

MONSANTO COMPANY

CORPORATE RESEARCH LABORATORY

PHYSICAL SCIENCES CENTER

MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

SHOP # 6

8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED	20.	65.
TOTAL NUMBER OF FIBERS COUNTED	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER	0.	

AIR FLOW	2.000	LITERS PER MINUTE
SAMPLING TIME	15.	MINUTES
TOTAL VOLUME OF AIR SAMPLED	30.000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.000

DATE 8-28-1978

REQUEST NO. 003433

FIELD SIZE = 0.003842 SQ. MM

FILTER SIZE = 835. SQ. MM

COUNTED BY JOHN RUPRECHT *John Ruprecht*

COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04331

LAM000162

**CHOCOLATE BAYOU
INDUSTRIAL HYGIENE
DATA TRANSMITTAL FORM**

HA	9946	99999	78	1
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10	G#00 BAYOU	MAINT (SH 6)	ROUTINE
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[illegible][illegible]

4.6

MONSANTO

SHIFT
1 = Day
2 = Evening
3 = Night
4 = Undetermined

LAM000163

AREA SKETCH AND COMMENTS

Sample By JCE Sample Collector _____
Tube No. _____ Mfg. USA _____
Pump No. 1 Serial No. _____
Start Time 0930 Calibration 22/11/11 _____
Stop Time 0945 Calib By _____
Net Minutes 15 Date _____
CTS. Start _____ Refer _____

Net _____
Volume Pumped 30 _____
Inst. Cal. At _____
Volume Corr. _____

Analysis

CVT

Pos. Int.

Analysis By _____

MAP 04333

MONSANTO COMPANY
CORPORATE RESEARCH LABORATORY
PHYSICAL SCIENCES CENTER
MICROSCOPY GROUP
ST. LOUIS

ASBESTOS FIBER COUNT

FOR- J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

SHOP - 4
8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED =	22.	65.
TOTAL NUMBER OF FIBERS COUNTED =	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD =	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER =	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER =	0.	

AIR FLOW =	2.000	LITERS PER MINUTE
SAMPLING TIME =	15.	MINUTES
TOTAL VOLUME OF AIR SAMPLED =	30.000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.000

DATE 8-28-1978 REQUEST NO. 003433
FIELD SIZE = 0.003642 SQ. MM FILTER SIZE = 835. SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04334

LAM000165

HA	0046	009999	78
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REMARKS:

DATE: _____

1.0	CHOC BAYOU	MAINT-TSH4	ROUTINE
-----	------------	------------	---------

02	20	001	ASBESTOS	001332214	45	200	US	000	15
	20								
	20								
	20								
	20								
	20								
	20								
	20								

3.0	81178	SHOP A-BELOW GASKET RACK
-----	-------	--------------------------

4.0		
-----	--	--

SHIFT
1 - Day
2 - Evening
3 - Night
4 - Undetermined

STANDARD TYPES
QS-OSHA
TL-TLV
DM-DMEH
BA-Biologic
OT-Other

UNIT CODES
MG-MG/Cu.M.
UG-1/Cu.M.
PP-Parts Per Million
PB-Parts Per Billion
OT-Other
DB-Decimal

SAMPLE TYPES
P Personal
B Breathing Zone
G-General Area
SS-Source Sample
F Fixed Point
O Other

DETERMINATION TYPES
T TWA
S-Stel
C Ceiling
O Other
N Not Applicable

MEASUREMENT TYPES
F Full Period Single
C Full Period Consecutive
P Partial Period
S Single Grab
G Series Grab
O Other

COLLECTION/DEVICE CODES
G Grab Sample
F Filter
D Duct
T Duct for Tube
N Duct for Tube
A Aspiration Tube
I Impinger/Bubbler
O Other

ANALYSIS CODES
C Chromatography
S Spectroscopy
G Gravimetric
E Ion Spectroscopy
X X-ray Diffraction
A Colorimetric
O Other

**CONTROL CODESLE Local Exhaust
PT Protective Equipment
HE Respirator
OT Other
ND None**

A full-page view of a blank sheet of white graph paper. The grid consists of thin, black horizontal and vertical lines intersecting at right angles to form small squares. There are approximately 20 columns and 20 rows visible on the page.

Sample By JCE

Tube No. _____

Pump No. _____

Start Time	
0930	

Stop Time 0945

Net Minutes 30

CTS. Start _____

CTS. Stop _____

Net _____

Volume Pumped 30

Inst. Cal. At _____

Volume Cont. _____

Analysis

MONSANTO COMPANY

CORPORATE RESEARCH LABORATORY

PHYSICAL SCIENCES CENTER

MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR- J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

PHENOL - 6
8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED	21.	65.
TOTAL NUMBER OF FIBERS COUNTED	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER	0.	

AIR FLOW	2.000	LITERS PER MINUTE
SAMPLING TIME	15.	MINUTES
TOTAL VOLUME OF AIR SAMPLED	30.000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.000

DATE 8-28-1978 REQUEST NO. 003433
FIELD SIZE = 0.003842 SQ. MM FILTER SIZE = 835. SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04339

LAM000170

HA	0046	00060	78
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REMARKS:

DATE:

1.0	CHOC BAYOU	PHENOL	5/10
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02	006	ASBESTOS	001332214	UG	000	15
2.0						
2.0						
2.0						
2.0						
2.0						
2.0						
2.0						

3.0	006	8/11/78	PHENOL-2	WALK THERY	B	S	S	S	S	S	SHIFT
											1 = Day
											2 = Evening
											3 = Night
											4 = Undetermined

4.0	006	EDWARDS	8/11/78	PHENOL-2	WALK THERY	ANALYSIS CODES	CONTROL CODES
						C Chromatography	LE Local Exhaust
						S Spectroscopy	PT Protective Equipment
						G Gravimetric	RE Respirator
						E Ion Specific Electrode	OT Other
						X X-ray Diffraction	N None
						A Centrifuge	
						I Impinger/Bubbler	
						Q Other	

5.0	006	509265134	MEASUREMENT TYPES	COLLECTION DEVICE CODES	ANALYSIS CODES	CONTROL CODES
			F Full Period Single	G Grati Sample	C Chromatography	LE Local Exhaust
			C Full Period Consecutive	F Filter	S Spectroscopy	PT Protective Equipment
			Partial Period	T Direct Reading Inst.	G Gravimetric	RE Respirator
			S Single Grab	D Detector Tube	E Ion Specific Electrode	OT Other
			G Series Grab	N Dosimeter	X X-ray Diffraction	N None
			Q Other	A Adsorption Tube	A Centrifuge	
				I Impinger/Bubbler	I Impinger/Bubbler	
				Q Other	Q Other	

6.0	006	7076	ANALYSIS CODES	CONTROL CODES
			C Chromatography	LE Local Exhaust
			S Spectroscopy	PT Protective Equipment
			G Gravimetric	RE Respirator
			E Ion Specific Electrode	OT Other
			X X-ray Diffraction	N None
			A Centrifuge	
			I Impinger/Bubbler	
			Q Other	

Analysis

CVT

Poss. Int.

Analysis By _____

LAM000172

MAP 04341

MONSANTO COMPANY
CORPORATE RESEARCH LABORATORY
PHYSICAL SCIENCES CENTER
MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

PHENOL - 5
8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED =	22.	65.
TOTAL NUMBER OF FIBERS COUNTED =	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD =	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER =	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER =	0.	

AIR FLOW =	2.000	LITERS PER MINUTE
SAMPLING TIME =	15.	MINUTES
TOTAL VOLUME OF AIR SAMPLED =	30.000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.000

DATE 8-28-1978 REQUEST NO. 003433
FIELD SIZE = 0.003642 SQ. MM FILTER SIZE = 635, SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04342

LAM000173

Monsanto

CHOCOLATE BAYOU
INDUSTRIAL HYGIENE
DATA TRANSMITTAL FORM

HA	0046	00060	78	REMARKS:	
DATE: _____					

10	CHOC BAYOU	PHENOL	ROUTINE
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02	20	005	ASBESTOS	001332214	05	200	UG	000	15
	20								
	20								
	20								
	20								
	20								
	20								
	20								

30	005	81178	PHENOL WALK THRU	SHIFT 1 = Day 2 = Evening 3 = Night 4 = Undetermined	
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40	005	EDWARDS	509265134	IND HNG	7976
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STANDARD TYPES	UNIT CODES	SAMPLE TYPES	MEASUREMENT TYPES	COLLECTION DEVICE CODES	ANALYSIS CODES	CONTROL CODES
OS-OSHA TL-TLV DM-DMEH BI-Biologic OT-Other	MG-MG/Cu.M. UG-1/Cu.M. PP-Parts Per Million PB-Parts Per Billion OT-Other OB-Other	P Personal B Breathing Air G General Air S-Source Sample F Fixed Point O Other	F Full Period Single C Full Period Continuous P Partial Period S Single Grab G Series Grab O Other	G Grab Sample F Filter D Direct Reading Inst T Detector Tube A Dosimeter I Impinger/Bubbler	C Chromatography S Spectroscopy G Gravimetric E End Specific Elec Probe X X-ray Diffraction A Colorimetric O Other	LE Local Exhaust PT Protective Equipment HE Respirator OT Other NO None

MAP 04343

LAM000174

MAP 04344

AREA SKETCH AND COMMENTS

Sample By	SC E	Sample Collector		Weather Temp.	
Tube No.		Mfg.	MSA	Humid.	
Pump No.	1	Serial No.		Wind Speed	
Start Time	0810	Calibration	22 / may	Wind Direction	
Stop Time	0825	Calib By			
Net Minutes	15	Date			
CTS. Start		Refer			

[illegible]

2

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CORPORATE RESEARCH LABORATORY
PHYSICAL SCIENCES CENTER
MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR- J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

PHENOL - 4
8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED	29.	65.
TOTAL NUMBER OF FIBERS COUNTED	1.	0.
AVERAGE NUMBER OF FIBERS PER FIELD	0.034	0.000
TOTAL NUMBER OF FIBERS ON FILTER	7494.	0.
CORRECTED NUMBER OF FIBERS ON FILTER	7494.	

AIR FLOW	1.100	LITERS PER MINUTE
SAMPLING TIME	180.	MINUTES
TOTAL VOLUME OF AIR SAMPLED	198,000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.038

DATE: 8-28-1978 REQUEST NO. 003433
FIELD SIZE = 0.003642 SQ. MM FILTER SIZE = 635. SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JOFASB VERSION 005

MAP 04345

LAM000176

Monsanto

MAP 04346

CHOCOLATE BAYOU
INDUSTRIAL HYGIENE
DATA TRANSMITTAL FORM

REMARKS:

003+004 = 724A

DATE:

HA	0046	00060	78
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1.0	CHOC BAYOU	PAEN004	S/D
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02	004	ASBESTOS	001332214	45	200	UG	004	18D
2.0								
2.0								
2.0								
2.0								
2.0								
2.0								
2.0								

3.0	004	8117.8	76 AR 9.7 ACID - PHENOL 2	6	7	6	5	
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SHIFT
1 - Day
2 - Evening
3 - Night
4 - Undetermined

4.0								
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STANDARD TYPES

OS-OSHA
TL-TLV
DM-DMH
BI-Biologic
OT-Other

UNIT CODES

MG-MG/Cu.M.
UG-1/Cu.M.
PP-Parts Per Million
PB-Parts Per Billion
OT-Other
DB-Decimal

SAMPLE TYPES

P Personal
B Breathing Zone
G-General Area
S-Source Sample
F Fixed Point
O Other

DETERMINATION TYPES

T TWA
S Std
C-Counting
O-Other
N Not Applicable

MEASUREMENT TYPES

F Full Period Single
C Full Period Continuous
P-Partial Period
S Single Grab
G Series Grab
O Other

COLLECTION DEVICES

G Grab Sample
F Filter
D Direct Reading
T Detector Tube
N Dosimeter
A Adsorption
I Impinger/Bubbler
O Other

ANALYSIS CODES

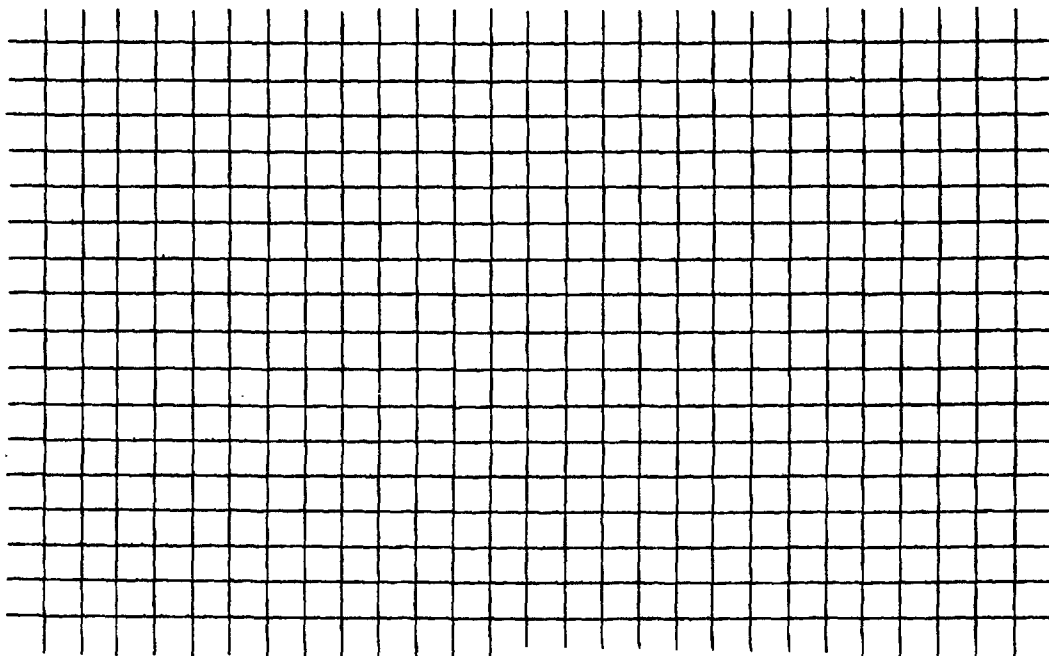
BA Chromatography
S Spectroscopy
G Gravimetric
T Detector Tube
N Dosimeter
A Adsorption
I Impinger/Bubbler
O Other

CONTROL CODES

LE Local Exhaust
PT Protective Equipment
RE Respirator
OT Other
NO None

LAM000177

AREA SKETCH AND COMMENTS



Sample By SCF Sample Collector MSA Weather Temp. _____
 Tube No. _____ Humid. _____
 Pump No. 3 Serial No. _____ Wind Speed _____
 Start Time 1245 Calibration 1.12/min Wind Direction _____
 Stop Time 1545 Calib By _____
 Net Minutes 180 Date _____
 CTS. Start _____ Refer _____
 CTS. Stop _____
 Net _____
 Volume Pumped 1982
 Inst. Cal. At _____
 Volume Corr. _____
 Analysis _____ CVT _____ Poss. Int. _____
 Analysis By _____

MONSANTO COMPANY
CORPORATE RESEARCH LABORATORY
PHYSICAL SCIENCES CENTER
MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR= J. C. EDWARDS

LOCATION= CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

PHENOL - 3

8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED *	23.	65.
TOTAL NUMBER OF FIBERS COUNTED *	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD *	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER *	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER *	0.	

AIR FLOW *	1.100	LITERS PER MINUTE
SAMPLING TIME *	240.	MINUTES
TOTAL VOLUME OF AIR SAMPLED *	264.000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR * 0.000

DATE 8-28-1978 REQUEST NO. 003433
FIELD SIZE * 0.003842 SQ. MM FILTER SIZE * 835. SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04348

LAM000179

Monsanto

CHOCOLATE BAYOU
INDUSTRIAL HYGIENE
DATA TRANSMITTAL FORM

REMARKS:

003 + 004 = TWM

DATE:

HA	0046	00060	78
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1.0	CHOC BAYOU
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	PHENOL
--	--------

	S/D
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02	2.0	003	ASBESTOS	0013324H	05	200	US	0.00	240
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								

3.0	003	91178	76AR9TAGAD-1 PHENOL2						
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SHIFT
1 = Day
2 = Evening
3 = Night
4 = Undetermined

4.0									
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STANDARD TYPES	UNIT CODES	SAMPLE TYPES	DETERMINATION TYPES	MEASUREMENT TYPES	COLLECTION DEVICE CODES	CONTROL CODES
OS-OSHA TL-TLV DM-DMEH B-Biologic DT-Other	MG/MG/CU.M. UG-1/CU.M. PP-Parts Per Million PB-Parts Per Billion DT-Other DB-Dechlor	P Personal B Breathing Zone G General Area S Source Sample F Fixed Point O Other	T TWA S Stel C Ceiling O Other N Not Applicable	F Full Period Single C Full Period Consecutive P Partial Period S Single Grab G Series Grab O Other	G Grab Sample F Filter D Direct Reading Inst. T Detector Tube N Dosimeter A Adsorption Tube I Impinger/Bubbler O Other	LE Local Exhaust PT Protective Equipment HE Respirator OT Other N0 None A Colorimeter O Other

MAP 04349

LAM000180

AREA SKETCH AND COMMENTS

Sample By	JCE	Sample Collector		Weather Temp.	
Tube No.		Mfg.	MSA	Humid.	
Pump No.	3	Serial No.		Wind Speed	
Start Time	0845	Calibration	1.18/mg	Wind Direction	
Stop Time	1245	Calib By			
Net Minutes	240	Date			
CTS. Start		Refer			

Net _____
Volume Pumped 2642
Inst. Cal. At _____
Volume Corr. _____

[illegible]

MAP 04350

MONSANTO COMPANY
CORPORATE RESEARCH LABORATORY
PHYSICAL SCIENCES CENTER
MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR- J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

PHENOL - 2
8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED *	33.	65.
TOTAL NUMBER OF FIBERS COUNTED *	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD *	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER *	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER *	0.	

AIR FLOW *	1.300	LITERS PER MINUTE
SAMPLING TIME *	180.	MINUTES
TOTAL VOLUME OF AIR SAMPLED *	234.000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR * 0.000

DATE 8-28-1978 REQUEST NO. 003433
FIELD SIZE * 0.003842 SQ. MM FILTER SIZE * 635. SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04351

LAM000182

Monsanto

MAP 04352

CHOCOLATE BAYOU
INDUSTRIAL HYGIENE
DATA TRANSMITTAL FORM

HA	0046	00960	78
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REMARKS:

001 + 002 = 720A

DATE: _____

1.0	CHOC BAYOU	PHENOL	PHENOL
-----	------------	--------	--------

02	2.0	002	ASBESTOS	001332214	43	200	UG	000	180
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								

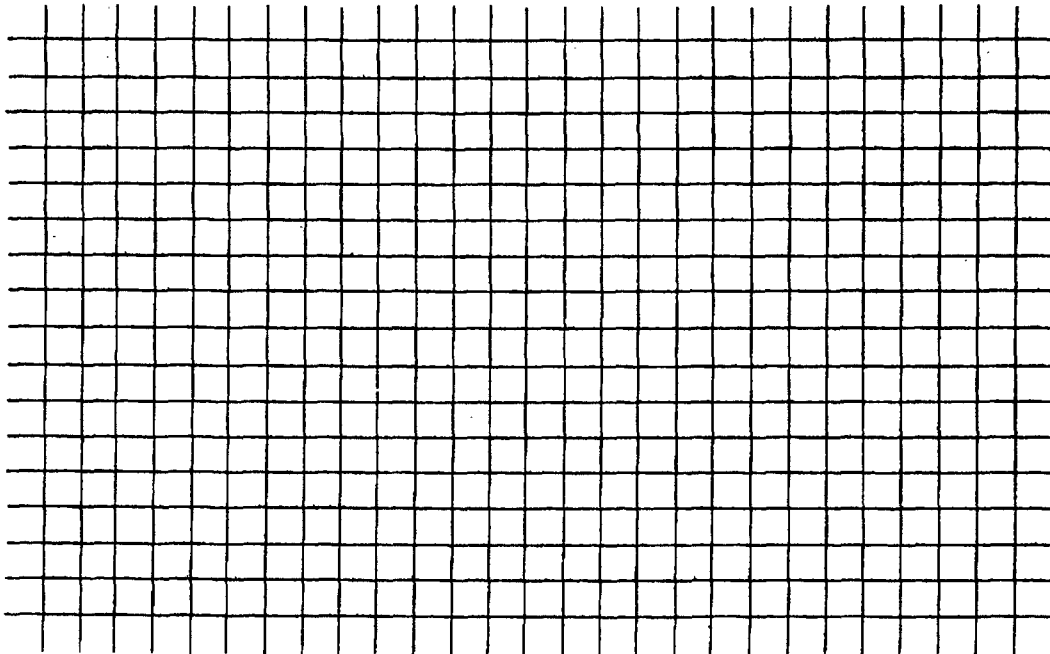
3.0	002	81178	67.512 AREA - PHENOL	G	T	C	F	S
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4.0								
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SHIFT
1 = Day
2 = Evening
3 = Night
4 = Undetermined

STANDARD TYPES OS-OSHA TL-TLV DM-DMEH B-Biologic OT-Other	UNIT CODES MG-MG/Cu.M. UG-U/Cu.M. PP-Parts Per Million PB-Parts Per Billion OT-Other DB-Decibel	SAMPLE TYPES P Personal B Breathing Zone G General Area S Source Sample F Fixed Point O Other	DETERMINATION TYPES T TWA S-Steel C Coiling O Other N Not Applicable	MEASUREMENT TYPES F Full Period Single C Full Period Consecutive P Partial Period S Single Grab G Series Grab O Other	COLLECTION DEVICE CODES G Grab Sample F Filter D Direct Reading Inst. T Detector Tube N Dosimeter A Adsorption Tube I Impinger/Bubbler O Other	ANALYSIS CODES S-Spectrophotometry C-Chromatography X X-ray Diffraction A Colorimetry O Other	CONTROL CODES LE Local Exhaust PT Protective Equipment HE Respirator OT Other N None
AUG 21 1978							
CHOCOLATE BAYOU							

AREA SKETCH AND COMMENTS



Sample By JCE Sample Collector _____ Weather Temp. _____
Tube No. _____ Mfg. MSA Humid. _____
Pump No. 2 Serial No. _____ Wind Speed _____
Start Time 1242 Calibration 1.32/m Wind Direction _____
Stop Time 1542 Calib By _____
Net Minutes 180 Date _____
CTS. Start _____ Refer _____
CTS. Stop _____

Net _____
Volume Pumped 2342
Inst. Cal. At _____
Volume Corr. _____

Analysis _____ Poss. Int. _____
CVT _____
Analysis By _____

MONSANTO COMPANY
CORPORATE RESEARCH LABORATORY
PHYSICAL SCIENCES CENTER
MICROSCOPY GROUP
ST. LOUIS

ASBESTOS FIBER COUNT

FOR J. C. EDWARDS

LOCATION= CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

PHENOL = 1
8-11-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED =	29.	65.
TOTAL NUMBER OF FIBERS COUNTED =	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD =	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER =	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER =	0.	

AIR FLOW =	1.300	LITERS PER MINUTE
SAMPLING TIME =	237.	MINUTES
TOTAL VOLUME OF AIR SAMPLED =	308.100	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.000

DATE 8-28-1978 REQUEST NO. 883433
FIELD SIZE = 0.003042 SQ. MM FILTER SIZE = 835. SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04354

LAM000185

HA	0046	00060	78
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001 tool = TWA

DATE:

REMARKS:

1.0	CHOC BAYOU	PHENOL	ROUTINE
-----	------------	--------	---------

02	2.0	001	ASBESTOS	001332214	DS	200	UG	000	237
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								
	2.0								

3.0	001	67.5/2 area phenol	SHIFT
			1 = Day
			2 = Evening
			3 = Night
			4 = Undetermined

4.0	001	67.5/2 area phenol	ANALYSIS CODES
			LE Local Exhaust
			PT Protective Equipment
			HE Respirator
			QT Other
			N None

06-QSHA	UNIT CODES	SAMPLE TYPES	DETERMINATION TYPES	MEASUREMENT TYPES	COLLECTION DEVICE CODES	CONTROL CODES
TL-TLV	MG/MG/CU.M.	P Personal	T TWA	F Full Period Single	G Grab Sample	LE Local Exhaust
DM-DMEH	UG-1/CU.M.	B Breathing Zone	S Std	C Full Period Consecutive	F Filter	PT Protective Equipment
BI-Biologic	PP-Parts Per Million	G General Area	C Ceiling	P Partial Period	D Direct Reading Instr	HE Respirator
QT-Other	PB-Parts Per Billion	S Source Sample	O Other	S Single Grab	T Detector Tube	QT Other
		F Fixed Point	N Not Applicable	G Series Grab	N Dosimeter	N None
		O Other		O Other	A Adsorption Tube	
		DB-Dust			I Impinger/Bubbler	
					O Other	

AREA SKETCH AND COMMENTS

A full-page view of a blank sheet of white graph paper. The grid consists of thin, black horizontal and vertical lines intersecting at right angles to form small squares. There are approximately 20 columns and 20 rows of squares across the page. The margins are uniform on all sides.

MONSANTO COMPANY
CORPORATE RESEARCH LABORATORY
PHYSICAL SCIENCES CENTER
MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR- J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

AN - 2
8-10-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED	32.	65.
TOTAL NUMBER OF FIBERS COUNTED	0.	0.
AVERAGE NUMBER OF FIBERS PER FIELD	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER	0.	0.
CORRECTED NUMBER OF FIBERS ON FILTER	0.	

AIR FLOW	1.100	LITERS PER MINUTE
SAMPLING TIME	213.	MINUTES
TOTAL VOLUME OF AIR SAMPLED	234.300	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.000

DATE 8-28-1978 REQUEST NO. 003433
FIELD SIZE = 0.003842 SQ. MM FILTER SIZE = 835. SQ. MM
COUNTED BY JOHN RUPRECHT *John Ruprecht*
COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04375

LAM000206

HA	0046	00032	78
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001 + 002 = 720A

DATE: _____

REMARKS:

1.0	CHOC. BAYOU	AN	ROUTINE
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02	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	002	APBESTES	001332214	QS	2.00	UG	0.00	213
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3.0	002	81078	30.510-2 AREA
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SHIFT
1 = Day
2 = Evening
3 = Night
4 = Undetermined

S	C	F	S
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4.0			
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STANDARD TYPES	UNIT CODES	SAMPLE TYPES	DETERMINATION TYPES	MEASUREMENT TYPES	COLLECTION DEVICE CODES	ANALYSIS CODES	CONTROL CODES
OS-OSHA TL-TLV DM-DMEH B-Biologic OT-Other	MG-MG/Cu.M. UG-1/Cu.M. PP-Parts Per Million PB-Parts Per Billion DT-Other	P Personal B Breathing Zone G General Area S Source Sample F Fixed Point OT Other	T TWA S SMI C Ceiling N Not Applicable	F Full Period Single C Full Period Consecutive P Partial Period S Single Grab G Series Grab OT Other	G Grab Sample F Filter D Direct Reading Instrument T Detector Tube N Dosimeter I Impinger/Bubbler	S Spectroscopy S Spectrometer E Ion Specific Electrode X X-ray Diffraction A Colorimetric OT Other	LE Local Exhaust PT Protective Equipment RE Respirator OT Other N None

MONSANTO COMPANY

CORPORATE RESEARCH LABORATORY

PHYSICAL SCIENCES CENTER

MICROSCOPY GROUP

ST. LOUIS

ASBESTOS FIBER COUNT

FOR- J. C. EDWARDS

LOCATION- CHOCOLATE BAYOU

SAMPLE IDENTIFICATION

AN = 1
8-10-78

	SAMPLE	BLANK
TOTAL NUMBER OF FIELDS COUNTED	31,	65,
TOTAL NUMBER OF FIBERS COUNTED	0,	0,
AVERAGE NUMBER OF FIBERS PER FIELD	0.000	0.000
TOTAL NUMBER OF FIBERS ON FILTER	0,	0,
CORRECTED NUMBER OF FIBERS ON FILTER	0,	

AIR FLOW	1.100	LITERS PER MINUTE
SAMPLING TIME	210,	MINUTES
TOTAL VOLUME OF AIR SAMPLED	231.000	LITERS

FIBERS PER CUBIC CENTIMETER OF AIR = 0.000

DATE 8-28-1978

REQUEST NO. 003433

FIELD SIZE = 0.003642 SQ. MM

FILTER SIZE = 835. SQ. MM

COUNTED BY JOHN RUPRECHT *John Ruprecht*

COMPUTED BY PROGRAM JDFASB VERSION 005

MAP 04377

LAM000208

Monsanto

MAP 04378

CHOCOLATE BAYOU
INDUSTRIAL HYGIENE
DATA TRANSMITTAL FORM

H1A	0046	00030	78
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REMARKS:

001 to 002 = TEVA

DATE:

1.0	CHOC BAYOU	AM	ROUTINE
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02	20	001	ASBESTOS	001332214	45	200	UG	000	210
	20								
	20								
	20								
	20								
	20								
	20								
	20								

3.0	001	01978	30E1072 AREA	9	7	9	5
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SHIFT
1 = Day
2 = Evening
3 = Night
4 = Undetermined

4.0							
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STANDARD TYPES	UNIT CODES	SAMPLE TYPES	DETERMINATION TYPES	MEASUREMENT TYPES	COLLECTION OF SERVICE CODES	ANALYSIS CODES	CONTROL CODES
OS-OSHA TL-TLV DM-DMEH B-Biologic OT-Other	MG/MG/Cu.M. UG-1/Cu.M. PP-Parts Per Million PB-Parts Per Billion OT-Other DB-Decimal	P Personal B Breathing Zone G General Area S Source Sample F Fixed Point O Other	T TWA S Steel C Ceiling N Not Applicable	F Full Period Simple C Full Period Consecutive P Partial Period S Single Grab O Other	G Grab Sample F Filter D Direct Reading Gravimetric T Detector for Ionizable Electrode N Document for X-ray Diffraction A Colorimetric I Impinger/Bubbler	C Chromatography S Spectroscopy G Gravimetric E Electrode X X-ray Diffraction A Colorimetric O Other	LE Local Exhaust PT Protective Equipment HE Respirator OT Other N None

LAM000209