

L. N. Vernon



F
VCM Health

To R. D. Gamblin Dick Weiss
E. Marcus Smith

Date May 31, 1974

Attached is a recommended letter for you to send to contract employers working inside your plant. I suggest that you send this letter to those employers who work for you on a continuing basis.

If there are any questions, please get in touch with Dave Porchey or me.

L N Vernon

L. N. Vernon

mk
Attachment

CC: REL DVP JFA

VVC 000002573

CONFIDENTIAL

Interoffice Communication

To L. N. Vernon, Saddle Brook
From D. V. Porchey, Ponca City
Date May 28, 1974
Subject NOTIFICATION TO CONTRACTORS OF VCM HEALTH ACTIVITIES

RECEIVED

MAY 30 1974

Attached is a letter recommended for release to all contract employers doing work inside our VCM or PVC plants. The letter has been reviewed and modified by C. Klunick, Safety, and by W. Elliott, Legal, in Houston.

D. V. Porchey

D. V. Porchey
Research Chemical Engineer
Engineering Research
Chemicals Research Division
Research and Development Department

cdp

attach.

cc + attach: F. Kennedy
C. Klunick
W. Elliott
C. Whetstone

VVC 000002574

Gentlemen:

Subject: EMPLOYEE EXPOSURE TO VINYL CHLORIDE MONOMER

One of the chemicals produced ~~used~~ in this plant, vinyl chloride monomer, has been reported to be carcinogenic. Studies are presently underway to determine the frequency of angiosarcoma among workers exposed to vinyl chloride. The Federal Government has declared that vinyl chloride is carcinogenic for humans and has issued an Emergency Temporary Standard for Exposure to Vinyl Chloride. (Federal Register 39 (67), April 5, 1974.)

This letter is to advise you that your employees may be exposed to vinyl chloride monomer while performing contract work within the Conoco VCM plant and to inform you of the plant's activities regarding exposure.

Exposure levels within the plant are presently being monitored to insure compliance with the Emergency Temporary Standard. Exposure to vinyl chloride monomer has been reduced by work practice and engineering modifications. Where exposure levels exceed 50 ppm, breathing air is available and must be used by employees in accordance with the Standard.

Because of the suspected harmful nature of vinyl chloride monomer, Conoco's Medical Division has established medical tests and examinations to be given Conoco employees. These consist of an annual medical examination, radiological examination and pulmonary function test, in addition to a semiannual urinalysis and complete blood work-up.

The Occupational Safety and Health Act imposes certain obligations on employers to prevent exposure of their employees to potentially harmful conditions. Should you wish to consider testing of your employees as described above, we could provide you copies of our medical procedures and of the Emergency Temporary Standard.

If we can be of assistance in providing help to you on this subject, please contact me.

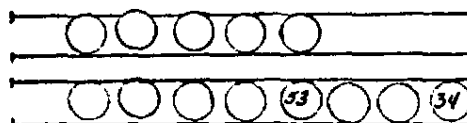
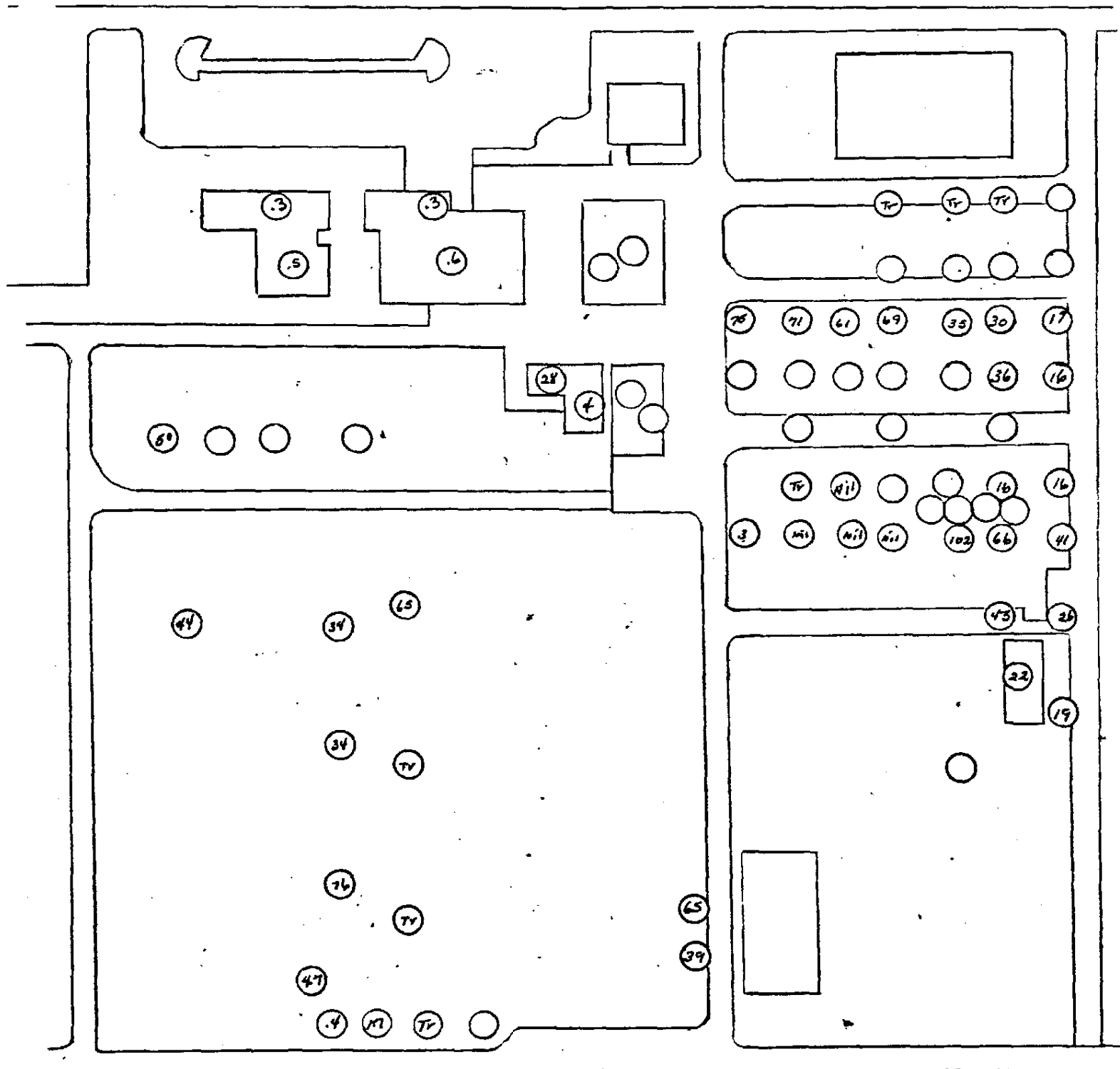
Sincerely,

R. H. Gailard
Plant Manager

VVC 000002575

Vault

VCM SURVEY RESULTS



VVC 000002576

DATE 5-30-31

WEATHER DATA

COMMENTS

TIMES

Temp	Direction	Knots
76 → 87	S-SE	10-22
87 - 79	S	10

0700 - 1500
1500 - 2300

PLANT Grid Bomb Samples

3			4		5		6		7		8		9		10	
Date			Time		Ethylene		Propylene		Vinyl Chloride		Ethyl Chloride		Ethylene Dichloride			
1																
2																
3	5-30	1000							TV		TV		NIL			
4	"	"							TV		TV		T			
5	"	"							TV		TV		NIL			
6																
7																
8																
9	5-30	1700							75		<1		TL			
10	"	"							71		<1		TL			
11	"	"							61		<1		TL			
12	"	2000							69		<1		<10			
13	"	"							35		<1		<10			
14	"	"							30		<1		"			
15																
16	5-30	2230							20		TR		NIL			
17	"	"							43		TR		NIL			
18	"	"							22		TR		TR			
19																
20																
21																
22																
23																
24																
25																
26	5-31-74	2100							16		TR		NIL			
27	"	"							16		TR		NIL			
28																
29																
30																
31																
32																
33																
34	5-30	1100							NIL		NIL		NIL			
35	"	"							TV		NIL		NIL			
36	"	"							34		NIL		NIL			
37	"	1400							NIL		NIL		NIL			
38	"	1400							NIL		NIL		NIL			
39	"	1400							NIL		NIL		NIL			
40	"	1800							102		TR		<10			

VVC 000002577

PLHNI GRID Bomb Samples

Sam	3rd	WRITE	COLU	1	2	3	4	5	6	7	8	9	10
				Date	Time	Ethylene	Propylene	Vinyl Chloride	Ethyl Chloride	Ethylene Dichloride			
41				5-30-74	1800			66	TL	L10			
42				"	"			41	TL	L10			
43				"	2230			26	TR	N.I.			
44				5-30-74	2230			43	TR	N.I.			
45				"	"			22	TR	N.I.			
46				5-31-74	2400			19	TR	N.I.			
48				5-30	2100			65	TL	L10			
49				"	"			39	TL	L10			
50				"	"			34	TL	L10			
51													
52													
53				5-31-74	0100			52.7	TR	TR			
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64				5-30	0800			TV	TV	TV			
65				"	"			1.7	TV	TV			
66				"	"			.40	TV	TV			
67				"	1200			4.7	TV	TV			
68				"	"			TV	TV	TV			
69				"	"			TV	TV	TV			
70				"	1600			65	TL	L10			
71				"	"			34	TL	L10			
72				"	"			34	TL	L10			
73				5-30	1900			76	5	9			
74				"	"			44	TL	TL			
75				"	"			50	TL	TL			
76													
77													
78													
79				5-30	2200			28	TL	L10			
80				"	"			4	N.I.	L10			

VVC 000002578

SA, Airt

SA, Airt

COLL WHITE (P)

COLL	Date	Time	Ethylene	Propylene	Vinyl Chloride	Ethyl Chloride	Ethylene Dichloride
81							
82							
83							
85	5-30	0900			.60	tc	tc
86	"	"			.34	tc	DIL
87	"	"			.48	tc	DIL
88	"	"			.34	tc	DIL
15	5-30	2300			17	.53	TR
16	"	"			16	TR	TR
17	"	"			36	TR	TR

VVC 000002579

VVC 000002579



F

UNIROYAL CHEMICAL
Division of UNIROYAL, Inc.
Painesville, Ohio 44077

216-357-7574

May 29, 1974

TO: MEMBERS OF THE VINYL CHLORIDE SAFETY ASSOCIATION

Attached for your file and reference is a copy of the attendance roster of the May 24, 1974 meeting of the Vinyl Chloride Safety Association at the Sheraton/Hopkins Motel, Cleveland, Ohio.

This list is being sent to delegated member company representatives only. Please distribute copies internally at your discretion.

Very truly yours,

W. M. Eliff
W. M. Eliff
Secretary
Vinyl Chloride Safety Assoc.

WMI:bap

Attachment

VVC 000002580

VINYL CHLORIDE SAFETY ASSOCIATION
ATTENDANCE ROSTER - MAY 25, 1974 MEETING
SHERATON/HOPKINS MOTEL - CLEVELAND, OHIO AIRPORT

<u>Company</u>	<u>Attendee</u>	<u>Title</u>	<u>Address</u>	<u>Telephone No.</u>
AIR PRODUCTS	J. T. Barr	Technical Mgr.	5 Executive Mall, Wayne, Pa. 19087	215-687-6150
ALLIED CHEMICAL CORP.	W. C. Koch	Mgr. Qual. Assur.	Box 1139R, Morristown, N. J. 07960	---
AMERICAN CHEMICAL CORP.	Harold E. Kling George E. Lessley	Plant Manager Ass't. Plant Mgr.	2112 East 223rd St., Long Beach, Calif. Ditto	213-834-8571 Ditto
BORDEN CHEMICAL	Ray Landon George Bevis Russell Mercier	Safety Coordinator Plant Manager Mgr. Works - Plastic	P. O. Box 27, Illipolis, Ill. Ditto 511 Lancaster St. Leominster, Mass. 01453	217-486-2411 Ditto 617-KE-1711
CERTAIN-TEED PRODUCTS	Wm. R. Krause J. L. Nickels C. A. Gellner	Safety Manager Technical Supt. Plant Manager	Box 860, Valley Forge, Pa. 19482 Lake Charles, La. Ditto	215-687-5000 201-464-9000 Ditto
CONTINENTAL OIL CO.	J. F. Gabbett	Tech. Coordinator	Park 80 Plaza, East, Saddle Brook, N.J.	701-845-3800
DIAMOND SHAMROCK	Charles Burkins	Safety Supervisor	Delaware City, Delaware	302-834-4561
DOW CHEMICAL COMPANY	R. L. Dostal Ed Rainwater	Area Supt. Unit Manager	564 Bldg., Midland, Michigan A-2431, Freeport, Texas	517-636-1452 713-238-4506
ETHYL CORPORATION	H. G. Smith James A. Wingate	Operations Supt. Sr. Tech. Ser. Engr.	P. O. Box 341, Baton Rouge, La. Ditto	504-357-4361 Ditto
ESSO CHEMICAL, CANADA	E. R. Ankenmann	PVC Plant Supvr.	P. O. Box 3008, Sarnia, Ont., Canada	519-339-2891
FIRESTONE PLASTICS	Ken Garner Bill Tyson W. W. Madden	Prod. Mgr. PVC Manager Coordinator Spec. Projects	Box 699, Pottstown, Pa. Perryville, Maryland Box 699, Pottstown, Pa.	215-326-2000 (230) 301-939-5000 215-326-2000
GENERAL TIRE & RUBBER CO.	J. R. Mudd T. L. Allen H. E. Jewett R. W. Laundrie	Plant Manager Prod. Mgr. Tech. Supt. Manager	P. O. Box 68, Ashtabula, Ohio Ditto Ditto One General St., Akron, Ohio	216-998-1120 Ditto Ditto 216-798-3327

185200000 VVC

VINYL CHLORIDE SAFETY ASSOCIATION
ATTENDANCE ROSTER - MAY 25, 1974 MEETING
SHERATON/HOMKINS MOTEL - CLEVELAND, OHIO AIRPORT

PAGE 2

<u>Company</u>	<u>Attendee</u>	<u>Title</u>	<u>Address</u>	<u>Telephone No.</u>
GEORGIA PACIFIC	Fred Hall Harold Lloyd	Prod. Supvr. Ind. Relations Mgr.	P. O. Box 629, Plaquemine, La. 70764 Ditto	--- ---
B. F. GOODRICH	Glen D. Schaaf Herman Waltemate	Manufacturing Mgr. Safety	6100 Oaktree Blvd., Cleveland, Ohio Ditto	216-524-0200 Ditto
GOODYEAR TIRE & RUBBER CO.	A. T. Dixon M. Trowbridge	Prod. Supt. Prod.	Box 578, Plaquemine, La. 5608 Baker Ave., Niagara Falls, N.Y.	387-3151 716-283-7682
GREAT AMERICAN CHEMICAL	O. Paul Coleen John C. Flores	Vice-President V. P. Mfg.	650 Water St., Fitchburg, Mass. 01420 Ditto	617-343-6973 Ditto
HOOVER CHEMICAL	Brian D. Cole Mark Soble	Process Engr. Safety Engr.	Box 456, Burlington, N. J. Ditto	609-499-2300 Ditto
I.C.I. (LTD.) ENGLAND	E. J. Young	Prod. Mgr.	P. O. Box 3 (Thornton-Cleveleys) Blackpool	039-14-6161
KEYSOR-CENTURY	S. K. Law	Process Engr.	Box 308, Saugus, California	805-259-2360
PANTASOTE COMPANY	Joseph E. Bick Roy W. McCune	Safety Mgr. V. P. Mfg.	26 Jefferson St., Passaic, N. J. Ditto	201-777-8500 Ditto
INDUSTRIES	Glenn Work J. M. Denison Roy Stack Frank DeWoody	General Foreman VCM Supt. Tech. Serv. Engr. Distribution Oper.	1410 Alice Lane, Salphur, La. P. O. Box 3472, Ponce, P. R. 00731 One Gateway Center, Pittsburgh, Pa. Ditto	318-882-1200 809-843-4115 412-434-2403 Ditto
ROBIN-TECH, INCORPORATED (UNIVERSAL PVC RESINS)	Neil E. Seyler Howard G. McCamey J. C. Palinsky	Plant Manager Supt. of Operations Safety Supvr.	786 Hardy Rd., Painesville, O. 44077 Ditto Ditto	216-352-6241 Ditto Ditto
STAUFFER CHEMICAL	Ray Asti Bill Hager	Plant Manager Personnel & Safety	Box 320, Delaware City, Delaware Ditto	302-834-4575 Ditto

VVC 000002582

VINYL CHLORIDE SAFETY ASSOCIATION
ATTENDANCE ROSTER - MAY 25, 1974 MEETING
SHERATON/HOPKINS MOTEL - CLEVELAND, OHIO AIRPORT

PAGE 3

<u>Company</u>	<u>Attendee</u>	<u>Title</u>	<u>Address</u>	<u>Telephone No</u>
TENNECO CHEMICALS, INC.	P. L. Bogart	Safety Mgr. (O. & P. Div.)	River Road, Flemington, N. J.	201-782-4011
	Wm. W. Heal	Safety Supvr.	Box 116, Burlington, N. J.	609-386-9200
	Thomas T. Moore	PVC Oper. Supvr.	Box 849, Pasadena, Texas	713-479-3411
UNION CARBIDE	R. L. Frantz	Dept. Head	P. O. Box 471, Texas City, Texas	713-945-7411
ROYAL CHEMICAL	B. R. Leach	Factory Mgr.	P. O. Box 460, Painesville, O. 44077	216-357-7574
	W. M. Iliff	Plant Engineer	Ditto	Ditto

VVC 000002583

PLANT Grid Bomb Samples

Sample
COLUMBIA WHITE
Vaux

	3	4	5	6	7	8	9	10
	Date	Time	Ethylac	Propylac	Amyl Citral	Ethyl Citral	Ethyl Acetate	
1	5-28-74	0600			0.11	0.17		
2	"	"			0.23	0.34		
4								
5								
6								
8								
9								
10	5-28-74	1410			.89	.78	TR	
11	"	"			.78	.75	TR	
12	"	"			.78	.6	TR	
13								
14								
15								
16	5-28-74	2100			.86	.74	TR	
17	"	"			.74	.70	TR	
18	"	"			.69	.63	TR	
19	5-29-74	2400			NIL	NIL	NIL	
20	5-29-74	"			NIL	TR	NIL	
21	"	"			NIL	NIL	NIL	
22	"	0400			0.51	NIL	NIL	
23	"	"			0.17	NIL	NIL	
24	"	"			0.23	0.14	TR	
25	"	0600			NIL	NIL	NIL	
26								
27								
28	5-29-74	0400			0.43	NIL	NIL	
29	"	"			0.23	NIL	NIL	
30	"	"			0.11	NIL	NIL	
31								
33								
34	5-28-74	1300			.78	TR	NIL	
35	"	"			.44	NIL	NIL	
36	"	"			.44	NIL	NIL	
37	5-28-74	1600			TR	TR	NIL	
38	"	"			TR	TR	NIL	
39	"	"			TR	TR	NIL	
40								

VVC 000002584

PLHNI SKLD Bomb Samples

Temp wind

10-1500 69-86 SE 10
20-230 86-76 SSE 8
2300-0600 76 S 6

Samp	COLU	DATE	Time	WHITE @					
				Ethylene	Propylene	Vinyl Chloride	Ethyl Chloride	Ethylene Dichloride	
41									1
42									2
43		5-28-74	2250			TR	NIL	NIL	3
44		"	"			TR	NIL	NIL	4
45		"	"			NIL	NIL	NIL	5
46									6
47									7
48									8
49									9
50									10
51									11
52									12
53		5-29-74	0200			NIL	NIL	NIL	13
54									14
55		5-29-74	0200			NIL	NIL	NIL	15
56									16
57		5-29-74	0200			NIL	NIL	NIL	17
58									18
59		5-29-74	0500			363	NIL	NIL	19
60									20
61		5-29-74	0500			8	NIL	TR	21
62									22
63		5-29-74	0500			NIL	NIL	NIL	23
64		5-28-74	1050			.45	NIL	NIL	24
65		"				1.9	NIL	NIL	25
66		"				1.0	NIL	NIL	26
67		"	1200			.67	NIL	NIL	27
68		"	"			.55	TR	NIL	28
69		"	"			.8	NIL	NIL	29
70		5-28-74	1700			.80	NIL	NIL	30
71		"	"			TR	NIL	NIL	31
72		"	"			TR	NIL	NIL	32
73		"	2100			NIL	NIL	NIL	33
74		"	2100			TR	NIL	NIL	34
75		"	2100			TR	NIL	NIL	35
76									36
77									37
78									38
79		5-28-74	2200			.74	NIL	TR	39
80		"	"			TR	NIL	TR	40

VVC 000002585

PLANT GRID Bomb Samples

SAINT 2101

WRITE ©
CORL

81
82
(83
94
85
86
88

Date

Time

Ethylene

Propylene

Methyl Chloride

Ethyl Chloride

Isopentyl Chloride

5-28

1500

"

"

"

"

"

"

"

"

"

"

"

"

"

"

.48

.36

.36

.72

TR

NIL

NIL

NIL

TR

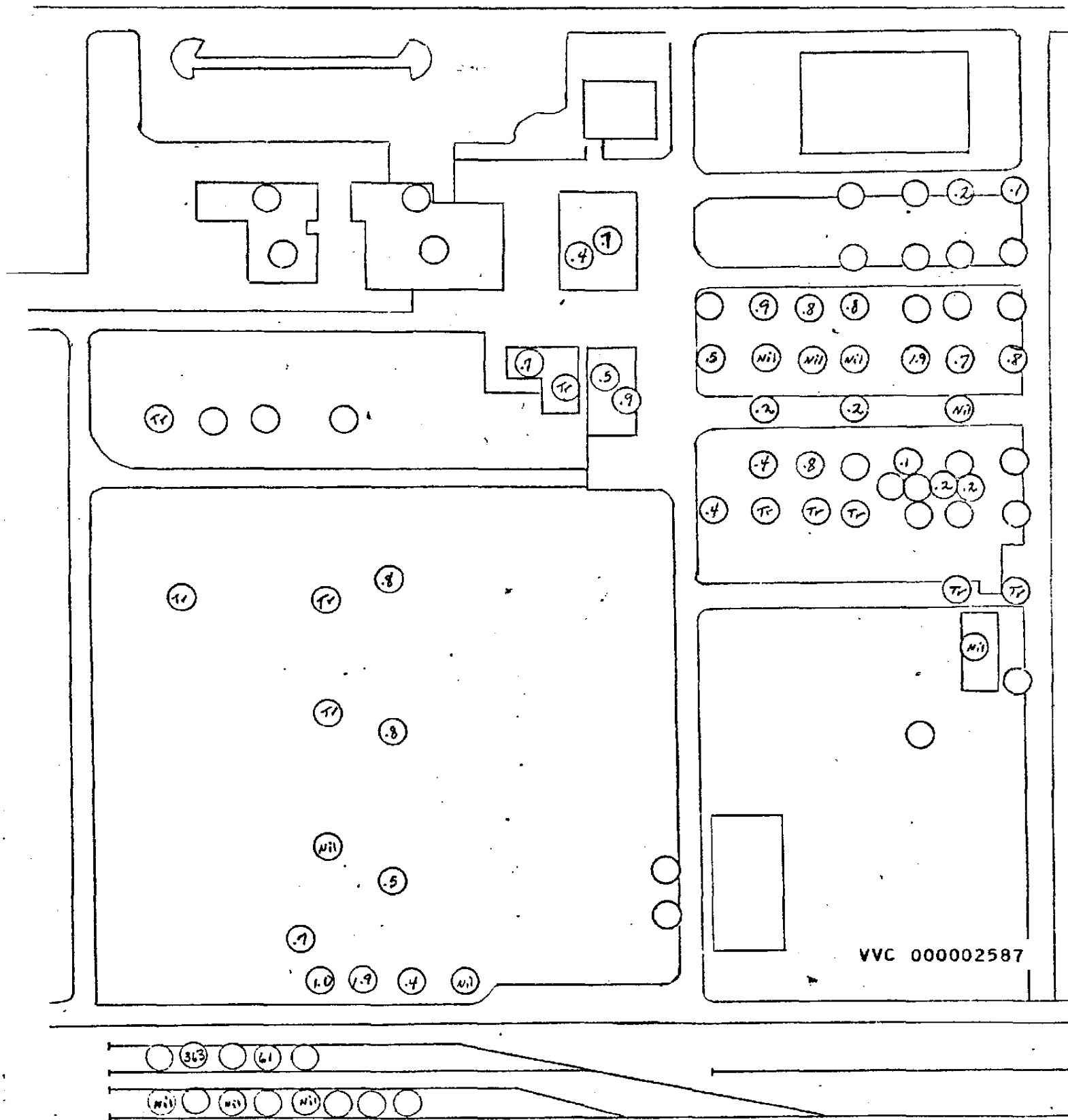
NIL

NIL

NIL

VVC 000002586

VCM SURVEY RESULTS



DATE 5-28, 29

TIMES 5-29

0700-1500

1500-2300

2300-0600

WEATHER DATA

Temp
69 → 86 SE 10
80 → 76 SSE 8
76 S 6

COMMENTS