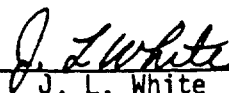


Interoffice Memorandum

TO (Name and Location)	J. M. Ramey, NYO	DATE	February 9, 1977
FM (Name and Location)	J. L. White, BCP	REFERENCE NO.	JLW-11-77

SUBJECT: Monthly Report of Bay City Employee Monitoring

I have attached a summary of the monitoring done at the Bay City Plant for the period of December through January. The format of this request is the same as the format requested in the December Health Chemists meeting. All of the eight-hour TWA samples were collected by attaching a monitoring device to an employee.


J. L. White

JLW/jg
Attachments (2)

cc: J. N. Gann
C. J. Duey
D. H. Miller
~~R. C. Reitz~~
J. M. Jackson, Bishop
R. E. Green, Clear Lake
M. R. Stenzel, Pampa
B. J. Bland, CCCTC
E. S. Ramey, CCCTC
Central Files, CCCTC (2)

File: 71-1

PLAINTIFF'S EXHIBIT

CEL-1319

006354

INDUSTRIAL HEALTH MONTHLY MONITORING SUMMARY

Page 1

Sequence No. (Where Applicable)	Date	Unit	Employee Name (Social Security Number)	Job Description	Contaminant Monitored	Monitoring Method	8-Hour TMA Exposure Mg/M3	Acceptable TMA (1) Mg/M3	Celling Level Mg/M3 (Duration in Minutes) (1)	Highest Concentration Mg/M3	Comments
	10-21-76	Arthur Brothers (Area 1)	Guadalupe Trevino 457-52-6692	Remove Boiler Insula- tion	Asbestos	5 Micron Filter Paper National loss Control Serv.		2 F/cc		.1 F/cc (17 min.)	
	11-4-76	Arthur Brothers (Util.)	"	"	"	"		"		.4 F/cc (15 min.)	
	12-1-76	Arthur Brothers (Util.)	"	Remove Pipe Insula- tion	"	"		"		2.4 F/cc (7 min.)	
	12-21-76	Traffic	Edward Hlozek 451-70-1288	Load a Rail Car with HMI	Hexa- methylene- imine	Silica Gel Tubes Modified NIOSH Method S142	Less Than 1.7	Not Estab- lished			
	1-6-77	Nylon Salt	Mary Crawford 450-70-1203	NS Operator	Methanol	Silica Gel Tubes Modified NIOSH Method S59	163	260			

006355

INDUSTRIAL HEALTH MONTHLY MONITORING SUMMARY

Page 2

Sequence No. (Where Applicable)	Date	Unit	Employee Name (Social Security Number)	Job Description	Contaminant Monitored	Monitoring Method	8-Hour TMA Exposure Mg/M3	Acceptable TMA Mg/M3	Ceiling Level Mg/M3 (Duration in Minutes)	Highest Concentration Detected Mg/M3	Comments
	1-13-77	Traffic	Ron Kennedy 449-44-4171	Load a Rail Car with HMI	Hexa-methyleneimine	Silica Gel Tubes Modified NIOSH Method S142	2.6	Not Established			
	1-14-77	Nylon Salt	Charles Talbot 457-08-7107	NS Operator	Methanol	Silica Gel Tubes Modified NIOSH Method S59	42	260	1040	56	
	1-20-77	"	David Carrol 467-84-8384	"	"	"	180	260	1040	388	
	1-27-77	"	Ted Perkins 451-92-2751	"	"	"	70	260	1040	141	

006356

VA AREA

<u>Compound</u>	<u>Priority</u>	<u>RLV</u> <u>mg/M³</u>	<u>Ceiling</u> <u>Limit</u> <u>mg/M³</u>	<u>Sampling (Responsib</u>
Acetic Acid	1	25	-	Carbon (Pampa metho
Chromium	1	25 $\mu\text{g}/\text{M}^3$	50 $\mu\text{g}/\text{M}^3$	PVC Filter (Green)
Hydroquinone	1	2	-	Filter (Laubly)
p-Benzoquinone	1	0.4	-	Filter (Laubly)
Vinyl Acetate	2	36	-	Carbon (Green)
Ethyl Acetate	3	1400	-	Carbon (Pampa metho
Sulfuric Acid	3	1	-	U.D. * (Laubly)
Acetaldehyde	3	360	-	Carbon (Laubly)

* U.D. - undefined

006357

METHANOL AREA

<u>Compound</u>	<u>Priority</u>	<u>TLV</u> <u>mg/M³</u>	<u>Ceiling</u> <u>Limit</u> <u>mg/M³</u>	<u>Sampling (Responsibi</u>
Chromium	1	25 μg/M ³	50 μg/M ³	PVC Filter (Green)
Hydrazine	2	1.3	-	Filter (Laubly)
Sulfuric Acid	3	1	-	U.D. * (Laubly)
Sodium Hydroxide	3	2	-	Filter (Green)
Ethanol	3	1900	-	Carbon or Alumina (Green)
Methanol	3	260	-	Carbon or Alumina (Bay City)

* U.D. - undefined

006358

ACRYLATES AREA

<u>Compound</u>	<u>Priority</u>	<u>TLV</u> <u>mg/M³</u>	<u>Ceiling</u> <u>Limit</u> <u>mg/M³</u>	<u>Sampling</u> (Responsibi
Acrolein	1	0.25	-	Carbon (Bland)
Chromium	1	25 $\mu\text{g}/\text{M}^3$	50 $\mu\text{g}/\text{M}^3$	PVC Filter (Green)
Ethyl Acrylate	1	100	-	Carbon (Green)
SO ₂	1	13	-	U.D. * (Green)
Phenothiazine	1	5	-	Filter (Green)
Hydroquinone	1	2	-	Filter (Green)
MEHQ	1	-	-	Filter (Green)
Acetic Acid	2	25	-	Carbon (Pampa method
Acrylic Acid	2	-	-	Carbon (Green)
Sulfuric Acid	3	1	-	U.D. (Laubly)
Butanol	3	300	-	Carbon (Green)
Butyl Acetate	3	710	-	Carbon (Green)
Ethyl Acetate	3	1400	-	Carbon (Green)
Ethyl Ether	3	1200	-	Carbon (Green)
Butyl Acrylate	3	-	-	Carbon (Green)

* U.D. - undefined

006359

EO/EG AREA

<u>Compound</u>	<u>Priority</u>	<u>TLV</u> <u>mg/M³</u>	<u>Ceiling</u> <u>Limit</u> <u>mg/M³ .</u>	<u>Sampling</u> (Responsibi
Chromium	1	25 $\mu\text{g}/\text{M}^3$	50 $\mu\text{g}/\text{M}^3$	PVC Filter (Green)
Ethylene Oxide	2	90	-	Carbon (Laubly)
Sodium Hydroxide	3	2	-	Filter (Green)
Sulfuric Acid	3	1	-	U.D. * (Laubly)
Acetaldehyde	3	180	-	Carbon (Laubly)

* U.D. - undefined

006360

MAINTENANCE

<u>Compound</u>	<u>Priority</u>	<u>TLV</u> <u>mg/M³</u>	<u>Ceiling</u> <u>Limit</u> <u>mg/M³</u>	<u>Sampling</u> (Responsibi
Ammonia	2	18	-	U.D. * (Laubly)
Welding Fumes **	2	-	-	U.D. (Green)
Asbestos	1	0.5*** fibers/cc	-	Filter (Green
Trichloroethylene	1	535	-	Carbon (Green)

* U.D. - undefined

** Will probably include Ozone, NO_x, Thorium, and several metals

*** Greater than 5 microns in length

006361

LOADING

<u>Compound</u>	<u>Priority</u>	<u>TLV</u> <u>mg/M³</u>	<u>Ceiling</u> <u>Limit</u> <u>mg/M³</u>	<u>Sampling</u> (Responsibi
Acetic Acid	2	25	-	Carbon (Pampa method
Spent Acid	2	-	-	U.D. * (Green)
Ethyl Acrylate	3	100	-	Carbon (Green)
Butyl Acrylate	3	-	-	Carbon (Green)
Acrylic Acid	3	-	-	Carbon (Green)
Methanol	3	260	-	Carbon or Alumina (Bay City)

* U.D. - undefined

006362