

SHELL OIL COMPANY

SHELL CHEMICAL COMPANY

DEER PARK MANUFACTURING COMPLEX

E.C. Air
Gen 1

7243

AC 94

DATE MARCH 25, 1976

TO J. L. CARROLL
R. M. KEMBALL-COOK
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J. L. RIVARD

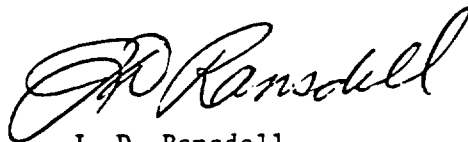
FROM J. D. RANSDALL
DEER PARK MANUFACTURING COMPLEX

SUBJECT ASBESTOS MONITORING DURING
DEMOLITION OF OLD AC FACILITY

Air sampling for asbestos fibers is being conducted during the demolition of the old allyl chloride production facility. This monitoring fulfills OSHA requirements and measures the effectiveness of the dust control procedures. Area samples are being collected within the old allyl chloride facility and in downwind, adjacent process areas.

Sample results, as shown in the attached table, are much less than the OSHA 8-hour time-weighted average exposure limit of 5 fibers per cubic centimeter of air. This indicates that downwind process areas have not been exposed to significant concentrations of asbestos as a result of this demolition work. The housekeeping continues to be good, and the handling of insulated equipment and scrap insulation complies with OSHA and EPA regulations for asbestos.

In view of these low sample results, there will be a reduction in the frequency of sampling. Sampling is planned during the insulation stripping of C-21. Additional survey results will be forthcoming.



J. D. Ransdell

JDR:mp

Attachments

cc - File ← THIS COPY FOR-
Chron

PLAINTIFF'S EXHIBIT

SH-3206

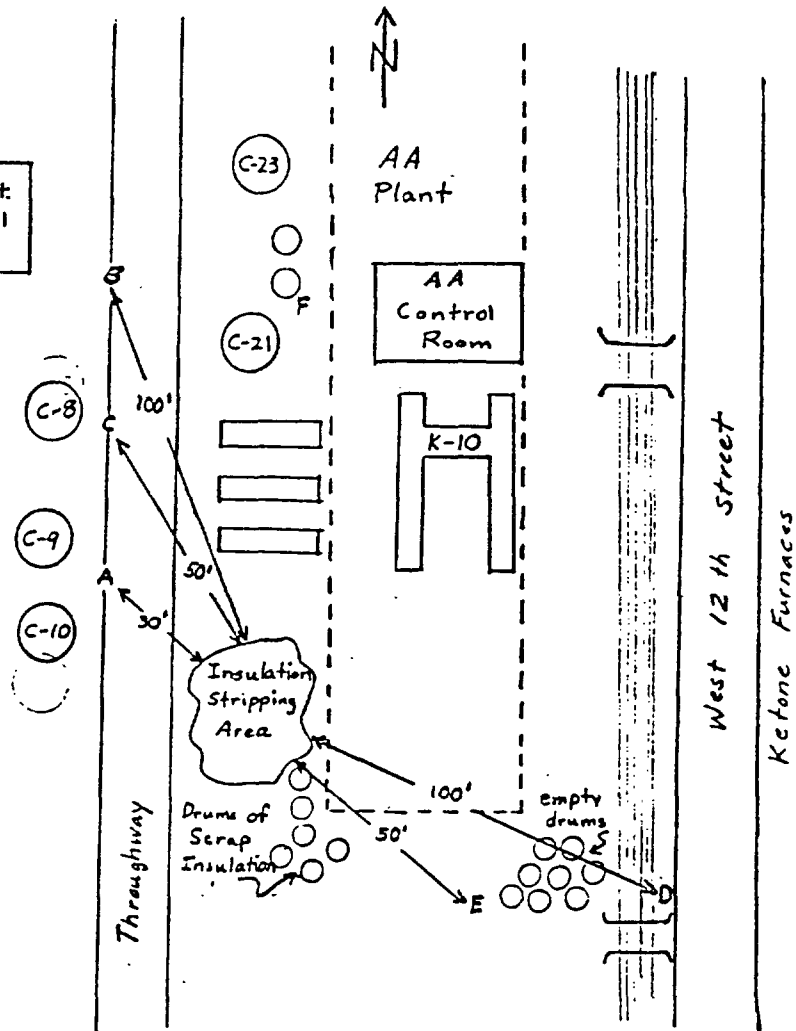
DPMC-18128

LAM 006261

ASBESTOS MONITORING RESULTS - OLD ALLYL CHLORIDE FACILITY DEMOLITION

Sample Number	Date	Sample Period		Location	Wind		Working Conditions	Sample Results (Fibers/cc)
		From	To		Direction	Speed (mph)		
A-1	2-9-76	1330	1515		E, SE	5-10	Maintenance foreman in and around work area; only minor insulation removal in the area.	.008
A-2	2-11-76	1015	1200	A	S, SW	5-10	Piping was being disassembled and old insulation stripped & placed in plastic bags.	.011
A-3	2-11-76	1015	1200	B	S, SW	5-10	(Same as A-2)	.017
A-4	2-11-76	1010	1200		S, SW	5-10	Maintenance foreman in and around work areas as piping was disassembled and insulation removed.	.007
A-5	2-12-76	0827	0945	C	SE	5	Sporadic insulation removal as flanges were broken and piping was disassembled.	.023

B Dist. Control Room



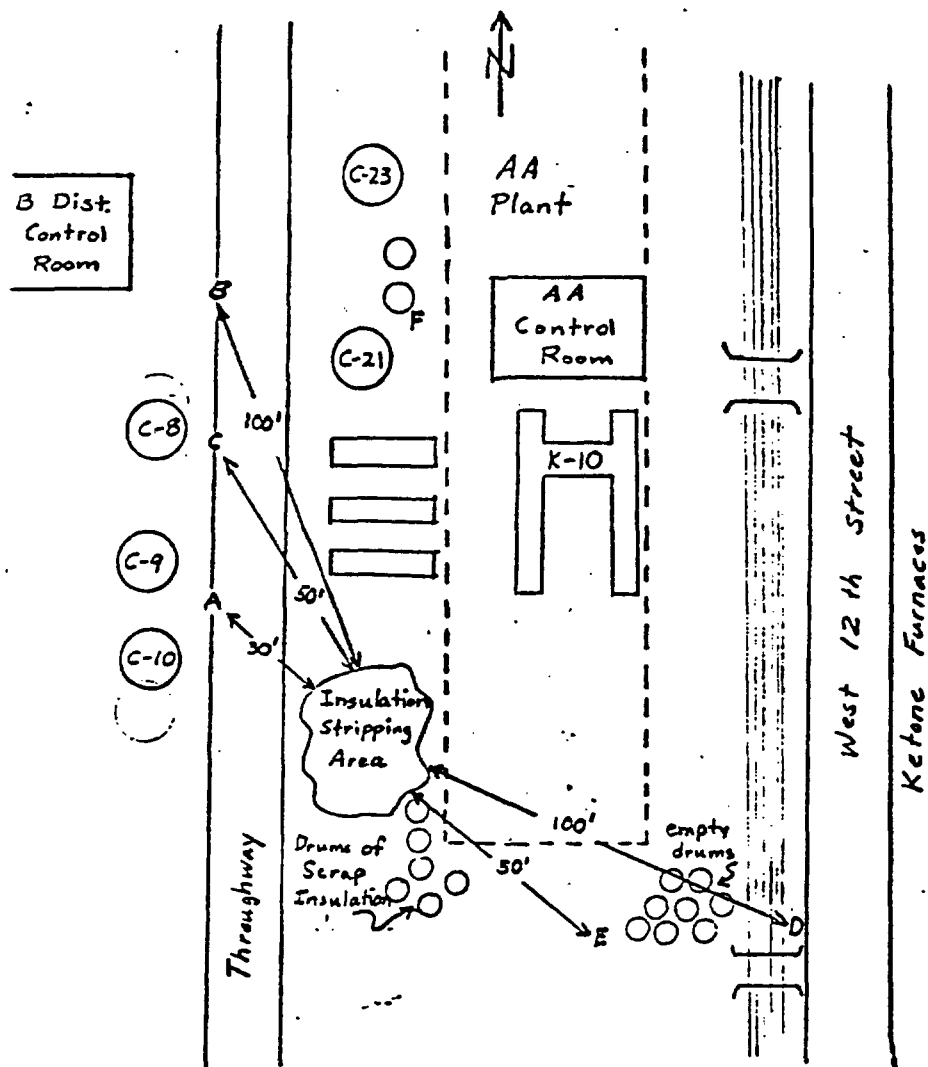
DPMC-18129

LAM 006262

ASBESTOS MONITORING RESULTS - OLD ALLYL CHLORIDE FACILITY DEMOLITION

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Sample Number	Date	Sample Period		Location	Wind		Working Conditions	Sample Results (Fibers/cc)
		From	To		Direction	Speed (mph)		
A-6	2-12-76	0820	0945	A	SE	5	(Same as A-5)	.016
A-7	2-12-76	0820	0945	B	SE	5	(Same as A-5)	.015
A-8	2-18-76	1030	1200	D	NW	5	(Same as A-5)	.018
A-9	2-18-76	1030	1200	E	NW	5	(Same as A-5)	.017

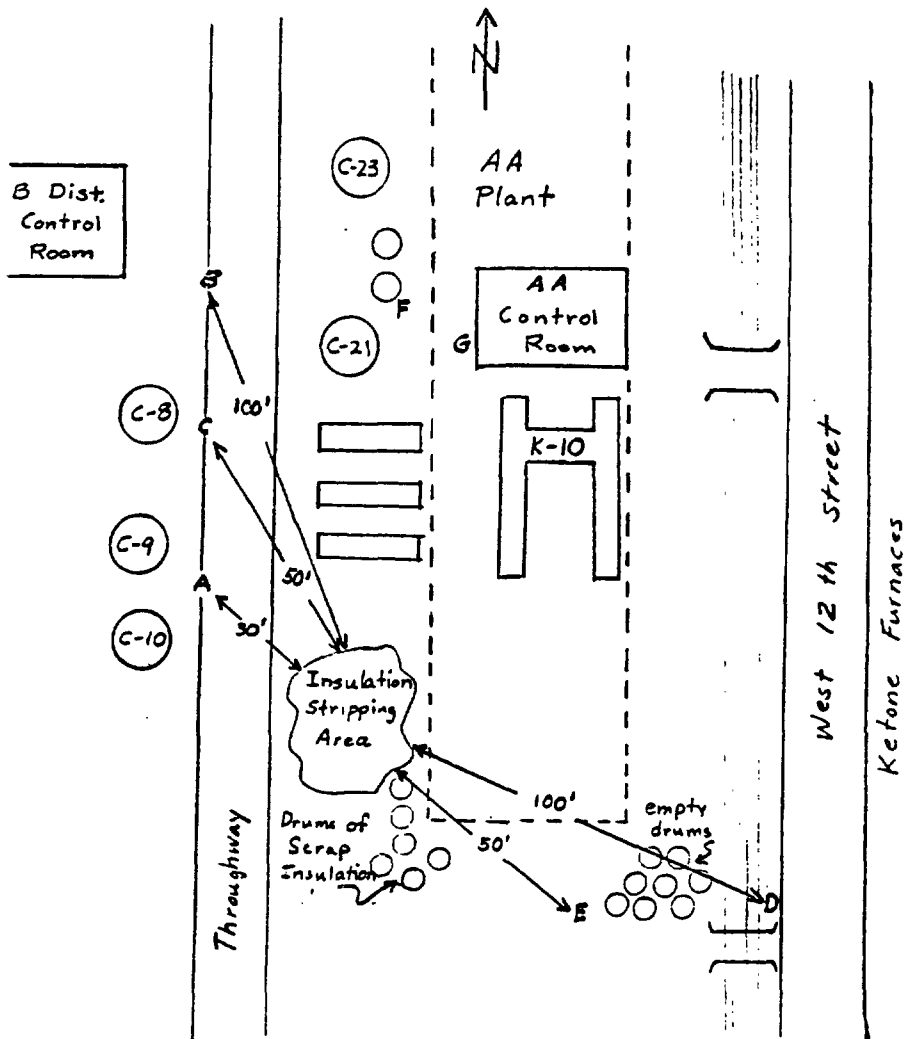


DPMC-18130

LAM 006263

ASBESTOS MONITORING RESULTS - OLD ALLYL CHLORIDE FACILITY DEMOLITION

Sample Number	Date	Sample Period		Location	Wind		Working Conditions	Sample Results (Fibers/cc)
		From	To		Direction	Speed (mph)		
A-10	2-19-76	1025	1200	B	SE	5	Two large exchangers (both insulated) were being removed from second level of structure next to compressor shed; occasional disassembling of pipe with insulation removal and bagging	.02
A-11	2-19-76	1027	1200	F	SE	5	(same as A-10)	.02
A-12	2-19-76	1040	1200	G	SE	5	(same as A-10)	.05
A-13	2-20-76	1310	1545	F	S	5-10	Insulation removal from exchanger (4' diameter, 15' length) located in thoroughway between C-8 & C-21 from 1310 to 1400; Removing C-21 overhead line from 1445 to 1530	.02

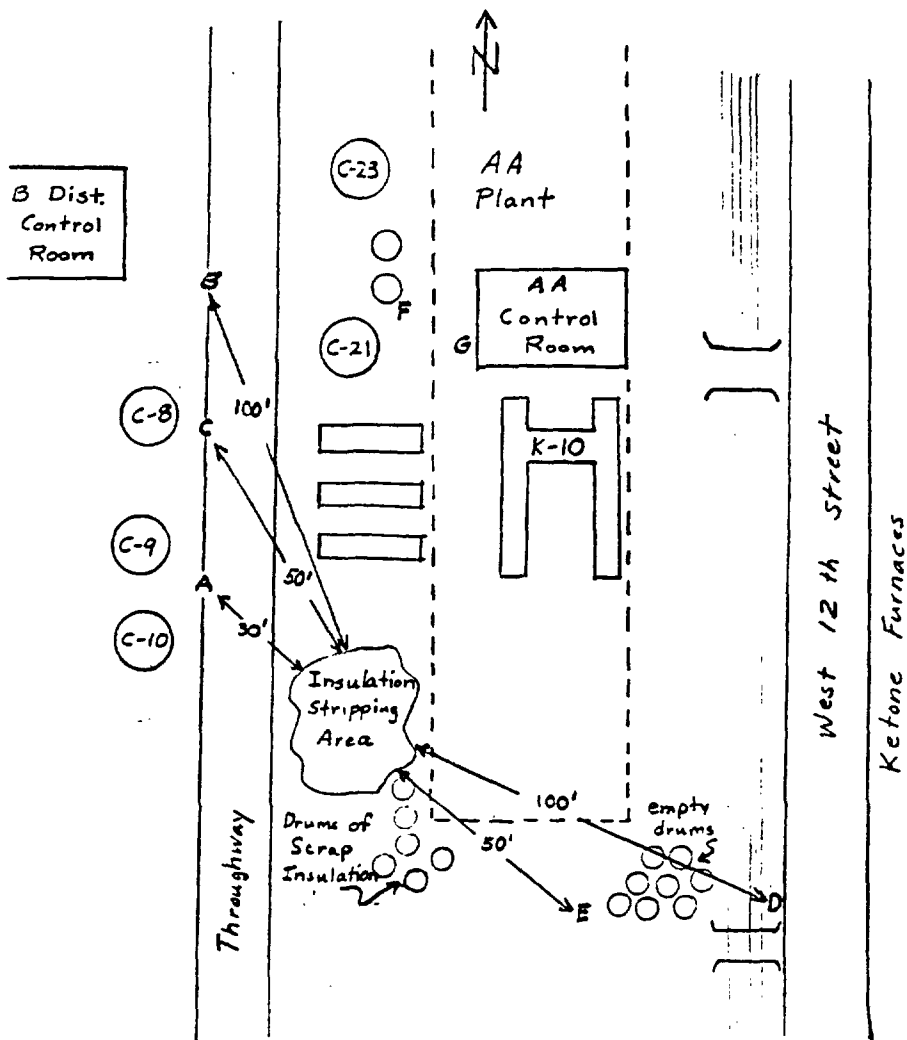


DPMC-18131

LAM 006264

ASBESTOS MONITORING RESULTS - OLD ALLYL CHLORIDE FACILITY DEMOLITION

Sample Number	Date	Sample Period		Location	Wind		Working Conditions	Sample Results (Fibers/cc)
		From	To		Direction	Speed (mph)		
A-14	2-20-76	1310	1540	B	S	5-10	(same as A-13)	.01
A-15	3-11-76	1230	1540	A	E, SE	10	Stripping insulation (ca 2 hours) from C-20 which was located in the insulation stripping area	.004
A-16	3-11-76	1230	1540	C	E, SE	10	(same as A-15)	.006
A-17	3-11-76	1230	1540	B	E, SE	10	(same as A-15)	.003



DPMC-18132

LAM 006265