

51-100

1978

78-91-10
78-91-10
78-91-10

PLAINTIFF'S EXHIBIT

CT-588

AIR SAMPLE ANALYSIS

Sample # 52-78

Concentration 6.9231 f/cc

Slide Number 52-78 Mounted on 7-7-78 Analyzed on 7-12-78

Fibers 120/2 Fields 100 Average Fibers/Field 0.60

Blank Filter:

Number _____ Fibers per _____ Fields Average Fibers/Field _____

Concentration = $\frac{(\text{Average Count of Sample} - \text{Blank Filter Count}) \times (\text{Filter Area})}{(\text{Field Area}) \times (\text{Average Flow Rate}) \times (\text{Sample Time}) \times (1000)}$

Fibers/Cubic Centimeter of Air = $\frac{(.60 -) (855)}{(.003) (1.9) (12.00) (1000)} = \frac{(513)}{(74.1)} = 6.92307$

Microscopist Ma

Computations By Ma

CTD018014

Sample # 11 - 7A

Time 7:37 pm

☐ Personal ☒ Environmental

Concentration	F/cc
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7:41
Employee Willow Mill Employee # _____ Classification _____

Dept. 901 Location/Operation Willow Mill

Pump Used: ☒ Bendix C115 Serial #1003 ☐ Bendix BDX44 Serial #8-77-2322

☐ _____

Calibrated 5/25/78 Checked Calibration ☐ Beginning

☐ Ending _____

Sampling Medium: ☒ Filter ☐ Pad ☐ Screen ☐ _____
Manufacturer: ☒ Millipore ☐ _____ Batch # 308332

Weather Conditions: ☐ Hot ☐ Warm ☒ Cool ☐ Steamy ☐ Humid ☐ Rainy ☐ Dry
☐ Windy ☐ Calm ☐

Production Rate: ☐ Above Normal ☒ Normal ☐ Below Normal ☐ Machine Down

Comments:

Ventilation: ☐ Dust Hoods ☐ Dust Collector ☒ Windows Open ☐ Fans Operating

Air Velocity

Personal Protection: ☐ Disposable Respirator ☐ Permanent Respirator ☐ Power Pack
 ☐ White Suit ☐ Face Shield ☐ Hearing Protection ☐ Head Protection
 ☐ Foot Protection ☐ None ☐ _____

Product in Process: (Furnish) 55w Willmill #43

Comments: ☐ Beard ☐ Smoking ☐ Long Hair 12" 150

Time Log: Time Started Pump 7.41 Flow Meter Reading 20

Time Stopped Pump 7:54 ^{13 min} Flow Meter Reading _____

AREA	TIME READING		MINUTES		
	IN	OUT	IN	OUT	TOTAL
<i>Amiatch discharge</i>	<i>6 min</i>				
TOTAL SAMPLING TIME					

SAMPLER: 1 Average Air Flow 1.4 Exposure Time

CTD018015