



DOW CHEMICAL U.S.A.

LOUISIANA DIVISION
P. O. BOX 160
PLAQUEMINE, LOUISIANA 70764
504 389-8000

April 3, 1981

Ruel Seneca
Marine Department

This is to inform you that the result of your vinyl chloride excursion sample on 3-29-81, while disconnecting ship Amelia, was 5.62 PPM, which is above the ceiling of 5 PPM.

There were no apparent problems, breathing air was used and from my personal observation this appeared to be a good disconnect.

You may make arrangements with our Medical Department for a physical if you so desire.

J. L. Moreau, Jr.
J. L. Moreau, Jr.
Industrial Hygiene - Marine

sg

cc: Al Kirby - Marine

DO 098132
CONFIDENTIAL

OBSERVED
DISCONNECT
JLM.

Dock # 2

PERSONNEL EXPOSURE DATA SHEET

VINYL CHLORIDE ~~2000~~

NAME AMELIA

CLASSIFICATION VINYL SHIP

DATE 3-29-81

	COMPOUNDS MEASURED	PPM MOLE 8 HOUR T.W.A.	PPM MOLE 15 MINUTE EXCURS
SS	<u>NOLAN BLANCHARD</u>	<u>SUPERVISED-TOP DECK</u>	<u>0 PPM</u>
OT	<u>RUEL SENECA</u>	<u>WORKED DISCONNECT</u>	<u>5.62 PPM</u>
OTT	<u>REGGIE WATTS</u>	<u>WORKED DISCONNECT</u>	<u>1.42 PPM</u>
OS	<u>FRANCIS BARLOW</u>	<u>TOP DECK</u>	<u>0.15 PPM</u>
	<u>AREA-TOP DECK</u>	<u>40 FT. DOWNWIND OF DISCONNECT POINT</u>	<u>0.62 PPM</u>

REMARKS:

PUMPS CALIBRATED PRIOR TO AND AFTER TESTS TO DETERMINE LITERS PUMPED.

J. L. MOREAU, JR.

Naval Command

Vinyl Chloride

DO 098133
CONFIDENTIAL

OBSERVED
DISCONNECT
JLM

Block MARINE DOCK # 2 Pump # 1 Person or Area Monitored NOLAN BLANCHARD Sample No 01871
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
SHIP AMELIA ☐ Excursion ☐ Other _____ Date 3-29-81
Other Chemicals Present: NONE Job Classification S/S Description of task performed during monitoring period
including any unusual activities SUPERVISED DISCONNECT OPERATION + OPERATED
CRANE-ON TOP DECK ONLY
Time Started 1130 AM
Time Stopped 1225 PM
Beginning Flow Rate 59.1 SECS 100 CC Respirator used ☐ Yes ☒ No Type? _____
Ending Flow Rate 60.2 SECS 100 CC Wind, Temp. and Humidity
Calibration Check Prior to Monitoring? ☒ Yes ☐ No FROM SOUTH 9 MPH - 70° - RAIN (1130 AM)
Calibration Equipment Used? BUBBLE

NOTE: J b description must be concise and complete.

Form filled in by J. L. Moriam, Jr



LOUISIANA DIVISION INDUSTRIAL HYGIENE

0 PPM

PUMP # 2

Block MARINE DOCK # 2 Person or Area Monitored ~~AMERICA~~ RUEL SENECA Sample No 01872

Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area

SHIP AMELIA ☐ Excursion ☐ Other _____ Date 3-29-81

Other Chemicals Present: NONE Job Classification OT Description of task performed during monitoring period
including any unusual activities WORKED DISCONNECT ABOARD SHIP (UPWIND SIDE)

Time Started 1130AM

Time Stopped ~~1200PM~~ 1225PM

Beginning Flow Rate 100 cc 57.5 SECS Respirator used ☒ Yes ☐ No

Ending Flow Rate 100 cc 61.5 SECS

Type? BREATHING AIR

Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

FROM SOUTH 9 MPH - 70° - RAIN (1130AM)

Calibration Equipment Used? BUBBLE

NOTE: Job description must be concise and complete.

Form filled in by J. L. Mariani, Jr.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

5.62 PPM

DO 098135
CONFIDENTIAL

Block PUMP # 3 REGGIE WATTS Sample No 01873
MARINE DOCK # 2 Person or Area Monitored ~~DAVE HARRIS~~
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
SHIP AMELIA ☐ Excursion ☐ Other _____ Date 3-29-81
Other Chemicals Present: NONE Job Classification OTT Description of task performed during monitoring period
Including any unusual activities WORKED DISCONNECT ABOARD SHIP (DOWNWIND SIDE)
Time Started 1130AM
Time Stopped 1225 PM
Beginning Flow Rate 100 cc 58.9 SECS. Respirator used ☒ Yes ☐ No Type? BREATHING AIR
Ending Flow Rate 100 cc 56.7 SECS. Wind, Temp. and Humidity FROM SOUTH 9 MPH - 70° - RAIN (1130AM)
Calibration Check Prior to Monitoring? ☒ Yes ☐ No
Calibration Equipment Used? BUBBLE
NOTE: Job description must be concise and complete. Form filled in by J. L. Mariani, Jr.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

1.42 PPM

DO 098136
CONFIDENTIAL

PUMP #4

Block MARINE DOCK # 2

Person or Area Monitored FRANCIS BARLOW

Sample No 01874

Monitoring for VINYL CHLORIDE

Type Sample: ☒ Personnel ☐ Area

SHIP AMELIA

☐ Excursion ☐ Other

Date 3-29-81

Other Chemicals Present:

NONE

Job Classification OS

Description of task performed during monitoring period

Including any unusual activities OPERATED LOAD ARM + ASSISTED IN SUPERVISING

DISCONNECT OPERATION - ON TOP DECK ONLY

Time Started 1130AM

Time Stopped 1225PM

Beginning Flow Rate 61.9 SECS.

Respirator used ☐ Yes ☒ No

Type?

Ending Flow Rate 61.9 SECS.

Wind, Temp. and Humidity

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

FROM SOUTH 9 MPH - 70° - RAIN (1130AM)

Calibration Equipment Used? BUBBLE

NOTE: Job description must be concise and complete.

Form filled in by J. L. Monroe, Jr.

DOW

LOUISIANA DIVISION INDUSTRIAL HYGIENE

0.15 PPM

DO 098137
CONFIDENTIAL

Block MARINE DOCK # 2 Person or Area Monitored PUMP # 5 FRONT OF DOCK ON RAILING APPROX. 40 FT. DOWNWIND OF DISCONNECT POINT Sample No 01875

Monitoring for VINYL CHLORIDE Type Sample: ☐ Personnel ☒ Area
SHIP AMELIA ☐ Excursion ☐ Other _____ Date 3-29-81

Other Chemicals Present: NONE Job Classification DISCONNECT Description of task performed during monitoring period
Including any unusual activities SHIP DISCONNECT

Time Started 1130AM

Time Stopped 1225PM

Beginning Flow Rate 100 cc 60.3 SECS. Respirator used ☐ Yes ☐ No

Ending Flow Rate 100 cc 61.8 SECS.

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration Equipment Used? BUBBLE

NOTE: Job description must be concise and complete.

Type? _____

Wind, Temp. and Humidity

FROM SOUTH 9 MPH - 70° - RAIN (1130AM)

Form filled in by J. L. Marum, Jr.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

0.62 PPM

DO 098138
CONFIDENTIAL