

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT

VINYL CHLORIDE MONOMER

PAGE NO. 23
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT LABORATORY UNIT

NORMAL	PERSONAL	LAB, TECHNICAL	11/10/82	630	DAY	TWA	0.020	PPM	440	440	SINGLE		
			12/03/82	650	NIGHT	TWA	0.020	PPM	465	465	SINGLE		
			12/07/82	698	DAY	TWA	0.010	PPM	420	420	SINGLE		
			12/15/82	711	DAY	TWA	0.070	PPM	480	480	SINGLE		
			12/21/82	719	DAY	TWA	0.050	PPM	480	480	SINGLE		

PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	BOILERMAKER	01/05/82	004	DAY	TWA	0.050	PPM	515	515	SINGLE			
			01/13/82	019	DAY	TWA	0.010	PPM	435	435	SINGLE			
			02/02/82	042	DAY	TWA	<	0.010	PPM	495	495	SINGLE		
			03/04/82	082	DAY	TWA	<	0.020	PPM	485	485	SINGLE		
			03/08/82	090	DAY	TWA	<	0.010	PPM	480	480	SINGLE		
			04/05/82	120	DAY	TWA	<	0.010	PPM	500	500	SINGLE		
			04/14/82	137	DAY	TWA	<	0.020	PPM	480	480	SINGLE		
			05/05/82	160	DAY	TWA	<	0.010	PPM	480	480	SINGLE		
			05/16/82	212	DAY	TWA	<	0.030	PPM	420	420	SINGLE		
			05/16/82	213	DAY	TWA	<	0.260	PPM	420	420	SINGLE		
			05/16/82	214	DAY	TWA	<	0.070	PPM	420	420	SINGLE		
			05/16/82	215	DAY	TWA	<	0.070	PPM	420	420	SINGLE		
			05/16/82	223	DAY	TWA	<	0.020	PPM	530	530	SINGLE		
			05/17/82	241	DAY	TWA	<	0.010	PPM	540	540	SINGLE		
			05/17/82	251	DAY	TWA	<	0.010	PPM	585	585	SINGLE		
			05/17/82	266	NIGHT	TWA	<	0.010	PPM	485	485	SINGLE		
			05/17/82	270	NIGHT	TWA	<	0.020	PPM	540	540	SINGLE		
			05/18/82	285	DAY	TWA	<	0.010	PPM	575	575	SINGLE		
			05/18/82	287	DAY	TWA	<	0.010	PPM	610	610	SINGLE		
			05/18/82	288	DAY	TWA	<	0.010	PPM	545	545	SINGLE		
			05/18/82	297	NIGHT	TWA	<	0.020	PPM	522	522	SINGLE		
			05/18/82	298	NIGHT	TWA	<	0.010	PPM	465	465	SINGLE		
			05/18/82	299	NIGHT	TWA	<	0.010	PPM	540	540	SINGLE		
			05/19/82	319	DAY	TWA	<	0.010	PPM	600	600	SINGLE		
			05/19/82	321	DAY	TWA	<	0.010	PPM	590	590	SINGLE		
			05/19/82	328	DAY	TWA	<	0.060	PPM	565	565	SINGLE		
			05/19/82	348	NIGHT	TWA	<	0.010	PPM	510	510	SINGLE		
			05/20/82	346	NIGHT	TWA	<	0.010	PPM	510	510	SINGLE		
			05/20/82	347	NIGHT	TWA	<	0.010	PPM	510	510	SINGLE		
			05/20/82	360	DAY	TWA	<	0.010	PPM	595	595	SINGLE		
			05/20/82	385	NIGHT	TWA	<	0.010	PPM	470	470	SINGLE		
			05/20/82	386	NIGHT	TWA	<	0.050	PPM	480	480	SINGLE		

AIR-SPL FUL-FACE

VVC 000016218

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT

PAGE NO. 24
DATE 03/14/84
TIME 07.59.44

VINYL CHLORIDE MONOMER

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	BOILERMAKER	05/21/82	395	DAY	TWA	0.010	PPM	585	585	SINGLE			
			05/21/82	396	DAY	TWA	0.010	PPM	585	585	SINGLE			
			05/21/82	397	DAY	TWA	0.010	PPM	600	600	SINGLE			
			06/21/82	425	DAY	TWA	0.060	PPM	480	480	SINGLE			
			07/19/82	476	DAY	TWA	0.010	PPM	465	465	SINGLE			
			08/03/82	488	DAY	TWA	0.010	PPM	480	480	SINGLE			
			08/16/82	515	DAY	TWA	0.010	PPM	475	475	SINGLE			
			09/08/82	541	DAY	TWA	0.010	PPM	480	480	SINGLE			
			10/04/82	571	DAY	TWA	0.030	PPM	510	510	SINGLE			
			10/14/82	593	DAY	TWA	0.040	PPM	480	480	SINGLE			
			11/02/82	612	DAY	TWA	0.010	PPM	480	480	SINGLE	AIR-SPL	FUL-FACE	
			11/15/82	634	DAY	TWA	<	0.010	PPM	480	480	SINGLE		
			12/03/82	653	DAY	TWA	0.010	PPM	480	480	SINGLE			
			12/05/82	678	DAY	TWA	5.260	PPM	365	365	SINGLE	AIR-SPL	FUL-FACE	
			12/05/82	679	DAY	TWA	0.070	PPM	365	365	SINGLE			
			12/05/82	681	DAY	TWA	3.650	PPM	380	380	SINGLE	AIR-SPL	FUL-FACE	
			12/05/82	683	DAY	TWA	1.150	PPM	370	370	SINGLE			
			12/05/82	690	DAY	TWA	0.170	PPM	360	360	SINGLE	AIR-SPL	FUL-FACE	

NORMAL	PERSONAL	CARPENTER	01/25/82	035	DAY	TWA	0.040	PPM	470	470	SINGLE			
			02/08/82	053	DAY	TWA	0.020	PPM	480	480	SINGLE			
			03/12/82	101	DAY	TWA	0.190	PPM	405	405	SINGLE			
			04/06/82	123	DAY	TWA	0.030	PPM	465	465	SINGLE			
			05/11/82	172	DAY	TWA	<	0.010	PPM	510	510	SINGLE		
			05/17/82	257	DAY	TWA	0.010	PPM	605	605	SINGLE			
			05/17/82	258	DAY	TWA	<	0.010	PPM	605	605	SINGLE		
			05/17/82	262	NIGHT	TWA	<	0.010	PPM	495	495	SINGLE		
			05/17/82	263	NIGHT	TWA	<	0.010	PPM	495	495	SINGLE		
			08/06/82	495	DAY	TWA	0.010	PPM	480	480	SINGLE			
			09/02/82	534	DAY	TWA	0.060	PPM	455	455	SINGLE			
			10/15/82	596	DAY	TWA	0.090	PPM	485	485	SINGLE			
			11/05/82	620	DAY	TWA	0.010	PPM	500	500	SINGLE			
			12/05/82	675	DAY	TWA	0.280	PPM	375	375	SINGLE			
			12/05/82	676	DAY	TWA	0.140	PPM	375	375	SINGLE			
			12/09/82	699	DAY	TWA	0.010	PPM	600	600	SINGLE			

NORMAL	PERSONAL	CUSTODIAL	01/25/82	033	DAY	TWA	0.030	PPM	480	480	SINGLE		
			02/16/82	068	DAY	TWA	0.040	PPM	290	290	SINGLE		
			04/14/82	136	DAY	TWA	0.020	PPM	480	480	SINGLE		
			05/19/82	327	DAY	TWA	0.020	PPM	430	430	SINGLE		

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INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT

PAGE NO. 25
DATE 03/14/84
TIME 07.59.44

VINYL CHLORIDE MONOMER

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	CUSTODIAL	08/24/82	527	DAY	TWA	0.010	PPM	450	450	SINGLE			
			10/08/82	585	DAY	TWA	<	0.010	PPM	490	490	SINGLE		
			11/03/82	613	NIGHT	TWA	<	0.010	PPM	490	490	SINGLE		
			12/05/82	694	DAY	TWA		0.070	PPM	465	465	SINGLE		

NORMAL	PERSONAL	ELECTRICIAN	01/06/82	008	DAY	TWA	0.030	PPM	465	465	SINGLE			
			02/05/82	050	DAY	TWA		0.010	PPM	450	450	SINGLE		
			04/06/82	122	DAY	TWA		0.030	PPM	480	480	SINGLE		
			05/10/82	168	DAY	TWA	<	0.010	PPM	480	480	SINGLE		
			05/17/82	256	DAY	TWA	<	0.010	PPM	590	590	SINGLE		
			05/17/82	259	NIGHT	TWA		0.010	PPM	465	465	SINGLE		
			05/18/82	295	DAY	TWA		0.020	PPM	615	615	SINGLE		
			05/18/82	311	NIGHT	TWA	<	0.010	PPM	470	470	SINGLE		
			05/19/82	329	DAY	TWA	<	0.010	PPM	570	570	SINGLE		
			05/20/82	367	DAY	TWA		0.010	PPM	600	600	SINGLE		
			06/21/82	424	DAY	TWA		0.020	PPM	480	480	SINGLE		
			07/08/82	458	DAY	TWA		0.020	PPM	480	480	SINGLE		
			08/09/82	497	DAY	TWA		0.020	PPM	540	540	SINGLE		
			10/18/82	598	DAY	TWA		0.020	PPM	450	450	SINGLE		
			11/09/82	622	DAY	TWA		0.010	PPM	480	480	SINGLE		
			12/05/82	664	DAY	STEL		0.120	PPM	1		SINGLE		
12/13/82	703	DAY	TWA		0.030	PPM	450	450	SINGLE					

NORMAL	PERSONAL	INSTRUMENTMAN	01/11/82	012	DAY	TWA	0.040	PPM	470	470	SINGLE			
			01/15/82	021	DAY	TWA		0.030	PPM	460	460	SINGLE		
			02/08/82	052	DAY	TWA		0.020	PPM	495	495	SINGLE		
			03/05/82	086	DAY	TWA		0.020	PPM	480	480	SINGLE		
			03/08/82	091	DAY	TWA		0.020	PPM	480	480	SINGLE		
			04/07/82	125	DAY	TWA		0.090	PPM	480	480	SINGLE		
			04/07/82	126	DAY	TWA		0.080	PPM	490	490	SINGLE		
			05/10/82	169	DAY	TWA		0.100	PPM	480	480	SINGLE		
			05/15/82	188	DAY	TWA		0.100	PPM	225	225	SINGLE		
			05/15/82	189	DAY	TWA		0.080	PPM	225	225	SINGLE		
			05/15/82	190	DAY	TWA		0.100	PPM	225	225	SINGLE		
			05/15/82	191	DAY	TWA		0.100	PPM	225	225	SINGLE		
			05/15/82	192	DAY	TWA		0.110	PPM	225	225	SINGLE		
			05/15/82	194	DAY	TWA		0.120	PPM	225	225	SINGLE		
			05/17/82	252	DAY	TWA		0.010	PPM	620	620	SINGLE		
			05/18/82	290	DAY	TWA		0.090	PPM	615	615	SINGLE		
			05/18/82	291	DAY	TWA		0.010	PPM	615	615	SINGLE		

VVC 000016220

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INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT

VINYL CHLORIDE MONOMER

PAGE NO. 26
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	INSTRUMENTMAN	05/19/82	315	DAY	TWA	0.010	PPM	615	615	SINGLE		
			05/19/82	316	DAY	TWA	0.010	PPM	615	615	SINGLE		
			05/20/82	366	DAY	TWA	0.010	PPM	630	630	SINGLE		
			05/25/82	408	DAY	TWA	0.030	PPM	610	610	SINGLE		
			06/23/82	434	DAY	TWA	0.020	PPM	495	495	SINGLE		
			06/23/82	436	DAY	TWA	0.090	PPM	485	485	SINGLE		
			08/10/82	502	DAY	TWA	0.020	PPM	480	480	SINGLE		
			09/13/82	548	DAY	TWA	0.120	PPM	410	410	SINGLE		
			09/13/82	549	DAY	TWA	0.010	PPM	500	500	SINGLE		
			10/05/82	573	DAY	TWA	0.010	PPM	480	480	SINGLE		
			10/20/82	602	DAY	TWA	0.010	PPM	450	450	SINGLE		
			10/20/82	603	DAY	TWA	0.020	PPM	485	485	SINGLE		
			11/09/82	625	DAY	TWA	0.020	PPM	465	465	SINGLE		
			12/05/82	665	DAY	TWA	0.040	PPM	185	185	SINGLE		
			12/05/82	670	DAY	TWA	0.030	PPM	180	180	SINGLE		
			12/14/82	705	DAY	TWA	0.170	PPM	480	480	SINGLE		
			12/15/82	707	DAY	TWA	0.180	PPM	475	475	SINGLE		

NORMAL	PERSONAL	MAINT LEAD MAN	02/03/82	044	DAY	TWA	0.020	PPM	480	480	SINGLE		
			02/04/82	048	DAY	TWA	0.020	PPM	480	480	SINGLE		
			02/10/82	057	DAY	TWA	0.050	PPM	480	480	SINGLE		
			03/05/82	085	DAY	TWA	0.010	PPM	480	480	SINGLE		
			03/10/82	099	DAY	TWA	0.020	PPM	480	480	SINGLE		
			03/12/82	100	DAY	TWA	0.450	PPM	495	495	SINGLE		
			03/15/82	107	DAY	TWA	0.080	PPM	440	440	SINGLE		
			05/05/82	161	DAY	TWA	0.020	PPM	480	480	SINGLE		
			05/15/82	193	DAY	TWA	0.130	PPM	225	225	SINGLE		
			05/15/82	200	DAY	TWA	1.850	PPM	360	360	SINGLE		
			05/16/82	208	DAY	TWA	0.070	PPM	405	405	SINGLE		
			05/16/82	222	DAY	TWA	0.130	PPM	420	420	SINGLE		
			05/16/82	234	DAY	TWA	0.560	PPM	395	395	SINGLE		
			05/17/82	242	DAY	TWA	0.010	PPM	565	565	SINGLE		
			05/17/82	268	NIGHT	TWA	0.010	PPM	570	570	SINGLE		
			06/14/82	413	DAY	TWA	0.690	PPM	505	505	SINGLE		
			06/15/82	420	DAY	TWA	0.030	PPM	490	490	SINGLE		
			06/23/82	433	DAY	TWA	0.030	PPM	495	495	SINGLE		
			06/25/82	443	DAY	TWA	0.020	PPM	455	455	SINGLE		
			08/04/82	490	DAY	TWA	0.020	PPM	465	465	SINGLE		
			08/05/82	493	DAY	TWA	0.010	PPM	420	420	SINGLE		
			08/10/82	501	DAY	TWA	0.030	PPM	480	480	SINGLE		

AIR-SPL FUL-FACE

VVC 000016221

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 27
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	MAINT LEAD MAN	09/14/82	550	DAY	TWA	<	0.010 PPM	495	495	SINGLE		
			09/15/82	554	DAY	TWA	<	0.010 PPM	450	450	SINGLE		
			09/29/82	567	DAY	TWA		0.040 PPM	450	450	SINGLE		
			11/03/82	615	DAY	TWA		0.020 PPM	480	480	SINGLE		
			11/04/82	618	DAY	TWA		0.030 PPM	480	480	SINGLE		
			11/11/82	629	DAY	TWA		0.020 PPM	480	480	SINGLE		
			12/05/82	666	DAY	TWA		0.210 PPM	240	240	SINGLE		
			12/05/82	689	DAY	TWA		0.050 PPM	370	370	SINGLE		
			12/09/82	701	DAY	TWA		0.040 PPM	540	540	SINGLE		
			12/17/82	715	DAY	TWA		0.010 PPM	495	495	SINGLE		
			12/17/82	716	DAY	TWA		0.040 PPM	495	495	SINGLE		

NORMAL	PERSONAL	MAINT SUPERVISOR	02/01/82	039	DAY	TWA		0.010 PPM	420	420	SINGLE		
			02/08/82	054	DAY	TWA		0.030 PPM	495	495	SINGLE		
			03/15/82	109	DAY	TWA		0.040 PPM	480	480	SINGLE		
			04/02/82	118	DAY	TWA		0.020 PPM	520	520	SINGLE		
			05/03/82	156	DAY	TWA		0.010 PPM	525	525	SINGLE		
			05/07/82	166	DAY	TWA		0.240 PPM	420	420	SINGLE		
			05/10/82	167	DAY	TWA		0.120 PPM	495	495	SINGLE		
			06/15/82	419	DAY	TWA		0.040 PPM	480	480	SINGLE		
			07/07/82	455	DAY	TWA	<	0.010 PPM	480	480	SINGLE		
			08/18/82	522	DAY	TWA		0.010 PPM	450	450	SINGLE		
			09/08/82	540	DAY	TWA		0.010 PPM	430	430	SINGLE		
			09/16/82	555	DAY	TWA	<	0.010 PPM	480	480	SINGLE		
			09/22/82	562	DAY	TWA		0.010 PPM	470	470	SINGLE		
			10/04/82	567	DAY	TWA		0.010 PPM	550	550	SINGLE		
			11/01/82	610	DAY	TWA		0.030 PPM	510	510	SINGLE		
			12/05/82	674	DAY	TWA		0.120 PPM	420	420	SINGLE		

NORMAL	PERSONAL	MECH GENERAL	03/02/82	079	DAY	TWA		0.040 PPM	460	460	SINGLE		
			06/15/82	412	DAY	TWA		0.040 PPM	480	480	SINGLE		
			06/29/82	449	DAY	TWA	<	0.010 PPM	455	455	SINGLE		
			09/03/82	535	DAY	TWA		0.010 PPM	490	490	SINGLE		

NORMAL	PERSONAL	MECH HELPER	05/17/82	240	DAY	TWA		0.020 PPM	540	540	SINGLE		
			05/17/82	243	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/17/82	244	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/17/82	245	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/17/82	254	DAY	TWA		0.010 PPM	615	615	SINGLE		
			05/17/82	255	DAY	TWA		0.010 PPM	615	615	SINGLE		

VVC 000016222

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INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 28
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG

PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	MECH HELPER	05/17/82	260	NIGHT	TWA	<	0.010 PPM	495	495	SINGLE		
			05/17/82	261	NIGHT	TWA	<	0.010 PPM	495	495	SINGLE		
			05/17/82	264	NIGHT	TWA	<	0.010 PPM	490	490	SINGLE		
			05/17/82	265	NIGHT	TWA	<	0.010 PPM	490	490	SINGLE		
			05/17/82	273	NIGHT	TWA	<	0.010 PPM	570	570	SINGLE		
			05/18/82	277	DAY	TWA	<	0.010 PPM	615	615	SINGLE		
			05/18/82	278	DAY	TWA		0.020 PPM	615	615	SINGLE		
			05/18/82	281	DAY	TWA		0.020 PPM	610	610	SINGLE		
			05/18/82	286	DAY	TWA		0.010 PPM	575	575	SINGLE		
			05/18/82	289	DAY	TWA		0.010 PPM	610	610	SINGLE		
			05/18/82	292	DAY	TWA		0.010 PPM	610	610	SINGLE		
			05/18/82	294	DAY	TWA	<	0.010 PPM	575	575	SINGLE		
			05/18/82	302	NIGHT	TWA	<	0.010 PPM	565	565	SINGLE		
			05/18/82	303	NIGHT	TWA	<	0.010 PPM	545	545	SINGLE		
			05/18/82	304	NIGHT	TWA	<	0.010 PPM	555	555	SINGLE		
			05/18/82	305	NIGHT	TWA	<	0.010 PPM	555	555	SINGLE		
			05/18/82	306	NIGHT	TWA	<	0.010 PPM	545	545	SINGLE		
			05/18/82	307	NIGHT	TWA	<	0.010 PPM	545	545	SINGLE		
			05/18/82	308	NIGHT	TWA	<	0.010 PPM	545	545	SINGLE		
			05/18/82	309	NIGHT	TWA	<	0.010 PPM	555	555	SINGLE		
			05/19/82	272	NIGHT	TWA	<	0.010 PPM	570	570	SINGLE		
			05/19/82	313	DAY	TWA	<	0.010 PPM	625	625	SINGLE		
			05/19/82	314	DAY	TWA	<	0.010 PPM	630	630	SINGLE		
			05/19/82	317	DAY	TWA		0.020 PPM	610	610	SINGLE		
			05/19/82	322	DAY	TWA	<	0.010 PPM	590	590	SINGLE		
			05/19/82	323	DAY	TWA	<	0.010 PPM	585	585	SINGLE		
			05/19/82	324	DAY	TWA		0.010 PPM	580	580	SINGLE		
			05/19/82	325	DAY	TWA	<	0.010 PPM	580	580	SINGLE		
			05/19/82	326	DAY	TWA	<	0.010 PPM	570	570	SINGLE		
			05/19/82	330	DAY	TWA	<	0.010 PPM	570	570	SINGLE		
			05/19/82	331	DAY	TWA	<	0.010 PPM	570	570	SINGLE		
			05/19/82	332	DAY	TWA	<	0.010 PPM	570	570	SINGLE		
			05/19/82	334	NIGHT	TWA		0.120 PPM	510	510	SINGLE		
			05/19/82	335	NIGHT	TWA	<	0.010 PPM	520	520	SINGLE		
			05/19/82	336	NIGHT	TWA	<	0.010 PPM	520	520	SINGLE		
			05/19/82	337	NIGHT	TWA	<	0.010 PPM	520	520	SINGLE		
			05/19/82	338	NIGHT	TWA	<	0.010 PPM	520	520	SINGLE		
			05/19/82	339	NIGHT	TWA	<	0.010 PPM	520	520	SINGLE		
			05/19/82	340	NIGHT	TWA	<	0.010 PPM	510	510	SINGLE		
			05/19/82	341	NIGHT	TWA	<	0.010 PPM	600	600	SINGLE		

VVC 000016223

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 29
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	MECH HELPER	05/19/82	342	NIGHT	TWA	<	0.010 PPM	610	610	SINGLE		
			05/19/82	343	NIGHT	TWA	<	0.010 PPM	610	610	SINGLE		
			05/19/82	345	NIGHT	TWA	<	0.010 PPM	540	540	SINGLE		
			05/20/82	349	DAY	TWA	<	0.010 PPM	620	620	SINGLE		
			05/20/82	350	DAY	TWA	<	0.010 PPM	610	610	SINGLE		
			05/20/82	351	DAY	TWA		0.010 PPM	570	570	SINGLE		
			05/20/82	352	DAY	TWA	<	0.010 PPM	610	610	SINGLE		
			05/20/82	353	DAY	TWA		0.030 PPM	615	615	SINGLE		
			05/20/82	354	DAY	TWA	<	0.010 PPM	620	620	SINGLE		
			05/20/82	355	DAY	TWA		0.040 PPM	610	610	SINGLE		
			05/20/82	356	DAY	TWA	<	0.010 PPM	615	615	SINGLE		
			05/20/82	357	DAY	TWA	<	0.010 PPM	620	620	SINGLE		
			05/20/82	358	DAY	TWA	<	0.010 PPM	620	620	SINGLE		
			05/20/82	359	DAY	TWA		0.010 PPM	535	535	SINGLE		
			05/20/82	361	DAY	TWA	<	0.010 PPM	625	625	SINGLE		
			05/20/82	362	DAY	TWA	<	0.010 PPM	625	625	SINGLE		
			05/20/82	363	DAY	TWA		0.010 PPM	570	570	SINGLE		
			05/20/82	365	DAY	TWA		0.010 PPM	610	610	SINGLE		
			05/20/82	368	NIGHT	TWA		0.080 PPM	590	590	SINGLE		
			05/20/82	370	NIGHT	TWA	<	0.010 PPM	570	570	SINGLE		
			05/20/82	371	NIGHT	TWA	<	0.010 PPM	570	570	SINGLE		
			05/20/82	372	NIGHT	TWA		0.080 PPM	570	570	SINGLE		
			05/20/82	373	NIGHT	TWA		0.070 PPM	570	570	SINGLE		
			05/20/82	374	NIGHT	TWA	<	0.010 PPM	570	570	SINGLE		
			05/20/82	375	NIGHT	TWA	<	0.010 PPM	570	570	SINGLE		
			05/20/82	377	NIGHT	TWA		0.310 PPM	580	580	SINGLE		
			05/20/82	378	NIGHT	TWA		0.050 PPM	480	480	SINGLE		
			05/20/82	379	NIGHT	TWA	<	0.010 PPM	480	480	SINGLE		
			05/20/82	380	NIGHT	TWA		0.120 PPM	480	480	SINGLE		
			05/20/82	381	NIGHT	TWA		0.070 PPM	480	480	SINGLE		
			05/20/82	382	NIGHT	TWA		0.060 PPM	480	480	SINGLE		
			05/20/82	383	NIGHT	TWA		0.080 PPM	480	480	SINGLE		
			05/20/82	387	NIGHT	TWA	<	0.010 PPM	485	485	SINGLE		
			05/21/82	388	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/21/82	389	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/21/82	390	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/21/82	391	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/21/82	392	DAY	TWA		0.010 PPM	585	585	SINGLE		
			05/21/82	393	DAY	TWA		0.090 PPM	585	585	SINGLE		
			05/21/82	394	DAY	TWA		0.010 PPM	585	585	SINGLE		

VVC 000016224

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 30
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	MECH HELPER	05/21/82	398	DAY	TWA	0.040	PPM	620	620	SINGLE		
			05/21/82	399	DAY	TWA	0.030	PPM	620	620	SINGLE		
			05/21/82	400	DAY	TWA	0.010	PPM	510	510	SINGLE		
			05/21/82	401	DAY	TWA	< 0.010	PPM	705	705	SINGLE		
			05/21/82	402	DAY	TWA	0.010	PPM	600	600	SINGLE		
			05/21/82	403	DAY	TWA	0.010	PPM	630	630	SINGLE		
			05/21/82	404	NIGHT	TWA	< 0.010	PPM	555	555	SINGLE		
			05/21/82	405	NIGHT	TWA	0.010	PPM	540	540	SINGLE		
			05/21/82	406	NIGHT	TWA	0.010	PPM	540	540	SINGLE		
			05/21/82	407	DAY	TWA	0.010	PPM	510	510	SINGLE		

NORMAL	PERSONAL	MILLRIGHT/PUMP MECH	01/08/82	010	DAY	TWA	0.740	PPM	455	455	SINGLE		
			02/09/82	056	DAY	TWA	0.040	PPM	490	490	SINGLE		
			03/05/82	087	DAY	TWA	0.020	PPM	480	480	SINGLE		
			03/09/82	094	DAY	TWA	0.020	PPM	480	480	SINGLE		
			03/09/82	096	DAY	TWA	0.220	PPM	480	480	SINGLE		
			04/08/82	130	DAY	TWA	0.020	PPM	510	510	SINGLE		
			05/12/82	174	DAY	TWA	0.090	PPM	510	510	SINGLE		
			05/15/82	201	DAY	TWA	0.180	PPM	345	345	SINGLE		
			05/15/82	202	DAY	TWA	1.510	PPM	345	345	SINGLE		
			05/15/82	203	DAY	TWA	1.800	PPM	360	360	SINGLE		
			05/15/82	204	DAY	TWA	2.540	PPM	345	345	SINGLE		
			05/15/82	205	DAY	TWA	0.080	PPM	360	360	SINGLE		
			05/16/82	228	DAY	TWA	0.070	PPM	395	395	SINGLE	AIR-SPL	FUL-FACE
			05/16/82	229	DAY	TWA	0.120	PPM	395	395	SINGLE	AIR-SPL	FUL-FACE
			05/16/82	230	DAY	TWA	0.050	PPM	395	395	SINGLE	AIR-SPL	FUL-FACE
			05/16/82	231	DAY	TWA	0.080	PPM	395	395	SINGLE	AIR-SPL	FUL-FACE
			05/16/82	232	DAY	TWA	0.110	PPM	395	395	SINGLE	AIR-SPL	FUL-FACE
			05/17/82	248	DAY	TWA	0.010	PPM	590	590	SINGLE		
			05/18/82	279	DAY	TWA	< 0.010	PPM	615	615	SINGLE		
			05/18/82	280	DAY	TWA	0.010	PPM	610	610	SINGLE		
			05/18/82	284	DAY	TWA	< 0.010	PPM	595	595	SINGLE		
			05/20/82	384	NIGHT	TWA	0.050	PPM	470	470	SINGLE		
			06/15/82	418	DAY	TWA	0.030	PPM	510	510	SINGLE		
			06/21/82	426	DAY	TWA	0.030	PPM	480	480	SINGLE		
			06/21/82	428	DAY	TWA	0.030	PPM	485	485	SINGLE		
			06/23/82	435	DAY	TWA	0.030	PPM	480	480	SINGLE		
			06/29/82	447	DAY	TWA	< 0.010	PPM	450	450	SINGLE		
			08/11/82	508	DAY	TWA	0.010	PPM	450	450	SINGLE		
			08/12/82	514	DAY	TWA	0.010	PPM	420	420	SINGLE		

VVC 000016225

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT

VINYL CHLORIDE MONOMER

PAGE NO. 31
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	MILLRIGHT/PUMP MECH	09/01/82	531	DAY	TWA	0.040	PPM	480	480	SINGLE		
			09/09/82	543	DAY	TWA	0.010	PPM	500	500	SINGLE		
			09/14/82	551	DAY	TWA	0.020	PPM	300	300	SINGLE		
			10/19/82	601	DAY	TWA	0.030	PPM	420	420	SINGLE		
			11/11/82	628	DAY	TWA	0.020	PPM	450	450	SINGLE		
			12/02/82	649	DAY	TWA	0.030	PPM	480	480	SINGLE		
			12/03/82	652	DAY	TWA	0.030	PPM	180	180	SINGLE		
			12/05/82	663	DAY	TWA	0.170	PPM	240	240	SINGLE		
			12/05/82	667	DAY	TWA	0.060	PPM	240	240	SINGLE	AIR-SPL	FUL-FACE
			12/05/82	668	DAY	TWA	0.060	PPM	240	240	SINGLE	AIR-SPL	FUL-FACE
			12/05/82	669	DAY	TWA	0.170	PPM	240	240	SINGLE		

NORMAL	PERSONAL	PIPE FITTER	01/12/82	015	DAY	TWA	<	0.010	PPM	380	380	SINGLE		
			01/25/82	034	DAY	TWA		0.030	PPM	490	490	SINGLE		
			02/11/82	061	DAY	TWA		0.090	PPM	440	440	SINGLE		
			02/12/82	064	DAY	TWA		0.020	PPM	465	465	SINGLE		
			02/12/82	065	DAY	TWA		0.030	PPM	415	415	SINGLE		
			04/08/82	131	DAY	TWA		0.020	PPM	525	525	SINGLE		
			04/13/82	135	DAY	TWA		0.030	PPM	480	480	SINGLE	AIR-SPL	FUL-FACE
			05/12/82	173	DAY	TWA		0.020	PPM	495	495	SINGLE		
			05/12/82	175	DAY	TWA	<	0.010	PPM	540	540	SINGLE		
			05/15/82	197	DAY	TWA		0.940	PPM	345	345	SINGLE		
			05/15/82	198	DAY	TWA		6.170	PPM	345	345	SINGLE		
			05/16/82	210	DAY	TWA		0.010	PPM	405	405	SINGLE		
			05/16/82	227	DAY	TWA		0.610	PPM	315	315	SINGLE	AIR-SPL	FUL-FACE
			05/16/82	238	DAY	TWA		3.050	PPM	405	405	SINGLE		
			05/16/82	239	DAY	TWA		0.860	PPM	405	405	SINGLE		
			05/17/82	246	DAY	TWA		0.010	PPM	585	585	SINGLE		
			05/17/82	247	DAY	TWA		0.020	PPM	585	585	SINGLE		
			05/17/82	249	DAY	TWA		0.010	PPM	600	600	SINGLE		
			05/17/82	250	DAY	TWA		0.020	PPM	600	600	SINGLE		
			05/18/82	275	DAY	TWA	<	0.010	PPM	615	615	SINGLE		
			05/18/82	286	DAY	TWA	<	0.010	PPM	600	600	SINGLE		
			05/18/82	293	DAY	TWA	<	0.010	PPM	610	610	SINGLE		
			05/18/82	300	NIGHT	TWA		0.020	PPM	475	475	SINGLE		
			05/18/82	301	NIGHT	TWA		0.010	PPM	460	460	SINGLE		
			05/18/82	310	NIGHT	TWA	<	0.010	PPM	525	525	SINGLE		
			05/19/82	333	NIGHT	TWA	<	0.010	PPM	480	480	SINGLE	AIR-SPL	FUL-FACE
			05/19/82	344	NIGHT	TWA	<	0.010	PPM	605	605	SINGLE		
			05/20/82	364	DAY	TWA		0.010	PPM	605	605	SINGLE		

VVC 000016226

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT

VINYL CHLORIDE MONOMER

PAGE NO. 32
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	PIPE FITTER	05/20/82	369	NIGHT	TWA	0.220	PPM	580	580	SINGLE		
			05/20/82	376	NIGHT	TWA	0.070	PPM	580	580	SINGLE		
			06/25/82	441	DAY	TWA	<	0.010	PPM	480	480	SINGLE	
			08/11/82	509	DAY	TWA		0.010	PPM	475	475	SINGLE	
			10/07/82	580	DAY	TWA		0.010	PPM	470	470	SINGLE	
			10/15/82	597	DAY	TWA		0.620	PPM	485	485	SINGLE	
			10/20/82	604	DAY	TWA		0.010	PPM	480	480	SINGLE	
			11/15/82	632	DAY	TWA		0.010	PPM	505	505	SINGLE	
			11/15/82	633	DAY	TWA		0.010	PPM	502	502	SINGLE	
			12/05/82	684	DAY	TWA		0.230	PPM	370	370	SINGLE	
			12/05/82	691	DAY	TWA		2.570	PPM	345	345	SINGLE	AIR-SPL FUL-FACE

NORMAL	PERSONAL	WELDER	01/20/82	030	DAY	TWA		0.030	PPM	455	455	SINGLE	
			01/21/82	032	DAY	TWA		0.100	PPM	468	468	SINGLE	
			02/16/82	069	DAY	TWA		0.190	PPM	490	490	SINGLE	
			02/18/82	072	DAY	TWA		0.010	PPM	490	490	SINGLE	
			04/13/82	133	DAY	TWA		0.020	PPM	480	480	SINGLE	
			04/16/82	144	DAY	TWA		0.020	PPM	415	415	SINGLE	
			05/15/82	195	DAY	TWA		0.490	PPM	345	345	SINGLE	
			05/15/82	196	DAY	TWA		1.230	PPM	345	345	SINGLE	
			05/15/82	199	DAY	TWA		4.330	PPM	345	345	SINGLE	
			05/16/82	211	DAY	TWA		0.010	PPM	405	405	SINGLE	
			05/16/82	233	NIGHT	TWA		0.210	PPM	390	390	SINGLE	
			05/16/82	235	DAY	TWA		0.270	PPM	405	405	SINGLE	AIR-SPL FUL-FACE
			05/16/82	237	DAY	TWA		1.060	PPM	405	405	SINGLE	
			05/17/82	267	NIGHT	TWA		0.010	PPM	570	570	SINGLE	
			05/17/82	269	NIGHT	TWA	<	0.010	PPM	565	565	SINGLE	
			05/17/82	271	NIGHT	TWA	<	0.010	PPM	590	590	SINGLE	
			05/18/82	296	NIGHT	TWA	<	0.010	PPM	625	625	SINGLE	
			05/19/82	283	DAY	TWA		0.010	PPM	595	595	SINGLE	
			05/19/82	312	DAY	TWA		0.010	PPM	615	615	SINGLE	
			05/19/82	318	DAY	TWA		0.200	PPM	600	600	SINGLE	
			05/19/82	320	DAY	TWA		0.010	PPM	600	600	SINGLE	
			06/21/82	427	DAY	TWA		0.020	PPM	480	480	SINGLE	
			07/20/82	477	DAY	TWA		0.130	PPM	480	480	SINGLE	
			08/17/82	517	DAY	TWA	<	0.010	PPM	420	420	SINGLE	
			08/24/82	528	DAY	TWA	<	0.010	PPM	480	480	SINGLE	
			10/05/82	572	DAY	TWA		0.020	PPM	470	470	SINGLE	
			11/01/82	609	DAY	TWA		0.020	PPM	500	500	SINGLE	
			11/16/82	637	DAY	TWA		0.040	PPM	480	480	SINGLE	

VVC 000016227

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 33
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: PLANT-WIDE, MAINTENANCE

NORMAL	PERSONAL	WELDER	12/05/82	677	DAY	TWA	0.060	PPM	375	375	SINGLE		
			12/05/82	680	DAY	TWA	0.530	PPM	365	365	SINGLE		
			12/05/82	682	DAY	TWA	2.400	PPM	370	370	SINGLE		
			12/05/82	685	DAY	TWA	1.210	PPM	370	370	SINGLE		

PROCESS: VCM PRODUCTION UNIT

NORMAL	PERSONAL	IN, BOARDMAN/OPER	02/01/82	040	EVENG	TWA	0.010	PPM	450	450	SINGLE		
			02/03/82	043	NIGHT	TWA	0.010	PPM	465	465	SINGLE		
			02/04/82	047	DAY	TWA	0.010	PPM	405	405	SINGLE		
			02/04/82	049	EVENG	TWA	0.010	PPM	430	430	SINGLE		
			02/11/82	063	EVENG	TWA	0.020	PPM	450	450	SINGLE		
			02/15/82	067	DAY	TWA	0.020	PPM	500	500	SINGLE		
			03/03/82	081	EVENG	TWA	0.010	PPM	450	450	SINGLE		
			03/12/82	102	NIGHT	TWA	0.030	PPM	400	400	SINGLE		
			03/17/82	112	EVENG	TWA	0.030	PPM	450	450	SINGLE		
			05/05/82	163	EVENG	TWA	0.010	PPM	435	435	SINGLE		
			05/06/82	164	EVENG	TWA	0.050	PPM	425	425	SINGLE		
			05/14/82	177	NIGHT	TWA	0.030	PPM	450	450	SINGLE		
			06/23/82	437	DAY	TWA	0.020	PPM	435	435	SINGLE		
			06/28/82	446	NIGHT	TWA	0.010	PPM	440	440	SINGLE		
			08/02/82	486	EVENG	TWA	0.010	PPM	480	480	SINGLE		
			08/04/82	489	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			08/05/82	492	DAY	TWA	0.060	PPM	360	360	SINGLE		
			08/12/82	510	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/09/82	542	DAY	TWA	0.040	PPM	450	450	SINGLE		
			09/17/82	556	EVENG	TWA	0.020	PPM	420	420	SINGLE		
			09/23/82	563	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/23/82	993	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/23/82	994	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/23/82	995	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/23/82	996	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/23/82	997	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/23/82	998	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			09/23/82	999	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			11/03/82	616	EVENG	TWA	0.010	PPM	480	480	SINGLE		
			11/10/82	627	NIGHT	TWA	0.010	PPM	435	435	SINGLE		
			12/03/82	651	DAY	TWA	0.050	PPM	420	420	SINGLE		
			12/06/82	695	DAY	TWA	0.020	PPM	420	420	SINGLE		
			12/17/82	713	DAY	TWA	0.020	PPM	480	480	SINGLE		

VVC 000016228

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 34
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: VCM PRODUCTION UNIT

NORMAL	PERSONAL	OPER SHIFT SUPERVSR	01/06/82	007	NIGHT	TWA	0.030	PPM	450	450	SINGLE		
			02/11/82	060	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			03/05/82	084	NIGHT	TWA	0.180	PPM	135	135	SINGLE		
			03/11/82	105	NIGHT	TWA	12.420	PPM	120	120	SINGLE	AIR-SPL	FUL-FACE
			03/16/82	110	NIGHT	TWA	0.020	PPM	480	480	SINGLE		
			04/08/82	128	EVENG	TWA	0.260	PPM	370	370	SINGLE		
			05/05/82	159	NIGHT	TWA	0.020	PPM	420	420	SINGLE		
			06/25/82	440	DAY	TWA	0.010	PPM	430	430	SINGLE		
			07/21/82	481	NIGHT	TWA	0.010	PPM	420	420	SINGLE		
			08/07/82	496	EVENG	TWA	0.020	PPM	450	450	SINGLE		
			08/09/82	503	EVENG	TWA	2.820	PPM	60	60	SINGLE	AIR-SPL	FUL-FACE
			08/09/82	507	EVENG	TWA	0.770	PPM	120	120	SINGLE		
			08/10/82	500	EVENG	TWA	0.080	PPM	420	420	SINGLE		
			08/10/82	506	NIGHT	TWA	0.820	PPM	405	405	SINGLE		
			09/07/82	538	EVENG	TWA	0.020	PPM	350	350	SINGLE		
			09/21/82	560	DAY	TWA	0.020	PPM	500	500	SINGLE		
			10/08/82	586	DAY	TWA	1.850	PPM	65	65	SINGLE		
			10/14/82	592	NIGHT	TWA	0.010	PPM	450	450	SINGLE		
			10/15/82	595	DAY	TWA	0.060	PPM	435	435	SINGLE		
			10/22/82	606	EVENG	TWA	0.870	PPM	435	435	SINGLE		
			11/08/82	621	EVENG	TWA	0.060	PPM	120	120	SINGLE	AIR-SPL	FUL-FACE
			11/09/82	624	EVENG	TWA	0.060	PPM	135	135	SINGLE	AIR-SPL	FUL-FACE
			12/10/82	702	DAY	TWA	0.020	PPM	450	450	SINGLE		

NORMAL	PERSONAL	OUT, APPRENTICE OPER	01/05/82	003	NIGHT	TWA	0.670	PPM	460	460	SINGLE		
			01/07/82	009	NIGHT	TWA	0.020	PPM	460	460	SINGLE		
			01/13/82	018	NIGHT	TWA	2.120	PPM	480	480	SINGLE	AIR-SPL	FUL-FACE
			01/19/82	026	NIGHT	TWA	0.120	PPM	420	420	SINGLE		
			01/20/82	028	NIGHT	TWA	0.890	PPM	390	390	SINGLE	AIR-SPL	FUL-FACE
			01/26/82	036	NIGHT	TWA	4.200	PPM	455	455	SINGLE	AIR-SPL	FUL-FACE
			02/01/82	038	NIGHT	TWA	0.040	PPM	450	450	SINGLE	AIR-SPL	FUL-FACE
			02/02/82	041	NIGHT	TWA	0.090	PPM	450	450	SINGLE		
			02/10/82	058	NIGHT	TWA	0.030	PPM	490	490	SINGLE	AIR-SPL	FUL-FACE
			02/15/82	066	NIGHT	TWA	0.160	PPM	435	435	SINGLE		
			03/08/82	088	NIGHT	TWA	0.040	PPM	450	450	SINGLE		
			03/09/82	093	NIGHT	TWA	0.030	PPM	460	460	SINGLE		
			03/15/82	104	NIGHT	TWA	1.400	PPM	450	450	SINGLE	AIR-SPL	FUL-FACE
			03/16/82	111	NIGHT	TWA	0.010	PPM	390	390	SINGLE	AIR-SPL	FUL-FACE
			03/26/82	115	NIGHT	TWA	0.010	PPM	495	495	SINGLE		
			04/01/82	117	NIGHT	TWA	0.010	PPM	480	480	SINGLE		

VVC 000016229

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 35
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: VCM PRODUCTION UNIT

NORMAL	PERSONAL	OUT, APPRENTICE OPER	04/06/82	124	NIGHT	TWA	0.020	PPM	480	480	SINGLE		
			04/08/82	127	NIGHT	TWA	0.060	PPM	330	330	SINGLE		
			04/14/82	138	NIGHT	TWA	0.280	PPM	420	420	SINGLE	AIR-SPL	FUL-FACE
			04/16/82	139	NIGHT	TWA	0.080	PPM	420	420	SINGLE		
			04/21/82	151	NIGHT	TWA	0.460	PPM	430	430	SINGLE	AIR-SPL	FUL-FACE
			04/26/82	154	EVENG	TWA	0.040	PPM	460	460	SINGLE	AIR-SPL	FUL-FACE
			05/03/82	155	NIGHT	TWA	0.080	PPM	450	450	SINGLE	AIR-SPL	FUL-FACE
			05/03/82	158	NIGHT	TWA	0.060	PPM	420	420	SINGLE		
			05/11/82	170	NIGHT	TWA	0.010	PPM	420	420	SINGLE		
			05/18/82	274	NIGHT	TWA	0.160	PPM	460	460	SINGLE	AIR-SPL	FUL-FACE
			06/11/82	411	DAY	TWA	0.170	PPM	490	490	SINGLE		
			06/15/82	416	NIGHT	TWA	0.260	PPM	480	480	SINGLE		
			06/21/82	429	DAY	TWA	0.040	PPM	420	420	SINGLE		
			06/21/82	431	DAY	TWA	0.340	PPM	360	360	SINGLE		
			06/22/82	432	NIGHT	TWA	0.020	PPM	420	420	SINGLE	AIR-SPL	FUL-FACE
			07/01/82	450	NIGHT	TWA	0.010	PPM	440	440	SINGLE		
			07/02/82	453	NIGHT	TWA	0.440	PPM	485	485	SINGLE	AIR-SPL	FUL-FACE
			07/07/82	454	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			07/08/82	457	NIGHT	TWA	0.250	PPM	615	615	SINGLE		
			07/23/82	485	EVENG	TWA	0.130	PPM	390	390	SINGLE		
			08/02/82	487	NIGHT	TWA	0.020	PPM	460	460	SINGLE		
			08/09/82	498	EVENG	TWA	0.470	PPM	480	480	SINGLE		
			08/10/82	504	NIGHT	TWA	1.140	PPM	410	410	SINGLE	AIR-SPL	FUL-FACE
			08/12/82	511	NIGHT	TWA	0.040	PPM	420	420	SINGLE		
			08/17/82	516	NIGHT	TWA	0.060	PPM	420	420	SINGLE	AIR-SPL	FUL-FACE
			08/23/82	526	EVENG	TWA	0.030	PPM	380	380	SINGLE		
			09/01/82	530	NIGHT	TWA	0.150	PPM	400	400	SINGLE		
			09/02/82	533	NIGHT	TWA	0.010	PPM	420	420	SINGLE	AIR-SPL	FUL-FACE
			09/10/82	544	DAY	TWA	0.020	PPM	390	390	SINGLE	AIR-SPL	FUL-FACE
			09/14/82	552	NIGHT	TWA	0.420	PPM	420	420	SINGLE		
			09/23/82	564	EVENG	TWA	0.010	PPM	430	430	SINGLE	AIR-SPL	FUL-FACE
			09/24/82	565	DAY	TWA	0.270	PPM	450	450	SINGLE	AIR-SPL	FUL-FACE
			09/28/82	566	DAY	TWA	0.010	PPM	420	420	SINGLE	AIR-SPL	FUL-FACE
			10/01/82	568	NIGHT	TWA	0.010	PPM	420	420	SINGLE		
			10/07/82	579	NIGHT	TWA	0.040	PPM	430	430	SINGLE		
			10/12/82	590	NIGHT	TWA	0.010	PPM	450	450	SINGLE		
			10/13/82	591	DAY	TWA	0.020	PPM	430	430	SINGLE	AIR-SPL	FUL-FACE
			10/19/82	599	DAY	TWA	0.220	PPM	420	420	SINGLE		
			10/20/82	605	NIGHT	TWA	0.160	PPM	420	420	SINGLE	AIR-SPL	FUL-FACE
			10/22/82	608	EVENG	TWA	0.060	PPM	480	480	SINGLE		

VVC 000016230

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 36
DATE 03/14/84
TIME 07.59.44

SITE: CHM LAKE CHAS VCM

SUB-SITE:

AREA/SECT:

PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: VCM PRODUCTION UNIT

NORMAL	PERSONAL	OUT, APPRENTICE OPER	11/02/82	611	NIGHT	TWA	0.030	PPM	440	440	SINGLE	AIR-SPL FUL-FACE	
			11/10/82	626	NIGHT	TWA	< 0.010	PPM	435	435	SINGLE		
			11/11/82	631	EVENG	TWA	1.440	PPM	480	480	SINGLE	AIR-SPL FUL-FACE	
			11/16/82	635	NIGHT	TWA	0.690	PPM	420	420	SINGLE		
			11/17/82	639	NIGHT	TWA	< 0.010	PPM	420	420	SINGLE		
			11/22/82	644	NIGHT	TWA	0.020	PPM	480	480	SINGLE		
			12/02/82	648	NIGHT	TWA	0.990	PPM	420	420	SINGLE		
			12/07/82	697	DAY	TWA	0.120	PPM	435	435	SINGLE	AIR-SPL FUL-FACE	
			12/15/82	708	EVENG	TWA	0.680	PPM	360	360	SINGLE		
			12/16/82	710	NIGHT	TWA	0.930	PPM	405	405	SINGLE	AIR-SPL FUL-FACE	
			12/17/82	712	EVENG	TWA	0.020	PPM	390	390	SINGLE		
			12/22/82	720	EVENG	TWA	0.060	PPM	420	420	SINGLE		

NORMAL	PERSONAL	OUT, TOP OPER	01/04/82	001	DAY	TWA	0.020	PPM	410	410	SINGLE		
			01/12/82	016	EVENG	TWA	0.010	PPM	420	420	SINGLE		
			02/11/82	062	EVENG	TWA	1.490	PPM	450	450	SINGLE		
			03/01/82	076	EVENG	TWA	0.030	PPM	470	470	SINGLE		
			04/20/82	149	NIGHT	TWA	0.030	PPM	475	475	SINGLE		
			04/21/82	152	DAY	TWA	0.040	PPM	420	420	SINGLE		
			05/07/82	165	DAY	TWA	0.030	PPM	460	460	SINGLE		
			05/14/82	182	NIGHT	TWA	2.310	PPM	480	480	SINGLE		
			05/15/82	184	NIGHT	TWA	0.050	PPM	450	450	SINGLE		
			05/15/82	207	DAY	TWA	0.110	PPM	570	570	SINGLE		
			05/15/82	224	NIGHT	TWA	0.080	PPM	480	480	SINGLE		
			05/16/82	209	DAY	TWA	0.010	PPM	445	445	SINGLE		
			05/16/82	217	DAY	TWA	0.060	PPM	480	480	SINGLE		
			05/16/82	219	NIGHT	TWA	0.090	PPM	465	465	SINGLE		
			06/25/82	438	DAY	TWA	< 0.010	PPM	390	390	SINGLE		
			06/28/82	445	NIGHT	TWA	0.010	PPM	440	440	SINGLE		
			07/21/82	480	NIGHT	TWA	0.140	PPM	445	445	SINGLE		
			08/11/82	499	NIGHT	TWA	0.130	PPM	505	505	SINGLE		
			09/21/82	561	DAY	TWA	0.020	PPM	455	455	SINGLE		
			11/03/82	614	NIGHT	TWA	0.010	PPM	480	480	SINGLE		
			12/04/82	656	DAY	TWA	0.070	PPM	420	420	SINGLE		
			12/04/82	658	EVENG	TWA	0.050	PPM	465	465	SINGLE		
			12/05/82	660	NIGHT	TWA	0.370	PPM	450	450	SINGLE		
			12/05/82	671	DAY	TWA	0.090	PPM	525	525	SINGLE		
			12/05/82	686	EVENG	TWA	0.050	PPM	450	450	SINGLE		

NORMAL	PERSONAL	OUT, UTILITY	01/12/82	017	EVENG	TWA	0.010	PPM	420	420	SINGLE		
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VVC 000016231

REPORT NO. 25-7390
SOURCE NR739
JOB NO. RUNKBN82

INDUSTRIAL HYGIENE
CHEMICAL MONITORING BY CONTAMINANT
VINYL CHLORIDE MONOMER

PAGE NO. 37
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SITE: CHM LAKE CHAS VCM

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PLANT OPER	SAMPLE TYPE	TASK	SAMPLE DATE	ID	SHIFT	MON STD	RESULT	UNITS	SMPL TIME	TWA TIME	SAMPLE METHOD	RESPIRATOR	FLAG
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PROCESS: VCM PRODUCTION UNIT

NORMAL	PERSONAL	OUT, UTILITY	04/20/82	150	EVENG	TWA	0.020	PPM	480	480	SINGLE		
			07/20/82	479	EVENG	TWA	0.010	PPM	450	450	SINGLE		
			10/05/82	576	DAY	TWA	0.020	PPM	420	420	SINGLE		
NORMAL	PERSONAL	OUT, 2ND OPR/CNTRLMN	01/18/82	024	EVENG	TWA	0.030	PPM	420	420	SINGLE		
			01/18/82	025	NIGHT	TWA	0.010	PPM	420	420	SINGLE		
			02/03/82	045	EVENG	TWA	0.140	PPM	410	410	SINGLE		
			02/11/82	059	NIGHT	TWA	0.040	PPM	450	450	SINGLE		
			03/04/82	083	EVENG	TWA	0.020	PPM	480	480	SINGLE		
			03/08/82	089	DAY	TWA	0.030	PPM	420	420	SINGLE		
			03/08/82	092	EVENG	TWA	0.050	PPM	475	475	SINGLE		
			03/12/82	103	NIGHT	TWA	0.020	PPM	400	400	SINGLE		
			04/08/82	129	EVENG	TWA	0.050	PPM	360	360	SINGLE		
			05/03/82	157	EVENG	TWA	0.070	PPM	470	470	SINGLE		
			05/13/82	176	DAY	TWA	0.010	PPM	505	505	SINGLE		
			05/14/82	180	EVENG	TWA	0.010	PPM	465	465	SINGLE		
			05/14/82	181	EVENG	TWA	0.010	PPM	455	455	SINGLE		
			05/14/82	183	NIGHT	TWA	0.700	PPM	480	480	SINGLE		
			05/15/82	185	NIGHT	TWA	0.060	PPM	480	480	SINGLE		
			05/15/82	186	DAY	TWA	3.640	PPM	540	540	SINGLE		
			05/15/82	187	DAY	TWA	1.100	PPM	540	540	SINGLE		
			05/15/82	206	DAY	TWA	0.080	PPM	480	480	SINGLE		
			05/15/82	218	EVENG	TWA	0.090	PPM	485	485	SINGLE		
			05/15/82	221	EVENG	TWA	4.360	PPM	470	470	SINGLE		
			05/16/82	216	DAY	TWA	0.080	PPM	480	480	SINGLE		
			05/16/82	220	NIGHT	TWA	0.810	PPM	465	465	SINGLE		
			05/16/82	225	EVENG	TWA	0.190	PPM	460	460	SINGLE		
			05/16/82	226	EVENG	TWA	0.130	PPM	480	480	SINGLE		
			05/16/82	236	DAY	TWA	0.250	PPM	480	480	SINGLE		
			06/11/82	410	DAY	TWA	0.080	PPM	660	660	SINGLE		
			06/14/82	415	EVENG	TWA	0.080	PPM	390	390	SINGLE		
			06/16/82	421	NIGHT	TWA	0.090	PPM	435	435	SINGLE		
			06/29/82	448	DAY	TWA	0.010	PPM	420	420	SINGLE		
			07/01/82	451	EVENG	TWA	0.040	PPM	445	445	SINGLE		
			08/05/82	494	EVENG	TWA	0.020	PPM	420	420	SINGLE		
			08/10/82	505	NIGHT	TWA	0.020	PPM	410	410	SINGLE		
			09/03/82	537	EVENG	TWA	0.020	PPM	420	420	SINGLE		
			09/15/82	553	EVENG	TWA	0.050	PPM	435	435	SINGLE		
			09/16/82	557	EVENG	TWA	0.010	PPM	420	420	SINGLE		
			09/20/82	558	DAY	TWA	0.020	PPM	410	410	SINGLE		

AIR-SPL FUL-FACE

VVC 000016232

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VINYL CHLORIDE MONOMER

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PROCESS: VCM PRODUCTION UNIT

NORMAL	PERSONAL	OUT, 2ND OPR/CNTRLMN	10/12/82	588	NIGHT	TWA	<	0.010	PPM	465	465	SINGLE	
			10/19/82	600	DAY	TWA		0.020	PPM	465	465	SINGLE	
			10/22/82	607	EVENG	TWA		0.020	PPM	480	480	SINGLE	
			11/05/82	619	DAY	TWA		0.010	PPM	500	500	SINGLE	
			11/16/82	636	NIGHT	TWA	<	0.010	PPM	420	420	SINGLE	
			11/17/82	638	DAY	TWA		0.290	PPM	420	420	SINGLE	
			11/23/82	643	DAY	TWA		0.020	PPM	420	420	SINGLE	
			12/04/82	654	DAY	TWA		0.070	PPM	652	652	SINGLE	
			12/04/82	655	DAY	TWA		0.180	PPM	490	490	SINGLE	
			12/04/82	657	EVENG	TWA		0.100	PPM	465	465	SINGLE	
			12/04/82	659	EVENG	TWA		0.040	PPM	210	210	SINGLE	
			12/05/82	661	NIGHT	TWA		0.230	PPM	450	450	SINGLE	
			12/05/82	662	NIGHT	TWA		0.050	PPM	450	450	SINGLE	
			12/05/82	672	DAY	TWA		0.090	PPM	505	505	SINGLE	
			12/05/82	673	DAY	TWA		0.030	PPM	505	505	SINGLE	
			12/05/82	687	DAY	TWA		0.740	PPM	475	475	SINGLE	
			12/05/82	688	EVENG	TWA		0.040	PPM	435	435	SINGLE	
			12/16/82	709	NIGHT	TWA	<	0.010	PPM	480	480	SINGLE	
			12/20/82	717	DAY	TWA		0.070	PPM	450	450	SINGLE	
			12/26/82	721	NIGHT	TWA		0.720	PPM	420	420	SINGLE	

VVC 000016233