Katy. To build a case for non-monitoring of limited monitored tasks for OSHA we need to have summaries of types of exposures on tasks? Detail is still needed as backup.

PLAINTIFF'S EXHIBIT

DOW-936

ST0046837

SUMMARY

The following data have been compiled from Dow Chemical U.S.A. Industrial Hygiene reports for use in estimating future exposures to asbestos during particular job related tasks. For each task, approved procedures and guidelines for asbestos handling and removal were followed during the time of monitoring. Consequently, the data represent potential exposures.

The data are divided into tables, with each table representing a group of related tasks. Each table indicates whether the sample was a personal or area sample, the duration of monitoring (in minutes), the fibers/cc, the 8-hour time-weighted average fiber concentration, any comments related to the sample, and the file number and source of the report the data were obtained from. The 8 hour time weighted average (TWA) is only indicated in those cases where it was given in the report. If more than one sample was used to calculate the TWA, it is given next to the last sample in the series. For example, in Table 1 the fifth through ninth sample (P1-P5) were all taken on the same person. The TWA was calculated to be <0.01 and is indicated in P5 row. The comments columns of the tables indicate whether the sample was taken inside or outside of a building and also any specific task being performed, as mentioned in the report.

Comments Related to Specific Tables

Asbestos removal from Pipelines

Table 1 summarizes the personal and area asbestos monitoring of personnel involved in asbestos removal from pipelines. If an H is indicated in the comments column, the report indicated the employee was a helper assisting the personnel involved in the removal process. The helpers' activities included transporting the bagged asbestos and cleanup. The G in the comments column means glove bags were specifically mentioned in the report as being used. No mention of glove bags does not necessarily mean that they were not used.

Asbestos Gasket Maintenance

Table 2 is a summary of monitoring during activities related to Garlock gaskets. Cutting operations include cutting the gaskets with either a chisel blade, Bosch Unishears, or a Roller Cutter. If local exhaust ventilation, surfactant, or glove bags were used and specifically mentioned in the report, this has been indicated. If not indicated in the data, it does not necessarily mean they were not used.

Asbestos issues with chlor-alkali plants

Table 3 includes activities related to Chlor-Alkali plants. The first ten samples from report LAD-CS-86.01 were taken during the cleaning of copper on cathodes by brushing with a wire brush. Based on these results, the procedure was changed to wiping with a wet cloth. The remaining results from this report reflect this change. Some of the reports in this area were very specific in indicating the activities

each person was involved in. Because of the large variety of tasks monitored, the tasks were grouped together if they were commonly performed by the same person. For example, personnel indicated as L2 commonly performed debagging, mixing pulp, and loading/unloading of the oven. The groups do not mean that personnel performed all of those duties but were involved in one or more of the listed activities.

Table 4 is a summary of air monitoring during the removal of Transite boards or shingles.

Asbestos Exposures Associated with Transite Removal

ST0046838

TABLE X 2

Summary of personal and area asbestos monitoring during asbestos removal from steam lines and other pipelines for maintenance activities or prior to demolition

Sample*	Time (min)	Fibers/cc 8 hr TWA+		Comments**	File # (Source)
P	30	1.31	0.08	I	HEH2.1-1-77(8)(MI)
P	30	0.15	0.009	I	"
P	20	0.06	<0.003	I	"
P	20	<0.06	<0.003	I	"
P1	5	0.33		I	"
P2	15	0.1		I	"
P3	15	<0.08		I	"
P4	10	<0.03		I	"
P5	15	<0.08	<0.01	I	"
P1	5	<0.25		I	"
P2	15	<0.08		I	"
P3	15	<0.08		I	"
P4	10	0.2		I	"
P5	15	<0.08	<0.01	I	"
P1	10	<0.13		I	"
P2	10	0.13	<0.005	I	"
P1	10	0.22		I	"
P2	10	0.16	0.008	I	"
P	630	0.096		I	A5-2695(TX)
P	630	0.057		I	"
P	630	0.031		I	"
P	630	0.135		I	"
P	630	0.079		I	"
P	180	0.21	0.08	I	LPAS-3128(TX)
P	180	0.37	0.14	H,I	"
P	125	0.77	0.2	I	"
P	125	0.61	0.16	H,I	"
[redacted]					"
[redacted]					"
P	67	0.03	<0.01	O	LPAS-3129(TX)
P	66	0.01	<0.01	H,O	"
P	370	0.03	0.02	I	LPFP-3131(TX)
P	370	0.01	0.01	H,I	"
P	185	0.05	0.02	I	"
P	185	0.02	0.01	H,I	"
[redacted]					"
[redacted]					"
P	270	<0.01	<0.01		LPAS-3133(TX)
P	270	<0.01	<0.01	H	"
P	315	0.01	0.01		"
P	315	0.01	0.01	H	"
P	302	0.01	0.01	H	"
P	302	0.05	0.01	H	"
[redacted]					"
[redacted]					"
P	125	0.79	0.21	I	LPM-3132(TX)
P	125	0.12	0.03	H,I	"

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P	135	0.08		I	B10-2795(TX)
P	137	0.19		I	"
P	129	0.07		H,I	"
P	132	0.1		H,I	"
P	255	0.03		O	B54-3014(TX)
P	195	0.14		O	"
P	255	<0.001		H,O	"
P	195	0.01		H,O	"
P1	202	<0.01		O	B54-2935(TX)
P2	210	0.21	0.11	O	"
P1	202	0.39		O	"
P2	211	0.27	0.33	O	"
P	216	0.09		O	"
P1	202	0.18		O	"
P2	213	0.07	0.12	O	"
[redacted]					"
P	74	0.21		I	B12-3016(TX)
P	70	0.35		I	"
P	178	0.11		O	B17-2998(TX)
P	190	0.12		O	"
P	181	0.13		O	"
P	183	0.09		O	"
P1	187	0.02		H,O	"
P2	179	0.02	0.02	H,O	"
P	357	0.06		O	HEH35.12-44793-9(21)(MI)
P	416	@		O	"
P	450	0.03		I	"
P	430	0.006		O	"
P	438	0.04		O	"
P	438	0.09		O	"
P	420	@			"
P	420	@			"
[redacted]					"
[redacted]					"
[redacted]					"
P1	190	0.08		I	B25-3024(TX)
P2	180	0.02	0.04	I	"
P1	190	0.13		I	"
P2	175	0.07	0.08	I	"
P1	231	0.1		I	"
P2	220	0.07	0.08	I	"
P1	230	0.26		I	"
P2	217	0.24	0.23	I	"
[redacted]				I	"
[redacted]				I	"
[redacted]				I	"
[redacted]				I	"
P	210	@		I	B24-3117(TX)
P	210	0.78	0.34	I	"
P	210	0.28	0.12	I	"
P1	210	0.12		I	"
P2	210	0.33	0.2	I	"
P1	210	0.35		I	"
P2	210	0.25	0.26	I	"
P1	210	0.3		I	"
P2	210	0.13	0.19	I	"

44 6.277

ST00168810

P1	210	0.17		I	"
P2	210	0.32	0.21	I	" — comment - why
P1	317	0.38		I	B1-2990(TX)
P2	205	0.14	0.31	I	"
P1	270	0.56		I	"
P2	206	0.23	0.41	I	"
P1	273	0.2		I	"
P2	208	0.2	0.2	I	"
P1	180	0.07		O	A18-2943(TX)
P2	236	0.01	0.03	O	"
P1	180	0.05		O	"
P2	260	0.06	0.05	O	"
[redacted]				O	"
[redacted]				O	"
[redacted]				O	"
[redacted]				O	"
P1	187	@		I	B24-3058(TX)
P2	260	@		I	"
P1	185	0.22		I	"
P2	260	0.05		I	"
P1	189	@		I	"
P2	260	@		I	"
P	465	0.19		O	B1-2954(TX)
[redacted]				O	"
P1	215	0.0008		O	A26-3070(TX)
P2	163	0.003	0.001	O	"
P1	210	0.0009		O	"
P2	156	0.001	0.0007	O	"
[redacted]				O	"
[redacted]				O	"
[redacted]				O	"
[redacted]				O	"
[redacted]				I,G	A32-3069(TX)
[redacted]				I,G	"
P1	258	0.076		I	"
P2	115	0.43	0.14	I	"
P	200	0.33	0.33	I	"
[redacted]				I	"
[redacted]				I	"
[redacted]				I	"
[redacted]				I	"
P1	103	0.02		O	"
P2	200	0.237	[redacted]1	O	"
P1	105	0.082		O	"
P2	200	0.531	[redacted].24	O	"
P1	107	0.029		O	"
P2	200	0.13	0.06	O	"
[redacted]				O	"
[redacted]				O	"
[redacted]				O	"
[redacted]				O	"
P	184	0.57	0.22	I,G	B25-3057(TX)
P	184	0.3	0.12	I,G	"
[redacted]				I,G	"
P	418	0.19	0.16	I	"
P	418	0.49	0.43	I	"
[redacted]				I	"

6207

ST0016811

[redacted]				I	"
				I	"
				I	"
P	115	0.04	0.01	O,G	A5-2849P(TX)
P	135	0.52	**0.15**	O,G	"
P	135	0.46	**0.13**	O,G	"
P	458	0.19	**0.18**	I,G	A26-2890A(TX)
P	454	0.12	0.11	I,G	"
[redacted]				I,G	"
				I,G	"
P	370	0.4	0.3	I	"
P	366	0.22	0.17	I	"
[redacted]				I	"
				I	"
P	53	1.26		I	B39-3053(TX)
P	221	0.02	0.01	O	LPM-3130(TX)
P	221	0.01	0.01	H,O	"

* P=PERSONAL (IF FOLLOWED BY A NUMBER, IE P1-5, THE SERIES OF SEQUENTIALLY NUMBERED SAMPLES WAS TAKEN FOR THE SAME PERSON); A=AREA
**G=GLOVE BAGS; H=HELPER; I=INSIDE; O=OUTSIDE
@ OVERLOADED WITH FIBERS AND DEBRIS
+ THE TWA IS INCLUDED ONLY IF IT WAS GIVEN IN THE REPORT

ST0016812

TABLE ~~2~~ 4

Summary of personal and area asbestos monitoring during the removal, maintenance, or installation of asbestos containing gaskets

Sample*	Time (min)	Fibers/cc	8 hr TWA+	Comments**	File #(SOURCE)
A	485.00	0.01	0.01	S,I	B16-3087A(TX)
A	470.00	0.01	0.01	S,I	"
A	117.00	0.01	0.00	R,N,I	"
A	517.00	0.02	0.02	R,N,I	"
A	514.00	0.01	0.01	R,N,I	"
P	152.00	0.12		R,I	B1-3123P(TX)
P	182.00	0.07		R,I	"
P	192.00	0.15		R,I	"
P1	10.00	0.05		T,I	A24-3066(TX)
P2	204.00	0.05	0.02	R,I	"
P1	10.00	<0.02		T,I	"
P2	204.00	0.04	0.02	R,I	"
P1	10.00	0.13		R,I	"
P2	8.00	0.19	<0.01	R,I	"
P	7.00	0.17	<0.01	R,I	"
P1	17.00	0.08		T,I	"
P2	31.00	0.60	0.04	R,I	"
P1	17.00	0.13		T,I	"
P2	29.00	0.15	0.01	R,I	"
P1	16.00	0.10		T,I	"
P2	31.00	<0.01	<0.01	R,I	"
P1	16.00	0.10		T,I	"
P2	30.00	0.05	<0.01	R,I	"
P	137.00	0.04	0.01	N,I	"
P	136.00	0.03	0.01	N,I	"
P	286.00	0.06	0.04	N,I	"
P	289.00	0.11	0.07	N,I	"
P1	44.00	0.65		C,X,I	"
P2	40.00	0.30		C,X,I	"
P3	40.00	0.20		C,X,I	"
P4	134.00	0.23	0.06	C,X,I	"
P	54.00	2.00	0.22	R,X,H,I	"
P	60.00	0.65	0.08	R,X,F,I	"
P1	40.00	0.11		C,V,I	"
P2	30.00	0.07		C,V,I	"
P3	32.00	0.09	0.02	C,V,I	"
P1	40.00	0.21		C,V,I	"
P2	30.00	0.03		C,V,I	"
P3	32.00	0.13	0.03	C,V,I	"
A	416.00	<0.01		S,I	"
A	429.00	<0.01		S,I	"
A	437.00	<0.01		S,I	"
A	135.00	<0.01		I	
A	102.00	0.07		I	
P1	66.00	0.04		R,N,I	B25-3076(TX)
P2	25.00	0.02		R,N,I	"
P3	14.00	0.03	0.007	R,N,I	"

Summarize

1 Storage inside

2 Removal

3 Removal & Installation

4 Cutting

ST0046843

A	37.00	0.06		I	"
P1	160.00	0.01		R,F,I	A12-3119(TX)
P2	40.00	0.01	<0.01	R,F,I	"
P1	60.00	0.05		R,I	"
P2	30.00	0.37		R,I	"
P3	20.00	0.19	0.04	R,I	"
P	92.00	0.11		R,I	"
P	30.00	0.06	<0.01	R,I	"
P	15.00	<0.01	<0.01	R,I	"
P	30.00	0.09	<0.01	R,I	"
P	15.00	0.08	<0.01	C,I	"
P	8.00	<0.01	<0.01	R,I	"
P	80.00	<0.01	<0.01	R,F,I	B1-3121(TX)
P	27.00	0.02	<0.01	R,G,I	"
P	60.00	0.73	0.09	C,G,I	"
P	30.00	0.05	<0.01	R,G,I	"
P	31.00	0.06	<0.01	R,I	"
P	11.00	<0.01	<0.01	R,I	"
P	50.00	<0.01	<0.01	C,G,I	"
A	472.00	0.05		C,I	HEH2.1-1-76(1)(MI)
A	475.00	0.035		C,I	"
A	455.00	0.04		C,I	"
A	458.00	0.011		C,I	"
A	480.00	0.015		S,I	B4-3157(TX)
A	180.00	0.011		S,I	"
A	480.00	0.005		S,I	"
A	445.00	0.01		S,I	B44-3072(TX)

*P=PERSONAL SAMPLE (IF FOLLOWED BY A NUMBER, IE P1-5, THE SERIES OF SEQUENTIALLY NUMBERED SAMPLES WAS TAKEN FOR THE SAME PERSON); A= AREA SAMPLE
** C=CUTTING OPERATION; F=SURFACTANT USED; G=GLOVE BAGS USED; H=NO SURFACTANT; I=INSIDE; N=GASKET INSTALLATION; O=OUTSIDE; R=REMOVAL; S=GASKET STORAGE AREA; T=GASKET TRANSPORT; V=LOCAL EXHAUST VENTILATION; X=NO LOCAL EXHAUST VENTILATION
+ THE TWA IS INCLUDED ONLY IF IT WAS GIVEN IN THE REPORT

ST0046844

TABLE 5

Summary of personal and area asbestos monitoring during Chlor-Alkali plant activities

Sample*	Time (min)	Fibers/cc	Comments**	File #(Source)
A	419	<0.002	C,O	HEH2.1-39-1(2)(CA)
A	423	<0.002	C,O	"
A	423	<0.002	C,O	"
A	441	0.004	C,O	"
A	439	0.005	C,O	"
A	379	<0.003	C,O	"
A	373	0.005	C,O	"
A	372	<0.002	C,O	"
A	373	<0.002	C,O	"
A	394	<0.002	S1	"
A	393	<0.002	S1	"
A	365	0.007	S1	"
A	305	<0.002	S1	"
A	414	<0.002	S1	"
A	336	<0.002	S1	"
A	350	<0.002	S1	"
A	351	<0.002	S1	"
P	435	<0.003	C,O	"
P	432	<0.003	C,O	"
P	428	<0.003	C,O	"
P	447	0.006	C,O	"
P	443	0.015	C,O	"
P	439	0.029	C,O	"
P	424	0.006	T,O	"
P	426	0.007	T,O	"
P	434	0.007	T,O	"
P	425	0.003	T,O	"
P	433	<0.003	T,O	"
P	437	0.022	T,O	"
A	409	<0.002	S2,O	"
A	409	<0.002	S2,O	"
P	106	0.003	P	"
P	294	0.039	P	"
P	435	[redacted]	L1,I	LAD-CS-86.01(LA)
P	490	[redacted]	L2,I	"
P	480	0.01	L1,I	"
P	480	[redacted]	L2,I	"
P	490	[redacted]	L1,I	"
P	442	0.04	L3,I	"
P	465	0.15	L3,I	"
P	390	0.1	L1,I	"
P	470	0.03	L2,I	"
P	435	0.05	L1,I	"
A	445	<0.01	I	"
A	460	<0.01	I	"
P	450	<0.01	L3,I	"
P	460	0.03	L2,I	"
P	475	0.01	L2,I	"

1343 4.423

ST0016815

P	460	<0.01	L3,I	"
A	490	<0.01	I	"
A	420	<0.01	I	"
P	390	0.02	L3,I	"
P	390	<0.01	L1,I	"
P	460	0.01	L2,I	"
A	460	0.01	I	"
P	470	0.01	L4,I	"
A	430	<0.01	I	"
P	455	<0.01	L4,I	"
A	420	<0.01	I	"
P	390	0.06	L3,I	"
A	435	0.01	I	"
A	390	0.03	I	"
P	30	0.02	L2,I	"
P	120	2.24	L2,I	"
P	480	0.03	L2,I	"
P	450	0.02	L1,I	"
P	430	0.02	L2,I	"
A	445	0.03	I	"
A	445	0.01	I	"
P	60	0.94	L2,I	"
A	445	0.06	I	"
P	275	0.86	L2,I	"
P	490	0.01	L5,I	"
P	485	0.03	L5,I	"
P	390	0.02	L5,I	"
P	525	0.01	L5,I	"
P	460	0.01	L4,I	"
P	500	0.01	L4,I	"
P	475	0.01	L4,I	"
P	470	<0.01	T,I	"
P	460	0.01	T,I	"
P	435	0.08	L2,I	"
P	470	<0.01	L4,I	"
P	485	0.01	L2,I	"
P	475	<0.01	L5,I	"
P	480	<0.01	L5,I	"
P	435	0.01	L4,I	"
P	435	0.03	L4,I	"
P	435	0.02	L4,I	"
P	410	0.01	L5,I	"
P	410	<0.01	L5,I	"
P	410	<0.01	L5,I	"
P	470	<0.01	L2,I	"
P	470	0.02	L5,I	"
P	470	<0.01	L4,I	"
P	470	0.01	L4,I	"
P	470	0.03	L3,I	"
P	490	0.01	L5,I	"
P	493	0.01	L5,I	"
P	491	<0.01	L5,I	"
P	500	0.01	L5,I	"
P	489	0.01	L3,I	"
P	435	<0.01	L5,I	"
P	450	<0.01	L4,I	"

250/45 4.74

ST0046846

P	450	<0.01	L4,I	"
P	465	<0.01	L5,I	"
P	480	<0.01	L4,I	"
P	480	<0.01	L3,I	"
P	480	<0.01	L3,I	"
P	480	0.02	L2,I	"
P	465	0.01	L4,I	"
P	465	<0.01	L3,I	"
P	465	<0.01	L5,I	"
P	465	<0.01	L4,I	"
P	465	<0.01	L5,I	"
P	440	0.07	L3,I	"
P	440	0.01	L2,I	"
P	440	<0.01	L3,I	"
P	440	0.01	L2,I	"
P	420	0.01	L5,I	"
P	465	<0.01	L3,I	"
P	465	<0.01	L5,I	"
P	490	<0.01	L5,I	"
P	495	<0.01	L5,I	"
P	475	<0.01	L5,I	"
P	420	0.01	L4,I	"
P	420	<0.01	L4,I	"
P	435	<0.01	L4,I	"
P	420	<0.01	L4,I	"
P	420	0.01	L4,I	"
P	480	0.01	L3,I	"
P	450	<0.01	L4,I	"
P	450	<0.01	L4,I	"
P	480	<0.01	L3,I	"
P	450	<0.01	L5,I	"
P	480	<0.01	L5,I	"
P	450	0.02	L2,I	"
P	450	<0.01	L4,I	"
P	465	<0.01	L5,I	"
P	465	<0.01	L5,I	"
P	660	0.03	L5,I	"
P	660	0.01	L5,I	"
P	660	0.01	L5,I	"
P	465	<0.01	L5,I	"
P	465	0.01	L5,I	"
P	450	0.01	L5,I	"
P	480	0.01	L5,I	"
P	480	0.01	L5,I	"
P	465	0.01	L5,I	"
P	465	0.01	L5,I	"
P	480	0.02	L5,I	"
P	455	0.01	L5,I	"
P	495	0.01	L2,I	"
A	680	0.01	I	"
A	680	0.03	I	"
P	510	0.01	L2,I	"
P	480	0.01	L4,I	"
P	360	<0.01	L4,I	"
P	360	<0.01	L4,I	"
P	480	<0.01	L5,I	"

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45

P	480	0.03	L5,I	"
P	480	0.01	L5,I	"
A	615	0.01	I	"
A	615	<0.01	I	"
P	470	<0.01	L5,I	"
P	470	<0.01	L5,I	"
P	450	<0.01	L5,I	"
P	480	<0.01	L5,I	"
P	405	<0.01	L5,I	"
A	465	<0.01	S3,I	"
A	480	<0.01	S3,I	"
A	480	<0.01	S3,I	"
A	480	<0.01	S3,I	"
P	480	0.01	L4,I	"
P	480	0.01	L4,I	"
A	480	0.01	S3,I	"
A	480	0.02	S3,I	"
A	480	0.09	S3,I	"
P	450	0.03	L1,I	"
P	450	0.11	L1,I	"
P	480	0.01	L4,I	"
P	500	0.03	L4,I	"
P	485	0.02	L4,I	"
P	480	0.01	L2,I	"
P	480	0.03	L4,I	"
P	75	0.03	P	CL2-86.01(LA)
P	60	0.02	P	"
P	70	0.01	P	"
P	65	<0.01	P	"
P	41	0.01	P	"
P	25	0.07	P	"
P	48	0.04	P	"
P	25	0.02	P	"
P	48	0.04	P	"
P	55	0.04	P	"
P	420	0.01	P	"
P	405	0.01	P	"
P	555	<0.01	P	"
P	480	<0.01	P	"
P	480	<0.01	P	"
P	480	0.01	P	"
P	540	<0.01	P	"
P	495	<0.01	P	"
P	510	<0.01	P	"
P	330	0.02	P	"
P	90	0.01	P	"
P	390	<0.01	P	"
P	480	<0.01	P	"
P	60	0.05	P	"
P	30	<0.02	P	"
P	115	0.03	P	"
P	115	0.02	P	"
P	52	**0.1**	P	"
P	60	0.05	P	"
P	100	0.01	P	"
P	100	0.03	P	"

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P	45	0.02	P	"
P	45	<0.01	P	"
P	30	0.03	P	"
P	80	0.02	P	"
P	90	<0.01	P	"
P	105	<0.01	P	"
P	30	0.05	P	"
P	410	<0.03	T	HEH34.21-21-5(9)(MI)
P	410	0.04	T	"
P	420	<0.03	B	"
P	420	<0.03	L2	"
P	420	0.03	T	"
P	395	0.14	L2	"
P	395	0.06	T	"

* P=PERSONAL SAMPLE, A=AREA SAMPLE
** B=STITCHING UP BAGS TO ENCLOSE A PAIR OF CATHODES; C=CELL SEALING OPERATION; I=INSIDE; L1=HAND BRUSHING COPPER ON CATHODE TO REMOVE ASBESTOS, CLEANING OUT WASHER SUMP; L2=DEBAGGING, MIXING PULP, HOOKING UP CATHODES, LOADING AND UNLOADING OVEN, LOADING AND UNLOADING ASBESTOS, REMOVING CATHODES; L3=WASHING CATHODES, DRAWING CATHODES; L4=BANDING ANODES, DROPPING DIAPHRAGMS IN CELLS AND BUCKLING DOWN, DROPPING IN CATHODES/ANODES; L5=TURNAROUND TRAILER SKIN GROUNDING, STOCK ROOM, INSPECTION, SUPERVISOR; P=PULPING OPERATION; S1=UNSEALED CELL BODY STORAGE AREA; S2=CATHODE STORAGE AREA; S3=ASBESTOS STORAGE ROOM; T=TRANSPORT OF CELL BODIES OR CELL COMPONENTS

ST0046819

.51
14

27 + 16 + 54 + 47 + 14
4.423 + 4.74 + .65 + .199 + .51

L1 has done
cleaning out washer sump - obsolete
mixing pulp - high exp.
debagging

10.522
188
or
5.202
186
.028

TABLE ~~4~~ 3 or

Summary of personal and area asbestos monitoring during removal of Transite boards of shingles

— check there are additional more recent reports

Sample*	Time (min)	Fibers/cc	8 hr TWA+	Comments**	File # (Source)
A	[redacted]			I	A6-3311 (TX)
A	[redacted]			I	"
A	[redacted]			I	"
A	[redacted]			I	"
A	[redacted]			I	"
A	[redacted]			I	"
A	[redacted]			I	"
A	[redacted]			I	"
P	230	0.04	0.02	O	A7-3048 (TX)
P	270	0.07	0.04	O	"
P	230	0.007	0.003	O	"
P	270	0.02	0.01	O	"
A	[redacted]			O	"
A	[redacted]			O	"
P	400	0.02	0.017	O	B35-2878-P (TX)
P	300	0.07	0.044	O	"
P	300	0.07	0.044	O	"
P	300	0.03	0.019	O	"
P	94	0.01		O	HEH2.1-1-234(2) (MI)
P	62	<0.03		O	"
P1	90	<0.01		O	"
P2	62	<0.02		O	"
P1	88	<0.01		O	"
P2	63	<0.02		O	"

*P=PERSONAL SAMPLE (IF FOLLOWED BY A NUMBER, IE P1-2, THE SERIES OF SEQUENTIALLY NUMBERED SAMPLES WERE TAKEN ON THE SAME PERSON); A= AREA SAMPLE
**I=INSIDE, O=OUTSIDE
+ THE TWA IS INCLUDED ONLY IF IT WAS GIVEN IN THE REPORT

$\frac{.427}{14}$ $\frac{.147}{8}$

ST0046850