

CHEMICALS



File
AP Monitoring
Lake Charles

INTEROFFICE / LAKE CHARLES

TO Jim Barter

DATE

July 3, 1990

FROM Max Hekmat *MH*

SUBJECT

Quarterly Report

Enclosed is the quarterly report of the Industrial Hygiene Monitoring Strategy. As you will note, the report is divided into two parts, organic and inorganic, for the Lake Charles Complex.

The noise monitoring part of the strategy was estimated 515+ samples (1989) to review and update the Hearing Conservation Program. This number was revised in 1990. I am pleased to inform you that the noise monitoring has been completed.

Please let me know if I can be of assistance. *3W*

MH/fq

cc: Ron Williams
Loren Anderson - G.O. ✓
Bob McCorquodale

JUL - 9 1990

SL 043005

INDUSTRIAL HYGIENE MONITORING STRATEGY
QUARTERLY PROGRESS REPORT (ORGANIC SECTIONS)

Date: 6/30/90

<u>Item</u>	<u>Department</u>	<u>TAS*</u>	<u>AS**</u>	<u>Percent</u>
Vinyl Chloride	Tri-Ethane II	16	8	50
	VCM II	20	10	50
	Tri-Ethane II Shop	12	3	25
	VCM II Shop	32	0	0
	Vinyl Loading Rack	20	10	50
	Barge/Ship Loading Dock	As Available	8	50
	Laboratory	8	4	50

- Total Vinyl Chloride Samples Assigned are 108+

CPC ¹	CPC Unit	14	0	0
	Laboratory	6	0	0
	Maintenance	15	0	0
	Shipping	12	0	0

- Total CPC Samples Assigned When Unit is Operational are 47

EDC	Shipping	44	23	52
	VCM II	34	22	65
	Tri II	22	15	68
	Per Tri	18	13	72
	EDC/VDCM	16	10	63
	EC/HCL	10	7	70
	WTU	32	19	59

- Total EDC Samples Assigned are 176

Chlorinated Hydrocarbons	Derivatives -			
	General			
	EC/HCL			
	EDC/VDC			
	Per-Tri	50	31	62
	Shipping			
	Tri-Ethane II			
	VCM II			
	WTU			
	EDC/VDCM			

- Total Chlorinated Hydrocarbon Samples Assigned for All Departments are 50+

Special Project	All	45+	0	0
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SL 043006

WTU Surge Pond Closure Project
(Not Part of I.H. Monitoring Strategy)

878

* "TAS" Stands for Total Samples required by the strategy (Annual).

** "AS" Stands for Actual Samples Taken, up to the end of the reporting period

¹ Unit was not operational.

INDUSTRIAL HYGIENE MONITORING STRATEGY
QUARTERLY PROGRESS REPORT (INORGANIC SECTIONS)

Date: 6/30/90

<u>Item</u>	<u>Department</u>	<u>TAS*</u>	<u>AS**</u>	<u>Percent</u>
Asbestos	Personnel Monitoring (Plt A)	30 ✓	1	3
	Maintenance (Plt. A)	12+ ✓	10	83
	Area Monitoring (Plt A)	6+ ✓	4	67
- Total Asbestos Samples Assigned for Plant "A" are 48+				

	Personnel Monitoring (Plt C)	18+ ✓	0	0
	Area Monitoring (Plt C)	12+ ✓	0	0
	Maintenance (Plt C)	12+ ✓	0	0
	Area Monitoring (Plt C)	6+ ✓	0	0
- Total Asbestos Samples Assigned for Plant "C" are 48+				

	Insulation Removal	156 ✓	27	100% of requests
	Laboratory	10+ ✓	4	40
- Total Asbestos Samples Assigned to Insulation Removal Jobs & Laboratory are 166+				

Chlorine	Electrolyzers	35 ✓	1	3
	Mercury Cells	25 ✓	0	0
	Chlorine "C"	20 ✓	2	10
	Shipping	32 ✓	0	0
	Laboratory	10 ✓	4	40
- Total Chlorine Samples Assigned are 122				

Hydrogen	Mercury Cell (Area)	8 ✓	0	0
Sulfide	Brine	14 ✓	0	0
- Total Hydrogen Sulfide Samples Assigned are 22				

Mercury	Cell Operation	34 ✓	0	0
	Maintenance	16 ✓	2	13
- Total Mercury Samples Assigned are 50				

Silica	Sandblast Yard "A"	16 ✓	8	50
Crystalline	Sandblast Yard "C"	16 ✓	8	50
- Total Silica Crystalline Samples Assigned are 32				

SL 043008

<u>Item</u>	<u>Department</u>	<u>TAS*</u>	<u>AS**</u>	<u>Percent</u>
Silica	Dryer Building	32 ✓	0	0
(Amorphous)	Shipping - Packer	25 ✓	0	0
	Shipping - Shipper	16 ✓	0	0
- Total Synthetic Precipitated Silica (Amorphous) Samples Assigned are 73				

Welding Fume	Welding Shop "C" Area	20 ✓	2	10
	Welding Shop "C" Personnel	20 ✓	1	5
- Total Welding Fume and Oxides Samples Assigned are 40				

Special Project	All	45+	23 ¹	100% of requests

* "TAS" stands for Total Samples required by the strategy (Annual).

** "AS" stands for Actual Samples Taken, up to the end of the reporting period

¹ Samples taken during Silica Furnace shutdown.