 1984

Peter J. Buechi, P.E.  
N. Y. S. D. E. C.  
600 Delaware Avenue  
Buffalo, New York 14202-1073

Dear Mr. Buechi:

Enclosed is the latest analytical results from samples collected from the two monitoring wells located adjacent to the Drum Disposal Site No. 915050B.

The sampling protocol used is also included.

Yours truly,

Leonard F. Oseekey  
Manager Plant Engineer

mm

Enclosures

cc: K. Kasprzak  
R. Preibisch  
M. Way



**Spaulding**  
**Fibre Company, Inc.**  
A NORTEK COMPANY

**Industrial Plastics Division**

310 Wheeler Street, Tonawanda, New York 14151-5101  
716-692-2000

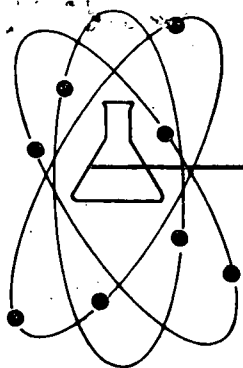
Spaulding's two monitoring wells were first completely evacuated of any standing water in the casing using a gasoline powered pump. The suction line, complete with foot valve on the bottom, was lowered to the bottom of the well casing. The pump was primed, started, and run until no further pumping occurred.

Prior to evacuation of the casing the water level in each well was approximately 3 feet below the surface. After pumping, the water level was not visible and each well was assumed empty.

The following morning 24 hours after well casing pumping the samples were taken. The upstream well level remained at its previously observed 3 feet below ground level. The downstream well's water level had risen in the casing to a level approximately 10 feet below ground level.

The grab samples were taken by lowering a cleaned, scrubbed with Alconox and triplely rinsed with distilled water, sample bottle on a string down the casing and dropping the bottle a short distance into the water until the bottle was full. The bottle, prior to obtaining the sample for analysis, was rinsed with the well water twice. The bottles were tightly capped and immediately sent to the lab for analysis.





# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT 4-5527

April 20, 1984

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY

## OBJECT:

Analysis of two well water samples received on April 5, 1984 for Chemical Oxygen Demand (COD), Phenol and Total Halogenated Organics (THO).

## RESULTS:

<u>Sample</u>	<u>COD</u>	<u>Phenol</u>	<u>THO</u>
Upstream 4/4/84	10.4	0.012	LT 0.001
Downstream 4/4/84	5.9	0.058	LT 0.001

All values are reported in milligrams per liter (parts per million).

LT = Less Than

THO values are expressed as Lindane.

## EXPERIMENTAL:

The COD and Phenol concentrations were determined using methodology from "Standard Methods for the Examination of Water and Wastewater," 15th Edition, 1980.

The total Halogenated Organics were determined using United States Environmental Protection Agency approved Methodology.

ACTS TESTING LABS, INC.

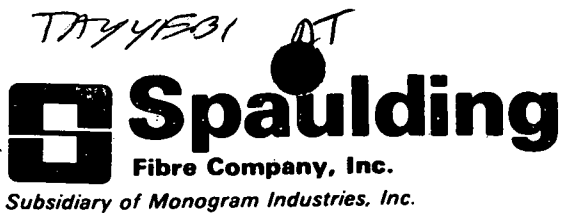
Elmer K. Gerbracht  
Technical Director

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MAY 1 1984

N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 2 HEADQUARTERS



FNE: SPULDING PJD

**Industrial Plastics Division**  
310 Wheeler Street, Tonawanda, New York 14151-5101  
716-692-2000

November 1, 1983

Peter J. Buechi, P.E.  
N. Y. S. D. E. C.  
600 Delaware Avenue  
Buffalo, New York 14202-1073

Dear Mr. Buechi:

Enclosed is the latest analytical results from samples collected from the two monitoring wells located adjacent to the Drum Disposal Site No. 915050B.

Sampling and testing were done in accordance with agreed to protocol per April 12, 1983, letter of transmittal.

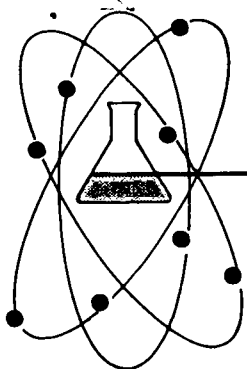
Yours truly,

L. F. Oseekey  
Manager of Plant Engineering

mm

Enclosure

cc: R. A. Preibisch  
M. G. Way



# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT  
3-4487

October 28, 1983

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY

OBJECT:

Analysis of two well water samples, received on September 29, 1983 for Chemical Oxygen Demand (COD), Phenol and Total Halogenated Organics (THO).

RESULTS:

<u>Sample</u>	<u>COD</u>	<u>Phenol</u>	<u>THO</u>
Landfill Well Upstream	100	LT 0.03	LT 0.01
Landfill Well Downstream	5.3	LT 0.03	LT 0.01

All values are reported in milligrams per liter (parts per million).

LT - Less Than

THO values are expressed as lindane

EXPERIMENTAL:

The COD and Phenol concentrations were determined using methodology from "Standard Methods for the Examination of Water and Wastewater", 15th Edition, 1980.

The Total Halogenated Organics were determined using United States Environmental Protection Agency approved Methodology.

ACTS TESTING LABS, INC.

  
Elmer K. Gerbracht  
Technical Director

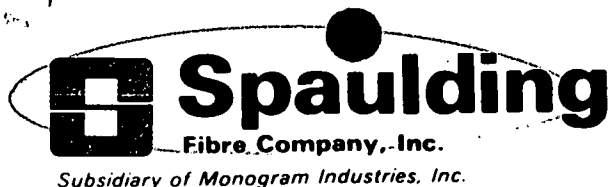
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RECEIVED

NOV 2 1983

N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 8, HEMPSTEAD

Rile



Industrial Plastics Division  
310 Wheeler Street. Tonawanda. New York 14150  
716-692-2000

TAYYEBI AT

PJB

PROTOCOL DOES NOT  
INDICATE THAT WELLS  
ARE BAILED.

April 12, 1983

Peter J. Buechi, P.E.  
N. Y. S. D. E. C.  
600 Delaware Avenue  
Buffalo, New York 14202-1073

Dear Mr. Buechi:

Enclosed is the latest analytical results from samples collected from the two monitoring wells located adjacent to the drum disposal site #915050B. Antimony analysis has been replaced by total halogenated organics as per your letter dated November 19, 1982.

The requested sampling protocol and water level readings and elevations are also included.

The sample designated Landfill Well Up-4' is that taken from the upstream groundwater sampling well. Likewise, the sample designated Landfill Down-5' is that one sampled from the downstream groundwater sampling well.

Yours truly,

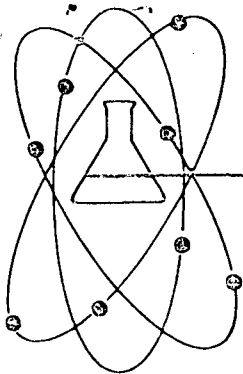
A handwritten signature in cursive script that reads "L. F. Oseekey".

L. F. Oseekey  
Manager Plant Engineering

mm

Enclosures

cc: M. G. Way  
R. A. Preibisch



# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

April 8, 1983

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY

OBJECT:

Analysis of one Landfill Well Up-4' and one Landfill Down 5' sample received on March 17, 1983.

RESULTS:

	<u>Landfill Well Up-4'</u>	<u>Landfill Down 5'</u>
COD	16.0	53.5
Phenols	LT 0.03	LT 0.03
Total Chlorinated Hydrocarbons	0.0082	0.013

LT = Less Than

All results are reported as milligrams per liter (mg/l).

EXPERIMENTAL:

Phenols and COD were analyzed according to "Standard Methods for the Examination of Water and Wastewater, 15th Edition, 1980.

Total Chlorinated Hydrocarbons were analyzed by Electron Capture Gas Chromatography according to New York State Department of Health approved procedures. Results are reported relative to lindane.

ACTS TESTING LABS, INC.

*Daniel P. Murtha*  
Daniel P. Murtha, Ph.D.  
Laboratory Director

gaj

GROUNDWATER MONITORING WELL  
SAMPLING PROCEDURE

The sample bottles to be used are thoroughly scrubbed with Alconox detergent, rinsed five (5) times with tap water, and a final rinse with distilled water.

The bottles are securely tied at the bottle neck with about ten (10) feet of string and slowly lowered down the well. The bottle is dropped the final 1-2 feet to the surface of the water. The bottle is retrieved, its contents swirled, and discarded. The bottle is lowered, as before, and repeated until the entire bottle is filled. It is then sealed, marked, and sent to a certified, outside laboratory for analysis.

The last sampling was performed 3/16/83.

The floor elevation of the facility is 102.0 feet. The downstream well has a ground level elevation of 101.0 feet and a water level elevation of 96.0 feet. The upstream well has a ground level elevation of 100.0 feet and a water level elevation of 96.0 feet. .

According to the U.S.G.S. topographical map, Tonawanda West Quadrangle, Spaulding Fibre's upsteam well is approximately 600 feet above sea level.



**RECEIVED**

**APR 14 1983**

**N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9 HEADQUARTERS**



Subsidiary of Monogram Industries, Inc

Industrial Plastic Division

40 Wheeler Street Tonawanda, New York 14150  
716-662-2000

rec'd - 1/4/83

January 4, 1983

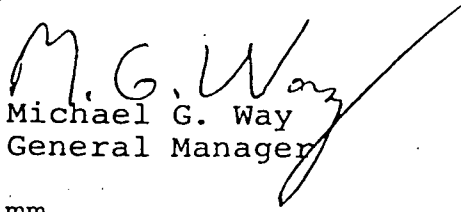
Mr. Jonathan Josephs  
Chemical Engineer  
Solid Waste Branch  
26 Federal Plaza  
New York, New York 10278

Dear Mr. Josephs:

Enclosed is the information requested in your letter dated September 21, 1982, which was not available at the time of our reply on November 29, 1982. A copy has been forwarded to Tom Taccone, Permits Administration Branch, as per your instructions.

Feel free to contact us if any further information is needed.

Very truly yours,

  
Michael G. Way  
General Manager

mm

Enclosures (8)

cc: T. Taccone                    K. Kasprzak  
R. Preibisch                    L. Oseekey

Item #5

The Industrial Plastics Division of Spaulding Fibre manufactures and/or uses basically three different types of resins: phenolic, epoxy and melamine.

From experience and knowledge of these resins, we have determined that none of the three types can be considered corrosive or reactive by EPA definition.

The results of the phenolic resin testing were reported in our response dated November 29, 1982.

Upon testing the epoxy resin waste for ignitability, a flash point (closed cup) of 45° F was received. EP toxicity was not performed as the flash point automatically makes the waste hazardous.

Since the ignitability testing of the melamine resin waste resulted in a flash point (closed cup) of greater than 150° F, EP toxicity was performed. The results are attached.

The results of the hazardous waste characterization performed on the resin reaction water are also attached.

ACTS TESTING LABS, INC.

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY, INC.

January 3, 1983  
Page One

INTRODUCTION:

The following sample was received at ACTS Testing Labs, 3900 Broadway, Buffalo, New York on December 9, 1982 and evaluated for one or more of the Hazardous Waste Characteristics of Ignitability, Corrosivity, Reactivity and EP Toxicity as defined in Title 40, CFR, Part 261.

All analyses were conducted according to "Test Methods for the Evaluation of Solid Waste Physical/Chemical Methods", EPA.

URELAMINE RESIN (WASTE) SAMPLE

ACTS TESTING LABS. INC.

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY, INC.

January 3, 1983  
Page Two

ANALYTICAL RESULTS

EP TOXICITY (261.24)(Metals Only)

	<u>Melamine Resin (Waste)</u>	<u>EPA LIMIT</u>
Barium	LT 0.01	5.0
Cadmium	LT 0.5	100.0
Chromium (Hexavalent)	0.10	1.0
Lead	LT 0.05	5.0
Mercury	LT 0.5	5.0
Selenium	LT 0.02	0.2
Silver	LT 0.01	1.0
	LT 0.05	5.0

EP Toxicity results are reported as milligrams of contaminant per liter of leachate.

LT = Less Than

ACTS TESTING LABS, INC.

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY, INC.

January 3, 1982  
Page Three

CONCLUSION:

The above sample received on December 9, 1982, DOES NOT EXHIBIT the Hazardous Waste Characteristic of EP TOXICITY (Metals Only).

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY, INC.

November 17, 1982  
Page One

INTRODUCTION:

The following sample was received at ACTS Testing Labs, 3900 Broadway, Buffalo, New York on October 28, 1982 and evaluated for one or more of the Hazardous Waste Characteristics of Ignitability, Corrosivity, Reactivity and EP Toxicity as defined in Title 40, CFR, Part 261.

All analyses were conducted according to "Test Methods for the Evaluation of Solid Waste Physical/Chemical Methods", EPA.

RIX WATER SAMPLE

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY, INC.

November 17, 1982  
Page Two

ANALYTICAL RESULTS

IGNITABILITY (261.21)

°F

GT 140

RIX WATER SAMPLE

GT = Greater Than

CORROSIVITY (261.22)

pH Units

4.60

RIX WATER SAMPLE

REACTIVITY (261.23)

Cyanide  
at pH 2

Sulfide  
at pH 2

2.7

LT 0.1

RIX WATER SAMPLE

LT = Less Than

In addition, the sample IS stable, DOES NOT react with water,  
and IS NOT capable of detonation.  
Cyanide and sulfide results are reported as milligrams per  
liter (mg/l).



Mr. Leonard Oseekey  
 SPAULDING FIBRE COMPANY, INC.

November 17, 1982  
 Page Three

ANALYTICAL RESULTS

EP TOXICITY (261.24)

	<u>RIX WATER SAMPLE</u>	<u>EPA LIMIT</u>
Endrin	LT 0.0001	0.02
Lindane	LT 0.0002	0.4
Methoxychlor	LT 0.00002	10.0
Toxaphene	LT 0.0001	0.5
	LT 0.0001	10.0
	LT 0.0001	1.0
Arsenic	0.004	5.0
Barium	LT 0.1	100.0
Cadmium	0.02	1.0
Chromium (Hexavalent)	LT 0.01	5.0
Lead	LT 0.1	5.0
Mercury	LT 0.002	0.2
Selenium	0.004	1.0
Silver	LT 0.01	5.0

EP Toxicity results are reported as milligrams of contaminant per liter of leachate.

LT = Less Than

CTS TESTING LABS. INC.

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY, INC.

November 17, 1982  
Page Four

CONCLUSION:

The Rix Water Sample received on October 28, 1982 DOES NOT EXHIBIT the Hazardous Waste Characteristics of Ignitability, Corrosivity, Reactivity, and EP Toxicity.



**Spaulding**

Fibre Company, Inc.

Subsidiary of Monogram Industries, Inc

Industrial Pl Division  
600 Wheeler Street Tonawanda New York 14150  
716.642.2000

rec'd - 12/1/82

November 29, 1982

Mr. Jonathan Josephs  
Chemical Engineer  
Solid Waste Branch  
26 Federal Plaza  
New York, New York 10278

Dear Mr. Josephs:

Enclosed is the information requested in your letter dated September 21, 1982. A copy has been forwarded to Tom Taccone, Permits Administration Branch, as per your instructions.

Feel free to contact us if any further information is needed.

Very truly yours,

*M. G. Way*  
Michael G. Way  
General Manager

mm

Enclosures

cc: T. Taccone  
R. Preibisch  
K. Kasprzak

Mr. Leonard Oseekey  
SPAULDING FIBRE

October 20, 1982  
Page Two

RESULTS (continued):

B) CORROSIVITY:

Solid Sample: Corrosivity tests not applicable.

C) IGNITABILITY:

Solid Sample: Ignitability tests not applicable.

D) REACTIVITY:

Cyanide at pH 2        3.1 ppm

Sulfide at pH 2      LT 0.1 ppm

In addition the sample is stable, and does not react violently with water.

EXPERIMENTAL:

The sample was examined according to the requirements of Title 40, Code of Federal Regulations, Part 261.

CONCLUSION:

The treatment plant sample received on September 16, 1982 DOES NOT EXHIBIT the Hazardous Waste Characteristics of Ignitability, Corrosivity, or Reactivity but DOES EXHIBIT the characteristic of EP Toxicity due to cadmium.

ACTS TESTING LABS, INC.

  
Elmer K. Gerbracht  
Technical Director

bam

WASTE ANALYSIS PLAN  
FOR THE INDUSTRIAL PLASTICS DIVISION  
OF SPAULDING FIBRE COMPANY, INC.

SAMPLING PROCEDURE:

Representative samples of all wastes requiring analysis to properly treat or store them will be taken in the following manner:

Containerized Liquid Wastes - COLIWASA method described in "Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods."

Extremely Viscous Liquids (resins) - as per ASTM standard D140-70.

Soil-Like Material ( $Zn(OH)_2$  Sludge) - as per ASTM standard D1452-65 or "Waste Pile Sampler" described in "Samplers and Sampling Procedures for Hazardous Waste Streams."

FREQUENCY:

The various waste streams generated by, stored at, and treated by Spaulding Fibre Company, Industrial Plastics Division, are from a given source with little, if any, variation from the norm.

All waste drums generated are manifested as per our Standard Operating Procedure: Hazardous Waste Management. The "In-Plant Manifests" include a listing of the waste components and the approximate percentage of each component.

The waste management, heat recovery, and thermal treatment systems at Spaulding Fibre are capable of handling wastes, generated on-site, with a wide range of chemical compositions and are not dependent on a specific composition range to be effective.

Therefore, analysis will be performed only when there is reason to believe that the waste is manifested incorrectly and a problem may occur during treatment or storage, when a new waste is introduced into the system, or when a waste analysis is needed to treat, store or dispose of a waste off-site.

TEST PARAMETERS:

The following parameters were chosen based on Spaulding's knowledge of the waste generation processes and the waste components along with the expertise developed for heat recovery and thermal treatment processes.

The analyses will indicate the resin content, solvent content and identification, pH, and any other components which could possibly alter the method of treating, storing, or handling of any waste generated.

TEST METHODS:

ACQUEOUS SOLUTIONS: pH; resin content (Spaulding Fibre test specifications HTS-2002); gas chromatographic analysis for solvents (volatiles).

SCRAP RESINS AND SOLVENTS: resin content (S.F.C. test spec. HTS-2002); water content (ASTM D-1364); gas chromatographic analysis for volatile solvents; gas chromatographic analysis for resin additives (plasticizers, hardeners, etc.); resin type (infrared spectroscopic analysis).

PYRIDINE (KARL FISCHER WATER TEST REAGENT): resin content (S.F.C. test spec. HTS-2002); pyridine content (ASTM D-2323); gas chromatographic analysis for volatile solvents.

All gas chromatographic techniques used are identical or similar to those methods identified in "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods."

# AO'S TESTING LABS, INC.

3900 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT

October 20, 1982

Mr. Leonard Oseekey  
SPAULDING FIBRE

SUBJECT:

Evaluation of one treatment plant sludge for Hazardous Waste Characteristics. The sample was received on September 16, 1982.

RESULTS:

A) E.P. TOXICITY

<u>Parameters</u>	<u>Result</u>	<u>EPA Limit</u>
Arsenic	0.012	5.0
Barium	LT 0.1	100.0
Cadmium	3.9	1.0
Hexavalent Chromium	0.04	5.0
Lead	LT 0.1	5.0
Mercury	LT 0.002	0.2
Selenium	LT 0.002	1.0
Silver	0.02	5.0
Endrin	LT 0.00005	0.02
Lindane	LT 0.00002	0.04
Methoxychlor	LT 0.0006	10.0
Toxaphene	LT 0.0006	0.05
2,4-D	LT 0.00003	10.0
2,4,5-TP	LT 0.00003	1.0

LT = Less Than

All results are reported as milligrams per liter (mg/l).

IWO →

TRAYERS 1-A

BUECHI R12 FYI & FILE



Industrial Plastics Division  
310 Wheeler Street, Tonawanda, New York 14150  
716-692-2000

File

MJ 3m  
BRUCE B. WAGER  
copy to Solid Waste

October 21, 1982

John McMahon, P.E.  
Regional Engineer  
New York State Department  
of Environmental Conservation  
600 584 Delaware Avenue  
Buffalo, New York 14202

Dear Mr. McMahon:

Enclosed are copies of test results from grab samples taken from two test wells installed upstream and downstream of the landfill, site containing approximately 700 drums of resin.

Landfill well by fence is the upstream well and landfill well by building is the downstream well.

Periodic sampling will continue and results forwarded to your office.

If you have any questions, please feel free to contact me at 716-692-2000.

Very truly yours,

L. F. Oseekey (m.m.)

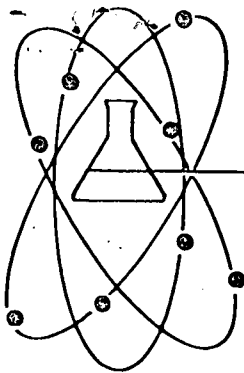
L. F. Oseekey  
Manager Plant Engineering

mm  
Enclosure

cc: M. G. Way  
R. A. Preibisch

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# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT

October 19, 1982

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY

OBJECT:

Analysis of two wastewater samples received from Spaulding Fibre Company, 310 Wheeler Street, Buffalo, New York on October 12, 1982.

RESULTS:

	10/11/82 Landfill Well By Fence (✓)	10/11/82 Landfill Well By Building (⊙)
Phenols	LT 0.03	LT 0.03
Antimony	LT 0.002	LT 0.002
COD	LT 1.0	14.0

LT = Less Than

The above results are reported as milligrams per liter (mg/l).

EXPERIMENTAL:

All analyses were conducted according to procedures listed in "Standard Methods for the Examination of Water and Wastewater", 15th Edition, 1980.

ACTS TESTING LABS, INC.

Thomas Knickerbocker  
Environmental Laboratory  
Coordinator

ACTS TESTING LABS, INC.

Daniel P. Murtha, Ph.D.  
Laboratory Director

 **Spaulding**  
Fibre Company, Inc.  
Subsidiary of Monogram Industries, Inc.

TRYED 1 ✓ File  
Industrial Plastics Division  
310 Wheeler Street, Tonawanda, New York 14150  
716-692-2000

January 21, 1982

BVECHI 277  
are you handling  
this site?  
f

John McMahon P.E.  
Regional Engineer  
New York State Department  
of Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

Dear Mr. McMahon:

Enclosed are copies of test results from grab samples taken from two test wells installed upstream and downstream of the landfill site containing approximately 700 drums of resin.

Well A is the upstream well and Well B is the downstream well.

Periodic sampling will continue and results forwarded to your office.

If you have any questions please feel free to contact me at 716-692-2000.

Very truly yours,

*L. F. Oseekey*

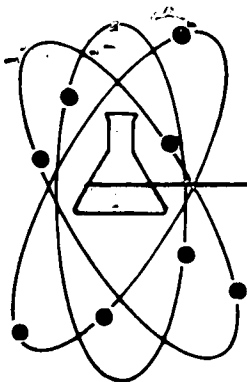
L. F. Oseekey  
Manager Plant Engineering

mak

cc: R Hunter  
R Preibisch

Enclosure

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JAN 25 1982  
N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9 HEADQUARTERS



# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N.Y. 14227-1192 • (716) 684-3300

TECHNICAL REPORT

December 29, 1981

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY

OBJECT:

Analysis of two wastewater samples received from Spaulding Fibre Company, 310 Wheeler Street, Buffalo, New York on December 10, 1981.

RESULTS:

	<u>Well A</u>	<u>Well B</u>
Phenol	LT 0.03	LT 0.03
Antimony	LT 0.002	LT 0.002
COD	LT 5	LT 5

LT - Less Than

The above results are reported as milligrams per liter (mg/l).

EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3, "Identification of Test Procedures", December 1, 1976.

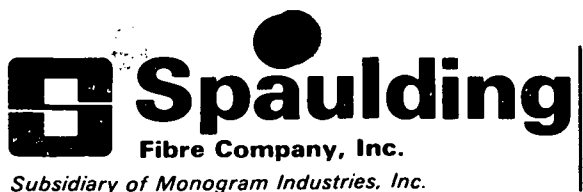
ACTS TESTING LABS, INC.

  
Elmer K. Gerbracht  
Technical Director

maf

915050-B

PJB



**Industrial Plastics Division**  
310 Wheeler Street, Tonawanda, New York 14150  
716-692-2000

April 9, 1981

**RECEIVED**

**APR 13 1981**

N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9: HEADQUARTERS

John McMahon P.E.  
Regional Engineer  
New York State Department  
of Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

Dear Mr. McMahon:

Enclosed are copies of test results from grab samples taken from two test wells installed upstream and downstream of the landfill site containing approximately 700 drums of resin.

Well A is the upstream well and Well B is the downstream well.

Periodic Sampling will continue and results forwarded to your office.

If you have any questions please feel free to contact me at 716-692-2000.

Very truly yours,

L. F. Oseekey  
Manager Plant Engineering

mak  
Enclosure  
cc: R Hunter  
R Preibisch



# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N. Y. 14227 • (716) 684-3300

TECHNICAL REPORT

April 8, 1981

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY

## OBJECT:

Analysis of two wastewater samples received from Spaulding Fibre Company, 310 Wheeler Street, Buffalo, New York on March 26, 1981.

## RESULTS:

	<u>Well A</u>	<u>Well B</u>
Phenol	0.21	0.26
Antimony	LT 0.005	LT 0.005
Chemical Oxygen Demand	7.7	11.5


The above results are reported as milligrams per liter (mg/l).

LT = Less Than

## EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3, "Identification of Test Procedures", December 1, 1976.

ACTS TESTING LABS, INC.



Elmer K. Gerbracht  
Laboratory Director

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APR 13 1981

N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9 HEADQUARTERS



Industrial Plastics Division  
310 Wheeler Street, Tonawanda, New York 14150  
716-692-2000

November 12, 1980

John McMahon P.E.  
Regional Engineer  
New York State Department  
of Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

1. JTD  
2. FILE

Dear Mr. McMahon:

Enclosed are copies of test results from grab samples taken from two test wells installed upstream and downstream of the landfill site containing approximately 700 drums of resin.

Well A is the upstream well and Well B is the downstream well.

Periodic sampling will continue and results forwarded to your office.

If you have any questions please feel free to contact me at 716-692-2000.

Very truly yours,

A handwritten signature in cursive script that reads "L. F. Oseekey".

L. F. Oseekey  
Manager Plant Engineering

mak

cc: R Hunter  
R Preibisch

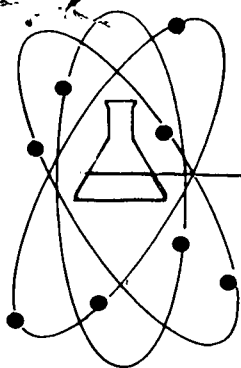
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NOV 13 1980

N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9 HEADQUARTERS





# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N. Y. 14227 • (716) 684-3300

TECHNICAL REPORT

November 7, 1980

Mr. Leonard Oseekey  
SPAULDING FIBRE COMPANY

## OBJECT:

Analysis of two wastewater samples received from Spaulding Fibre Company, 310 Wheeler Street, Buffalo, New York on October 23, 1980.

## RESULTS:

	<u>Well A</u>	<u>Well B</u>
Phenol	✓ LT 0.03	✓ LT 0.03
Antimony	LT 0.002	LT 0.002
Chemical Oxygen Demand	18.8	55.6

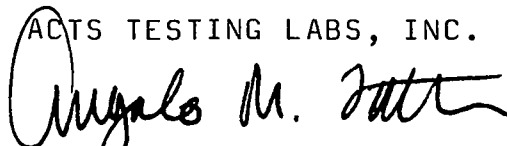
The above results are reported as milligrams per liter (mg/l).

LT = Less Than

## EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures", December 1, 1976.

ACTS TESTING LABS, INC.

  
Angelo M. Fatta, Ph.D.  
Technical Director

maf

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NOV 13 1980

N.Y.S. DEPT. OF  
ENVIRONMENTAL CONSERVATION  
REGION 9 HEADQUARTERS



Industrial Plastics Division  
310 Wheeler Street, Tonawanda, New York 14150  
716-692-2000

~~MITREZ~~

May 29, 1980

John McMahon PE  
Regional Engineer  
New York State Department  
of Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

*X46ERT-  
Pls. see me  
on this!*

*[Handwritten signature]*

Dear Mr. McMahon

Enclosed is a copy of the test results from grab samples taken from two test wells installed upstream and downstream of the land fill site containing approx. 700 Drums of Resins. Well No. 1 is the upstream well and Well No. 2 is the downstream well.

Periodic sampling will continue and results forwarded to your office.

If you have any questions please feel free to contact me at 716-692-2000.

Very truly yours,

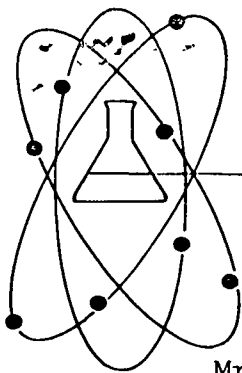
*L. F. Oseekey*

L. F. Oseekey  
Manager Plant Engineering

LFO:mak

Enclosure

cc: R Hunter  
R Preibisch



# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N. Y. 14227 • (716) 684-3300

TECHNICAL REPORT

May 28, 1980.

Mr. Leonard Oseekey  
Spaulding Fibre Company

OBJECT:

Analysis of two well water samples received from Spaulding Fibre Co.,  
310 Wheeler Street, Tonawanda, New York on May 15, 1980.

RESULTS:

	<i>CP</i> <u>Well #1</u>	<i>Dover</i> <u>Well #2</u>
COD, mg/l	7.9	19.9
Phenol, mg/l	0.23	0.19
Antimony, mg/l	<0.001	<0.001

<= less than

EXPERIMENTAL:

The analyses were performed according to the most recently published  
guidelines of Title 40, Code of Federal Regulations, Section 136.3  
"Identification of Test Procedures", December 1, 1976.

A.M. Fatta, Ph.D.  
Technical Director

AMF/sih

STATE OF NEW YORK  
CONSERVATION DEPT.  
DIV. OF WATER RESOURCES

MAY 3 1980

WESTERN REGION  
RECEIVED

 **Spaulding**  
Fibre Company, Inc.  
Subsidiary of Monogram Industries, Inc.

Industrial Plastics Division  
310 Wheeler Street, Tonawanda, New York 14150  
716-692-2000

*Brooklyn B*  
*OK*

*RJS*  
*SRJ*

January 4, 1980

John Mc Mahon, P.E.  
Regional Engineer  
New York State Department  
of Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

Dear Mr. Mc Mahon:

Enclosed is a copy of test results from grab samples taken from two test wells installed upstream and downstream of the landfill site containing approximately 700 drums of resin. Well #A is the upstream well and well #B is the downstream well.

Periodic sampling will be continued per your recommendation.

If you have any questions, please feel free to contact me at 716-692-2000.

Sincerely,

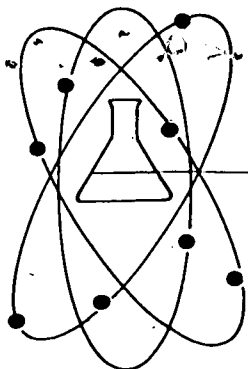
*L. F. Oseekey*

L. F. Oseekey  
Manager of Plant Engineering

mm

Enclosure

cc: R. Hunter  
R. Preibisch



# ACTS TESTING LABS, INC.

3900 Broadway • Buffalo, N. Y. 14227 • (716) 684-3300



TECHNICAL REPORT 9-699

January 3, 1980

Mr. Leonard Oseekey  
Spaulding Fibre Company

OBJECT:

Analysis of two well samples received from Spaulding Fibre Company, 310 Wheeler Street, Tonawanda, New York on 12/20/79 at 8:00 AM.

RESULTS:

	<u>Well #A</u>	<u>Well #B</u>
COD, mg/l	19.8	32.2
Phenol, mg/l	0.07	0.08
Antimony, mg/l	<0.005	<0.005

< = less than

EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures", December 1, 1976.

Richard C. Gessner  
Laboratory Manager

RCG/sih

RECEIVED

JAN 07 1990

N.Y.S. DEPT. OF  
Environmental Conservation  
Region 9 Poughkeepsie



October 16, 1979

John Mc Mahon, P.E.  
Regional Engineer  
New York State Department  
of Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

Dear Mr. Mc Mahon:

Enclosed are copies of test results from grab samples taken from two test wells installed upstream and downstream of the landfill site containing approximately 700 drums of resin. Well No. 1 is the upstream well and well No. 2 is the downstream well.

Per your recommendation, periodic sampling will be conducted with resultant test data forwarded to your office.

If you have any questions concerning this program, please feel free to contact me at 716-692-2000.

Very truly yours,

*L. F. Oseekey (m.m.)*

L. F. Oseekey  
Manager Plant Engineering

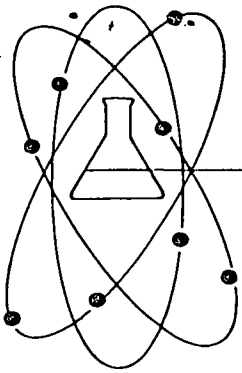
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Enclosures (2)

cc: R. Hunter  
R. Preibisch

*Bunker PST  
Tygart  
File: 15534*

*Are these  
res eng?  
Should not  
investigation  
of results  
be higher?*



# ACTS TESTING LABS, INC.

455 Cayuga Road • Buffalo, N.Y. 14225 • 716-634-8221

TECHNICAL REPORT 9-542

October 3, 1979

Mr. L. Oseekey  
Spaulding Fibre Company

OBJECT:

Analysis of two well samples received from Spaulding Fibre Company,  
310 Wheeler Street, Tonawanda, New York on 9/20/79 at 8:00 A.M.

RESULTS:

	<i>upstream</i> <u>Well #1</u>	<i>downstream</i> <u>Well #2</u>
COD, mg/l	24.4	50.1
Phenol, mg/l	0.15	0.08
Antimony, mg/l	<0.005	<0.005

< = less than

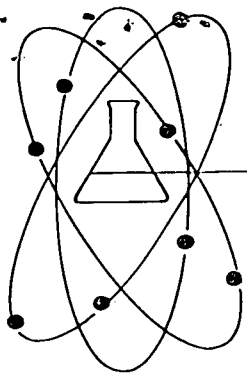
EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures", December 1, 1976.

*Richard Gessner*

Richard C. Gessner,  
Laboratory Manager

RCG/dk



# ACTS TESTING LABS, INC.

455 Cayuga Road • Buffalo, N.Y. 14225 • 716-634-8221

TECHNICAL REPORT 9-458

August 29, 1979

Mr. L. Oseekey  
Spaulding Fibre Company

OBJECT:

Analysis of two well samples received from Spaulding Fibre Company,  
310 Wheeler Street, Tonawanda, New York on 8/18/79 at 9:00AM.

RESULTS:

	<u>Well #1</u>	<u>Well #2</u>
COD, mg/l	26.5	49.1
Phenol, mg/l	0.04 ✓	0.03
Antimony, mg/l	<0.10	<0.10

< = less than

EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures", December 1, 1976.

A. M. Fatta, Ph.D.  
Laboratory Director

**RECEIVED**

OCT 18 1979

N.Y.S. Dept. of  
Environmental Conservation  
Region 9 Headquarters

*RJM*  
*mm*

May 31, 1979

John Mc Mahon, P.E. *(RGS)*  
Regional Engineer  
New York State Department  
of Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

*1. Tybert and F.Y.D.*  
*2. FILE! 15534*  
*mm*

Dear Mr. Mc Mahon:

Enclosed are copies of test results from grab samples taken from two test wells installed upstream and downstream of the landfill site containing approximately 700 drums of resin.

Sample marked No. 1 is the upstream well and sample marked No. 2 is the downstream well.

Per your recommendations, sampling will continue at two month intervals with resultant test data forwarded to your office.

If you have any questions concerning this program, please feel free to contact me at 716-692-2000.

Very truly yours,

*L.F. Oseekey*  
L. F. Oseekey  
Manager Plant Engineering

mm

Enclosures

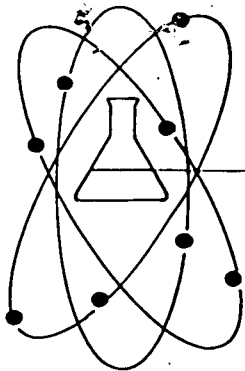
cc: R. Hunter  
R. Preibisch

**RECEIVED**

JUN 1 1979  
N.Y.S. Dept. of  
Environmental Conservation  
Region 9 Headquarters

**RECEIVED**

JUN 17  
N.Y.S. Dept. of  
Environmental Conservation  
Region 9 Headquarters



# ACTS TESTING LABS, INC.

455 Cayuga Road • Buffalo, N.Y. 14225 • 716-634-8221

TECHNICAL REPORT 9-181

May 30, 1979

Mr. L. Oseekey  
Spaulding Fibre Company

OBJECT:

Analysis of two well samples received from Spaulding Fibre Company, 310 Wheeler Street, Tonawanda, New York on 3/22/79 at 8:00AM.

RESULTS:

	<u>Well #1</u>	<u>Well #2</u>
COD, mg/l	22.8	76
Phenol, mg/l	0.07	0.23
Antimony, mg/l	<0.01	<0.01

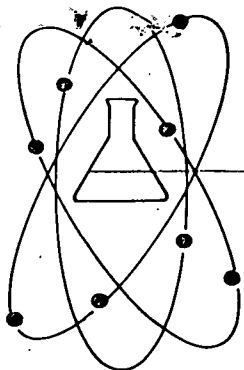
< = less than

EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures", (Standard Methods for the Examination of Water and Wastewater, 14th Edition 1975).

A. M. Fatta, Ph.D.  
Laboratory Director

*Noted  
RGS*



# ACTS TESTING LABS, INC.

455 Cayuga Road • Buffalo, N.Y. 14225 • 716-634-8221

TECHNICAL REPORT 9-302

May 30, 1979

Mr. L. Oseekey  
Spaulding Fibre Company

## OBJECT:

Analysis of two well samples received from Spaulding Fibre Company, 310 Wheeler Street, Tonawanda, New York on 5/17/79 at 7:45AM.

## RESULTS:

	<u>Well #1</u>	<u>Well #2</u>
COD, mg/l	93.0	38.8
Phenol, mg/l	0.18	0.24
Antimony, mg/l	<0.1	<0.1

< = less than

## EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures", December 1, 1976.

A. M. Fatta, Ph.D.  
Laboratory Director

*Noted*  
*RGS*



**RECEIVED**

JUN 1 1979

N.Y.S. Dept. of  
Environmental Conservation  
Region 9 Headquarters



Subsidiary of Monogram Industries, Inc.

Industrial Plastics Division  
310 Wheeler Street, Tonawanda, New York 14150  
716-692-2000

15557  
J. T. G. G. T.  
J. T. G. G. T.

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FEB 8 1979  
N.Y.S. Dept. of  
Environmental Conservation  
Region 9 Headquarters

February 6, 1979

John Mc Mahon, P.E., Regional Engineer  
New York State Department of  
Environmental Conservation  
584 Delaware Avenue  
Buffalo, New York 14202

Dear Mr. Mc Mahon:

Enclosed are copies of test results done on grab samples taken from two wells we had installed upstream and downstream of a land fill site containing approximately 700 drums of resins.

Sample marked No. 1 is the upstream well and sample marked No. 2 is the downstream well.

Per your recommendations, samples will again be taken at two month intervals and resultant test data forwarded to your office.

If you have any questions concerning this program, please feel free to contact me at 716-692-2000.

Very truly yours,

*L. F. Oseekey*

L. F. Oseekey  
Manager Plant Engineering

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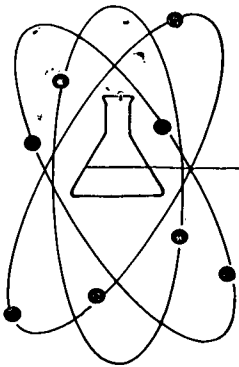
Enclosures (2)

cc: R. Hunter  
R. Preibisch

*J. T. G. G. T. -  
for your comments -  
mm*

*should include locations  
in well to confirm or check  
is representative  
a.w. still - please = .001  
ask for an explanation*

*[Signature]*



# ACTS TESTING LABS, INC.

455 Cayuga Road • Buffalo, N.Y. 14225 • 716-634-8221



TECHNICAL REPORT 9-005

February 1, 1979

Mr. L. Oseekey  
Spaulding Fibre Company

OBJECT:

Analysis of two well samples received from Spaulding Fibre Company, 310 Wheeler Street, Tonawanda, New York on 1/25/79 at 8:00AM.

RESULTS:

	<u>#1</u>	<u>#2</u>
COD, mg/l	78	59
Phenol, mg/l	0.22✓	0.09
Antimony, mg/l	LT 0.01	LT 0.01

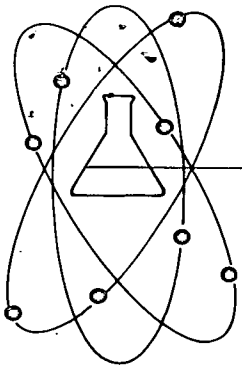
LT = less than

EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures" (Standard Methods for the Examination of Water and Wastewater, 14th Edition, 1975).

Analyst

A. M. Fatta, Ph.D.



# ACTS TESTING LABS, INC.

455 Cayuga Road • Buffalo, N.Y. 14225 • 716-634-8221

TECHNICAL REPORT 785-528

November 29, 1978

Mr. L Oseekey  
Spaulding Fibre Company

## OBJECT:

Analysis of two well samples received from Spaulding Fibre Company, 310 Wheeler Street, Tonawanda, New York on 11/23/78.

## RESULTS:

	<u>#1</u>	<u>#2</u>
COD, mg/l	175	89
Phenol, mg/l	LT 0.25/	0.10
Antimony, mg/l	LT 0.01	LT 0.01

LT = less than

## EXPERIMENTAL:

The analyses were performed according to the most recently published guidelines of Title 40, Code of Federal Regulations, Section 136.3 "Identification of Test Procedures" (Standard Methods for the Examination of Water and Wastewater), 14th Edition, 1975.

Analyst

A. M. Fatter, Ph.D.

**RECEIVED**

FEB 8 1979

N.A.S. Dept. of  
Environmental Conservation  
Region 9 Headquarters