



DOW CHEMICAL U.S.A.

REV
8/83

June 20, 1983

LOUISIANA DIVISION
P. O. BOX 150
PLAQUEMINE, LOUISIANA 70764-0150
504 389-8000

Ruel Seneca
Dick Beard
Al Wilson
Marine Department

cc: Al Kirby
Marine Department

This is to inform you of the following results of your vinyl chloride excursion samples on June 16, 1983 while disconnecting ship Fernwave. All were above the ceiling of 5 PPM:

Ruel Seneca - 169.39 PPM
Dick Beard - 14 PPM
Al Wilson - 444.4 PPM

Header load and vent valves on ship were leaking. Breathing air was used.

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
Railroad/Marine

lrj

DO 082339
CONFIDENTIAL

PUMP #1
Block MARINE DOCK #1 Person or Area Monitored Ruel feneca Sample No 04234
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
SHIP FERNWAVE ☐ Excursion ☐ Other _____ Date 6-16-83
Other Chemicals Present: _____ Job Classification O.T. Description of task performed during monitoring period
METHANOL including any unusual activities WORKED DISCONNECT ABOARD SHIP

Time Started 0100 HRS
Time Stopped 0220 HRS
Beginning Flow Rate 13.3 SECS 100 CC Respirator used ☒ Yes ☐ No Type? Fresh air mask used
Ending Flow Rate 55.9 SECS 100 CC Wind, Temp. and Humidity
Calibration Check Prior to Monitoring? ☒ Yes ☐ No N-0 84
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____

NOTE: Job description must be concise and complete.

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



LOUISIANA DIVISION INDUSTRIAL HYGIENE

PUMP #4
Block MARINE DOCK #1 Person or Area Monitored Rich Beard Sample No 04235
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
SHIP FERNWAVE ☐ Excursion ☐ Other _____ Date 6-16-83
Other Chemicals Present: _____ Job Classification OS Description of task performed during monitoring period
Methanol including any unusual activities Tying back - SUPERVISED

Time Started 0100
Time Stopped 0225
Beginning Flow Rate 56.0 SECS 100 CC Respirator used ☐ Yes ☒ No Type? _____
Ending Flow Rate 50.1 SECS 100 CC Wind, Temp. and Humidity
Calibration Check Prior to Monitoring? ☒ Yes ☐ No N-0 84%
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____

NOTE: Job description must be concise and complete.

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

DO 082340
CONFIDENTIAL

PUMP # 6

Block MARINE DOCK # 1 Person or Area Monitored AL WILSON Sample No 04236
Monitoring for VINYL CHLORIDE Type Sample: ☒ Personnel ☐ Area
SHIP FERNWAVE ☐ Excursion ☐ Other _____ Date 6-16-83
Other Chemicals Present: _____ Job Classification O.T. Description of task performed during monitoring period
METHANOL including any unusual activities WORKED DISCONNECT ABOARD SHIP.

Time Started 0100 _____ Sample _____
Time Stopped 0225 103.4 X 85 = 8.8 284.5 + 159.9 - Saturated
Beginning Flow Rate 60.0 SECS 100 CC Respirator used ☒ Yes ☐ No Type? Fresh air mask used
Ending Flow Rate 56.2 SECS 100 CC Wind, Temp. and Humidity
Calibration Check Prior to Monitoring? ☒ Yes ☐ No N-O 84
Calibration: ☒ Bubblemeter ☐ Rotometer
☐ Other _____

NOTE: Job description must be concise and complete.

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



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO 082341
CONFIDENTIAL

PERSONNEL EXPOSURE DATA SHEET

VINYL CHLORIDE PLANT

NAME Fernway

CLASSIFICATION Vinyl Sh.p

DATE 6-16-83

COMPOUNDS MEASURED	PPM MOLE 8 HOUR T.W.A.	PPM MOLE 15 MINUTE EXCURSION
Ruel Seneca #1	Disconnect	142.7 1st half 26.69 2nd half 169.39 PPM
Dick Beard #4	Top Deck	14 PPM
Al Wilson #6	Disconnect	284.5 1st section Sample 159.9 2nd section Saturated 448.4

REMARKS:

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

Ruel 6-16-83

These didn't look too good.

V/R
Marvin

Marvin Cox
Vinyl 1 Plant

DO 082342
CONFIDENTIAL

MARINE PERSONNEL EXPOSURES DOCK NO. /

VINYL CHLORIDE

VESEL NAME *FERNWAVE* CLASSIFICATION *SHIP* DATE *6-16-83*

[illegible]

REMARKS:

DO 082343
CONFIDENTIAL

J. L. MOREAU
MARINE-IND. HYGIENE