

SR

Date: 3/4/2009

To: New York State Department of Environmental Conservation
Chief, Bureau of Hazardous Compliance and Land Management
50 Wolf Road
Albany, NY 12233-7252

CC: ✓ NYSDEC - Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999
Attn: Regional Solid & Hazardous Materials Engineer,

U.S. EPA - Region II
Chief hazardous Waste Facilities Branch
290 Broadway
New York, New York 10007-1866

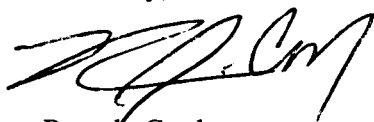
RECEIVED

MAR 06 2009
NYSDEC REG 9
FOIL
REL UNREL

RE: Semi-annual Landfill Monitoring Results - Permit # 9-1425-0059/0001,
EPA ID # - NYD991290529.

Enclosed are the results of the post-closure monitoring program for the 2nd half of 2008.
Please feel free to contact myself or Richard G. Shotell President of Vanchlor if you have any questions.

Sincerely,



Pamela Cook
Technical Advisor - Vanchlor Inc.
716-433-6764 x 126
Vanchlor Phone: 716-434-2624

**SEMI-ANNUAL POST-CLOSURE WATER QUALITY
DATA EVALUATION**

**Vanchlor Inc.
LOCKPORT, NEW YORK**

March 2009

2nd Half 2008

**SEMI-ANNUAL POST-CLOSURE WATER QUALITY
DATA EVALUATION
VAN DE MARK LANDFILL**

I. BACKGROUND

Van De Mark (VDM) Landfill is located between Mill Street and Eighteen Mile Creek in Lockport, New York. The landfill consists of a 2.5 acre plateau located on a bluff approximately 80 feet above Eighteen Mile Creek.

The landfill was closed during the summer of 1988 in accordance with the NYSDEC-approved closure plan. Closure was designed to minimize the potential for hazardous constituents to be leached from the wastes and released to the groundwater. Van De Mark is now required to monitor the effectiveness of the final cover system, inspect and maintain the integrity of the final cover, and continue to conduct groundwater monitoring for a minimum of 30 years from the date of closure.

Groundwater monitoring is performed on a semiannual basis in accordance with Module IV of VDM's RCRA permit. The groundwater monitoring program has been designed to assess groundwater quality impacts at the landfill site. The groundwater monitoring program consists of sample collection and analysis of groundwater from monitoring wells VDM-9, VDM-10, VDM-11, VDM-14 and D-55 (background) for volatile organic compounds and select inorganic parameters. Samples are also collected from Eighteen Mile Creek just downstream of the site. Groundwater and surface water from Eighteen Mile Creek is analyzed for volatile organic compounds, metals and pH. In addition, water level measurements are taken during each sampling event at all wells prior to purging. The groundwater quality for each analytical parameter at each well location is compared to background water quality data for down gradient monitoring wells having compounds with concentrations exceeding groundwater protection standards. A statistical method is used to evaluate long-term changes in groundwater quality by plotting the two-year trend for wells in which compounds exceed groundwater protection standards.

II. DATA PRESENTATION

Analytical data for quarterly sampling events prior to 1996 and semiannually since the first event of 1997 is summarized on computerized spreadsheets in Attachment A. The analytical laboratory data report for the October 2008 monitoring event is provided as Attachment B along with water level data, well construction data, and field parameters.

III. RESULTS

A one-year moving average has been established for each parameter for wells VDM9, -10, -11, and -14 (see Attachment A). The trend analysis results are summarized in Table 1. The trend is presented as increasing, decreasing, or neutral trend. Based on this analysis, there is an increasing trend for 1,2-dichloroethane and vinyl chloride at VDM-10 & 11. There is also an increasing trend for trichloroethene at VDM-10. All trends for VDM-14 are increasing and 1,2-dichloroethane, trans-1,2-dichloroethene, tetrachloroethene, trichloroethene and cooper are higher than the NYSDEC exceedence values. It should be noted that well VDM-14 is a newly drilled well and this was the first sample from the well. All other trends for VDM- 10 & 11 are either neutral or decreasing. VDM-9 may have collapsed and no sample could be obtained. This well will be replaced prior to the first sampling event of 2009.

Analytical results for 18-Mile Creek indicate that there has been no increase in concentrations of any parameters at 18 mile creek. (Table – Historical Data – 18 Mile Creek).

TABLE 1

VAN DE MARK GROUP
POST-CLOSURE MONITORING MOVING AVERAGE TREND TEST

Parameter	TWO-YEAR TREND ANALYSIS ⁽¹⁾			
	Well VDM-9	Well VDM-10	Well VDM-11	Well VDM-14
Chloroform	No Sample ⁽³⁾	Neutral	Decreasing	Increasing ⁽⁴⁾
1,2-Dichloroethane	No Sample ⁽³⁾	Increasing	Increasing	Increasing ⁽⁴⁾
Trans-1,2-Dichloroethene	No Sample ⁽³⁾	Decreasing	Decreasing	Increasing ⁽⁴⁾
Methylene Chloride	No Sample ⁽³⁾	Neutral	Neutral	Increasing ⁽⁴⁾
1,1,2,2-Tetrachloroethane	No Sample ⁽³⁾	Decreasing	Decreasing	Increasing ⁽⁴⁾
Tetrachloroethene	No Sample ⁽³⁾	Neutral	Neutral	Increasing ⁽⁴⁾
Trichloroethene	No Sample ⁽³⁾	Increasing	Neutral	Increasing ⁽⁴⁾
Vinyl Chloride	No Sample ⁽³⁾	Increasing	Increasing	Increasing ⁽⁴⁾
Toluene	No Sample ⁽³⁾	Neutral	Decreasing	Increasing ⁽⁴⁾
Chromium	No Sample ⁽³⁾	Decreasing	Decreasing	Increasing ⁽⁴⁾
Copper	No Sample ⁽³⁾	Decreasing	Decreasing	Increasing ⁽⁴⁾
Zinc	No Sample ⁽³⁾	Decreasing	Decreasing	Increasing ⁽⁴⁾

Notes:

(1) *Increasing - significant increasing trend identified on the plot for that parameter.
Decreasing - significant decreasing trend identified on the plot for that parameter.
Neutral - no significant increasing or decreasing trend identified on the plot for that parameter.*

(2) *The most recent semi-annual monitoring data is greater than the NYSDEC Exceedance Value for that parameter.*

(3) *No sample taken, well may have collapsed.*

(4) *First sample from replacement well.*

Attachment A

ATTACHMENT A

VAN DE MARK GROUP POST-CLOSURE MONITORING

SUMMARY OF MOVING TREND ANALYSIS CHECKLIST

Parameter	Monitoring Location											
	Upgradient			Downgradient								
	D-55			VDM-9			VDM-10		VDM-11		VDM-14	
	table	chart		table	chart		table	chart	table	chart	table	chart
Chromium	(1)	NA		NS	NS		x	x	x	x	x	x
Copper	(1)	NA		NS	NS		x	x	x	x	x	x
Zinc	(1)	NA		NS	NS		x	x	x	x	x	x
Chloroform	(1)	NA		NS	NS		x	x	x	x	x	x
1,2-Dichloroethane	(1)	NA		NS	NS		x	x	x	x	x	x
trans-1,2-Dichloroethene	(1)	NA		NS	NS		x	x	x	x	x	x
Methylene Chloride	(1)	NA		NS	NS		x	x	x	x	x	x
1,1,2,2-Tetrachloroethane	(1)	NA		NS	NS		x	x	x	x	x	x
Tetrachloroethene	(1)	NA		NS	NS		x	x	x	x	x	x
Toluene	(1)	NA		NS	NS		x	x	x	x	x	x
Trichloroethene	(1)	NA		NS	NS		x	x	x	x	x	x
Vinyl Chloride	(1)	NA		NS	NS		x	x	x	x	x	x

Notes:

(1) Analytical data submitted.

NA Not applicable.

NS No Sample - Well may have collapsed

Attachment B

VDM – 9

VDM – 10

WELL VDM - 10 : CHLOROFORM

WELL VDM - 10 : CHLOROFORM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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WELL VDM - 10 : 1,2-DICHLOROETHANE

WELL VDM - 10 : 1,2-DICHLOROETHANE

SAMPLING EVENT		CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS		MOVING AVERAGE	SAMPLING EVENT NO.	
Jul-84			30	5	TOTAL STD	5.59792801		1	
Oct-84			30	5	TOTAL Sx	0.67391134		2	
Jan-85		9.9	30	5	TOTAL MEAN	7.43142857		3	
Apr-85		5	30	5	TOTAL N	70	7.45	4	
Jul-85		5	30	5	TOTAL df	69	6.63	5	
Oct-85		10	30	5			7.48	6	
Jan-86		5	30	5			6.25	7	
Apr-86		7.2	30	5			6.80	8	
Jul-86		7.9	30	5			7.53	9	
Oct-86		7.2	30	5			6.83	10	
Jan-87		3.3	30	5			6.40	11	
Apr-87		2.7	30	5			5.28	12	
Jul-87		1	30	5			3.55	13	
Oct-87		1	30	5			2.00	14	
Jan-88		7.6	30	5			3.08	15	
Apr-88		7.8	30	5			4.35	16	
Jul-88		23	30	5			9.85	17	
Oct-88		23	30	5			15.35	18	
Jan-89		21	30	5			18.70	19	
Apr-89		20	30	5			21.75	20	
Jul-89		1	30	5			16.25	21	
Oct-89		0.2	30	5			10.55	22	
Jan-90		7	30	5			7.05	23	
Apr-90		8	30	5			4.05	24	
Jul-90		11	30	5			6.55	25	
Oct-90		1	30	5			6.75	26	
Jan-91		20	30	5			10.00	27	
Apr-91		7.1	30	5			9.78	28	
Jul-91		2	30	5			7.53	29	
Oct-91		3.9	30	5			8.25	30	
Jan-92		6.4	30	5			4.85	31	
Apr-92		8	30	5			5.08	32	
Jul-92		4.7	30	5			5.75	33	
Oct-92		5.45	30	5			6.14	34	
Jan-93		14.9	30	5			8.26	35	
Apr-93		6.75	30	5			7.95	36	
Jul-93		7.8	30	5			8.73	37	
Oct-93		21	30	5			12.61	38	
Jan-94		10	30	5			11.39	39	
Apr-94		1	30	5			9.95	40	
Jul-94		9	30	5			10.25	41	
Oct-94		7.2	30	5			6.80	42	
Jan-95		2.1	30	5			4.83	43	
Apr-95		12	30	5			7.58	44	
Jul-95		18	30	5			9.83	45	
Oct-95		14	30	1			11.53	46	
Apr-96		10	30	10			13.00	13.00	47
Sep-96		10	30	10			10	10	09/17/96 semiannual 48
Apr-97		10	30	10			10	10	04/03/97 semiannual 49
Aug-97		12	30	10			11	11	08/27/97 semiannual 50
Mar-98		1.4	30	5			6.7	6.7	03/24/98 semiannual 51
Sep-98		5.7	30	5			3.55	3.55	09/22/98 semiannual 52
May-99		10	30	10			7.85	7.85	05/11/99 semiannual 53
Oct-99		10	30	10			10	10	10/05/99 semiannual 54
May-00		10	30	10			10	10	05/16/00 semiannual 55
Nov-00		4	30	5			7	7	11/28/00 semiannual 56
Apr-01		1	30	5			2.5	2.5	04/04/01 semiannual 57
Oct-01		5	30	5			3	3	10/18/01 semiannual 58
Apr-02		5	30	5			5	5	04/18/02 semiannual 59
Oct-02		3	30	5			4	4	10/03/02 semiannual 60
Apr-03		2	30	5			2.5	2.5	04/25/03 semiannual 61
Oct-03		3	30	5			2.5	2.5	10/03/03 semiannual 62
Apr-04		3	30	5			3	3	04/01/04 semiannual 63
Oct-04		2	30	5			2.5	2.5	10/19/04 semiannual 64
Apr-05		3	30	5			2.5	2.5	04/22/05 semiannual 65
Oct-05		3	30	5			3	3	10/07/05 semiannual 66
May-06		5	30	5			4	4	05/11/06 semiannual 67
Oct-06		5	30	5			5	5	10/18/06 semiannual 68
May-07		5	30	5			5	5	05/22/07 semiannual 69
Oct-07		5	30	5			5	5	10/25/07 semiannual 70
May-08		5	30	5			5	5	05/13/08 semiannual 71
							5	5	10/23/08 semiannual 72

WELL VDM - 10 : TRANS-1,2-DICHLOROETHENE				WELL VDM - 10 : TRANS-1,2-DICHLOROETHENE			
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS		MOVING AVERAGE	SAMPLING EVENT NO.
Jul-84		10	5	TOTAL STD	3.08206116		1
Oct-84		10	5	TOTAL Sx	0.37103656		2
Jan-85	5	10	5	TOTAL MEAN	3.977		3
Apr-85	5	10	5	TOTAL N	70	5.00	4
Jul-85	5	10	5	TOTAL df	69	5.00	5
Oct-85	10	10	5			6.25	6
Jan-86	5	10	5			6.25	7
Apr-86	5	10	5			6.25	8
Jul-86	5	10	5			6.25	9
Oct-86	1	10	5			4.00	10
Jan-87	1	10	5			3.00	11
Apr-87	1	10	5			2.00	12
Jul-87	1	10	5			1.00	13
Oct-87	1	10	5			1.00	14
Jan-88	1	10	5			1.00	15
Apr-88	1	10	5			1.00	16
Jul-88	1	10	5			1.03	17
Oct-88	1.1	10	5			1.03	18
Jan-89	1	10	5			1.03	19
Apr-89	1	10	5			1.03	20
Jul-89	1	10	5			1.00	21
Oct-89	1	10	5			1.00	22
Jan-90	1	10	5			1.00	23
Apr-90	1	10	5			1.00	24
Jul-90	1	10	5			1.00	25
Oct-90	1	10	5			3.25	26
Jan-91	10	10	5			3.50	27
Apr-91	2	10	5			3.75	28
Jul-91	2	10	5			4.00	29
Oct-91	2	10	5			2.00	30
Jan-92	2	10	5			1.75	31
Apr-92	1	10	5			1.50	32
Jul-92	1	10	5			1.31	33
Oct-92	1.25	10	5			1.32	34
Jan-93	2.04	10	5			1.45	35
Apr-93	1.5	10	5			1.82	36
Jul-93	2.5	10	5			2.16	37
Oct-93	2.6	10	5			2.28	38
Jan-94	2.5	10	5			2.53	39
Apr-94	2.5	10	5			2.53	40
Jul-94	2.5	10	5			2.50	41
Oct-94	2.5	10	5			2.70	42
Jan-95	3.3	10	5			2.70	43
Apr-95	2.5	10	5			3.33	44
Jul-95	5	10	5			6.20	45
Oct-95	14	10	1			9.75	46
Apr-96	10	10	10			10	47
Sep-96	10	10	10			10	48
Apr-97	10	10	10			10	49
Aug-97	10	10	10			7.5	50
Mar-98	5	10	5			5	51
Sep-98	5	10	5			7.5	52
May-99	10	10	10			10	53
Oct-99	10	10	10			10	54
May-00	10	10	10			7.5	55
Nov-00	5	10	5			5	56
Apr-01	5	10	5			5	57
Oct-01	5	10	5			5	58

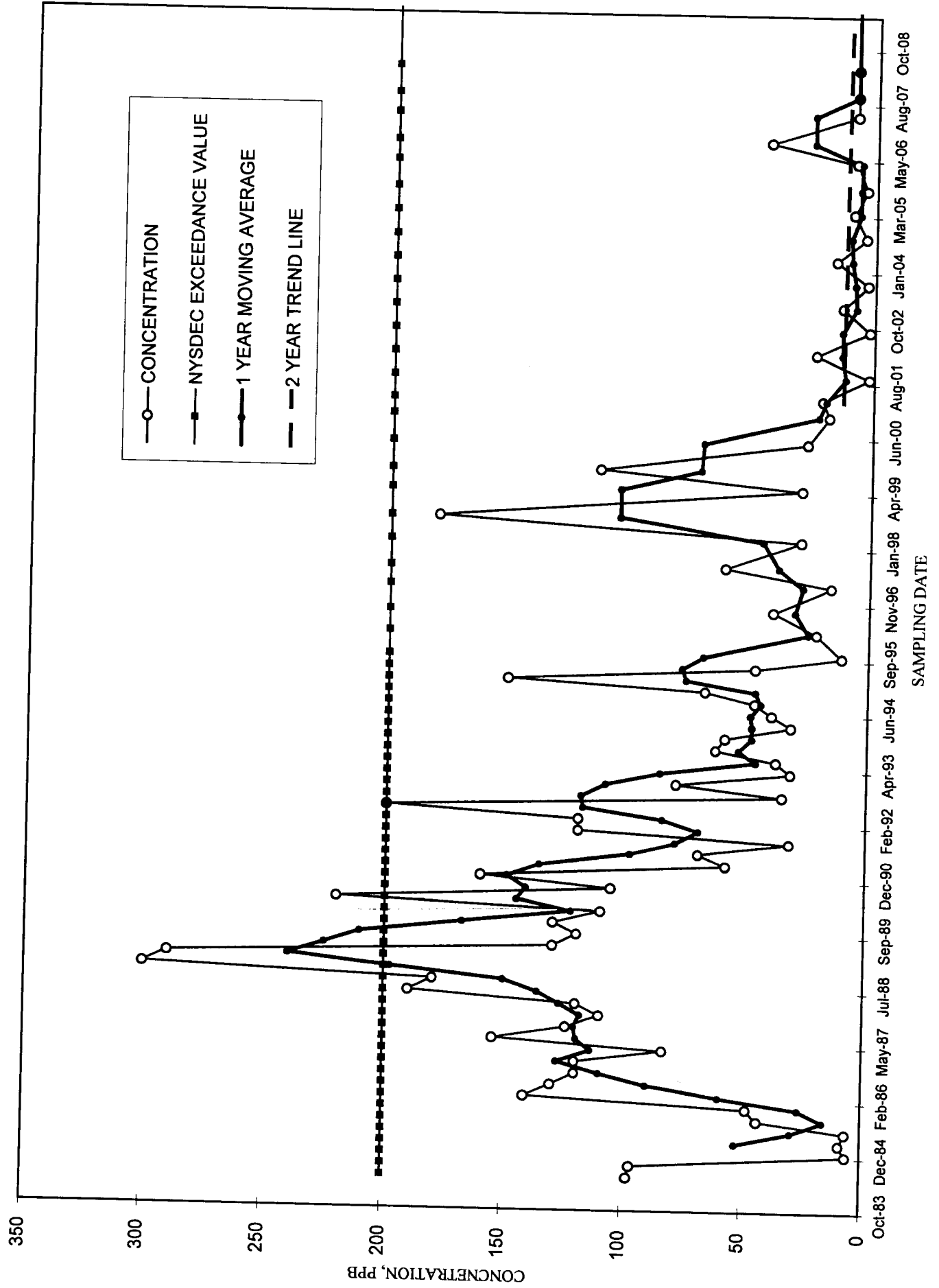
WELL VDM - 10 : METHYLENE CHLORIDE				WELL VDM - 10 : METHYLENE CH			
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE	SAMPLING EVENT NO.	
Jul-84	41.7	30	5	TOTAL STD 17.7845376		1	
Oct-84	42	30	5	TOTAL Sx 2.11063631		2	
Jan-85	69.5	30	5	TOTAL MEAN 12.3223611		3	
Apr-85	89.1	30	5	TOTAL N 72	60.58	4	
Jul-85	93.2	30	5	TOTAL df 71	73.45	5	
Oct-85	38.5	30	5		72.58	6	
Jan-86	24.8	30	5		61.40	7	
Apr-86	5.3	30	5		40.45	8	
Jul-86	5	30	5		18.40	9	
Oct-86	4	30	5		9.78	10	
Jan-87	10	30	5		6.08	11	
Apr-87	12.5	30	5		7.88	12	
Jul-87	1	30	5		6.88	13	
Oct-87	1	30	5		6.13	14	
Jan-88	3	30	5		4.38	15	
Apr-88	2.6	30	5		1.90	16	
Jul-88	18	30	5		6.15	17	
Oct-88	19	30	5		10.65	18	
Jan-89	15	30	5		13.65	19	
Apr-89	17	30	5		17.25	20	
Jul-89	2	30	5		13.25	21	
Oct-89	5.4	30	5		9.85	22	
Jan-90	2	30	5		6.60	23	
Apr-90	7	30	5		4.10	24	
Jul-90	14	30	5		7.10	25	
Oct-90	6	30	5		7.25	26	
Jan-91	50	30	5		19.25	27	
Apr-91	5.8	30	5		18.95	28	
Jul-91	8.8	30	5		17.65	29	
Oct-91	9.8	30	5		18.60	30	
Jan-92	8.6	30	5		8.25	31	
Apr-92	14	30	5		10.30	32	
Jul-92	8.8	30	5		10.30	33	
Oct-92	2.5	30	5		8.48	34	
Jan-93	13.2	30	5		9.63	35	
Apr-93	8.31	30	5		8.20	36	
Jul-93	2.8	30	5		6.70	37	
Oct-93	5.9	30	5		7.55	38	
Jan-94	1.5	30	5		4.63	39	
Apr-94	1.5	30	5		2.93	40	
Jul-94	5	30	5		3.48	41	
Oct-94	4.2	30	5		3.05	42	
Jan-95	1.5	30	5		3.05	43	
Apr-95	7.4	30	5		4.53	44	
Jul-95	8.7	30	5		5.45	45	
Oct-95	2.5	30	2.5		5.03	46	
Apr-96	10	30	10		7.80	47	
Sep-96	10	30	10		10	10	09/17/96 semiannual
Apr-97	10	30	10		10	10	04/03/97 semiannual
Aug-97	10	30	10		10	10	08/27/97 semiannual
Mar-98	5	30	5		7.5	7.5	03/24/98 semiannual
Sep-98	10	30	5		7.5	7.5	09/22/98 semiannual
May-99	10	30	10		10	10	05/11/99 semiannual
Oct-99	10	30	10		10	10	10/05/99 semiannual
May-00	10	30	10		10	10	05/16/00 semiannual
Nov-00	2	30	5		6	6	11/28/00 semiannual
Apr-01	5	30	5		3.5	3.5	04/04/01 semiannual
Oct-01	5	30	5		5	5	10/18/01 semiannual
Apr-02	1	30	5		3	3	04/18/02 semiannual
Oct-02	5	30	5		3	3	10/03/02 semiannual
Apr-03	5	30	5		5	5	04/25/03 semiannual
Oct-03	5	30	5		5	5	10/03/03 semiannual
Apr-04	5	30	5		5	5	04/01/04 semiannual
Oct-04	5	30	5		5	5	10/19/04 semiannual
Apr-05	5	30	5		5	5	04/22/05 semiannual
Oct-05	5	30	5		5	5	10/07/05 semiannual
May-06	5.8	30	5		5.4	5.4	05/11/06 semiannual
Oct-06	5.8	30	5		5.8	5.8	10/18/06 semiannual
May-07	5.8	30	5		5.8	5.8	05/22/07 semiannual
Oct-07	5.8	30	5		5.8	5.8	10/25/07 semiannual
May-08	5.8	30	5		5.8	5.8	05/13/08 semiannual

WELL VDM - 10 : COPPER				WELL VDM - 10 : COPPER							
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS		MOVING AVERAGE	SAMPLING EVENT NO.				
Jul-84	290	9500	200	TOTAL STD	3208.10941					1	
Oct-84		9500	200	TOTAL Sx	389.040411					2	
Jan-85	450	9500	200	TOTAL MEAN	2324.28986					3	
Apr-85	200	9500	200	TOTAL N	69	313.33				4	
Jul-85	200	9500	200	TOTAL df	68	283.33				5	
Oct-85	510	9500	200			340.00				6	
Jan-86	200	9500	200			277.50				7	
Apr-86	780	9500	200			422.50				8	
Jul-86	270	9500	200			440.00				9	
Oct-86	280	9500	200			382.50				10	
Jan-87	250	9500	200			395.00				11	
Apr-87		9500	200			266.67				12	
Jul-87		9500	200			265.00				13	
Oct-87	230	9500	200			240.00				14	
Jan-88	280	9500	200			255.00				15	
Apr-88	35	9500	200			181.67				16	
Jul-88	30	9500	200			143.75				17	
Oct-88	3100	9500	200			861.25				18	
Jan-89	990	9500	200			1038.75				19	
Apr-89	12000	9500	200			4030.00				20	
Jul-89	12000	9500	200			7022.50				21	
Oct-89	100	9500	200			6272.50				22	
Jan-90	430	9500	200			6132.50				23	
Apr-90	5000	9500	200			4382.50				24	
Jul-90	8100	9500	200			3407.50				25	
Oct-90	5500	9500	200			4757.50				26	
Jan-91	100	9500	200			4675.00				27	
Apr-91	4300	9500	200			4500.00				28	
Jul-91	215	9500	200			2528.75				29	
Oct-91	50	9500	200			1166.25				30	
Jan-92	7720	9500	200			3071.25				31	
Apr-92	3920	9500	200			2976.25				32	
Jul-92	6100	9500	200			4447.50				33	
Oct-92	498	9500	200			4559.50				34	
Jan-93	4160	9500	200			3669.50				35	
Apr-93	7600	9500	200			4589.50				36	
Jul-93	1200	9500	200			3364.50				37	
Oct-93	3600	9500	200			4140.00				38	
Jan-94	14000	9500	200			6600.00				39	
Apr-94	1220	9500	200			5005.00				40	
Jul-94	1030	9500	200			4962.50				41	
Oct-94	3400	9500	200			4912.50				42	
Jan-95	508	9500	200			1539.50				43	
Apr-95	6600	9500	200			2884.50				44	
Jul-95	1745	9500	200			3063.25				45	
Oct-95	3800	9500	10			3163.25				46	
Apr-96	453	9500	10			1612.75				47	
Sep-96	2300	9500	10			1376.5	1376.5	09/17/96	semiannual	48	
Apr-97	110	9500	10			1205	1205	04/03/97	semiannual	49	
Aug-97	2780	9500	10			1445	1445	08/27/97	semiannual	50	
Mar-98	510	9500	20			1645	1645	03/24/98	semiannual	51	
Sep-98	5200	9500	20			2855	2855	09/22/98	semiannual	52	
May-99	709	9500	10			2954.5	2954.5	05/11/99	semiannual	53	
Oct-99	8440	9500	10			4574.5	4574.5	10/05/99	semiannual	54	
May-00	322	9500	10			4381	4381	05/16/00	semiannual	55	
Nov-00	3100	9500	5			1711	1711	11/28/00	semiannual	56	
Apr-01	270	9500	10			1685	1685	04/04/01	semiannual	57	
Oct-01	520	9500	10			395	395	10/18/01	semiannual	58	
Apr-02	280	9500	5			400	400	04/18/02	semiannual	59	
Oct-02	6600	9500	5			3440	3440	10/03/02	semiannual	60	
Apr-03	660	9500	5			3630	3630	04/25/03	semiannual	61	
Oct-03	1300	9500	10			980	980	10/03/03	semiannual	62	
Apr-04	510	9500	10			905	905	04/01/04	semiannual	63	
Oct-04	350	9500	10			430	430	10/19/04	semiannual	64	
Apr-05	470	9500	10			410	410	04/22/05	semiannual	65	
Oct-05	720	9500	10			595	595	10/07/05	semiannual	66	
May-06	353	9500	10			536.5	536.5	05/11/06	semiannual	67	
Oct-06	238	9500	10			295.5	295.5	10/18/06	semiannual	68	
May-07	262	9500	10			250	250	05/22/07	semiannual	69	
Oct-07	156	9500	10			209	209	10/25/07	semiannual	70	
May-08	355	9500	10			255.5	255.5	05/13/08	semiannual	71	
Oct-09	417	9500	10			386	386	05/14/08	semiannual	72	

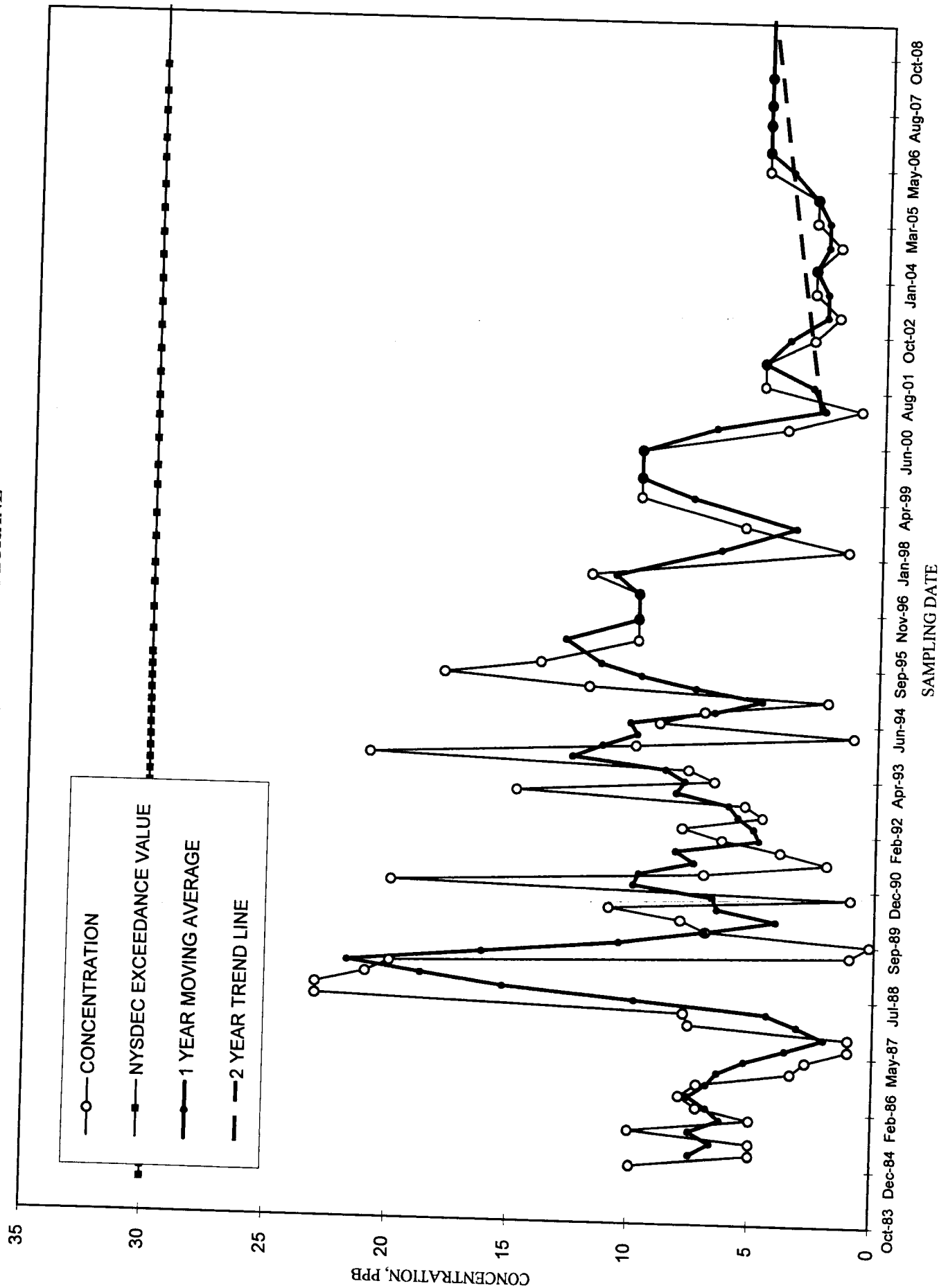
WELL VDM - 10 : ZINC				WELL VDM - 10 : ZINC			
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS		MOVING AVERAGE	SAMPLING EVENT NO.
Jul-84	1140	4000	300	TOTAL STD	2514.28746		1
Oct-84		4000	300	TOTAL Sx	300.51483		2
Jan-85	510	4000	300	TOTAL MEAN	2146.5493		3
Apr-85	200	4000	300	TOTAL N	71	616.7	4
Jul-85	180	4000	300	TOTAL df	70	296.7	5
Oct-85	700	4000	300			397.5	6
Jan-86	320	4000	300			350.0	7
Apr-86	2700	4000	300			975.0	8
Jul-86	1200	4000	300			1230.0	9
Oct-86	1900	4000	300			1530.0	10
Jan-87	6280	4000	300			3020.0	11
Apr-87		4000	300			3126.7	12
Jul-87	540	4000	300			2906.7	13
Oct-87	580	4000	300			2466.7	14
Jan-88	1000	4000	300			706.7	15
Apr-88	1000	4000	300			780.0	16
Jul-88	9200	4000	300			2945.0	17
Oct-88	7600	4000	300			4700.0	18
Jan-89	2800	4000	300			5150.0	19
Apr-89	3700	4000	300			5825.0	20
Jul-89	1300	4000	300			3850.0	21
Oct-89	2800	4000	300			2650.0	22
Jan-90	2300	4000	300			2525.0	23
Apr-90	1900	4000	300			2075.0	24
Jul-90	2600	4000	300			2400.0	25
Oct-90	1100	4000	300			1975.0	26
Jan-91	6600	4000	300			3050.0	27
Apr-91	3960	4000	300			3565.0	28
Jul-91	990	4000	300			3162.5	29
Oct-91	290	4000	300			2960.0	30
Jan-92	3240	4000	300			2120.0	31
Apr-92	9900	4000	300			3605.0	32
Jul-92	6700	4000	300			5032.5	33
Oct-92	517	4000	300			5089.3	34
Jan-93	6500	4000	300			5904.3	35
Apr-93	340	4000	300			3514.3	36
Jul-93	500	4000	300			1964.3	37
Oct-93	640	4000	300			1995.0	38
Jan-94	9900	4000	300			2845.0	39
Apr-94	1260	4000	300			3075.0	40
Jul-94	560	4000	300			3090.0	41
Oct-94	500	4000	300			3055.0	42
Jan-95	451	4000	300			692.8	43
Apr-95	1100	4000	300			652.8	44
Jul-95	426	4000	300			619.3	45
Oct-95	4500	4000	20			1619.3	46
Apr-96	762	4000	20			1612.50	47
Sep-96	2200	4000	20			1481	48
Apr-97	260	4000	20			1230	49
Aug-97	1790	4000	20			1025	50
Mar-98	280	4000	10			1035	51
Sep-98	4700	4000	50			2490	52
May-99	1710	4000	16			3205	53
Oct-99	4220	4000	16			2965	54
May-00	284	4000	16			2252	55
Nov-00	2700	4000	26			1492	56
Apr-01	490	4000	26			1595	57
Oct-01	980	4000	20			735	58
Apr-02	300	4000	20			640	59
Oct-02	8900	4000	200			4600	60
Apr-03	910	4000	200			4905	61
Oct-03	1300	4000	20			1105	62
Apr-04	510	4000	20			905	63
Oct-04	480	4000	20			495	64
Apr-05	550	4000	20			515	65
Oct-05	1200	4000	20			875	66
May-06	609	4000	20			904.5	67
Oct-06	374	4000	20			491.5	68
May-07	1040	4000	20			707	69
Oct-07	742	4000	20			891	70
May-08	1200	4000	20			971	71
Oct-08	1490	4000	20			1345	72

WELL VDM -10 : Total Iron							WELL VDM - 9 : TOTAL IRON		
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE			SAMPLING EVENT NO.	
-	-	-	-					-	
Apr-96				TOTAL STD	149738.015			1	
Sep-96	710000		50	TOTAL Sx	33482.438	710000		2	
Apr-97	190		50	TOTAL MEAN	44314.2857	355095		3	
Aug-97	5110		50	TOTAL N	21	2650		4	
Mar-98	2800		50	TOTAL df	20	3955		5	
May-99	14600		60			8700		6	
Oct-99	23600		60			19100		7	
May-00	2470		60			13035		8	
Nov-00	23400		50			12935		9	
Apr-01	440		50			11920		10	
Oct-01	3800		50			2120		11	
Apr-02	770		50			2285		12	
Oct-02	75200		50			37985		13	
Apr-03	7600		50			41400		14	
Oct-03	25900		50			16750		15	
Apr-04	3400		50			14650		15	
Oct-04	820		50			2110		15	
Apr-05	4800		50			2810		16	
Oct-05	10300		50			7550		17	
May-06	4830		50			7565		17	
Oct-06	2770		50			3800		18	
May-07	7800		50			5285		19	
Oct-07	2810		50			5305		19	
May-08	11400		50			7105		19	

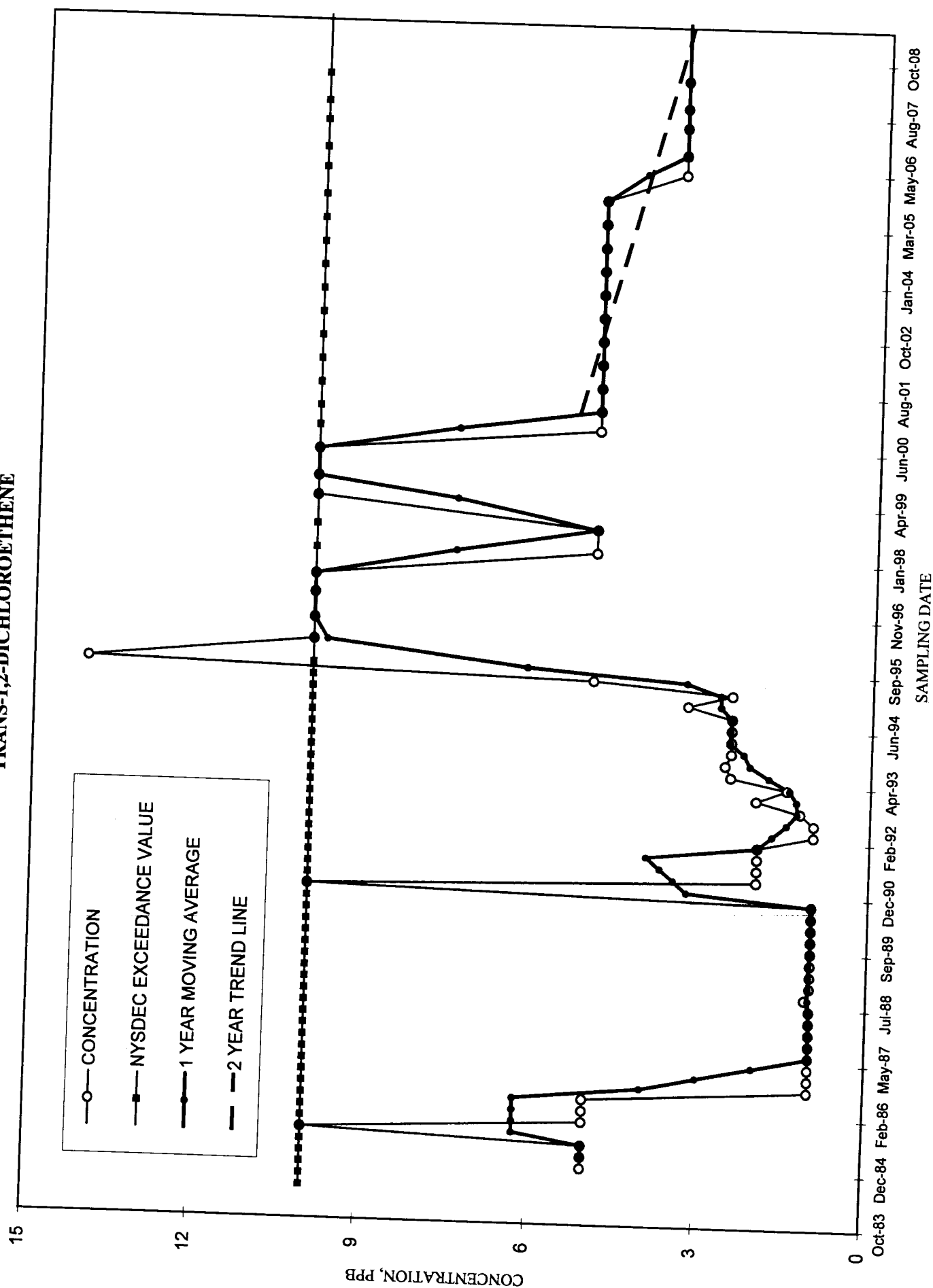
MOVING AVERAGE TREND TEST
VDM-10
CHLOROFORM



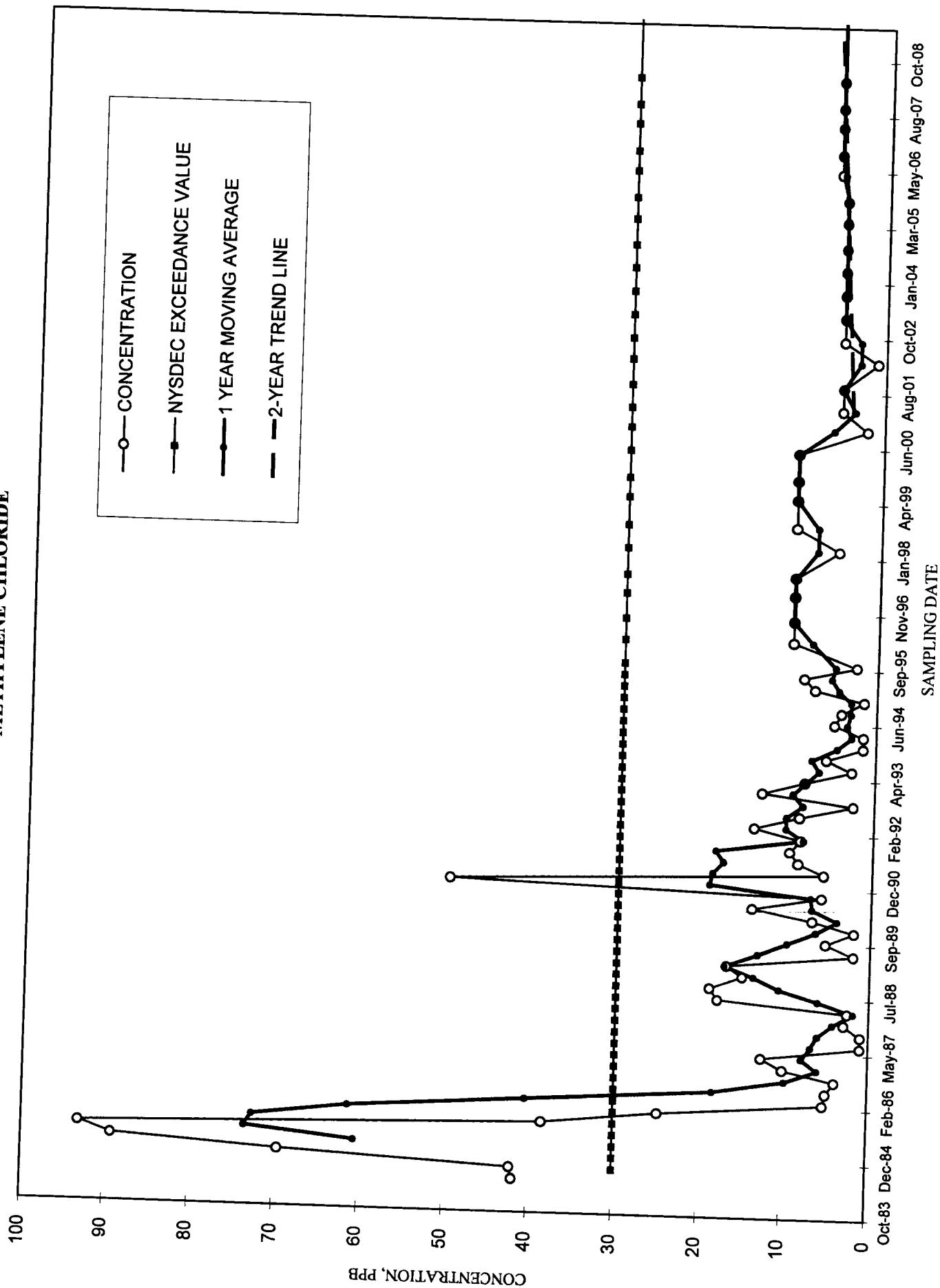
MOVING AVERAGE TREND TEST
VDM-10
1,2-DICHLOROETHANE



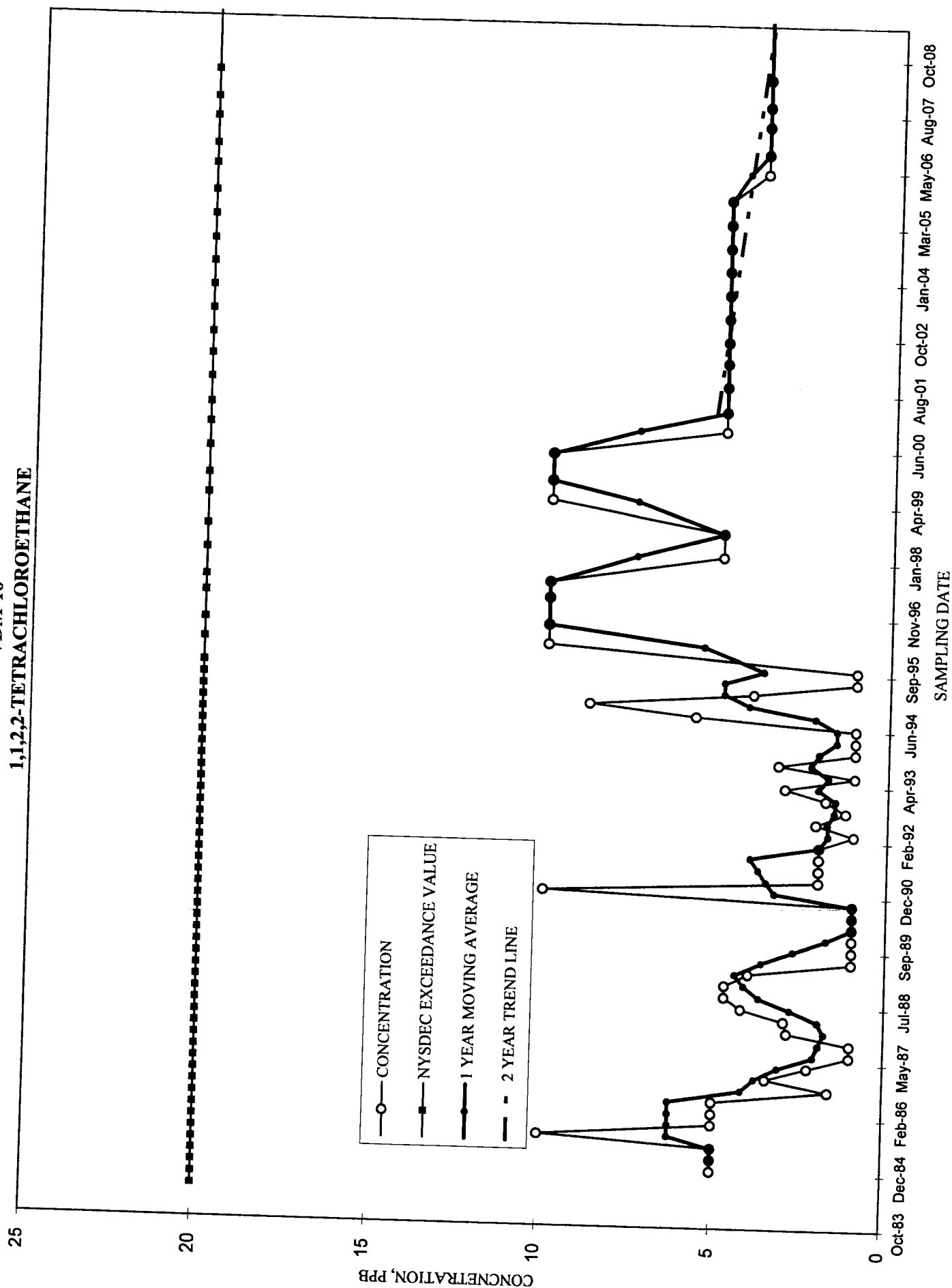
MOVING AVERAGE TREND TEST
VDM-10
TRANS-1,2-DICHLOROETHENE



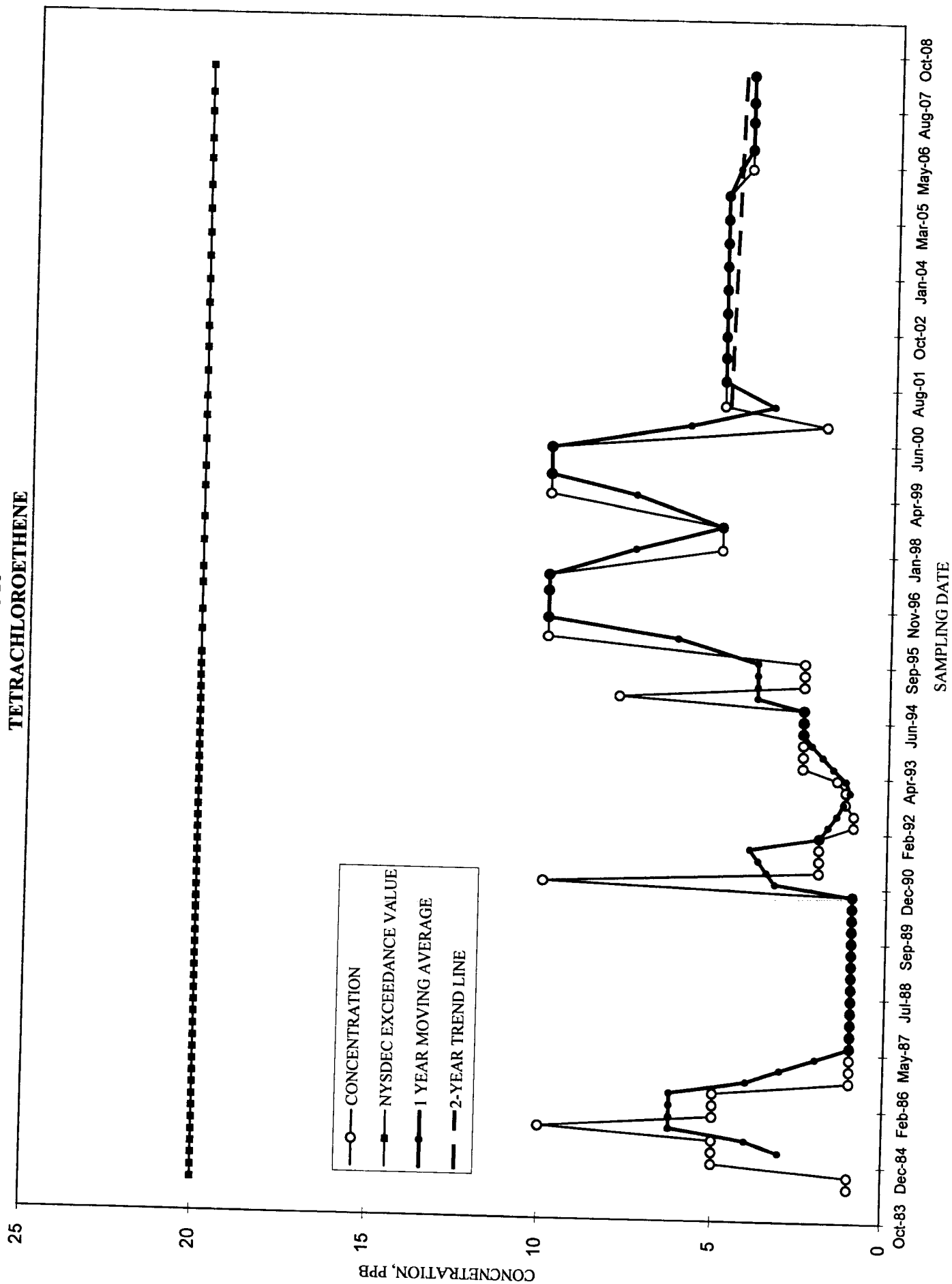
MOVING AVERAGE TREND TEST
VDM-10
METHYLENE CHLORIDE



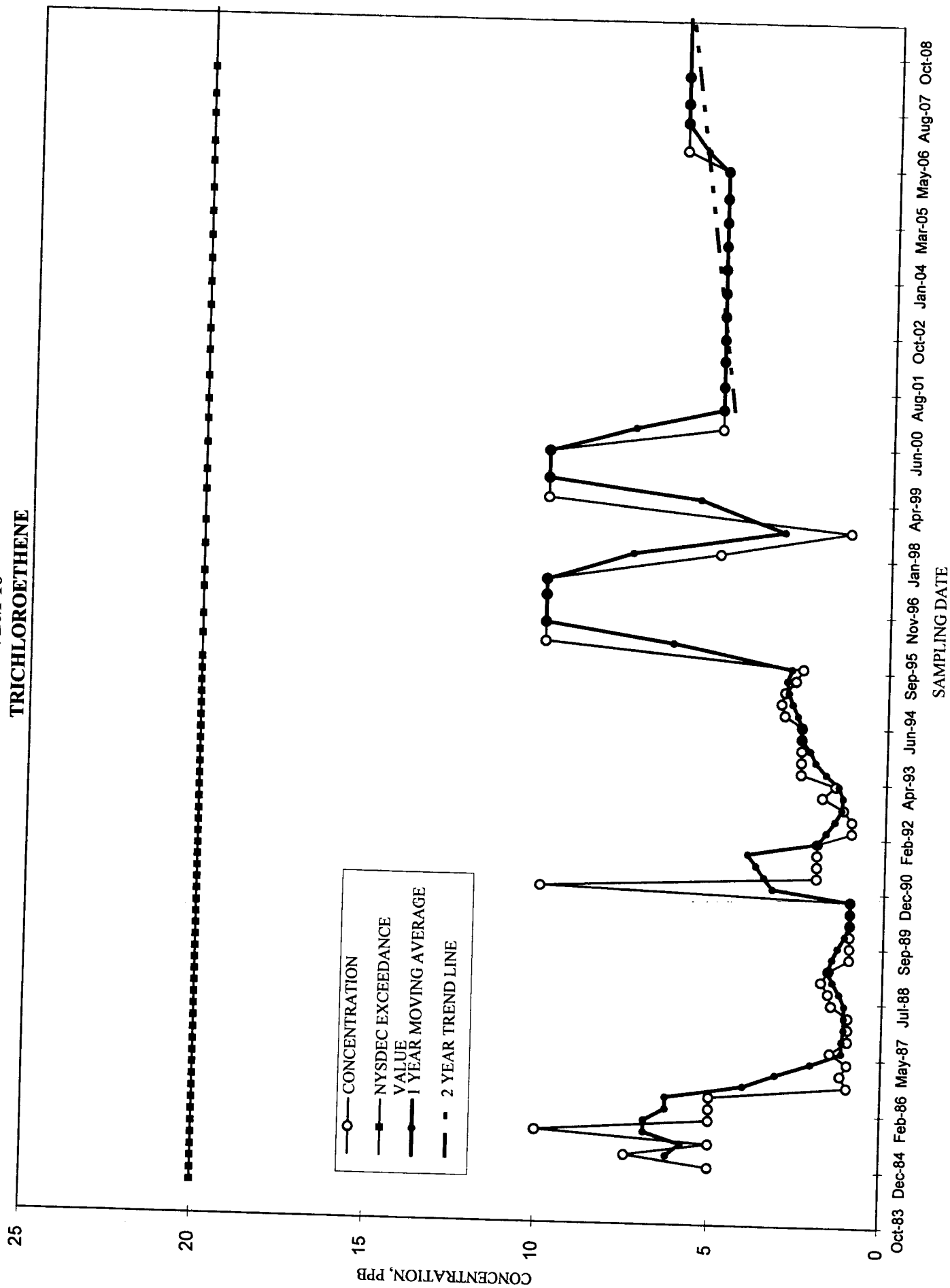
MOVING AVERAGE TREND TEST
VDM-10
1,1,2,2-TETRACHLOROETHANE



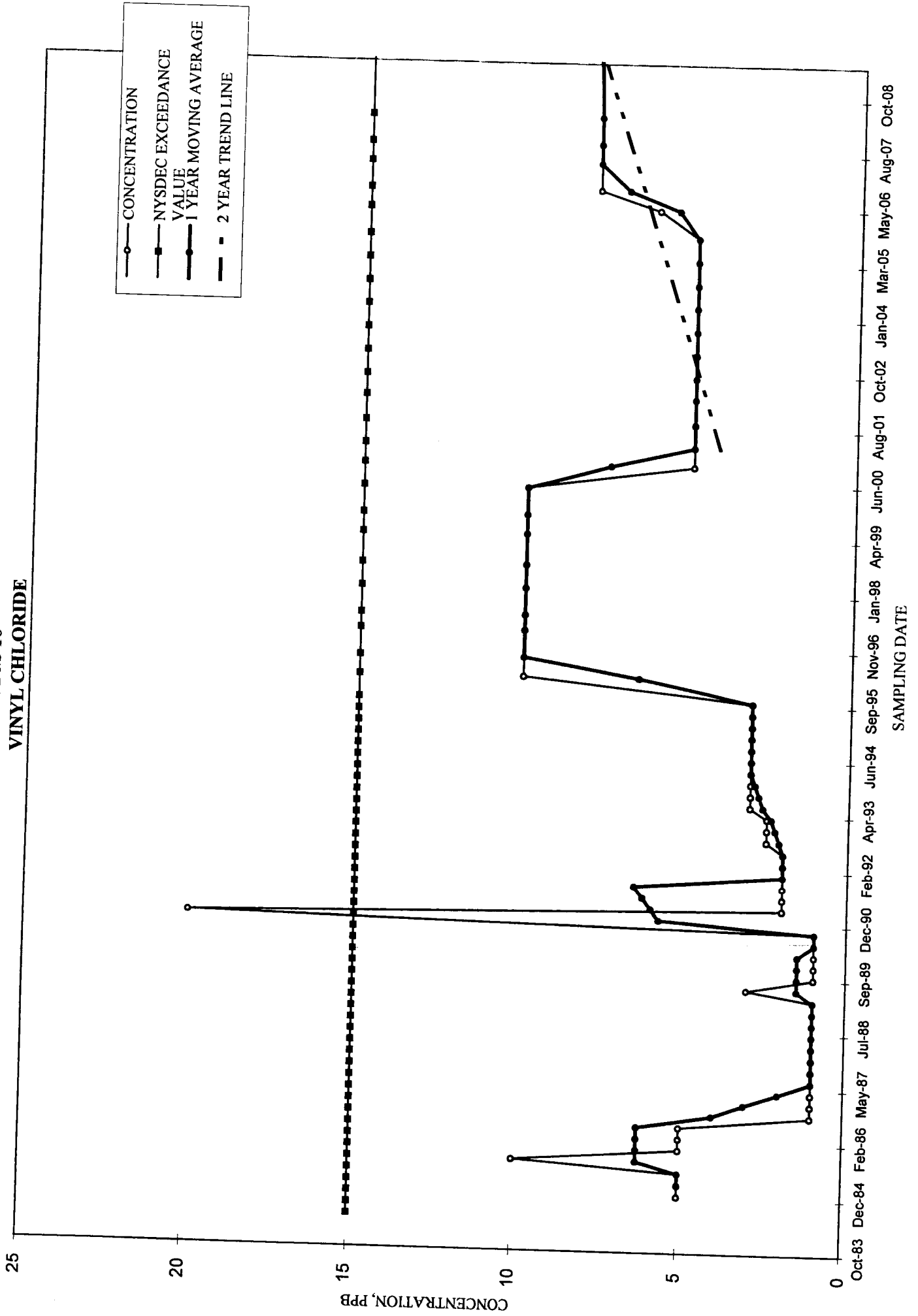
MOVING AVERAGE TREND TEST
VDM-10
TETRACHLOROETHENE



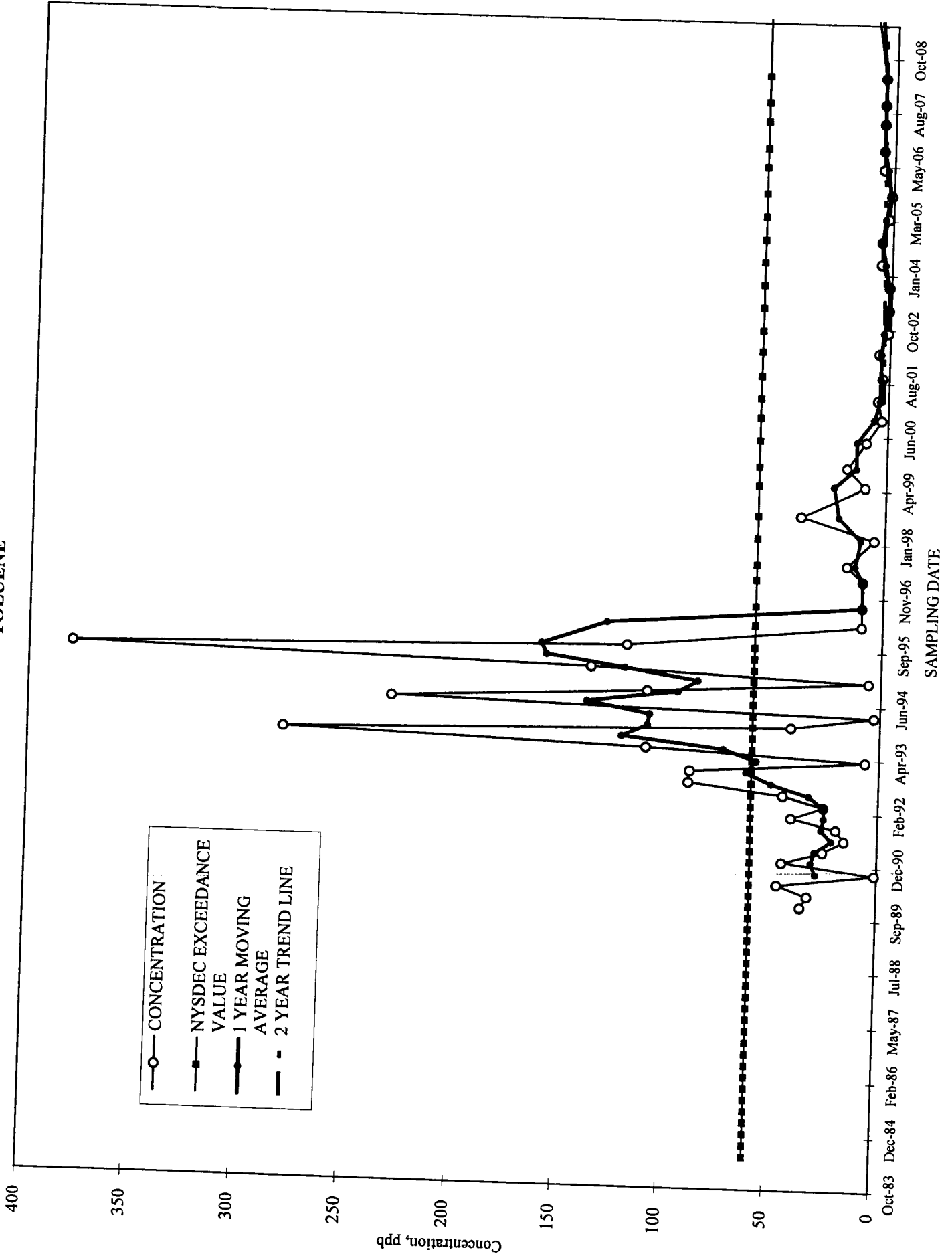
MOVING AVERAGE TREND TEST VDM-10 TRICHLOROETHENE

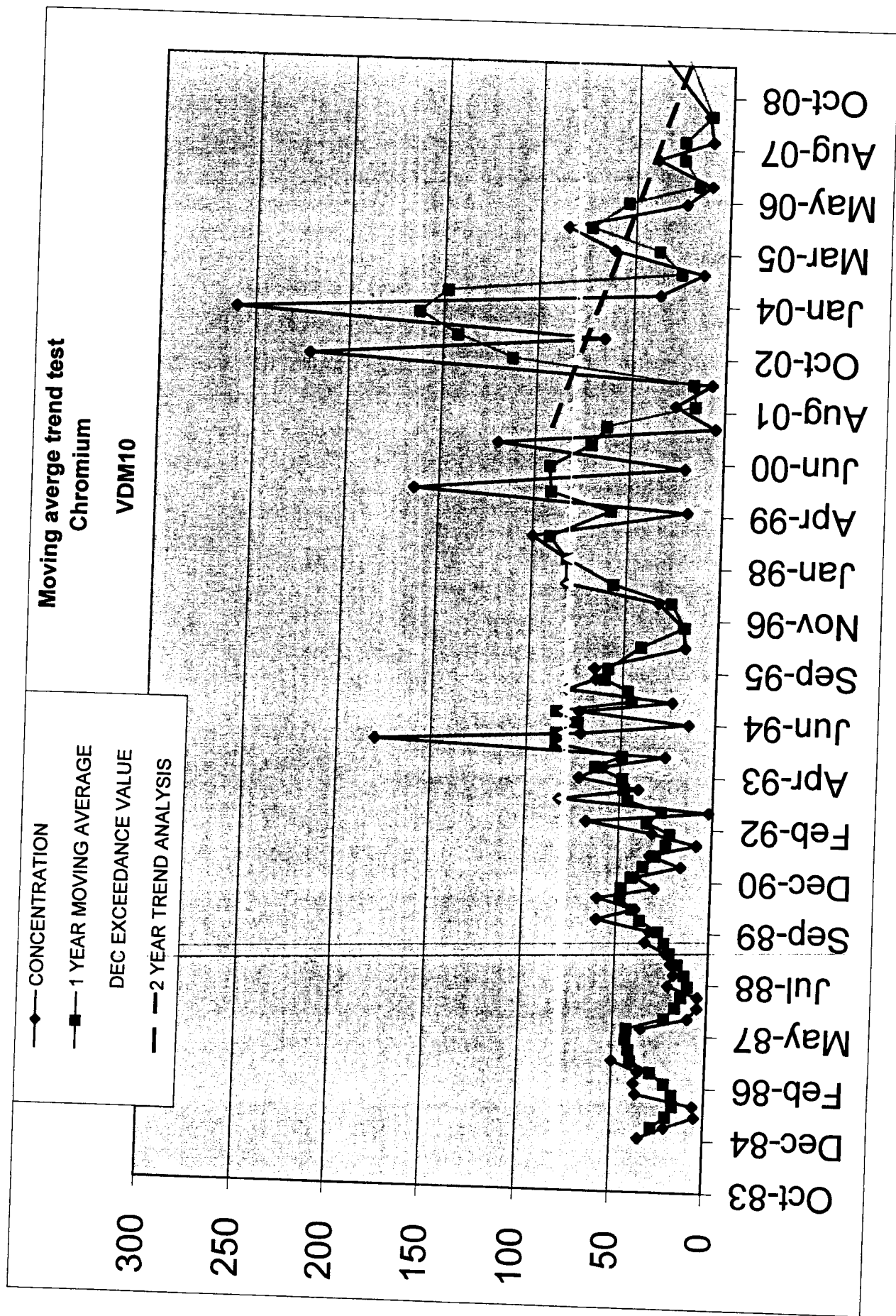


MOVING AVERAGE TREND TEST VDM-10 VINYL CHLORIDE

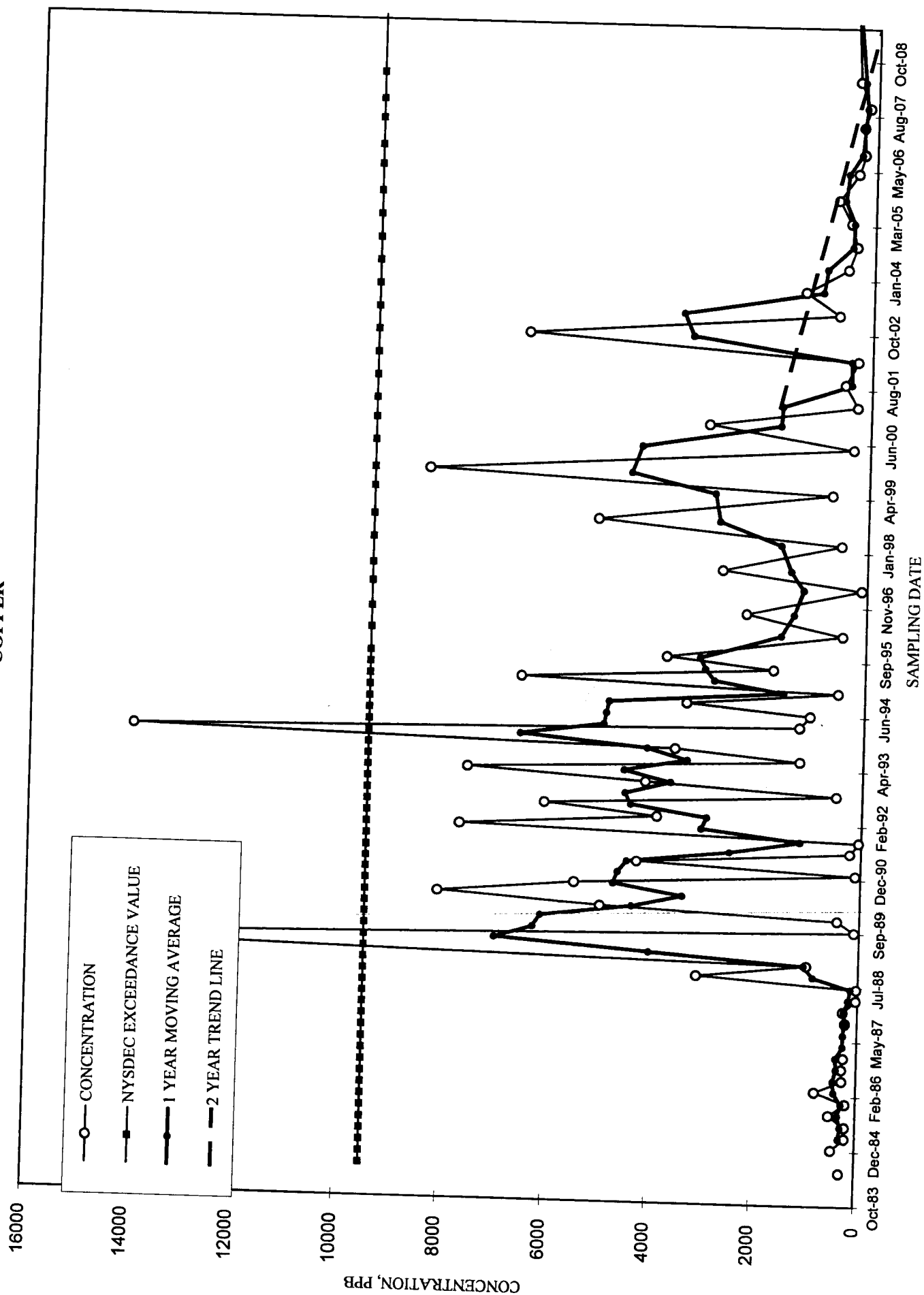


MOVING AVERAGE TREND TEST VDM-10 TOLUENE

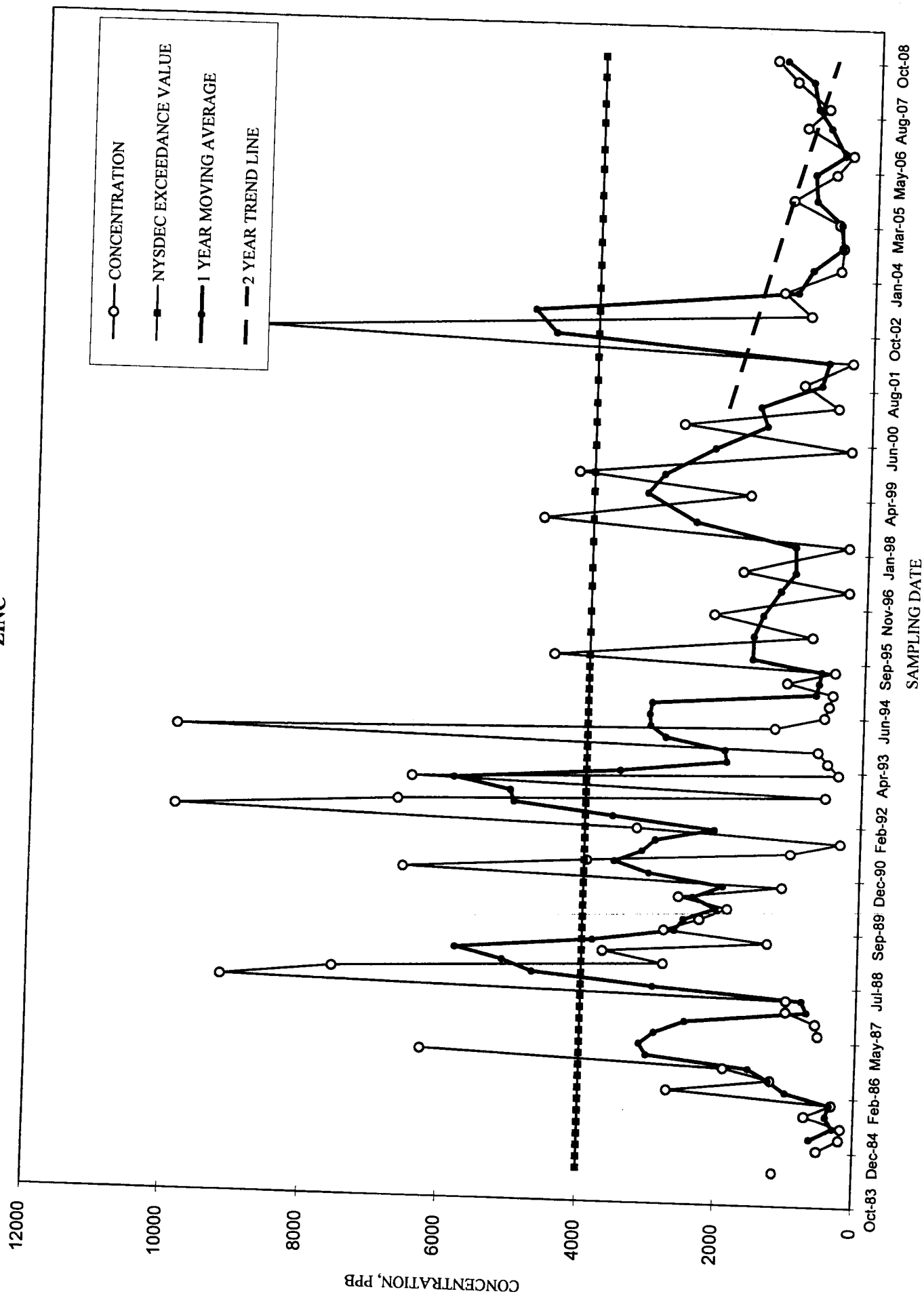




MOVING AVERAGE TREND TEST VDM-10 COPPER



MOVING AVERAGE TREND TEST VDM-10 ZINC



VDM – 11

WELL VDM - 11 : CHLOROFORM					WELL VDM - 101: CHLOROFORM				
SAMPLING EVENT NO.	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE			SAMPLING EVENT NO.	
Jan-87		200	8	TOTAL STD	30.9117			1	
Apr-87		200	8	TOTAL Sx	4.0244			2	
Jul-87	79.2	200	8	TOTAL MEAN	25.9480			3	
Oct-87	52.2	200	8	TOTAL N	60			4	
Jan-88	30.7	200	8	TOTAL df	59			5	
Apr-88	138	200	8		75.03			6	
Jul-88	123	200	8		85.98			7	
Oct-88	56	200	8		86.93			8	
Jan-89	23	200	8		85.00			9	
Apr-89	98	200	8		75.00			10	
Jul-89	52	200	8		57.25			11	
Oct-89	42	200	8		53.75			12	
Jan-90	32	200	8		56.00			13	
Apr-90	91	200	8		54.25			14	
Jul-90	15	200	8		45.00			15	
Oct-90	51	200	8		47.25			16	
Jan-91	74	200	8		57.75			17	
Apr-91	2	200	8		35.50			18	
Jul-91	7.4	200	8		33.60			19	
Oct-91	13	200	8		24.10			20	
Jan-92	26	200	8		12.10			21	
Apr-92	16	200	8		15.60			22	
Jul-92	1.25	200	8		14.06			23	
Oct-92	8.55	200	8		12.95			24	
Jan-93	14.3	200	8		10.03			25	
Apr-93	4	200	8		7.03			26	
Jul-93	1.58	200	8		7.11			27	
Oct-93	9.2	200	8		7.27			28	
Jan-94	13	200	8		6.95			29	
Apr-94	8.4	200	8		8.05			30	
Jul-94	71	200	8		25.40			31	
Oct-94	7.1	200	8		24.88			32	
Jan-95	12	200	8		24.63			33	
Apr-95	9.6	200	8		24.93			34	
Jul-95	6.8	200	8		8.88			35	
Oct-95	11	200	4		9.85			36	
Apr-96	10	200	10		9.45			37	
Sep-96	11	200	10		10.5	10.5	9/17/1996	38	semiannual
Apr-97	10	200	10		10.5	10.5	4/3/1997	39	semiannual
Aug-97	73	200	10		41.5	41.5	8/27/1997	40	semiannual
Mar-98	5	200	5		39	39	3/24/1998	41	semiannual
Sep-98	53	200	5		29	29	9/22/1998	42	semiannual
May-99	10	200	10		31.5	31.5	5/11/1999	43	semiannual
Oct-99	18	200	10		14	14	10/5/1999	44	semiannual
May-00	10	200	10		14	14	5/16/2000	45	semiannual
Nov-00	20	200	5		15	15	11/28/2000	46	semiannual
Apr-01	5	200	5		12.5	12.5	4/4/2001	47	semiannual
Oct-01	22	200	5		13.5	13.5	10/18/2001	48	semiannual
Apr-02	2	200	5		12	12	4/18/2002	49	semiannual
Oct-02	17	200	5		9.5	9.5	10/3/2002	50	semiannual
Apr-03	3	200	5		10	10	4/25/2003	51	semiannual
Oct-03	11	200	5		7	7	10/3/2003	52	semiannual
Apr-04	1	200	5		6	6	4/1/2004	53	semiannual
Oct-04	10	200	5		10.5	5.5	10/19/2004	54	semiannual
Apr-05	9	200	5		5	9.5	4/22/2005	55	semiannual
Oct-05	9	200	5		9.5	9	10/7/2005	56	semiannual
May-06	8.1	200	5		8.55	8.55	5/11/2006	57	semiannual
Oct-06	8.1	200	5		8.55	8.1	10/18/2006	58	semiannual
May-07	8.1	200	5		8.1	8.1	5/22/2007	59	semiannual
Oct-07	8.1	200	5		8.1	8.1	10/25/2007	60	semiannual
May-08	8.1	200	5		8.1	8.1	5/13/2008	61	semiannual
Oct-08	8.1	200	5		8.1	8.1	10/23/2008	62	semiannual

WELL VDM - 11 : 1,2-DICHLOROETHANE						WELL VDM - 11: 1,2-DICHLOROETHANE					
SAMPLING EVENT NO.	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.	
Jan-87		30	5	TOTAL STD	3.3174					1	
Apr-87		30	5	TOTAL Sx	0.4356					2	
Jul-87	5.5	30	5	TOTAL MEAN	4.2864					3	
Oct-87	5	30	5	TOTAL N	59					4	
Jan-88	5	30	5	TOTAL df	58					5	
Apr-88	6.9	30	5			5.60				6	
Jul-88	1	30	5			4.48				7	
Oct-88	3.5	30	5			4.10				8	
Jan-89	3.8	30	5			3.80				9	
Apr-89	7.1	30	5			3.85				10	
Jul-89	1	30	5			3.85				11	
Oct-89	1	30	5			3.23				12	
Jan-90	1	30	5			2.53				13	
Apr-90	4	30	5			1.75				14	
Jul-90	1	30	5			1.75				15	
Oct-90	10	30	5			4.00				16	
Jan-91	2	30	5			4.25				17	
Apr-91	2	30	5			3.75				18	
Jul-91	2	30	5			4.00				19	
Oct-91	2	30	5			2.00				20	
Jan-92	1	30	5			1.75				21	
Apr-92	1	30	5			1.50				22	
Jul-92	1.25	30	5			1.31				23	
Oct-92	1.25	30	5			1.13				24	
Jan-93	1.5	30	5			1.25				25	
Apr-93	1	30	5			1.25				26	
Jul-93	1.5	30	5			1.31				27	
Oct-93	1	30	5			1.25				28	
Jan-94	1	30	5			1.13				29	
Apr-94	1	30	5			1.13				30	
Jul-94	13	30	5			4.00				31	
Oct-94	1	30	5			4.00				32	
Jan-95	1	30	5			4.00				33	
Apr-95	1	30	5			4.00				34	
Jul-95	1	30	5			1.00				35	
Oct-95	1	30	1			1.00				36	
Apr-96	10	30	10			5.5				37	
Sep-96	10	30	10			10	10	9/17/1996	semiannual	38	
Apr-97	10	30	10			10	10	4/3/1997	semiannual	39	
Aug-97	10	30	10			10	10	8/27/1997	semiannual	40	
Mar-98	5	30	5			7.5	7.5	3/24/1998	semiannual	41	
Sep-98	2.6	30	5			3.8	3.8	9/22/1998	semiannual	42	
May-99	10	30	10			6.3	6.3	5/11/1999	semiannual	43	
Oct-99	10	30	10			10	10	10/5/1999	semiannual	44	
May-00	10	30	10			10	10	5/16/2000	semiannual	45	
Nov-00	5	30	5			7.5	7.5	11/28/2000	semiannual	46	
Apr-01	5	30	5			5	5	4/4/2001	semiannual	47	
Oct-01	1	30	5			3	3	10/18/2001	semiannual	48	
Apr-02	5	30	5			3	3	4/18/2002	semiannual	49	
Oct-02	5	30	5			5	5	10/3/2002	semiannual	50	
Apr-03	5	30	5			5	5	4/25/2003	semiannual	51	
Oct-03	11	30	5			8	8	10/3/2003	semiannual	52	
Apr-04	5	30	5			8	8	4/1/2004	semiannual	53	
Oct-04	5	30	5			8	8	10/19/2004	semiannual	54	
Apr-05	5	30	5			8	8	4/22/2005	semiannual	55	
Oct-05	5	30	5			8	8	10/7/2005	semiannual	56	
May-06	5	30	5			8	8	5/11/2006	semiannual	57	
Oct-06	5	30	5			8	8	10/18/2006	semiannual	58	
May-07	5	30	5			8	8	5/22/2007	semiannual	59	
May-08	5	30	5			5	5	5/13/2008	semiannual	60	
Oct-08	5	30	5			8	8	5/14/2008	semiannual	61	

WELL VDM - 11 : TRANS-1,2-DICHLOROETHENE						WELL VDM - 11: TRANS-1,2-DICHLOROETHENE					
SAMPLING EVENT NO.	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.	
Jan-87		10	5	TOTAL STD	15.1162					1	
Apr-87		10	5	TOTAL Sx	1.9680					2	
Jul-87	5	10	5	TOTAL MEAN	5.8700					3	
Oct-87	5	10	5	TOTAL N	60					4	
Jan-88	5	10	5	TOTAL df	59					5	
Apr-88	5	10	5							6	
Jul-88	1	10	5			5.00				7	
Oct-88	2.1	10	5			4.00				8	
Jan-89	1	10	5			3.28				9	
Apr-89	1	10	5			2.28				10	
Jul-89	1	10	5			1.28				11	
Oct-89	1.5	10	5			1.28				12	
Jan-90	1	10	5			1.13				13	
Apr-90	1	10	5			1.13				14	
Jul-90	1	10	5			1.13				15	
Oct-90	10	10	5			3.25				16	
Jan-91	2	10	5			3.50				17	
Apr-91	2	10	5			3.75				18	
Jul-91	2	10	5			4.00				19	
Oct-91	2	10	5			2.00				20	
Jan-92	1	10	5			1.75				21	
Apr-92	1	10	5			1.50				22	
Jul-92	1.25	10	5			1.31				23	
Oct-92	1.25	10	5			1.13				24	
Jan-93	1.5	10	5			1.25				25	
Apr-93	2.5	10	5			1.63				26	
Jul-93	1.5	10	5			1.69				27	
Oct-93	2.5	10	5			2.00				28	
Jan-94	2.5	10	5			2.25				29	
Apr-94	2.5	10	5			2.25				30	
Jul-94	120	10	5			31.88				31	
Oct-94	2.5	10	5			31.88				32	
Jan-95	2.6	10	5			31.90				33	
Apr-95	2.5	10	5			31.90				34	
Jul-95	2.5	10	5			2.53				35	
Oct-95	2.5	10	2.5			2.53				36	
Apr-96	10	10	10			6.25				37	
Sep-96	10	10	10			10	10	9/17/1996	semiannual	38	
Apr-97	10	10	10			10	10	4/3/1997	semiannual	39	
Aug-97	10	10	10			10	10	8/27/1997	semiannual	40	
Mar-98	5	10	5			7.5	7.5	3/24/1998	semiannual	41	
Sep-98	1.9	10	5			3.45	3.45	9/22/1998	semiannual	42	
May-99	10	10	10			5.95	5.95	5/11/1999	semiannual	43	
Oct-99	10	10	10			10	10	10/5/1999	semiannual	44	
May-00	10	10	10			10	10	5/16/2000	semiannual	45	
Nov-00	5	10	5			7.5	7.5	11/28/2000	semiannual	46	
Apr-01	5	10	5			5	5	4/4/2001	semiannual	47	
Oct-01	5	10	5			5	5	10/18/2001	semiannual	48	
Apr-02	5	10	5			5	5	4/18/2002	semiannual	49	
Oct-02	5	10	5			5	5	10/3/2002	semiannual	50	
Apr-03	5	10	5			5	5	4/25/2003	semiannual	51	
Oct-03	5	10	5			5	5	10/3/2003	semiannual	52	
Apr-04	5	10	5			5	5	4/1/2004	semiannual	53	
Oct-04	5	10	5			5	5	10/19/2004	semiannual	54	
Apr-05	5	10	5			5	5	4/22/2005	semiannual	55	
Oct-05	5	10	5			5	5	10/7/2005	semiannual	56	
May-06	3.6	10	5			4.3	4.3	5/11/2006	semiannual	57	
Oct-06	3.6	10	5			3.6	3.6	10/18/2006	semiannual	58	
May-07	3.6	10	5			3.6	3.6	5/22/2007	semiannual	59	
Oct-07	3.6	10	5			3.6	3.6	10/25/2007	semiannual	60	
May-08	3.6	10	5			3.6	3.6	5/13/2008	semiannual	61	
Oct-08	3.6	10	5			3.6	3.6	10/23/2008	semiannual	62	

WELL VDM - 11 : METHYLENE CHLORIDE						WELL VDM - 11: METHYLENE CHLORIDE					
SAMPLING EVENT NO.	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE				SAMPLING EVENT NO.		
Jan-87		30	5	TOTAL STD	21.8652				1		
Apr-87		30	5	TOTAL Sx	2.8466				2		
Jul-87	168	30	5	TOTAL MEAN	8.5465				3		
Oct-87	5	30	5	TOTAL N	60				4		
Jan-88	5	30	5	TOTAL df	59				5		
Apr-88	7.8	30	5			46.45			6		
Jul-88	18.3	30	5			9.03			7		
Oct-88	1	30	5			8.03			8		
Jan-89	1.7	30	5			7.20			9		
Apr-89	5.1	30	5			6.53			10		
Jul-89	2	30	5			2.45			11		
Oct-89	4.8	30	5			3.40			12		
Jan-90	1	30	5			3.23			13		
Apr-90	6	30	5			3.45			14		
Jul-90	1	30	5			3.20			15		
Oct-90	50	30	5			14.50			16		
Jan-91	2	30	5			14.75			17		
Apr-91	2	30	5			13.75			18		
Jul-91	2	30	5			14.00			19		
Oct-91	2.5	30	5			2.13			20		
Jan-92	3.4	30	5			2.48			21		
Apr-92	2	30	5			2.48			22		
Jul-92	2.5	30	5			2.60			23		
Oct-92	7.16	30	5			3.77			24		
Jan-93	3	30	5			3.67			25		
Apr-93	1.5	30	5			3.54			26		
Jul-93	4.43	30	5			4.02			27		
Oct-93	1.5	30	5			2.61			28		
Jan-94	1.5	30	5			2.23			29		
Apr-94	1.5	30	5			2.23			30		
Jul-94	21	30	5			6.38			31		
Oct-94	2.2	30	5			6.55			32		
Jan-95	1.5	30	5			6.55			33		
Apr-95	1.5	30	5			6.55			34		
Jul-95	3	30	5			2.05			35		
Oct-95	2.5	30	2.5			2.13			36		
Jan-96	10	30	10			6.375			37		
Apr-96	10	30	10			10	10	9/17/1996	38	semiannual	
Jul-96	10	30	10			10	10	4/3/1997	39	semiannual	
Oct-96	10	30	10			10	10	8/27/1997	40	semiannual	
Jan-97	10	30	10			7.5	7.5	3/24/1998	41	semiannual	
Apr-97	10	30	10			3.8	3.8	9/22/1998	42	semiannual	
Jul-97	10	30	10			6.3	6.3	5/11/1999	43	semiannual	
Oct-97	10	30	10			10	10	10/5/1999	44	semiannual	
Jan-98	10	30	10			10	10	5/16/2000	45	semiannual	
Apr-98	5	30	5			7.5	7.5	11/28/2000	46	semiannual	
Jul-98	5	30	5			5	5	4/4/2001	47	semiannual	
Oct-98	5	30	5			5	5	10/18/2001	48	semiannual	
Jan-99	5	30	5			5	5	4/18/2002	49	semiannual	
Apr-99	5	30	5			5	5	10/3/2002	50	semiannual	
Jul-99	5	30	5			5	5	4/25/2003	51	semiannual	
Oct-99	5	30	5			5	5	10/3/2003	52	semiannual	
Jan-00	5	30	5			5	5	4/1/2004	53	semiannual	
Apr-00	5	30	5			5	5	10/19/2004	54	semiannual	
Jul-00	5	30	5			5	5	4/22/2005	55	semiannual	
Oct-00	5	30	5			5	5	10/7/2005	56	semiannual	
Jan-01	5.8	30	5			5.4	5.4	5/11/2006	57	semiannual	
Apr-01	5.8	30	5			5.8	5.8	10/18/2006	58	semiannual	
Jul-01	5.8	30	5			5.8	5.8	5/22/2007	59	semiannual	
Oct-01	5.8	30	5			5.8	5.8	10/25/2007	60	semiannual	
Jan-02	5.8	30	5			5.8	5.8	5/13/2008	61	semiannual	
Apr-02	5.8	30	5			5.8	5.8	10/23/2008	62	semiannual	

WELL VDM - 11 : 1,1,2,2-TETRACHLOROETHANE					WELL VDM - 11: 1,1,2,2-TETRACHLOROETHANE				
SAMPLING EVENT NO	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE			SAMPLING EVENT NO.	
Jan-87		120	5	TOTAL STD	54.3372			1	
Apr-87		120	5	TOTAL Sx	7.1348			2	
Jul-87	5	120	5	TOTAL MEAN	20.8097			3	
Oct-87	5	120	5	TOTAL N	59			4	
Jan-88	37.2	120	5	TOTAL df	58			5	
Apr-88	115	120	5					6	
Jul-88	1	120	5		40.55			7	
Oct-88	390	120	5		39.55			8	
Jan-89	35	120	5		135.80			9	
Apr-89	97	120	5		135.25			10	
Jul-89	48	120	5		130.75			11	
Oct-89	100	120	5		142.50			12	
Jan-90	13	120	5		70.00			13	
Apr-90	37	120	5		64.50			14	
Jul-90	8	120	5		49.50			15	
Oct-90		120	5		39.50			16	
Jan-91	2.2	120	5		19.33			17	
Apr-91	2	120	5		15.73			18	
Jul-91	3.8	120	5		4.07			19	
Oct-91	4.6	120	5		2.67			20	
Jan-92	11	120	5		3.15			21	
Apr-92	10	120	5		5.35			22	
Jul-92	1.25	120	5		7.35			23	
Oct-92	2.4	120	5		6.71			24	
Jan-93	6.22	120	5		6.16			25	
Apr-93	1	120	5		4.97			26	
Jul-93	3	120	5		2.72			27	
Oct-93	3.1	120	5		3.16			28	
Jan-94	3.8	120	5		3.33			29	
Apr-94	8.5	120	5		2.73			30	
Jul-94	76	120	5		4.60			31	
Oct-94	2.9	120	5		22.85			32	
Jan-95	7.2	120	5		22.80			33	
Apr-95	3.5	120	5		23.65			34	
Jul-95	1.8	120	5		22.40			35	
Oct-95	3.9	120	1		3.85			36	
Apr-96	10	120	10		4.10			37	
Sep-96	10	120	10		6.425			38	
Apr-97	10	120	10		10	10	9/17/1996	semiannual	39
Aug-97	28	120	10		10	10	4/3/1997	semiannual	40
Mar-98	5	120	5		19	19	8/27/1997	semiannual	41
Sep-98	22	120	5		16.5	16.5	3/24/1998	semiannual	42
May-99	10	120	10		13.5	13.5	9/22/1998	semiannual	43
Oct-99	10	120	10		16	16	5/11/1999	semiannual	44
May-00	10	120	10		10	10	10/5/1999	semiannual	45
Nov-00	6	120	5		10	10	5/16/2000	semiannual	46
Apr-01	5	120	5		8	8	11/28/2000	semiannual	47
Oct-01	6	120	5		5.5	5.5	4/4/2001	semiannual	48
Apr-02	5	120	5		5.5	5.5	10/18/2001	semiannual	49
Oct-02	4	120	5		5.5	5.5	4/18/2002	semiannual	50
Apr-03	2	120	5		4.5	4.5	10/3/2002	semiannual	51
Oct-03	2	120	5		3	3	4/25/2003	semiannual	52
Apr-04	5	120	5		2	2	10/3/2003	semiannual	53
Oct-04	2	120	5		3.5	3.5	4/1/2004	semiannual	54
Apr-05	2	120	5		3.5	3.5	10/19/2004	semiannual	55
Oct-05	1	120	5		2	2	4/22/2005	semiannual	56
May-06	3.9	120	5		1.5	1.5	10/7/2005	semiannual	57
Oct-06	3.9	120	5		2.45	2.45	5/11/2006	semiannual	58
May-07	3.9	120	5		3.9	3.9	10/18/2006	semiannual	59
Oct-07	3.9	120	5		3.9	3.9	5/22/2007	semiannual	60
May-08	3.9	120	5		3.9	3.9	10/25/2007	semiannual	61
Oct-08	3.9	120	5		3.9	3.9	5/8/2008	semiannual	62
					3.9	3.9	10/23/2008	semiannual	

WELL VDM - 11 : TETRACHLOROETHENE				WELL VDM - 11: TETRACHLOROETHENE									
SAMPLING EVENT NO.	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.			
Jan-87		100	5	TOTAL STD	39.1892						1		
Apr-87		100	5	TOTAL Sx	5.1020						2		
Jul-87	71.6	100	5	TOTAL MEAN	26.0757						3		
Oct-87	182	100	5	TOTAL N	60						4		
Jan-88	32.3	100	5	TOTAL df	59						5		
Apr-88	127	100	5			103.23					6		
Jul-88	76.8	100	5			104.53					7		
Oct-88	1	100	5			59.28					8		
Jan-89	1	100	5			51.45					9		
Apr-89	1	100	5			19.95					10		
Jul-89	1	100	5			1.00					11		
Oct-89	1	100	5			1.00					12		
Jan-90	41	100	5			11.00					13		
Apr-90	65	100	5			27.00					14		
Jul-90	30	100	5			34.25					15		
Oct-90	130	100	5			66.50					16		
Jan-91	55	100	5			70.00					17		
Apr-91	13	100	5			57.00					18		
Jul-91	16	100	5			53.50					19		
Oct-91	2	100	5			21.50					20		
Jan-92	25	100	5			14.00					21		
Apr-92	16	100	5			14.75					22		
Jul-92	6.25	100	5			12.31					23		
Oct-92	7.58	100	5			13.71					24		
Jan-93	15.9	100	5			11.43					25		
Apr-93	2.5	100	5			8.06					26		
Jul-93	8.1	100	5			8.52					27		
Oct-93	7.5	100	5			8.50					28		
Jan-94	17	100	5			8.78					29		
Apr-94	22	100	5			13.65					30		
Jul-94	170	100	5			54.13					31		
Oct-94	6.9	100	5			53.98					32		
Jan-95	36	100	5			58.73					33		
Apr-95	21	100	5			58.48					34		
Jul-95	6.3	100	5			17.55					35		
Oct-95	14	100	2.5			19.33					36		
Apr-96	10	100	10			10.075					37		
Sep-96	10	100	10			10	10	9/17/1996	semiannual		38		
Apr-97	10	100	10			10	10	4/3/1997	semiannual		39		
Aug-97	87	100	10			48.5	48.5	8/27/1997	semiannual		40		
Mar-98	2.4	100	5			44.7	44.7	3/24/1998	semiannual		41		
Sep-98	38	100	5			20.2	20.2	9/22/1998	semiannual		42		
May-99	10	100	10			24	24	5/11/1999	semiannual		43		
Oct-99	16	100	10			13	13	10/5/1999	semiannual		44		
May-00	10	100	10			13	13	5/16/2000	semiannual		45		
Nov-00	14	100	5			12	12	11/28/2000	semiannual		46		
Apr-01	1	100	5			7.5	7.5	4/4/2001	semiannual		47		
Oct-01	13	100	5			7	7	10/18/2001	semiannual		48		
Apr-02	4	100	5			8.5	8.5	4/18/2002	semiannual		49		
Oct-02	10	100	5			7	7	10/3/2002	semiannual		50		
Apr-03	6	100	5			8	8	4/25/2003	semiannual		51		
Oct-03	8	100	5			7	7	10/3/2003	semiannual		52		
Apr-04	2	100	5			5	5	4/1/2004	semiannual		53		
Oct-04	7	100	5			4.5	4.5	10/19/2004	semiannual		54		
Apr-05	8	100	5			7.5	7.5	4/22/2005	semiannual		55		
Oct-05	8	100	5			8	8	10/7/2005	semiannual		56		
May-06	8.51	100	5			8.255	8.255	5/11/2006	semiannual		57		
Oct-06	23.6	100	5			16.055	16.055	10/18/2006	semiannual		58		
May-07	9.4	100	5			16.5	16.5	5/22/2007	semiannual		59		
Oct-07	10.1	100	5			9.75	9.75	10/25/2007	semiannual		60		
May-08	4.3	100	5			7.2	7.2	5/8/2008	semiannual		61		
Oct-08	5.5	100	5			4.9	4.9	10/23/2008	semiannual		62		

WELL VDM - 11 : TRICHLOROETHENE					WELL VDM - 11: TRICHLOROETHENE				
SAMPLING EVENT	CONCENTRATION	DEC EXCEEDANCE	DETECTION	STATISTICS	MOVING AVERAGE				SAMPLING EVENT NO.
NO	PPB	VALUE	LIMIT						
Jan-87		30	5	TOTAL STD	5.7139				1
Apr-87		30	5	TOTAL Sx	0.7439				2
Jul-87	6.8	30	5	TOTAL MEAN	5.4417				3
Oct-87	21.9	30	5	TOTAL N	60				4
Jan-88	6.5	30	5	TOTAL df	59				5
Apr-88	16.6	30	5			12.95			6
Jul-88	16.3	30	5			15.33			7
Oct-88	3.8	30	5			10.80			8
Jan-89	1.6	30	5			9.58			9
Apr-89	1	30	5			5.68			10
Jul-89	1	30	5			1.85			11
Oct-89	2.1	30	5			1.43			12
Jan-90	1	30	5			1.28			13
Apr-90	1	30	5			1.28			14
Jul-90	1	30	5			1.28			15
Oct-90	10	30	5			3.25			16
Jan-91	2	30	5			3.50			17
Apr-91	2	30	5			3.75			18
Jul-91	2	30	5			4.00			19
Oct-91	2	30	5			2.00			20
Jan-92	1.9	30	5			1.98			21
Apr-92	1.4	30	5			1.83			22
Jul-92	1.25	30	5			1.64			23
Oct-92	1.25	30	5			1.45			24
Jan-93	1.5	30	5			1.35			25
Apr-93	2.5	30	5			1.63			26
Jul-93	1.5	30	5			1.69			27
Oct-93	2.5	30	5			2.00			28
Jan-94	2.5	30	5			2.25			29
Apr-94	2.5	30	5			2.25			30
Jul-94	35	30	5			10.63			31
Oct-94	2.5	30	5			10.63			32
Jan-95	2.5	30	5			10.63			33
Apr-95	2.5	30	5			10.63			34
Jul-95	2.5	30	5			2.50			35
Oct-95	2.5	30	2.5			2.50			36
Apr-96	10	30	10			6.25			37
Sep-96	10	30	10			10	10	9/17/1996	38
Apr-97	10	30	10			10	10	4/3/1997	39
Aug-97	10	30	10			10	10	8/27/1997	40
Mar-98	5	30	5			7.5	7.5	3/24/1998	41
Sep-98	2.7	30	5			3.85	3.85	9/22/1998	42
May-99	10	30	10			6.35	6.35	5/11/1999	43
Oct-99	10	30	10			10	10	10/5/1999	44
May-00	10	30	10			10	10	5/16/2000	45
Nov-00	5	30	5			7.5	7.5	11/28/2000	46
Apr-01	5	30	5			5	5	4/4/2001	47
Oct-01	1	30	5			3	3	10/18/2001	48
Apr-02	5	30	5			3	3	4/18/2002	49
Oct-02	5	30	5			5	5	10/3/2002	50
Apr-03	5	30	5			5	5	4/25/2003	51
Oct-03	5	30	5			5	5	10/3/2003	52
Apr-04	5	30	5			5	5	4/1/2004	53
Oct-04	5	30	5			5	5	10/19/2004	54
Apr-05	5	30	5			5	5	4/22/2005	55
Oct-05	0.7	30	5			2.85	2.85	10/7/2005	56
May-06	6.2	30	5			3.45	3.45	5/11/2006	57
Oct-06	6.2	30	5			6.2	6.2	10/18/2006	58
May-07	6.2	30	5			6.2	6.2	5/22/2007	59
Oct-07	6.2	30	5			6.2	6.2	10/25/2007	60
May-08	6.2	30	5			6.2	6.2	5/13/2008	61
Oct-08	6.2	30	5			6.2	6.2	10/23/2008	62

WELL VDM - 11: VINYL CHLORIDE					WELL VDM - 11: VINYL CHLORIDE				
SAMPLING EVENT NO.	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE			SAMPLING EVENT NO.	
Jan-87		15	2	TOTAL STD	3.5467			1	
Apr-87		15	2	TOTAL Sx	0.4617			2	
Jul-87	5	15	2	TOTAL MEAN	4.9333			3	
Oct-87	5	15	2	TOTAL N	60			4	
Jan-88	5	15	2	TOTAL df	59			5	
Apr-88	5	15	2		5.00			6	
Jul-88	1	15	2		4.00			7	
Oct-88	1	15	2		3.00			8	
Jan-89	1	15	2		2.00			9	
Apr-89	1	15	2		1.00			10	
Jul-89	3	15	2		1.50			11	
Oct-89	1	15	2		1.50			12	
Jan-90	1	15	2		1.50			13	
Apr-90	1	15	2		1.50			14	
Jul-90	1	15	2		1.00			15	
Oct-90	20	15	2		5.75			16	
Jan-91	2	15	2		6.00			17	
Apr-91	2	15	2		6.25			18	
Jul-91	2	15	2		6.50			19	
Oct-91	2	15	2		2.00			20	
Jan-92	2	15	2		2.00			21	
Apr-92	2	15	2		2.00			22	
Jul-92	2.5	15	2		2.13			23	
Oct-92	2.5	15	2		2.25			24	
Jan-93	2.5	15	2		2.38			25	
Apr-93	3	15	2		2.63			26	
Jul-93	2.5	15	2		2.63			27	
Oct-93	3	15	2		2.75			28	
Jan-94	3	15	2		2.88			29	
Apr-94	3	15	2		2.88			30	
Jul-94	3	15	2		3.00			31	
Oct-94	3	15	2		3.00			32	
Jan-95	3	15	2		3.00			33	
Apr-95	3	15	2		3.00			34	
Jul-95	3	15	2		3.00			35	
Oct-95	3	15	3		3.00			36	
Apr-96	10	15	10		6.5			37	
Sep-96	10	15	10		10	10	9/17/1996	38	semiannual
Apr-97	10	15	10		10	10	4/3/1997	39	semiannual
Aug-97	10	15	10		10	10	8/27/1997	40	semiannual
Mar-98	10	15	10		10	10	3/24/1998	41	semiannual
Sep-98	10	15	10		10	10	9/22/1998	42	semiannual
May-99	10	15	10		10	10	5/11/1999	43	semiannual
Oct-99	10	15	10		10	10	10/5/1999	44	semiannual
May-00	10	15	10		10	10	5/16/2000	45	semiannual
Nov-00	5	15	5		7.5	7.5	11/28/2000	46	semiannual
Apr-01	5	15	5		5	5	4/4/2001	47	semiannual
Oct-01	5	15	5		5	5	10/18/2001	48	semiannual
Apr-02	5	15	5		5	5	4/18/2002	49	semiannual
Oct-02	5	15	5		5	5	10/3/2002	50	semiannual
Apr-03	5	15	5		5	5	4/25/2003	51	semiannual
Oct-03	5	15	5		5	5	10/3/2003	52	semiannual
Apr-04	5	15	5		5	5	4/1/2004	53	semiannual
Oct-04	5	15	5		5	5	10/19/2004	54	semiannual
Apr-05	5	15	5		5	5	4/22/2005	55	semiannual
Oct-05	5	15	5		5	5	10/7/2005	56	semiannual
May-06	8	15	5		6.5	6.5	5/11/2006	57	semiannual
Oct-06	8	15	5		8	8	10/18/2006	58	semiannual
May-07	8	15	5		8	8	5/22/2007	59	semiannual
Oct-07	8	15	5		8	8	10/25/2007	60	semiannual
May-08	8	15	5		8	8	5/13/2008	61	semiannual
Oct-08	8	15	5		8	8	10/23/2008	62	semiannual

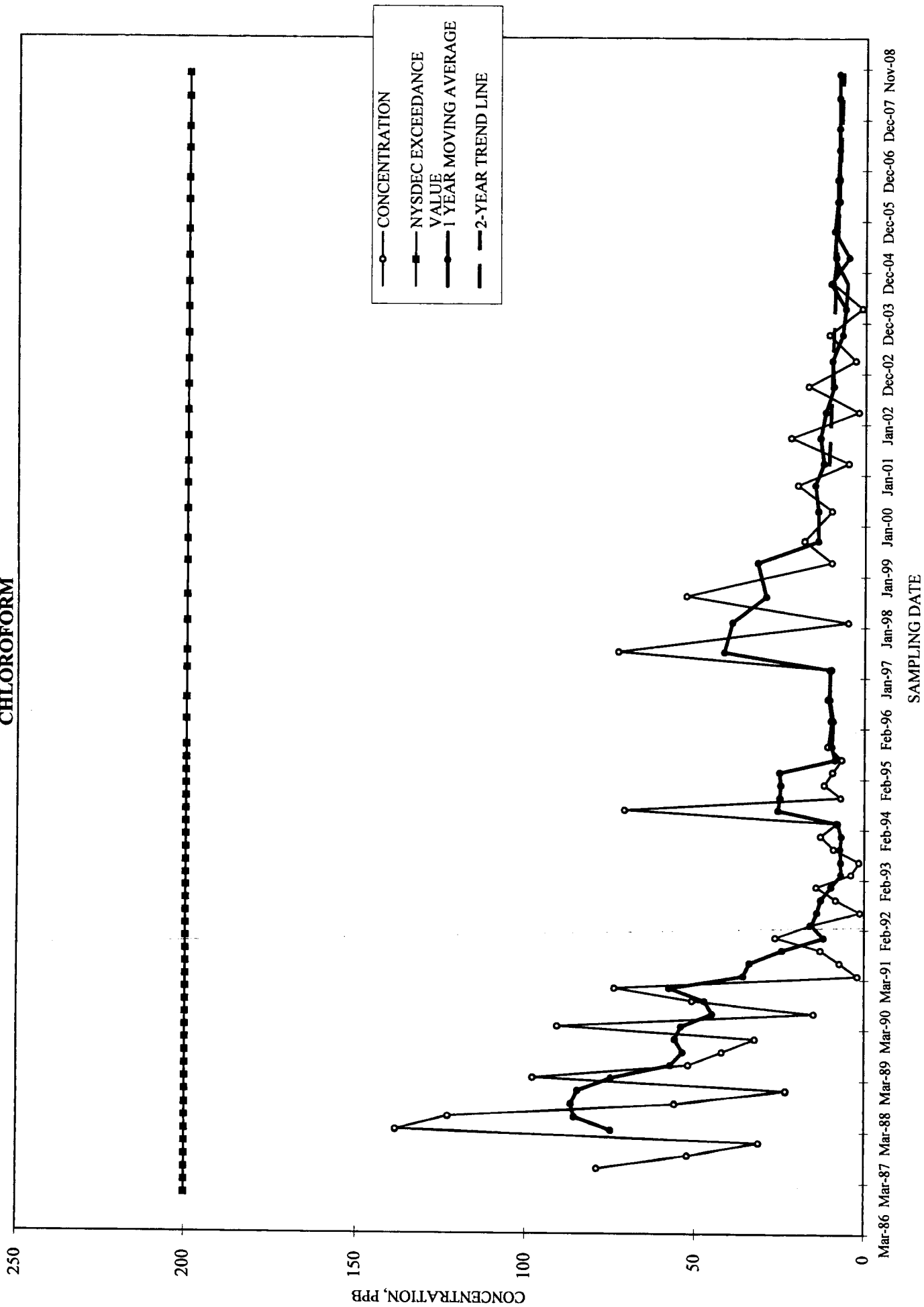
WELL VDM - 11 : TOLUENE						WELL VDM - 11: TOLUENE					
SAMPLING EVENT NO	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.	
Jan-87		20	5	TOTAL STD	2.8458					1	
Apr-87		20	5	TOTAL Sx	0.4065					2	
Jul-87		20	5	TOTAL MEAN	4.1500					3	
Oct-87		20	5	TOTAL N	50					4	
Jan-88		20	5	TOTAL df	49					5	
Apr-88		20	5							6	
Jul-88		20	5							7	
Oct-88		20	5							8	
Jan-89		20	5							9	
Apr-89		20	5							10	
Jul-89		20	5							11	
Oct-89		20	5							12	
Jan-90	1	20	5							13	
Apr-90	1	20	5							14	
Jul-90	1	20	5							15	
Oct-90	1	20	5		1.00					16	
Jan-91	2	20	5		1.25					17	
Apr-91	2	20	5		1.50					18	
Jul-91	2	20	5		1.75					19	
Oct-91	2	20	5		2.00					20	
Jan-92	1	20	5		1.75					21	
Apr-92	1	20	5		1.50					22	
Jul-92	1.25	20	5		1.31					23	
Oct-92	1.25	20	5		1.13					24	
Jan-93	1.5	20	5		1.25					25	
Apr-93	2	20	5		1.50					26	
Jul-93	1.5	20	5		1.56					27	
Oct-93	2	20	5		1.75					28	
Jan-94	2	20	5		1.88					29	
Apr-94	2	20	5		1.88					30	
Jul-94	5.6	20	5		2.90					31	
Oct-94	2	20	5		2.90					32	
Jan-95	2	20	5		2.90					33	
Apr-95	2	20	5		2.90					34	
Jul-95	2	20	5		2.00					35	
Oct-95	2	20	2		2.00					36	
Apr-96	10	20	10		6					37	
Sep-96	10	20	10		10	10	9/17/1996	semiannual		38	
Apr-97	10	20	10		10	10	4/3/1997	semiannual		39	
Aug-97	10	20	10		10	10	8/27/1997	semiannual		40	
Mar-98	5	20	5		7.5	7.5	3/24/1998	semiannual		41	
Sep-98	5	20	5		5	5	9/22/1998	semiannual		42	
May-99	10	20	10		7.5	7.5	5/11/1999	semiannual		43	
Oct-99	10	20	10		10	10	10/5/1999	semiannual		44	
May-00	10	20	10		10	10	5/16/2000	semiannual		45	
Nov-00	5	20	5		7.5	7.5	11/28/2000	semiannual		46	
Apr-01	5	20	5		5	5	4/4/2001	semiannual		47	
Oct-01	5	20	5		5	5	10/18/2001	semiannual		48	
Apr-02	5	20	5		5	5	4/18/2002	semiannual		49	
Oct-02	5	20	5		5	5	10/3/2002	semiannual		50	
Apr-03	5	20	5		5	5	4/25/2003	semiannual		51	
Oct-03	5	20	5		5	5	10/3/2003	semiannual		52	
Apr-04	5	20	5		5	5	4/1/2004	semiannual		53	
Oct-04	5	20	5		5	5	10/19/2004	semiannual		54	
Apr-05	5	20	5		5	5	4/22/2005	semiannual		55	
Oct-05	5	20	5		5	5	10/7/2005	semiannual		56	
May-06	4.9	20	5		4.95	4.95	5/11/2006	semiannual		57	
Oct-06	4.9	20	5		4.9	4.9	10/18/2006	semiannual		58	
May-07	4.9	20	5		4.9	4.9	5/22/2007	semiannual		59	
Oct-07	4.9	20	5		4.9	4.9	10/25/2007	semiannual		60	
May-08	4.9	20	5		4.9	4.9	5/13/2008	semiannual		61	
Oct-08	4.9	20	5		4.9	4.9	10/23/2008	semiannual		62	

WELL VDM - 11 : CHROMIUM					WELL VDM - 11: CHROMIUM				
SAMPLING EVENT NO	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE				SAMPLING EVENT NO
Jan-87	190	60	50	TOTAL STD	68.8871				1
Apr-87		60	50	TOTAL Sx	8.8933				2
Jul-87	500	60	50	TOTAL MEAN	37.6377				3
Oct-87	6	60	50	TOTAL N	61	232.00			4
Jan-88	123	60	50	TOTAL df	60	209.67			5
Apr-88	130	60	50			189.75			6
Jul-88	50	60	50			77.25			7
Oct-88	14	60	50			79.25			8
Jan-89	48	60	50			60.50			9
Apr-89	53	60	50			41.25			10
Jul-89	36	60	50			37.75			11
Oct-89	19	60	50			39.00			12
Jan-90	30	60	50			34.50			13
Apr-90	30	60	50			28.75			14
Jul-90	30	60	50			27.25			15
Oct-90	30	60	50			30.00			16
Jan-91	9	60	50			24.75			17
Apr-91	32	60	50			25.25			18
Jul-91	13	60	50			21.00			19
Oct-91	12	60	50			16.50			20
Jan-92	46	60	50			25.75			21
Apr-92	24	60	50			23.75			22
Jul-92	10.2	60	50			23.05			23
Oct-92	10	60	50			22.55			24
Jan-93	6.9	60	50			12.78			25
Apr-93	15	60	50			10.53			26
Jul-93	60	60	50			22.98			27
Oct-93	2	60	50			20.98			28
Jan-94	14	60	50			22.75			29
Apr-94	12	60	50			22.00			30
Jul-94	4	60	50			8.00			31
Oct-94	24	60	50			13.50			32
Jan-95	14	60	50			13.50			33
Apr-95	11	60	50			13.25			34
Jul-95	10	60	50			14.75			35
Oct-95	8	60	2			10.75			36
Apr-96	5	60	5			7			37
Sep-96	5	60	5		5	5	9/17/1996	semiannual	38
Apr-97	13	60	20		9	9	4/3/1997	semiannual	39
Aug-97	10	60	5		11.5	11.5	8/27/1997	semiannual	40
Mar-98	10	60	10		10	10	3/24/1998	semiannual	41
Sep-98	10	60	10		10	10	9/22/1998	semiannual	42
May-99	10	60	10		10	10	5/11/1999	semiannual	43
Oct-99	79	60	14		44.5	44.5	10/5/1999	semiannual	44
May-00	45	60	20		62	62	5/16/2000	semiannual	45
Nov-00	82	60	2		63.5	63.5	11/28/2000	semiannual	46
Apr-01	8.2	60	2		45.1	45.1	4/4/2001	semiannual	47
Oct-01	28	60	2		18.1	18.1	10/18/2001	semiannual	48
Apr-02	4.6	60	2		16.3	16.3	4/18/2002	semiannual	49
Oct-02	56	60	2		30.3	30.3	10/3/2002	semiannual	50
Apr-03	98	60	2		77	77	4/25/2003	semiannual	51
Oct-03	37	60	4		67.5	67.5	10/3/2003	semiannual	52
Apr-04	5	60	4		21	21	4/1/2004	semiannual	53
Oct-04	4	60	4		4.5	4.5	10/19/2004	semiannual	54
Apr-05	12	60	4		8	8	4/22/2005	semiannual	55
Oct-05	39	60	4		25.5	25.5	10/7/2005	semiannual	56
May-06	20	60	4		29.5	29.5	5/11/2006	semiannual	57
Oct-06	10	60	4		15	15	10/18/2006	semiannual	58
May-07	10	60	4		10	10	5/22/2007	semiannual	59
Oct-07	10	60	4		10	10	10/25/2007	semiannual	60
May-08	17	60	4		13.5	13.5	5/13/2008	semiannual	61
Oct-08	42	60	4		29.5	29.5	10/23/2008	semiannual	62

WELL VDM - 11 : COPPER						WELL VDM - 11: COPPER					
SAMPLING EVENT NO.	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.	
Jan-87	510	4000	200	TOTAL STD	755.0524					1	
Apr-87		4000	200	TOTAL Sx	97.4768					2	
Jul-87	1090	4000	200	TOTAL MEAN	539.5607					3	
Oct-87	550	4000	200	TOTAL N	61	716.67				4	
Jan-88	1150	4000	200	TOTAL df	60	930.00				5	
Apr-88	2880	4000	200			1417.50				6	
Jul-88	1570	4000	200			1537.50				7	
Oct-88	1500	4000	200			1775.00				8	
Jan-89	3200	4000	200			2287.50				9	
Apr-89	2700	4000	200			2242.50				10	
Jul-89	1100	4000	200			2125.00				11	
Oct-89	820	4000	200			1955.00				12	
Jan-90	1600	4000	200			1555.00				13	
Apr-90	1600	4000	200			1280.00				14	
Jul-90	600	4000	200			1155.00				15	
Oct-90	1800	4000	200			1400.00				16	
Jan-91	19	4000	200			1004.75				17	
Apr-91	21	4000	200			610.00				18	
Jul-91	90	4000	200			482.50				19	
Oct-91	130	4000	200			65.00				20	
Jan-92	310	4000	200			137.75				21	
Apr-92	600	4000	200			282.50				22	
Jul-92	35.5	4000	200			268.88				23	
Oct-92	66.7	4000	200			253.05				24	
Jan-93	150	4000	200			213.05				25	
Apr-93	10	4000	200			65.55				26	
Jul-93	20	4000	200			61.68				27	
Oct-93	5	4000	200			46.25				28	
Jan-94	80	4000	200			28.75				29	
Apr-94	31	4000	200			34.00				30	
Jul-94	68	4000	200			46.00				31	
Oct-94	40	4000	200			54.75				32	
Jan-95	15	4000	200			38.50				33	
Apr-95	50	4000	200			43.25				34	
Jul-95	30	4000	200			33.75				35	
Oct-95	41	4000	10			34.00				36	
Apr-96	48	4000	10			41.75				37	
Sep-96	30	4000	30			39	39	9/17/1996	semiannual	38	
Apr-97	390	4000	10			210	210	4/3/1997	semiannual	39	
Aug-97	1370	4000	10			880	880	8/27/1997	semiannual	40	
Mar-98	20	4000	20			695	695	3/24/1998	semiannual	41	
Sep-98	1900	4000	20			960	960	9/22/1998	semiannual	42	
May-99	10	4000	10			955	955	5/11/1999	semiannual	43	
Oct-99	744	4000	10			377	377	10/5/1999	semiannual	44	
May-00	56	4000	10			400	400	5/16/2000	semiannual	45	
Nov-00	450	4000	5			253	253	11/28/2000	semiannual	46	
Apr-01	28	4000	10			239	239	4/4/2001	semiannual	47	
Oct-01	820	4000	10			424	424	10/18/2001	semiannual	48	
Apr-02	57	4000	5			438.5	438.5	4/18/2002	semiannual	49	
Oct-02	490	4000	5			273.5	273.5	10/3/2002	semiannual	50	
Apr-03	320	4000	5			405	405	4/25/2003	semiannual	51	
Oct-03	280	4000	10			300	300	10/3/2003	semiannual	52	
Apr-04	27	4000	10			153.5	153.5	4/1/2004	semiannual	53	
Oct-04	170	4000	10			98.5	98.5	10/19/2004	semiannual	54	
Apr-05	64	4000	10			117	117	4/22/2005	semiannual	55	
Oct-05	230	4000	10			147	147	10/7/2005	semiannual	56	
May-06	85	4000	10			157.5	157.5	5/11/2006	semiannual	57	
Oct-06	120	4000	10			102.5	102.5	10/18/2006	semiannual	58	
May-07	51	4000	10			85.5	85.5	5/22/2007	semiannual	59	
Oct-07	91	4000	10			71	71	10/25/2007	semiannual	60	
May-08	245	4000	10			168	168	5/13/2008	semiannual	61	
Oct-08	335	4000	10			290	290	10/23/2008	semiannual	62	

WELL VDM - 11 : ZINC						WELL VDM - 11: ZINC					
SAMPLING EVENT NO	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE				SAMPLING EVENT NO		
Jan-87	2920	4000	300	TOTAL STD	1146.068				1		
Apr-87		4000	300	TOTAL Sx	147.957				2		
Jul-87	1190	4000	300	TOTAL MEAN	756.213				3		
Oct-87	660	4000	300	TOTAL N	61	1590.00			4		
Jan-88	1780	4000	300	TOTAL df	60	1210.00			5		
Apr-88	5000	4000	300			2157.50			6		
Jul-88	2300	4000	300			2435.00			7		
Oct-88	2400	4000	300			2870.00			8		
Jan-89	4600	4000	300			3575.00			9		
Apr-89	3500	4000	300			3200.00			10		
Jul-89	2500	4000	300			3250.00			11		
Oct-89	1400	4000	300			3000.00			12		
Jan-90	1800	4000	300			2300.00			13		
Apr-90	2900	4000	300			2150.00			14		
Jul-90	580	4000	300			1670.00			15		
Oct-90	1200	4000	300			1620.00			16		
Jan-91	2350	4000	300			1757.50			17		
Apr-91	110	4000	300			1060.00			18		
Jul-91	370	4000	300			1007.50			19		
Oct-91	460	4000	300			822.50			20		
Jan-92	940	4000	300			470.00			21		
Apr-92	850	4000	300			655.00			22		
Jul-92	145	4000	300			598.75			23		
Oct-92	197	4000	300			533.00			24		
Jan-93	570	4000	300			440.50			25		
Apr-93	30	4000	300			235.50			26		
Jul-93	190	4000	300			246.75			27		
Oct-93	75	4000	300			216.25			28		
Jan-94	145	4000	300			110.00			29		
Apr-94	120	4000	300			132.50			30		
Jul-94	88	4000	300			107.00			31		
Oct-94	80	4000	300			108.25			32		
Jan-95	20	4000	300			77.00			33		
Apr-95	70	4000	300			64.50			34		
Jul-95	96	4000	300			66.50			35		
Oct-95	84	4000	20			67.50			36		
Apr-96	20	4000	20			55			37		
Sep-96	80	4000	20			50	50	9/17/1996	semiannual	38	
Apr-97	60	4000	20			70	70	4/3/1997	semiannual	39	
Aug-97	1020	4000	20			540	540	8/27/1997	semiannual	40	
Mar-98	41	4000	10			530.5	530.5	3/24/1998	semiannual	41	
Sep-98	880	4000	10			460.5	460.5	9/22/1998	semiannual	42	
May-99	16	4000	16			448	448	5/11/1999	semiannual	43	
Oct-99	325	4000	16			170.5	170.5	10/5/1999	semiannual	44	
May-00	53	4000	16			189	189	5/16/2000	semiannual	45	
Nov-00	360	4000	26			206.5	206.5	11/28/2000	semiannual	46	
Apr-01	26	4000	26			193	193	4/4/2001	semiannual	47	
Oct-01	380	4000	20			203	203	10/18/2001	semiannual	48	
Apr-02	20	4000	20			200	200	4/18/2002	semiannual	49	
Oct-02	210	4000	20			115	115	10/3/2002	semiannual	50	
Apr-03	36	4000	20			123	123	4/25/2003	semiannual	51	
Oct-03	85	4000	20			60.5	60.5	10/3/2003	semiannual	52	
Apr-04	100	4000	20			92.5	92.5	4/1/2004	semiannual	53	
Oct-04	59	4000	20			79.5	79.5	10/19/2004	semiannual	54	
Apr-05	20	4000	20			39.5	39.5	4/22/2005	semiannual	55	
Oct-05	240	4000	20			130	130	10/7/2005	semiannual	56	
May-06	34	4000	20			137	137	5/11/2006	semiannual	57	
Oct-06	10	4000	20			22	22	10/18/2006	semiannual	58	
May-07	10	4000	20			10	10	5/22/2007	semiannual	59	
Oct-07	141	4000	20			75.5	75.5	10/25/2007	semiannual	60	
May-08	61	4000	20			101	101	5/13/2008	semiannual	61	
Oct-08	122	4000	20			91.5	91.5	10/23/2008	semiannual	62	

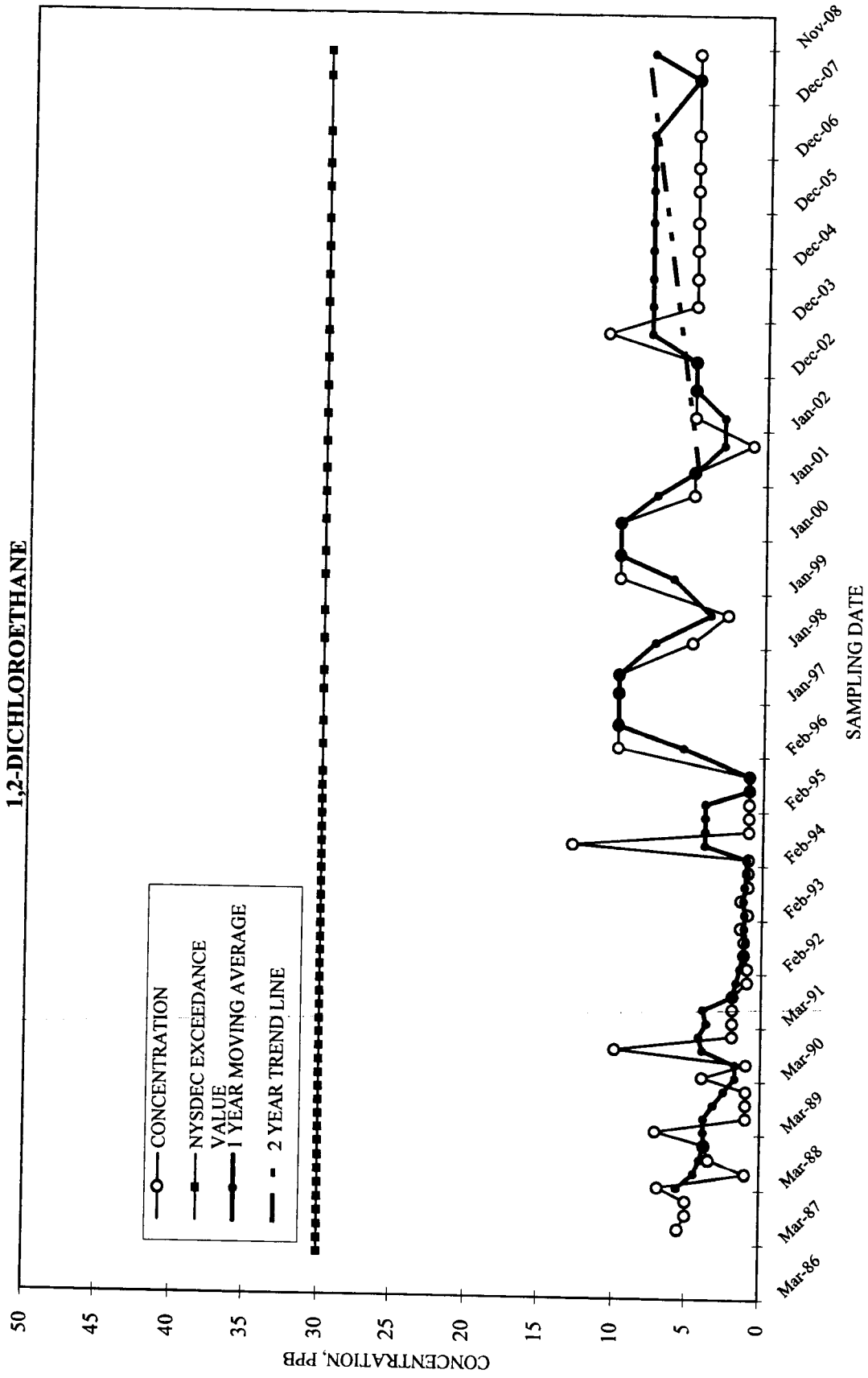
MOVING AVERAGE TREND TEST
VDM-11
CHLOROFORM



MOVING AVERAGE TREND TEST

VDM-11

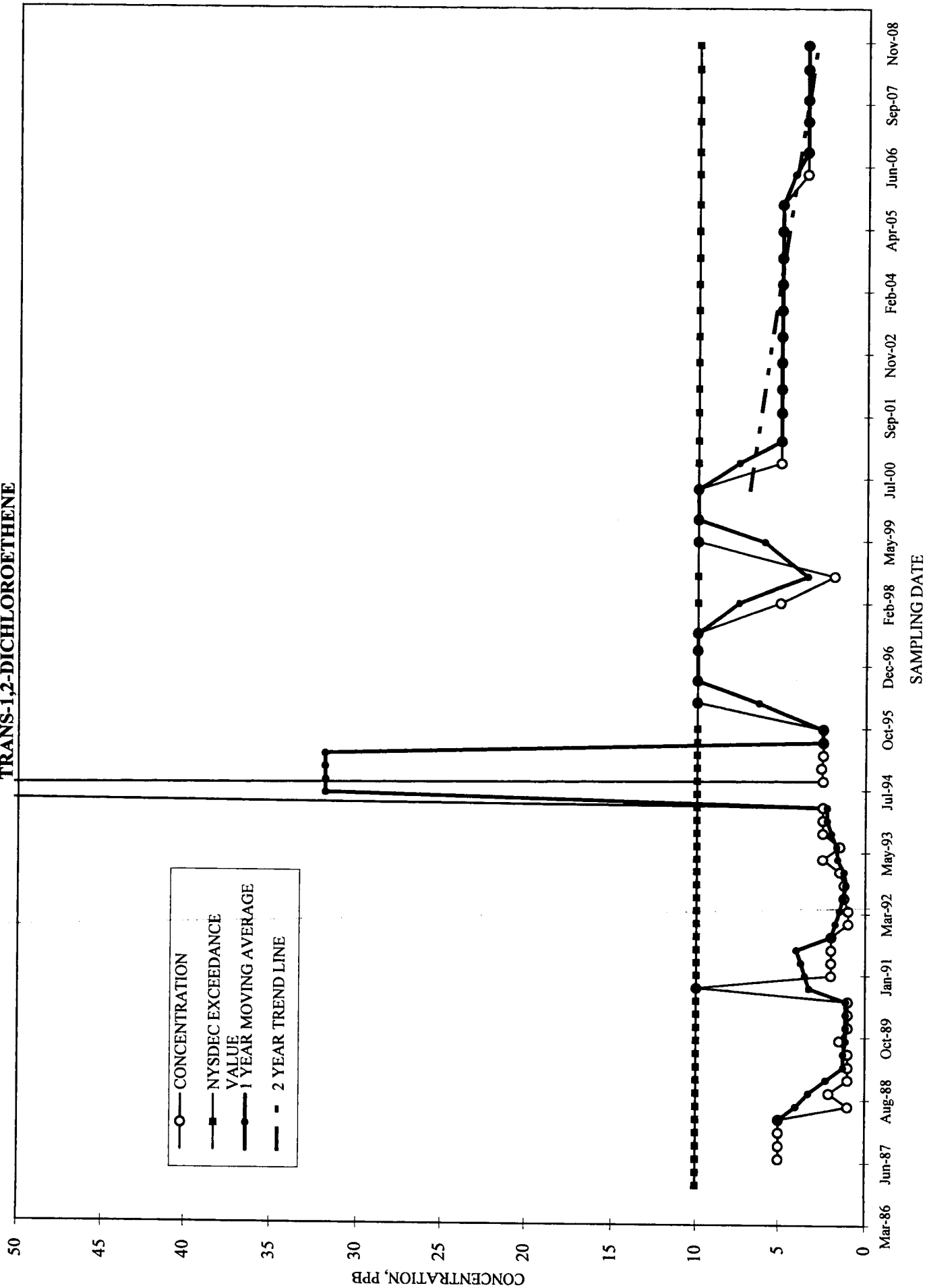
1,2-DICHLOROETHANE



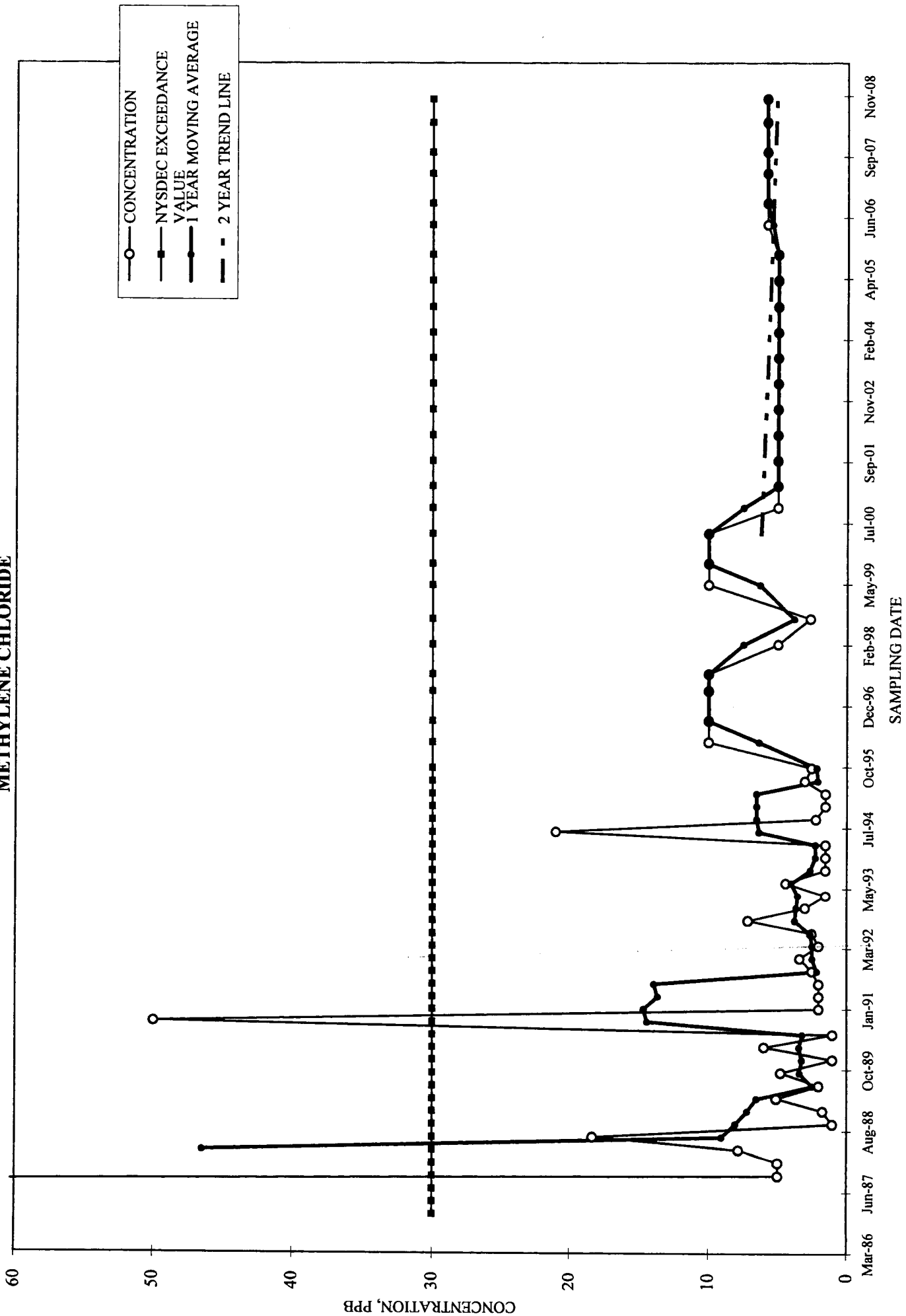
MOVING AVERAGE TREND TEST

VDM-11

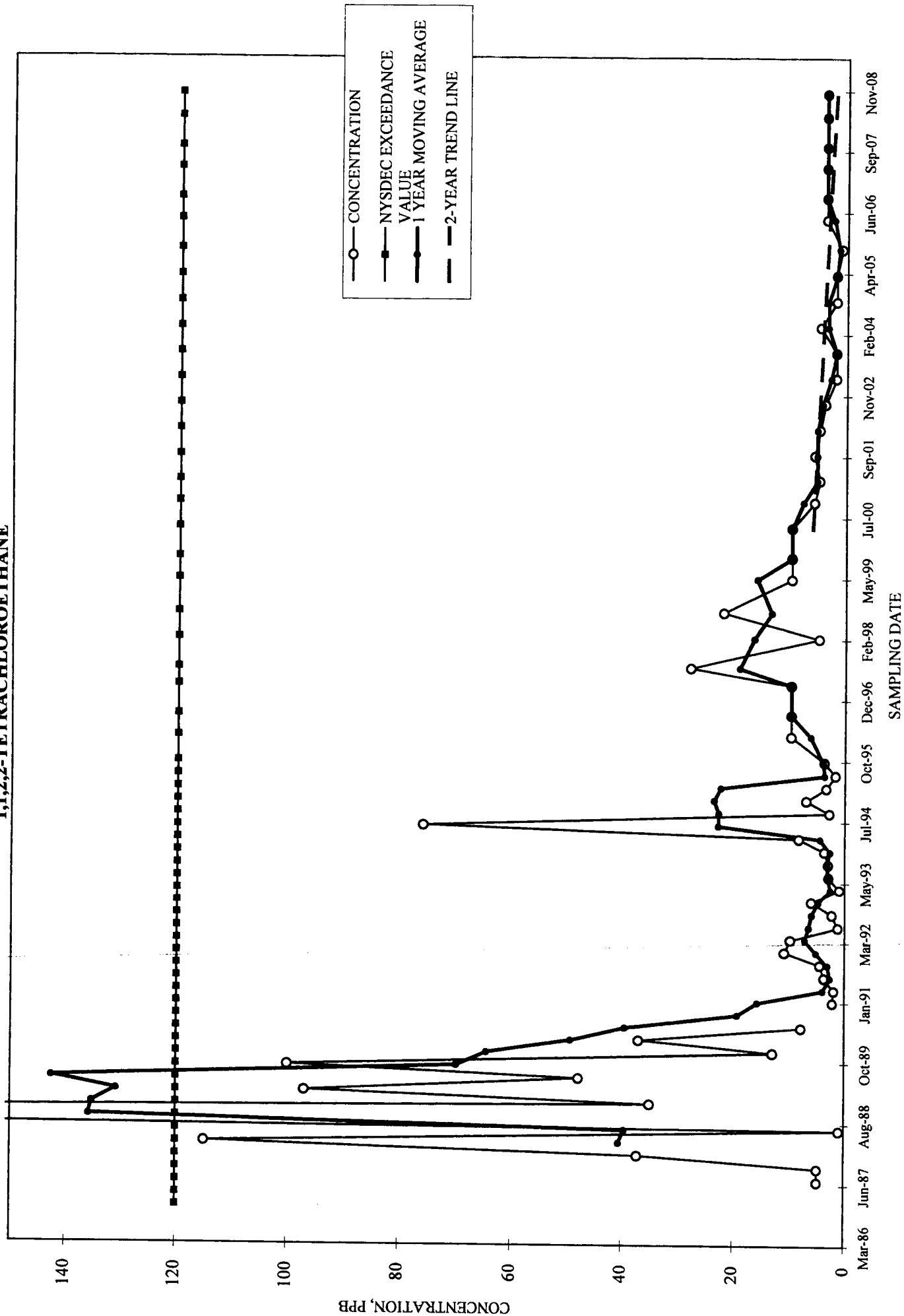
TRANS-1,2-DICHLOROETHENE



MOVING AVERAGE TREND TEST VDM-11 METHYLENE CHLORIDE

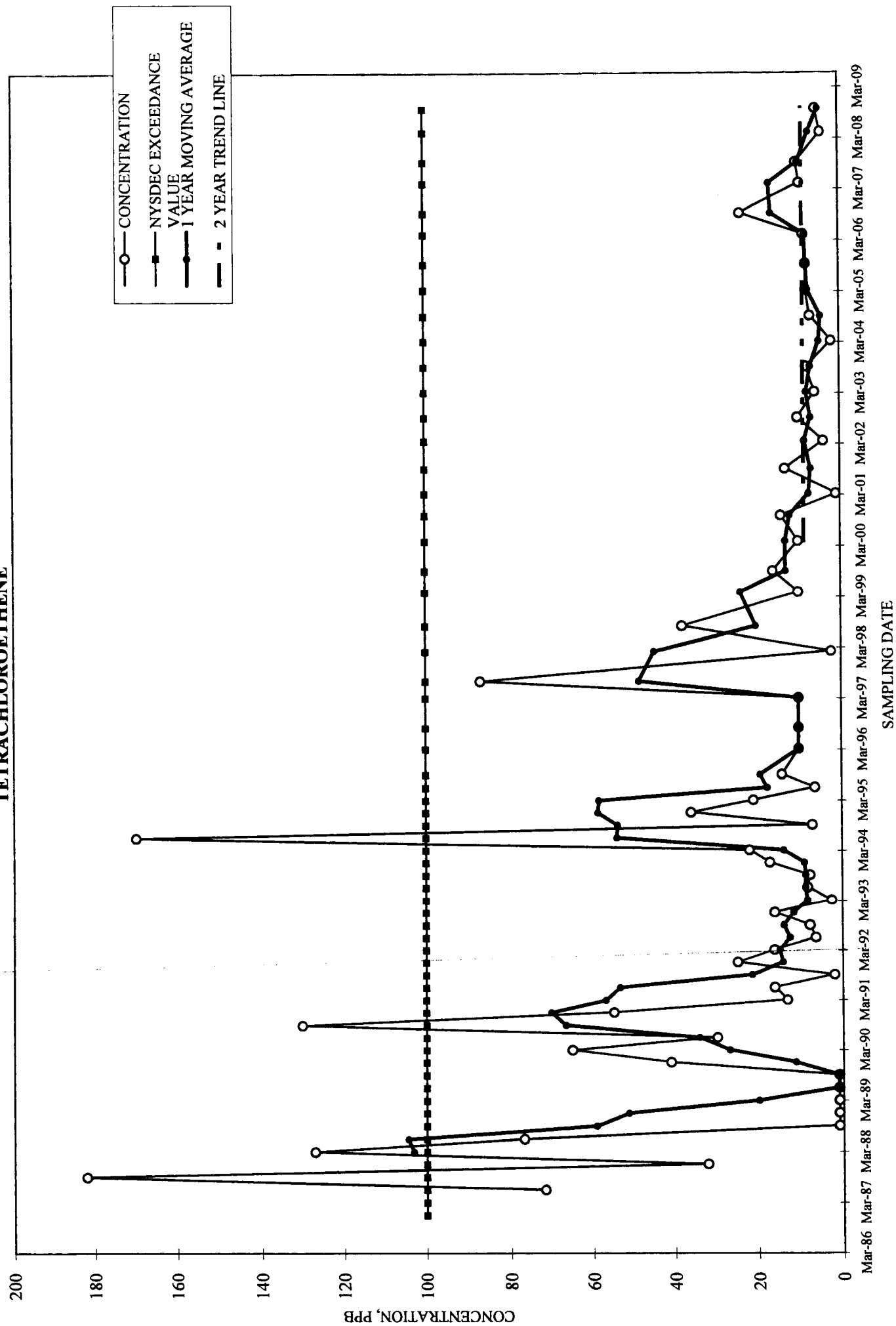


MOVING AVERAGE TREND TEST VDM-11 1,1,1,2,2-TETRACHLOROETHANE



MOVING AVERAGE TREND TEST
VDM-11

TETRACHLOROETHENE



WELL VDM - 14: CHLOROFORM					WELL VDM - 14: CHLOROFORM				
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE				
								SAMPLING EVENT NO.	
Oct-85	22.7	100	8	TOTAL STD	50.97663			1	
Jan-86	3.2	100	8	TOTAL Sx	6.372079			2	
Apr-86	87	100	8	TOTAL MEAN	58.83308			3	
Jul-86	170	100	8	TOTAL N	65	70.73		4	
Oct-86	28	100	8	TOTAL df	64	72.05		5	
Jan-87	30	100	8			78.75		6	
Apr-87	5.2	100	8			58.30		7	
Jul-87	5.1	100	8			17.08		8	
Oct-87	21	100	8			15.33		9	
Jan-88	16	100	8			11.83		10	
Apr-88	86	100	8			32.03		11	
Jul-88	4	100	8			31.75		12	
Oct-88	10	100	8			29.00		13	
Jan-89	67	100	8			41.75		14	
Apr-89	69	100	8			37.50		15	
Jul-89	5.9	100	8			37.98		16	
Oct-89	1	100	8			35.73		17	
Jan-90	2	100	8			19.48		18	
Apr-90	24	100	8			8.23		19	
Jul-90	68	100	8			23.75		20	
Oct-90	15	100	8			27.25		21	
Jan-91	1.25	100	8			27.06		22	
Apr-91	36.8	100	8			30.26		23	
Jul-91	36.8	100	8			22.46		24	
Oct-91	4	100	8			19.71		25	
Jan-92	2.8	100	8			20.10		26	
Apr-92	25	100	8			17.15		27	
Jul-92	75	100	8			26.70		28	
Oct-92	19	100	8			30.45		29	
Jan-93	23	100	8			35.50		30	
Apr-93	13	100	8			32.50		31	
Jul-93	45	100	8			25.00		32	
Oct-93	52	100	8			33.25		33	
Jan-94	30	100	8			35.00		34	
Apr-94	17	100	8			36.00		35	
Jul-94	18	100	8			29.25		36	
Oct-94	41	100	8			26.50		37	
Jan-95	40	100	8			29.00		38	
Apr-95	78	100	8			44.25		39	
Jul-95	74	100	8			58.25		40	
Oct-95	120	100	8			78.00		41	
Apr-96	20	100	8			73.00		42	
Sep-96	150	100	10		91.00	85	9/17/1996	semiannual	43
Apr-97	60	100	10		87.50	105	4/3/1997	semiannual	44
Aug-97	220	100	100		112.50	140	8/27/1997	semiannual	45
Mar-98	24	100	5		113.50	122	3/24/1998	semiannual	46
Sep-98	120	100	5		106.00	72	9/22/1998	semiannual	47
May-99	69	100	10		108.25	94.5	5/11/1999	semiannual	48
Oct-99	146	100	10		89.75	107.5	10/5/1999	semiannual	49
Nov-00	100	100	5		108.75	123	11/28/2000	semiannual	50
Apr-01	39	100	5		88.50	69.5	4/4/2001	semiannual	51
Oct-01	80	100	5		91.25	59.5	10/18/2001	semiannual	52
Apr-02	15	100	5		58.50	47.5	4/18/2002	semiannual	53
Oct-02	110	100	25		61.00	62.5	10/3/2002	semiannual	54
Apr-03	48	100	10		63.25	79	4/25/1993	semiannual	55
Oct-03	110	100	5		70.75	79	10/3/2003	semiannual	56
Apr-04	62	100	5		82.50	86	4/1/2004	semiannual	57
Oct-04	120	100	5		85.00	91	10/19/2004	semiannual	58
Apr-05	69	100	5		90.25	94.5	4/22/2005	semiannual	59
Oct-05	140	100	5		97.75	104.5	10/7/2005	semiannual	60
May-06	153	100	5		120.50	146.5	5/11/2006	semiannual	61
Oct-06	147	100	5		127.25	150	10/18/2006	semiannual	62
May-07	107	100	5		136.75	127	5/22/2007	semiannual	63
Oct-07	144	100	5		137.75	125.5	10/25/2007	semiannual	64
Oct-08	79.4	100	5		119.35	111.7	10/23/2008	semiannual	65

WELL VDM - 14 : 1,2-DICHLOROETHANE						WELL VDM - 14: 1,2-DICHLOROETHANE					
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE				SAMPLING EVENT NO.		
Oct-85	1	30	5	TOTAL STD	195.5244				1		
Jan-86	1	30	5	TOTAL Sx	24.83162				2		
Apr-86	13	30	5	TOTAL MEAN	39.58095				3		
Jul-86	20	30	5	TOTAL N	63	8.75			4		
Oct-86	1	30	5	TOTAL df	62	8.75			5		
Jan-87	1	30	5			8.75			6		
Apr-87	1	30	5			5.75			7		
Jul-87	1	30	5			1.00			8		
Oct-87	1	30	5			1.00			9		
Jan-88	1	30	5			1.00			10		
Apr-88	5	30	5			2.00			11		
Jul-88	1	30	5			2.00			12		
Oct-88	10	30	5			4.25			13		
Jan-89	2	30	5			4.50			14		
Apr-89	1	30	5			3.50			15		
Jul-89	2	30	5			3.75			16		
Oct-89	1	30	5			1.50			17		
Jan-90	2	30	5			1.50			18		
Apr-90	2	30	5			1.75			19		
Jul-90	1	30	5			1.50			20		
Oct-90	1	30	5			1.50			21		
Jan-91	1.25	30	5			1.31			22		
Apr-91	1.25	30	5			1.13			23		
Jul-91	1.5	30	5			1.25			24		
Oct-91	1	30	5			1.25			25		
Jan-92	1.5	30	5			1.31			26		
Apr-92	1	30	5			1.25			27		
Jul-92	3.8	30	5			1.83			28		
Oct-92	1	30	5			1.83			29		
Jan-93	1	30	5			1.70			30		
Apr-93	1	30	5			1.70			31		
Jul-93	13	30	5			4.00			32		
Oct-93	7.3	30	5			5.58			33		
Jan-94	1.6	30	5			5.73			34		
Apr-94	1	30	5			5.73			35		
Jul-94	1	30	5			2.73			36		
Oct-94	1.1	30	5			1.18			37		
Jan-95	1	30	5			1.03			38		
Apr-95	3.3	30	5			1.60			39		
Jul-95	3.5	30	5			2.23			40		
Oct-95	5.9	30	2			3.43			41		
Apr-96	10	30	10			5.68			42		
Sep-96	10	30	10			7.35	10.00	9/17/1996	semiannual	43	
Apr-97	10	30	10			8.98	10.00	4/3/1997	semiannual	44	
Aug-97	ND*	30	100			7.50	5.00	8/27/1997	semiannual	45	
Mar-98	1.9	30	5			5.48	0.95	3/24/1998	semiannual	46	
Sep-98	5.1	30	5			4.25	3.50	9/22/1998	semiannual	47	
May-99	10	30	10			4.25	7.55	5/11/1999	semiannual	48	
Oct-99	10	30	10			6.75	10.00	10/5/1999	semiannual	49	
Nov-00	4	30	5			7.28	7.00	11/28/2000	semiannual	50	
Apr-01	2	30	5			6.50	3.00	4/4/2001	semiannual	51	
Oct-01	4	30	5			5.00	3.00	10/18/2001	semiannual	52	
Apr-02	1	30	5			2.75	2.50	4/18/2002	semiannual	53	
Oct-02	5	30	25			3.00	3.00	10/3/2002	semiannual	54	
Apr-03	2	30	10			3.00	3.50	4/25/2003	semiannual	55	
Oct-03	6	30	5			3.50	4.00	10/3/2003	semiannual	56	
Apr-04	4	30	10			4.25	5.00	4/1/2004	semiannual	57	
Oct-04	9	30	10			5.25	6.50	10/19/2004	semiannual	58	
Apr-05	7	30	10			6.50	8.00	4/22/2005	semiannual	59	
Oct-05	16	30	10			9.00	11.50	10/7/2005	semiannual	60	
May-06	24.6	30	10			14.15	20.30	5/11/2006	semiannual	61	
Oct-06	1210	30	10			314.40	617.30	10/18/2006	semiannual	62	
May-07	1020	30	10			567.65	1115.00	5/22/2007	semiannual	63	
Oct-07	191	30	10			611.40	605.50	10/25/2007	semiannual	64	
Oct-08	788	30	10			802.25	489.50	10/23/2008	semiannual	65	

* Aug-97 analytical concentration data for 1,2-DCA was below the Detection Limit Detection Limit was elevated during this event

WELL VDM - 14 : TRANS-1,2-DICHLOROETHENE						WELL VDM - 14: TRANS-1,2-DICHLOROETHENE					
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.	
Oct-85	1	10	5	TOTAL STD	94.28716					1	
Jan-86	1	10	5	TOTAL Sx	11.78589					2	
Apr-86	9	10	5	TOTAL MEAN	33.92846					3	
Jul-86	17	10	5	TOTAL N	65	7.00				4	
Oct-86	1	10	5	TOTAL df	64	7.00				5	
Jan-87	1	10	5			7.00				6	
Apr-87	1	10	5			5.00				7	
Jul-87	1	10	5			1.00				8	
Oct-87	1	10	5			1.00				9	
Jan-88	1	10	5			1.00				10	
Apr-88	1	10	5			1.00				11	
Jul-88	1	10	5			1.00				12	
Oct-88	10	10	5			3.25				13	
Jan-89	2	10	5			3.50				14	
Apr-89	1	10	5			3.50				15	
Jul-89	2	10	5			3.75				16	
Oct-89	1	10	5			1.50				17	
Jan-90	2	10	5			1.50				18	
Apr-90	2	10	5			1.75				19	
Jul-90	25	10	5			7.50				20	
Oct-90	3.7	10	5			8.18				21	
Jan-91	1.25	10	5			7.99				22	
Apr-91	13.1	10	5			10.76				23	
Jul-91	15.1	10	5			8.29				24	
Oct-91	2.5	10	5			7.99				25	
Jan-92	1.5	10	5			8.05				26	
Apr-92	6	10	5			6.28				27	
Jul-92	8	10	5			4.50				28	
Oct-92	3.5	10	5			4.75				29	
Jan-93	5.4	10	5			5.73				30	
Apr-93	4.3	10	5			5.30				31	
Jul-93	2.5	10	5			3.93				32	
Oct-93	2.5	10	5			3.68				33	
Jan-94	19	10	5			7.08				34	
Apr-94	14	10	5			9.50				35	
Jul-94	15	10	5			12.63				36	
Oct-94	18	10	5			16.50				37	
Jan-95	11	10	5			14.50				38	
Apr-95	82	10	5			31.50				39	
Jul-95	84	10	5			48.75				40	
Oct-95	160	10	5			84.25				41	
Apr-96	30	10	5			76				42	
Sep-96	350	10	10		190	190	9/17/1996	semiannual		43	
Apr-97	150	10	10		250	250	4/3/1997	semiannual		44	
Aug-97	550	10	100		350	350	8/27/1997	semiannual		45	
Mar-98	5	10	5		277.5	277.5	3/24/1998	semiannual		46	
Sep-98	400	10	5		202.5	202.5	9/22/1998	semiannual		47	
May-99	10	10	10		205	205	5/11/1999	semiannual		48	
Oct-99	10	10	10		10	10	10/5/1999	semiannual		49	
Nov-00	4	10	5		7	7	11/28/2000	semiannual		50	
Apr-01	3	10	5		3.5	3.5	4/4/2001	semiannual		51	
Oct-01	6	10	5		4.5	4.5	10/18/2001	semiannual		52	
Apr-02	5	10	5		5.5	5.5	4/18/2002	semiannual		53	
Oct-02	6	10	25		5.5	5.5	10/3/2002	semiannual		54	
Apr-03	4	10	10		5	5	4/25/2003	semiannual		55	
Oct-03	8	10	5		6	6	10/3/2003	semiannual		56	
Apr-04	6	10	10		7	7	4/1/2004	semiannual		57	
Oct-04	11	10	10		8.5	9.5	10/19/2004	semiannual		58	
Apr-05	6	10	10		8.5	7	4/22/2005	semiannual		59	
Oct-05	14	10	10		10	11	10/7/2005	semiannual		60	
May-06	13.6	10	10		13.8	10.8	5/11/2006	semiannual		61	
Oct-06	14.4	10	10		14	11.2	10/18/2006	semiannual		62	
May-07	14.8	10	10		14.6	9.4	5/22/2007	semiannual		63	
Oct-07	20	10	10		17.4		10/25/2007	semiannual		64	
Oct-08	11.2	10	10		15.6		10/23/2008	semiannual		65	

WELL VDM - 14 : METHYLENE CHLORIDE						WELL VDM - 14: METHYLENE CHLORIDE					
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.	
Oct-85	1	30	5	TOTAL STD	15.33641					1	
Jan-86	1	30	5	TOTAL Sx	1.917051					2	
Apr-86	22	30	5	TOTAL MEAN	9.861846					3	
Jul-86	28	30	5	TOTAL N	65	13.00				4	
Oct-86	2	30	5	TOTAL df	64	13.25				5	
Jan-87	2	30	5			13.50				6	
Apr-87	1.2	30	5			8.30				7	
Jul-87	2	30	5			1.80				8	
Oct-87	1	30	5			1.55				9	
Jan-88	1	30	5			1.30				10	
Apr-88	10	30	5			3.50				11	
Jul-88	1	30	5			3.25				12	
Oct-88	50	30	5			15.50				13	
Jan-89	2	30	5			15.75				14	
Apr-89	1	30	5			13.50				15	
Jul-89	2	30	5			13.75				16	
Oct-89	1	30	5			1.50				17	
Jan-90	2	30	5			1.50				18	
Apr-90	3.6	30	5			2.15				19	
Jul-90	5.7	30	5			3.08				20	
Oct-90	2	30	5			3.33				21	
Jan-91	2.5	30	5			3.45				22	
Apr-91	8.32	30	5			4.63				23	
Jul-91	3	30	5			3.96				24	
Oct-91	1.5	30	5			3.83				25	
Jan-92	3	30	5			3.96				26	
Apr-92	1.5	30	5			2.25				27	
Jul-92	1.5	30	5			1.88				28	
Oct-92	1.5	30	5			1.88				29	
Jan-93	1.5	30	5			1.50				30	
Apr-93	1.5	30	5			1.50				31	
Jul-93	3.5	30	5			2.00				32	
Oct-93	3.8	30	5			2.58				33	
Jan-94	3.8	30	5			3.15				34	
Apr-94	1.5	30	5			3.15				35	
Jul-94	1.5	30	5			2.65				36	
Oct-94	1.5	30	5			2.08				37	
Jan-95	1.5	30	5			1.50				38	
Apr-95	11	30	5			3.88				39	
Jul-95	12	30	5			6.50				40	
Oct-95	16	30	5			10.13				41	
Apr-96	10	30	10			12				42	
Sep-96	21	30	10			15.5	15.5	9/17/1996	semiannual	43	
Apr-97	10	30	10			15.5	15.5	4/3/1997	semiannual	44	
Aug-97	ND*	30	100			5	5	8/27/1997	semiannual	45	
Mar-98	4.7	30	5			2.35	2.35	3/24/1998	semiannual	46	
Sep-98	20	30	5			12.35	12.35	9/22/1998	semiannual	47	
May-99	10	30	10			15	15	5/11/1999	semiannual	48	
Oct-99	32	30	10			21	21	10/5/1999	semiannual	49	
Nov-00	19	30	5			25.5	25.5	11/28/2000	semiannual	50	
Apr-01	4	30	5			11.5	11.5	4/4/2001	semiannual	51	
Oct-01	9	30	5			6.5	6.5	10/18/2001	semiannual	52	
Apr-02	2	30	5			5.5	5.5	4/18/2002	semiannual	53	
Oct-02	19	30	25			10.5	10.5	10/3/2002	semiannual	54	
Apr-03	7	30	10			13	13	4/25/2003	semiannual	55	
Oct-03	12	30	5			9.5	9.5	10/3/2003	semiannual	56	
Apr-04	7	30	10			9.5	9.5	4/1/2004	semiannual	57	
Oct-04	15	30	10			11	13.5	10/19/2004	semiannual	58	
Apr-05	8	30	10			11.5	10	4/22/2005	semiannual	59	
Oct-05	20	30	10			14	16	10/7/2005	semiannual	60	
May-06	23.1	30	10			21.55	17.55	5/11/2006	semiannual	61	
Oct-06	20	30	10			21.55	16	10/18/2006	semiannual	62	
May-07	106	30	10			63	56.5	5/22/2007	semiannual	63	
Oct-07	27.1	30	10			66.55		10/25/2007	semiannual	64	
Oct-08	11.7	30	10			19.4		10/23/2008	semiannual	65	

* Aug-97 analytical concentration data for Methylene Chloride was below the Detection Limit which was elevated during this event.

WELL VDM - 14: 1,1,2,2-TETRACHLOROETHANE						WELL VDM - 14: 1,1,2,2-TETRACHLOROETHANE					
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE					SAMPLING EVENT NO.	
Oct-85	1	100	5	TOTAL STD	64.31766					1	
Jan-86	46	100	5	TOTAL Sx	8.103263					2	
Apr-86	38	100	5	TOTAL MEAN	51.13828					3	
Jul-86	450	100	5	TOTAL N	64	133.75				4	
Oct-86	97	100	5	TOTAL df	63	157.75				5	
Jan-87	93	100	5			169.50				6	
Apr-87	77	100	5			179.25				7	
Jul-87	65	100	5			83.00				8	
Oct-87	3	100	5			59.50				9	
Jan-88	2	100	5			36.75				10	
Apr-88	65	100	5			33.75				11	
Jul-88	1	100	5			17.75				12	
Oct-88		100	5			22.67				13	
Jan-89	48	100	5			38.00				14	
Apr-89	47	100	5			32.00				15	
Jul-89	2	100	5			32.33				16	
Oct-89	1	100	5			24.50				17	
Jan-90	2	100	5			13.00				18	
Apr-90	24	100	5			7.25				19	
Jul-90	54	100	5			20.25				20	
Oct-90	11	100	5			22.75				21	
Jan-91	1.25	100	5			22.56				22	
Apr-91	19.6	100	5			21.46				23	
Jul-91	24.4	100	5			14.06				24	
Oct-91	1	100	5			11.56				25	
Jan-92	3	100	5			12.00				26	
Apr-92	3	100	5			7.85				27	
Jul-92	39	100	5			11.50				28	
Oct-92	9.3	100	5			13.58				29	
Jan-93	11	100	5			15.58				30	
Apr-93	17	100	5			19.08				31	
Jul-93	1	100	5			9.58				32	
Oct-93	1	100	5			7.50				33	
Jan-94	14	100	5			8.25				34	
Apr-94	16	100	5			8.00				35	
Jul-94	18	100	5			12.25				36	
Oct-94	15	100	5			15.75				37	
Jan-95	8.6	100	5			14.40				38	
Apr-95	38	100	5			19.90				39	
Jul-95	36	100	5			24.40				40	
Oct-95	81	100	2			40.90				41	
Apr-96	10	100	10			34.25				42	
Sep-96	81	100	10			45.5	45.5	9/17/1996	semiannual	43	
Apr-97	36	100	10			58.5	58.5	4/3/1997	semiannual	44	
Aug-97	120	100	100			78	78	8/27/1997	semiannual	45	
Mar-98	14	100	5			67	67	3/24/1998	semiannual	46	
Sep-98	120	100	5			67	67	9/22/1998	semiannual	47	
May-99	45	100	10			82.5	82.5	5/11/1999	semiannual	48	
Oct-99	128	100	10			86.5	86.5	10/5/1999	semiannual	49	
Nov-00	76	100	5			102	102	11/28/2000	semiannual	50	
Apr-01	30	100	5			53	53	4/4/2001	semiannual	51	
Oct-01	57	100	5			43.5	43.5	10/18/2001	semiannual	52	
Apr-02	10	100	5			33.5	33.5	4/18/2002	semiannual	53	
Oct-02	72	100	25			41	41	10/3/2002	semiannual	54	
Apr-03	42	100	10			57	57	4/25/2003	semiannual	55	
Oct-03	100	100	5			71	71	10/3/2003	semiannual	56	
Apr-04	39	100	10			69.5	69.5	4/1/2004	semiannual	57	
Oct-04	84	100	10			61.5	92	10/19/2004	semiannual	58	
Apr-05	46	100	10			65	73	4/22/2005	semiannual	59	
Oct-05	97	100	10			71.5	98.5	10/7/2005	semiannual	60	
May-06	129	100	10			113	114.5	5/11/2006	semiannual	61	
Oct-06	111	100	10			120	105.5	10/18/2006	semiannual	62	
May-07	113	100	10			112	77.5	5/22/2007	semiannual	63	
Oct-07	144	100	10			128.5		10/25/2007	semiannual	64	
Oct-08	84.7	100	10			114.35		10/23/2008	semiannual	65	

WELL VDM - 14: TETRACHLOROETHENE						WELL VDM - 14: TETRACHLOROETHENE					
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE				SAMPLING EVENT NO.		
Oct-85	22.4	65	5	TOTAL STD	135.8245				1		
Jan-86	1	65	5	TOTAL Sx	16.97806				2		
Apr-86	1	65	5	TOTAL MEAN	139.5615				3		
Jul-86	1	65	5	TOTAL N	65	6.35			4		
Oct-86	1	65	5	TOTAL df	64	1.00			5		
Jan-87	1	65	5			1.00			6		
Apr-87	1	65	5			1.00			7		
Jul-87	1	65	5			1.00			8		
Oct-87	40	65	5			10.75			9		
Jan-88	33	65	5			18.75			10		
Apr-88	90	65	5			41.00			11		
Jul-88	30	65	5			48.25			12		
Oct-88	75	65	5			57.00			13		
Jan-89	100	65	5			73.75			14		
Apr-89	100	65	5			76.25			15		
Jul-89	52	65	5			81.75			16		
Oct-89	37	65	5			72.25			17		
Jan-90	2	65	5			47.75			18		
Apr-90	55	65	5			36.50			19		
Jul-90	150	65	5			61.00			20		
Oct-90	77	65	5			71.00			21		
Jan-91	35	65	5			79.25			22		
Apr-91	77.1	65	5			84.78			23		
Jul-91	87.3	65	5			69.10			24		
Oct-91	15	65	5			53.60			25		
Jan-92	33.7	65	5			53.28			26		
Apr-92	54	65	5			47.50			27		
Jul-92	140	65	5			60.68			28		
Oct-92	57	65	5			71.18			29		
Jan-93	71	65	5			80.50			30		
Apr-93	54	65	5			80.50			31		
Jul-93	2.5	65	5			46.13			32		
Oct-93	2.5	65	5			32.50			33		
Jan-94	64	65	5			30.75			34		
Apr-94	90	65	5			39.75			35		
Jul-94	96	65	5			63.13			36		
Oct-94	130	65	5			95.00			37		
Jan-95	110	65	5			106.50			38		
Apr-95	95	65	5			107.75			39		
Jul-95	100	65	5			108.75			40		
Oct-95	230	65	5			133.75			41		
Apr-96	62	65	5			113.5			42		
Sep-96	170	65	10			116	116	9/17/1996	semiannual	43	
Apr-97	150	65	10			160	160	4/3/1997	semiannual	44	
Aug-97	450	65	100			300	300	8/27/1997	semiannual	45	
Mar-98	110	65	5			280	280	3/24/1998	semiannual	46	
Sep-98	210	65	5			160	160	9/22/1998	semiannual	47	
May-99	142	65	10			176	176	5/11/1999	semiannual	48	
Oct-99	390	65	10			266	266	10/5/1999	semiannual	49	
Nov-00	250	65	5			320	320	11/28/2000	semiannual	50	
Apr-01	170	65	5			210	210	4/4/2001	semiannual	51	
Oct-01	290	65	5			230	230	10/18/2001	semiannual	52	
Apr-02	91	65	5			190.5	190.5	4/18/2002	semiannual	53	
Oct-02	280	65	25			185.5	185.5	10/3/2002	semiannual	54	
Apr-03	190	65	10			235	235	4/25/2003	semiannual	55	
Oct-03	320	65	5			255	255	10/3/2003	semiannual	56	
Apr-04	270	65	5			295	295	4/1/2004	semiannual	57	
Oct-04	340	65	5			305	330	10/19/2004	semiannual	58	
Apr-05	300	65	5			320	310	4/22/2005	semiannual	59	
Oct-05	410	65	5			355	365	10/7/2005	semiannual	60	
May-06	466	65	5			438	393	5/11/2006	semiannual	61	
Oct-06	398	65	5			432	359	10/18/2006	semiannual	62	
May-07	476	65	5			437	333	5/22/2007	semiannual	63	
Oct-07	469	65	5			472.5		10/25/2007	semiannual	64	
Oct-08	253	65	5			361		10/23/2008	semiannual	65	

WELL VDM - 14 : TRICHLOROETHENE						WELL VDM - 14: TRICHLOROETHENE					
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS		MOVING AVERAGE			SAMPLING EVENT NO		
Oct-85	639	30	5	TOTAL STD	78.6422				1		
Jan-86	1	30	5	TOTAL Sx	9.830275				2		
Apr-86	10	30	5	TOTAL MEAN	31.59138				3		
Jul-86	23	30	5	TOTAL N	65	168.25			4		
Oct-86	5.8	30	5	TOTAL df	64	9.95			5		
Jan-87	1.7	30	5			10.13			6		
Apr-87	1	30	5			7.88			7		
Jul-87	1	30	5			2.38			8		
Oct-87	1	30	5			1.18			9		
Jan-88	1	30	5			1.00			10		
Apr-88	11	30	5			3.50			11		
Jul-88	1	30	5			3.50			12		
Oct-88	10	30	5			5.75			13		
Jan-89	14	30	5			9.00			14		
Apr-89	14	30	5			9.75			15		
Jul-89	2	30	5			10.00			16		
Oct-89	1	30	5			7.75			17		
Jan-90	2	30	5			4.75			18		
Apr-90	8.8	30	5			3.45			19		
Jul-90	30	30	5			10.45			20		
Oct-90	9.2	30	5			12.50			21		
Jan-91	1.25	30	5			12.31			22		
Apr-91	15.4	30	5			13.96			23		
Jul-91	23.7	30	5			12.39			24		
Oct-91	2.5	30	5			10.71			25		
Jan-92	1.89	30	5			10.87			26		
Apr-92	8.6	30	5			9.17			27		
Jul-92	35	30	5			12.00			28		
Oct-92	5.6	30	5			12.77			29		
Jan-93	8.1	30	5			14.33			30		
Apr-93	7	30	5			13.93			31		
Jul-93	2.5	30	5			5.80			32		
Oct-93	2.5	30	5			5.03			33		
Jan-94	10	30	5			5.50			34		
Apr-94	11	30	5			6.50			35		
Jul-94	12	30	5			8.88			36		
Oct-94	16	30	5			12.25			37		
Jan-95	10	30	5			12.25			38		
Apr-95	26	30	5			16.00			39		
Jul-95	28	30	5			20.00			40		
Oct-95	54	30	5			29.50			41		
Apr-96	12	30	5			26.5			42		
Sep-96	58	30	10			35	35	9/17/1996	semiannual	43	
Apr-97	32	30	10			45	45	4/3/1997	semiannual	44	
Aug-97	ND*	30	100			16	16	8/27/1997	semiannual	45	
Mar-98	18	30	5			9	9	3/24/1998	semiannual	46	
Sep-98	42	30	5			30	30	9/22/1998	semiannual	47	
May-99	32	30	10			37	37	5/11/1999	semiannual	48	
Oct-99	63	30	10			47.5	47.5	10/5/1999	semiannual	49	
Nov-00	44	30	5			53.5	53.5	11/28/2000	semiannual	50	
Apr-01	23	30	5			33.5	33.5	4/4/2001	semiannual	51	
Oct-01	38	30	5			30.5	30.5	10/18/2001	semiannual	52	
Apr-02	10	30	5			24	24	4/18/2002	semiannual	53	
Oct-02	47	30	25			28.5	28.5	10/18/2001	semiannual	54	
Apr-03	30	30	10			38.5	38.5	4/25/2003	semiannual	55	
Oct-03	49	30	5			39.5	39.5	10/3/2003	semiannual	56	
Apr-04	37	30	5			43	43	4/1/2004	semiannual	57	
Oct-04	50	30	10			43.5	49.5	10/19/2004	semiannual	58	
Apr-05	36	30	10			43	42.5	4/22/2005	semiannual	59	
Oct-05	62	30	10			49	55.5	10/7/2005	semiannual	60	
May-06	61.5	30	10			61.75	55.25	5/11/2006	semiannual	61	
Oct-06	62.6	30	10			62.05	55.8	10/18/2006	semiannual	62	
May-07	62.6	30	10			62.6	46.3	5/22/2007	semiannual	63	
Oct-07	72.3	30	10			67.45	60.65	10/25/2007	semiannual	63	
Oct-08	42.9	30	10			57.6	39.95	10/23/2008	semiannual	64	

* Aug-97 analytical concentration data for TCE was below the Detection Limit which was elevated during this event.

WELL VDM - 14: VINYL CHLORIDE						WELL VDM - 14: VINYL CHORIDE					
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE				SAMPLING EVENT NO.		
Oct-85	1	15	2	TOTAL STD	5.992278				1		
Jan-86	1	15	2	TOTAL Sx	0.76102				2		
Apr-86	1	15	2	TOTAL MEAN	5.336508				3		
Jul-86	2	15	2	TOTAL N	63	1.25			4		
Oct-86	3	15	2	TOTAL df	62	1.75			5		
Jan-87	3	15	2			2.25			6		
Apr-87	1	15	2			2.25			7		
Jul-87	1	15	2			2.00			8		
Oct-87	1	15	2			1.50			9		
Jan-88	1	15	2			1.00			10		
Apr-88	1	15	2			1.00			11		
Jul-88	1	15	2			1.00			12		
Oct-88	20	15	2			5.75			13		
Jan-89	2	15	2			6.00			14		
Apr-89	1	15	2			6.00			15		
Jul-89	2	15	2			6.25			16		
Oct-89	1	15	2			1.50			17		
Jan-90	2	15	2			1.50			18		
Apr-90	2	15	2			1.75			19		
Jul-90	2	15	2			1.75			20		
Oct-90	2	15	2			2.00			21		
Jan-91	2.5	15	2			2.13			22		
Apr-91	2.5	15	2			2.25			23		
Jul-91	2.5	15	2			2.38			24		
Oct-91	3	15	2			2.63			25		
Jan-92	2.5	15	2			2.63			26		
Apr-92	3	15	2			2.75			27		
Jul-92	3	15	2			2.88			28		
Oct-92	3	15	2			2.88			29		
Jan-93	3	15	2			3.00			30		
Apr-93	3	15	2			3.00			31		
Jul-93	3	15	2			3.00			32		
Oct-93	3	15	2			3.00			33		
Jan-94	3	15	2			3.00			34		
Apr-94	3	15	2			3.00			35		
Jul-94	3	15	2			3.00			36		
Oct-94	3	15	2			3.00			37		
Jan-95	3	15	2			3.00			38		
Apr-95	3	15	2			3.00			39		
Jul-95	3	15	2			3.00			40		
Oct-95	6	15	6			3.75			41		
Apr-96	10	15	10			7.25			42		
Sep-96	10	15	10			10	10	9/17/1996	semiannual	43	
Apr-97	10	15	10			10	10	4/3/1997	semiannual	44	
Aug-97	ND*	15	100			5	5	8/27/1997	semiannual	45	
Mar-98	1.3	15	10			0.65	0.65	3/24/1998	semiannual	46	
Sep-98	10	15	10			5.65	5.65	9/22/1998	semiannual	47	
May-99	10	15	10			10	10	5/11/1999	semiannual	48	
Oct-99	13	15	10			11.5	11.5	10/5/1999	semiannual	49	
Nov-00	4	15	5			8.5	8.5	11/28/2000	semiannual	50	
Apr-01	3	15	5			3.5	3.5	4/4/2001	semiannual	51	
Oct-01	9	15	5			6	6	10/18/2001	semiannual	52	
Apr-02	2	15	5			5.5	5.5	4/18/2002	semiannual	53	
Oct-02	14	15	25			8	8	10/3/2002	semiannual	54	
Apr-03	5	15	10			9.5	9.5	4/25/2003	semiannual	55	
Oct-03	10	15	5			7.5	7.5	10/3/2003	semiannual	56	
Apr-04	8	15	10			9	9	4/1/2004	semiannual	57	
Oct-04	14	15	10			12	12	10/19/2004	semiannual	58	
Apr-05	7	15	10			7.5	8.5	4/22/2005	semiannual	59	
Oct-05	18	15	10			16	14	10/7/2005	semiannual	60	
May-06	15.6	15	10			11.3	12.8	5/11/2006	semiannual	61	
Oct-06	16.2	15	10			17.1	13.1	10/18/2006	semiannual	62	
May-07	34.1	15	10			24.85	21.05	5/22/2007	semiannual	63	
Oct-07	20.8	15	10			18.5	17.4	10/25/2007	semiannual	64	
Oct-08	14.8	15	10			24.45	10.9	10/23/2008	semiannual	65	

* Aug-97 analytical concentration data for Vinyl Chloride was below the Detection Limit which was elevated during this event.

WELL VDM - 14 : TOLUENE

WELL VDM - 14: TOLUENE

SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE	SAMPLING EVENT NO.
Oct-85		20	5	TOTAL STD	32.04953	
Jan-86		20	5	TOTAL Sx	4.361389	1
Apr-86		20	5	TOTAL MEAN	10.67818	2
Jul-86		20	5	TOTAL N	55	3
Oct-86		20	5	TOTAL df	54	4
Jan-87		20	5			5
Apr-87		20	5			6
Jul-87		20	5			7
Oct-87	1	20	5			8
Jan-88	1	20	5			9
Apr-88	1	20	5			10
Jul-88	1	20	5			11
Oct-88	1	20	5		1.00	12
Jan-89	2	20	5		1.00	13
Apr-89	1	20	5		1.25	14
Jul-89	2	20	5		1.25	15
Oct-89	1	20	5		1.50	16
Jan-90	2	20	5		1.50	17
Apr-90	2	20	5		1.50	18
Jul-90	1	20	5		1.75	19
Oct-90	1	20	5		1.50	20
Jan-91	1.25	20	5		1.50	21
Apr-91	1.25	20	5		1.31	22
Jul-91	1.5	20	5		1.13	23
Oct-91	2	20	5		1.25	24
Jan-92	1.5	20	5		1.50	25
Apr-92	2	20	5		1.56	26
Jul-92	2	20	5		1.75	27
Oct-92	2	20	5		1.88	28
Jan-93	2	20	5		1.88	29
Apr-93	2	20	5		2.00	30
Jul-93	210	20	5		2.00	31
Oct-93	120	20	5		54.00	32
Jan-94	2.5	20	5		83.50	33
Apr-94	2	20	5		83.63	34
Jul-94	2	20	5		83.63	35
Oct-94	2	20	5		31.63	36
Jan-95	2	20	5		2.13	37
Apr-95	2	20	5		2.00	38
Jul-95	2	20	5		2.00	39
Oct-95	4	20	4		2.00	40
Apr-96	10	20	10		2.50	41
Sep-96	10	20	10		6.5	42
Apr-97	10	20	10		10	43
Aug-97	ND*	20	100		10	44
Mar-98	5	20	5		5	45
Sep-98	1.3	20	5		2.5	46
May-99	10	20	10		3.15	47
Oct-99	10	20	10		5.65	48
Nov-00	5	20	5		10	49
Apr-01	5	20	5		7.5	50
Oct-01	5	20	5		5	51
Apr-02	5	20	5		5	52
Oct-02	5	20	25 **		5	53
Apr-03	10	20	10		5	54
Oct-03	1	20	5		7.5	55
Apr-04	10	20	10		5.5	56
Oct-04	10	20	10		5.5	57
Apr-05	10	20	10		10	58
Oct-05	2	20	10		10	59
May-06	4.9	20	10		6	60
Oct-06	49	20	10		3.45	61
May-07	26.1	20	10		26.95	62
Oct-07	ND*	20	4.9		37.55	63
Oct-08	4.9	20	4.9		13.05	64
					2.45	65

* Aug-97 analytical concentration data for Toluene was below the Detection Limit which was elevated during this event.

** - Oct-02 elevated detection limits. Entering the detection limit would screw the analysis.

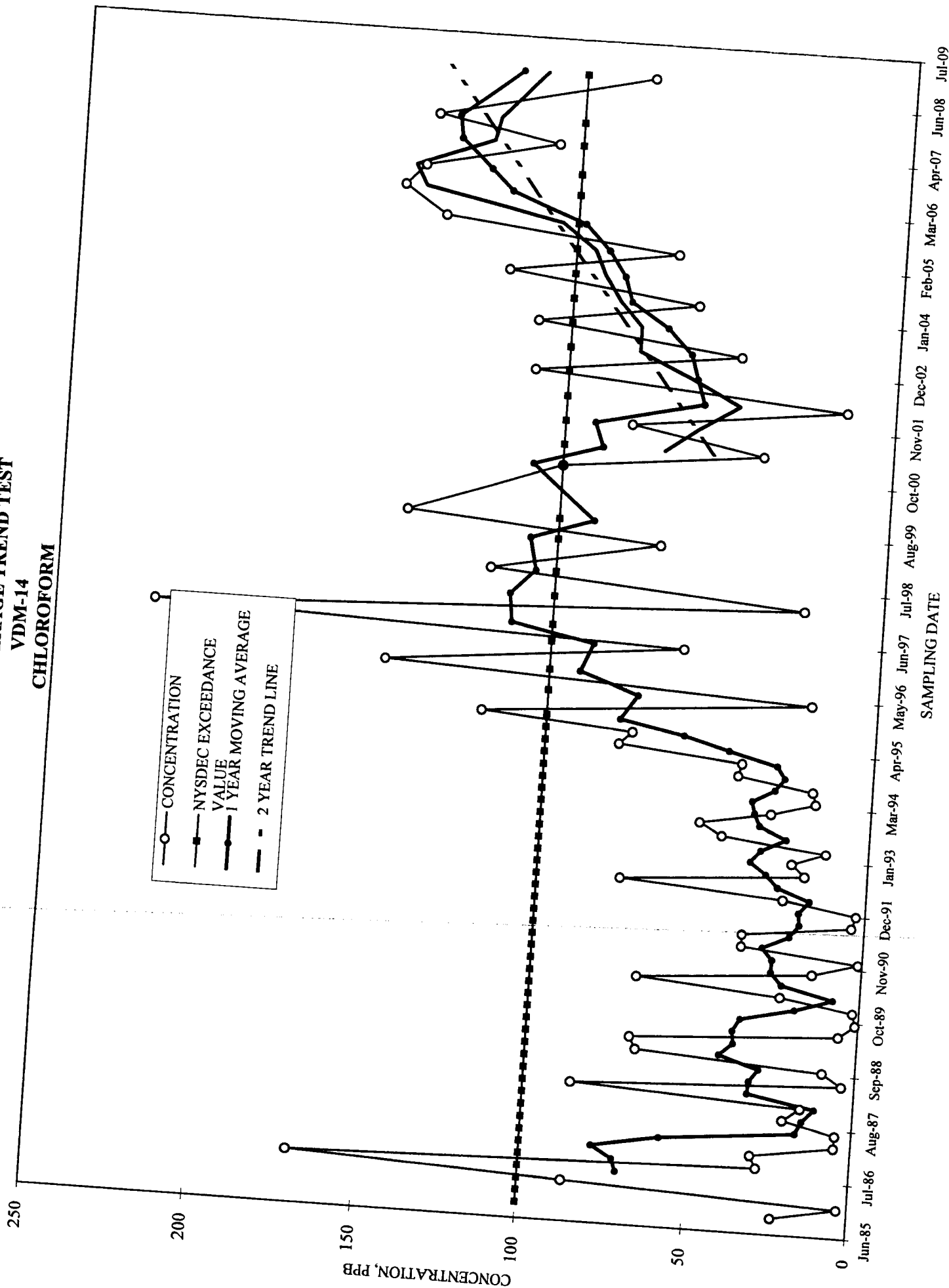
WELL VDM - 14: CHROMIUM				WELL VDM - 14: CHROMIUM			
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE		SAMPLING EVENT NO.
Oct-85	64	8500	50	TOTAL STD	1796.891		1
Jan-86	330	8500	50	TOTAL Sx	224.6114		2
Apr-86	34	8500	50	TOTAL MEAN	1390.123		3
Jul-86	520	8500	50	TOTAL N	65	237.00	4
Oct-86	240	8500	50	TOTAL df	64	281.00	5
Jan-87	190	8500	50			246.00	6
Apr-87	2700	8500	50			912.50	7
Jul-87	5300	8500	50			2107.50	8
Oct-87	8200	8500	50			4097.50	9
Jan-88	8000	8500	50			6050.00	10
Apr-88	5000	8500	50			6625.00	11
Jul-88	2500	8500	50			5925.00	12
Oct-88	1000	8500	50			4125.00	13
Jan-89	510	8500	50			2252.50	14
Apr-89	488	8500	50			1124.50	15
Jul-89	2880	8500	50			1219.50	16
Oct-89	970	8500	50			1212.00	17
Jan-90	650	8500	50			1247.00	18
Apr-90	208	8500	50			1177.00	19
Jul-90	380	8500	50			552.00	20
Oct-90	260	8500	50			374.50	21
Jan-91	406	8500	50			313.50	22
Apr-91	139	8500	50			296.25	23
Jul-91	140	8500	50			236.25	24
Oct-91	395	8500	50			270.00	25
Jan-92	1100	8500	50			443.50	26
Apr-92	100	8500	50			433.75	27
Jul-92	350	8500	50			486.25	28
Oct-92	400	8500	50			487.50	29
Jan-93	420	8500	50			317.50	30
Apr-93	900	8500	50			517.50	31
Jul-93	25	8500	50			436.25	32
Oct-93	100	8500	50			361.25	33
Jan-94	619	8500	50			411.00	34
Apr-94	1730	8500	50			618.50	35
Jul-94	2180	8500	50			1157.25	36
Oct-94	847	8500	50			1344.00	37
Jan-95	276	8500	50			1258.25	38
Apr-95	317	8500	50			905.00	39
Jul-95	430	8500	50			467.50	40
Oct-95	470	8500	2			373.25	41
Apr-96	340	8500	2			395	42
Sep-96	170	8500	5			255	43
Apr-97	800	8500	20			485	44
Aug-97	720	8500	5			760	45
Mar-98	910	8500	10			815	46
Sep-98	3400	8500	10			2155	47
May-99	480	8500	10			1940	48
Oct-99	1160	8500	14			820	49
Nov-00	760	8500	2			960	50
Apr-01	1600	8500	2			1180	51
Oct-01	860	8500	2			1230	52
Apr-02	340	8500	2			600	53
Oct-02	360	8500	2			350	54
Apr-03	300	8500	2			330	55
Oct-03	1700	8500	2			1000	56
Apr-04	1900	8500	4			1800	57
Oct-04	3800	8500	4			2850	58
Apr-05	2000	8500	4			2990	59
Oct-05	4400	8500	4			3200	60
May-06	1620	8500	4			3010	61
Oct-06	1720	8500	4			1670	62
May-07	6100	8500	4			3910	63
Oct-07	2550	8500	4			4325	64
Oct-08	600	8500	4			1575	65

WELL VDM - 14: COPPER				WELL VDM - 14: COPPER			
SAMPLING EVENT	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT	STATISTICS	MOVING AVERAGE	SAMPLING EVENT NO	
Oct-85	200	300	200	TOTAL STD	3714.604	1	
Jan-86	21	300	200	TOTAL Sx	464.3255	2	
Apr-86	14	300	200	TOTAL MEAN	1228.062	3	
Jul-86	15	300	200	TOTAL N	65	4	
Oct-86	28	300	200	TOTAL df	64	5	
Jan-87	22	300	200		19.50	6	
Apr-87	18	300	200		19.75	7	
Jul-87	26	300	200		20.75	8	
Oct-87	50	300	200		23.50	9	
Jan-88	50	300	200		29.00	10	
Apr-88	80	300	200		36.00	11	
Jul-88	60	300	200		51.50	12	
Oct-88	80	300	200		60.00	13	
Jan-89	19	300	200		67.50	14	
Apr-89	16	300	200		59.75	15	
Jul-89	40	300	200		43.75	16	
Oct-89	39	300	200		38.75	17	
Jan-90	50	300	200		28.50	18	
Apr-90	50	300	200		36.25	19	
Jul-90	710	300	200		44.75	20	
Oct-90	50	300	200		212.25	21	
Jan-91	93.3	300	200		215.00	22	
Apr-91	79.7	300	200		225.83	23	
Jul-91	50	300	200		233.25	24	
Oct-91	40	300	200		68.25	25	
Jan-92	30	300	200		65.75	26	
Apr-92	5	300	200		49.93	27	
Jul-92	10	300	200		31.25	28	
Oct-92	10	300	200		21.25	29	
Jan-93	10	300	200		13.75	30	
Apr-93	18	300	200		8.75	31	
Jul-93	1370	300	200		12.00	32	
Oct-93	8000	300	200		352.00	33	
Jan-94	10	300	200		2349.50	34	
Apr-94	15	300	200		2349.50	35	
Jul-94	18	300	200		2348.75	36	
Oct-94	610	300	200		2010.75	37	
Jan-95	10	300	200		163.25	38	
Apr-95	10	300	200		163.25	39	
Jul-95	10	300	200		162.00	40	
Oct-95	10	300	10		160.00	41	
Apr-96	10	300	10		10.00	42	
Sep-96	10	300	10		10	43	
Apr-97	10	300	10		10	44	
Aug-97	320	300	10		10	45	
Mar-98	30	300	20		165	46	
Sep-98	750	300	20		175	47	
May-99	10	300	10		390	48	
Oct-99	106	300	10		380	49	
Nov-00	81	300	5		58	50	
Apr-01	60	300	10		93.5	51	
Oct-01	120	300	10		70.5	52	
Apr-02	470	300	5		90	53	
Oct-02	1600	300	5		295	54	
Apr-03	460	300	5		1035	55	
Oct-03	1400	300	5		1030	56	
Apr-04	1000	300	100		930	57	
Oct-04	3800	300	100		1200	58	
Apr-05	22600	300	100		2400	59	
Oct-05	18100	300	100		13200	60	
May-06	1090	300	100		20350	61	
Oct-06	3970	300	100		9595	62	
May-07	5470	300	100		1245	63	
Oct-07	4110	300	100		2530	64	
Oct-08	2200	300	100		4720	65	
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					3155		
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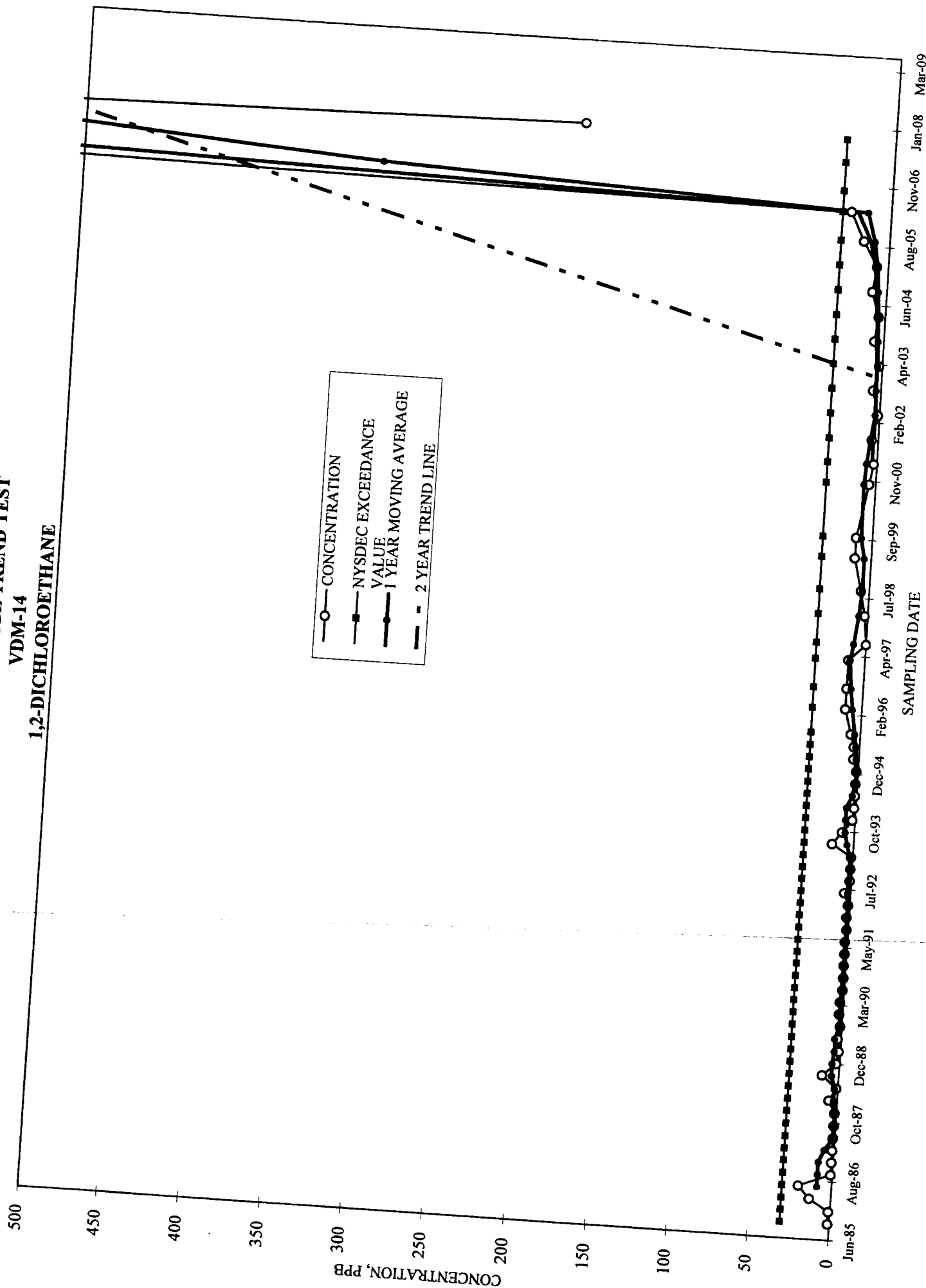
WELL VDM - 14: ZINC

SAMPLING EVENT	WELL VDM - 14: ZINC			STATISTICS	MOVING AVERAGE	WELL VDM - 14: ZINC		
	CONCENTRATION PPB	DEC EXCEEDANCE VALUE	DETECTION LIMIT			SAMPLING EVENT NO		
Oct-85	200	1000	300	TOTAL STD		1		
Jan-86	95	1000	300	TOTAL Sx	32408.64	2		
Apr-86	1500	1000	300	TOTAL MEAN	4115.901	3		
Jul-86	3300	1000	300	TOTAL N	4927	4		
Oct-86	57	1000	300	TOTAL df	63	5		
Jan-87	47	1000	300		1273.75	6		
Apr-87	170	1000	300		1238.00	7		
Jul-87	240	1000	300		1226.00	8		
Oct-87	230	1000	300		893.50	9		
Jan-88	150	1000	300		128.50	10		
Apr-88	470	1000	300		171.75	11		
Jul-88	270	1000	300		197.50	12		
Oct-88	250	1000	300		272.50	13		
Jan-89	510	1000	300		280.00	14		
Apr-89	460	1000	300		285.00	15		
Jul-89	240	1000	300		375.00	16		
Oct-89	300	1000	300		372.50	17		
Jan-90	90	1000	300		365.00	18		
Apr-90	330	1000	300		377.50	19		
Jul-90	490	1000	300		272.50	20		
Oct-90	260	1000	300		240.00	21		
Jan-91	545	1000	300		302.50	22		
Apr-91	550	1000	300		292.50	23		
Jul-91	530	1000	300		406.25	24		
Oct-91	60	1000	300		461.25	25		
Jan-92	100	1000	300		471.25	26		
Apr-92	91	1000	300		421.25	27		
Jul-92	480	1000	300		310.00	28		
Oct-92	31	1000	300		195.25	29		
Jan-93	40	1000	300		182.75	30		
Apr-93	47	1000	300		175.50	31		
Jul-93	506	1000	300		160.50	32		
Oct-93	810	1000	300		149.50	33		
Jan-94	24	1000	300		156.00	34		
Apr-94	141	1000	300		350.75	35		
Jul-94	142	1000	300		346.75	36		
Oct-94	200	1000	300		370.25	37		
Jan-95	170	1000	300		279.25	38		
Apr-95	869	1000	300		126.75	39		
Jul-95	889	1000	300		163.25	40		
Oct-95	1200	1000	300		345.25	41		
Apr-96	140	1000	20		532.00	42		
Sep-96	1600	1000	20		782.00	43		
Apr-97	260000	1000	20		592.25	44		
Aug-97	2650	1000	50		870	45		
Mar-98	470	1000	20		870	46		
Sep-98	2900	1000	10		130800	47	9/17/1996	semiannual
May-99	727	1000	10		131325	48	4/3/1997	semiannual
Oct-99	2320	1000	16		1560	49	8/27/1997	semiannual
Nov-00	1200	1000	16		1685	50	3/24/1998	semiannual
Apr-01	370	1000	26		1813.5	51	9/22/1998	semiannual
Oct-01	830	1000	26		1523.5	52	5/11/1999	semiannual
Apr-02	2200	1000	20		1760	53	10/5/1999	semiannual
Oct-02	1600	1000	20		785	54	11/28/2000	semiannual
Apr-03	960	1000	20		600	55	4/4/2001	semiannual
Oct-03	1000	1000	20		1515	56	10/18/2001	semiannual
Apr-04	640	1000	20		1900	57	4/18/2002	semiannual
Oct-04	1200	1000	20		1280	58	10/3/2002	semiannual
Apr-05	1400	1000	20		980	59	4/25/2003	semiannual
Oct-05	2500	1000	20		820	60	10/3/2003	semiannual
May-06	1580	1000	20		920	61	4/1/2004	semiannual
Oct-06	1700	1000	20		1300	62	10/19/2004	semiannual
May-07	5330	1000	20		1200	63	4/22/2005	semiannual
Oct-07	1230	1000	20		1950	64	10/7/2005	semiannual
Oct-08	800	1000	20		2040	65	5/11/2006	semiannual
					1640		10/18/2006	semiannual
					3515		5/22/2007	semiannual
					3280		10/25/2007	semiannual
					1015		10/24/2008	semiannual

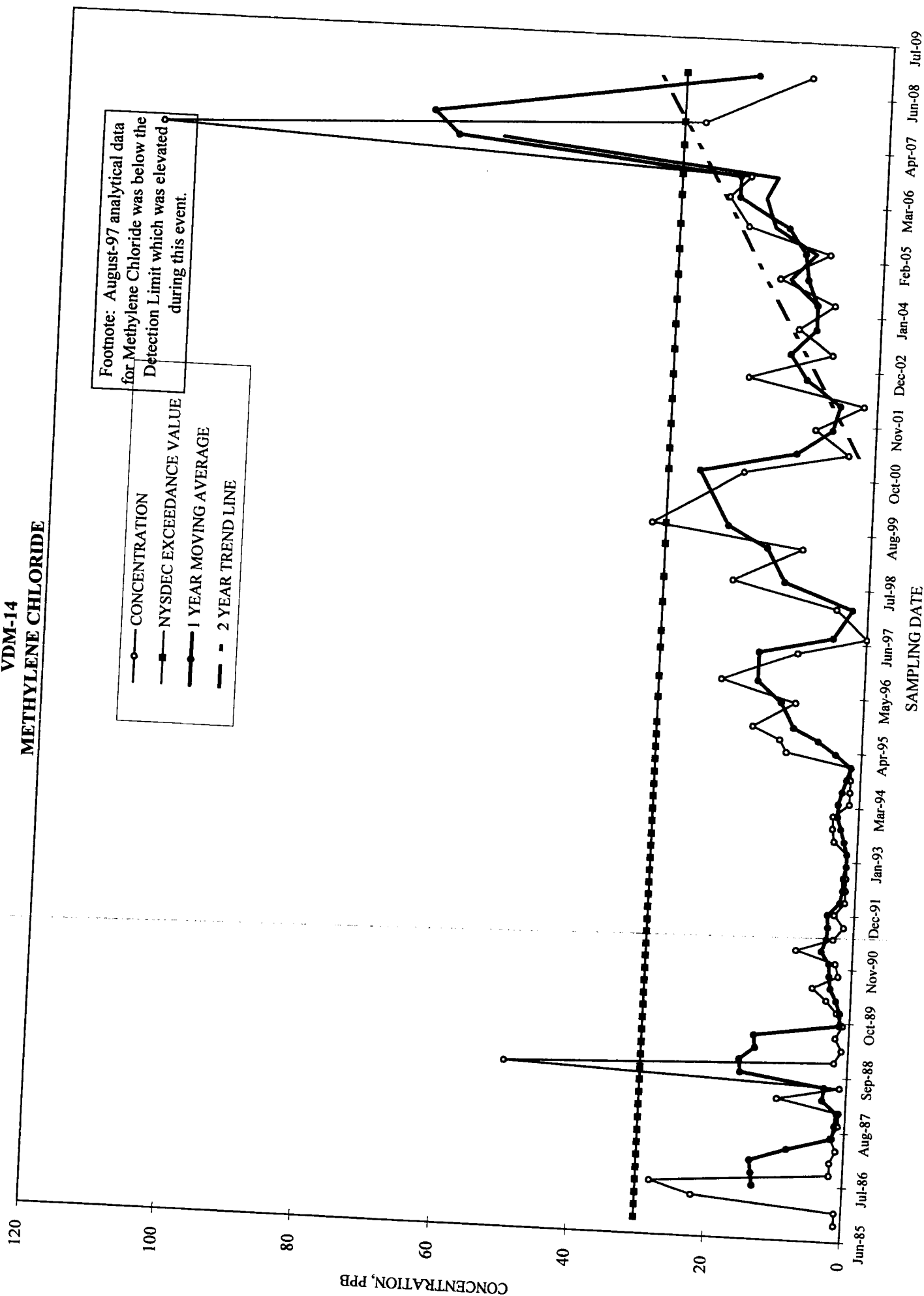
MOVING AVERAGE TREND TEST
VDM-14
CHLOROFORM



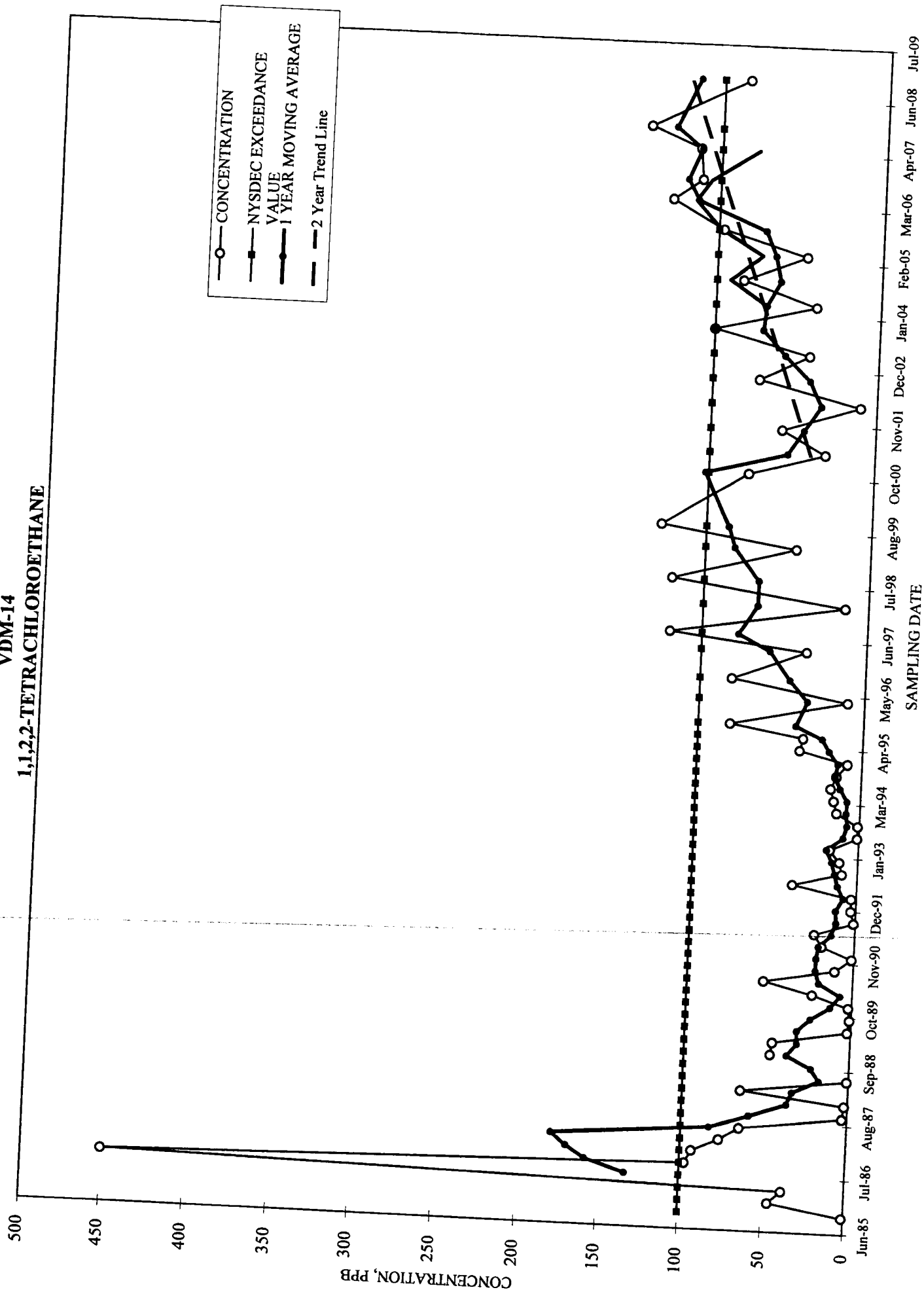
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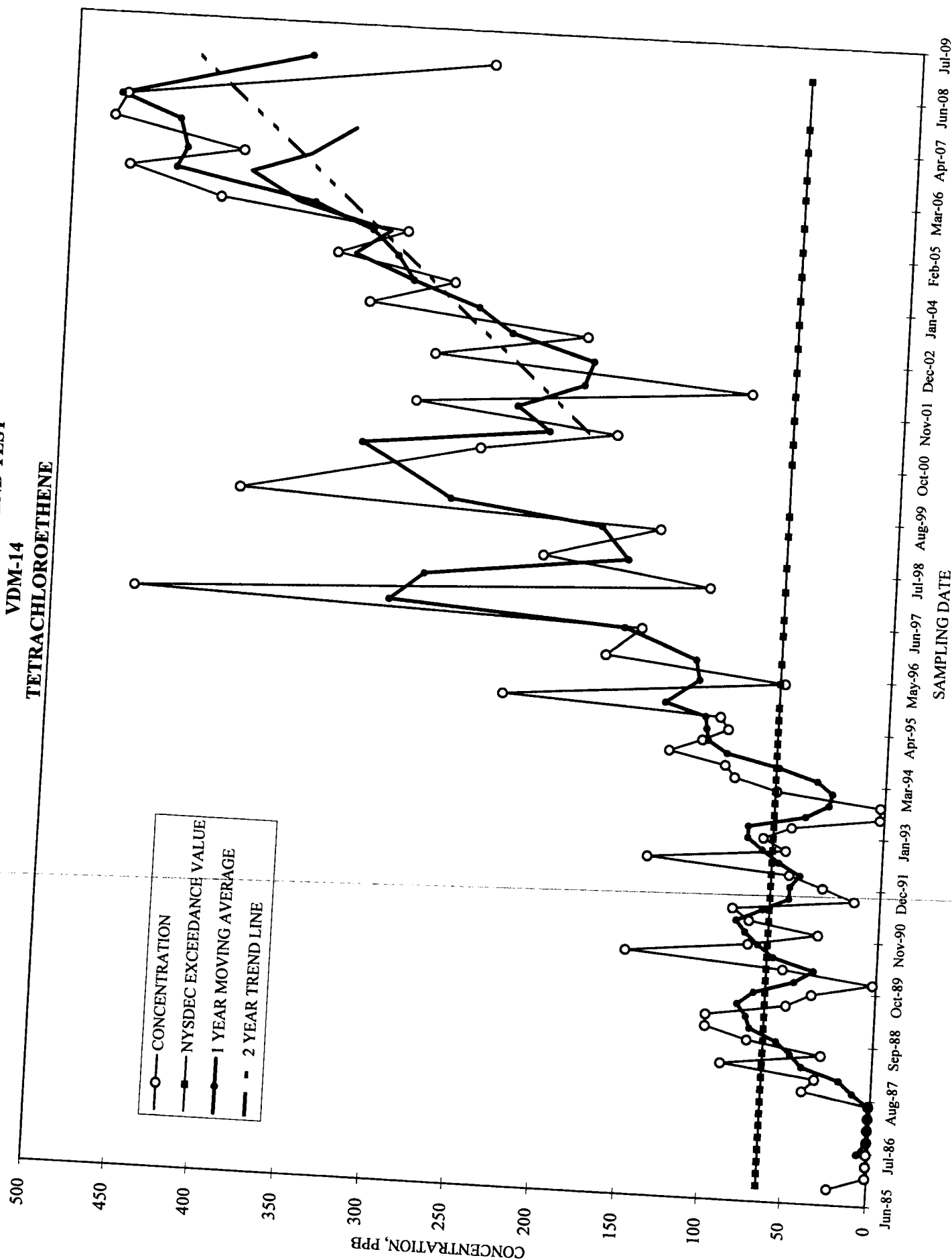
MOVING AVERAGE TREND TEST VDM-14 METHYLENE CHLORIDE



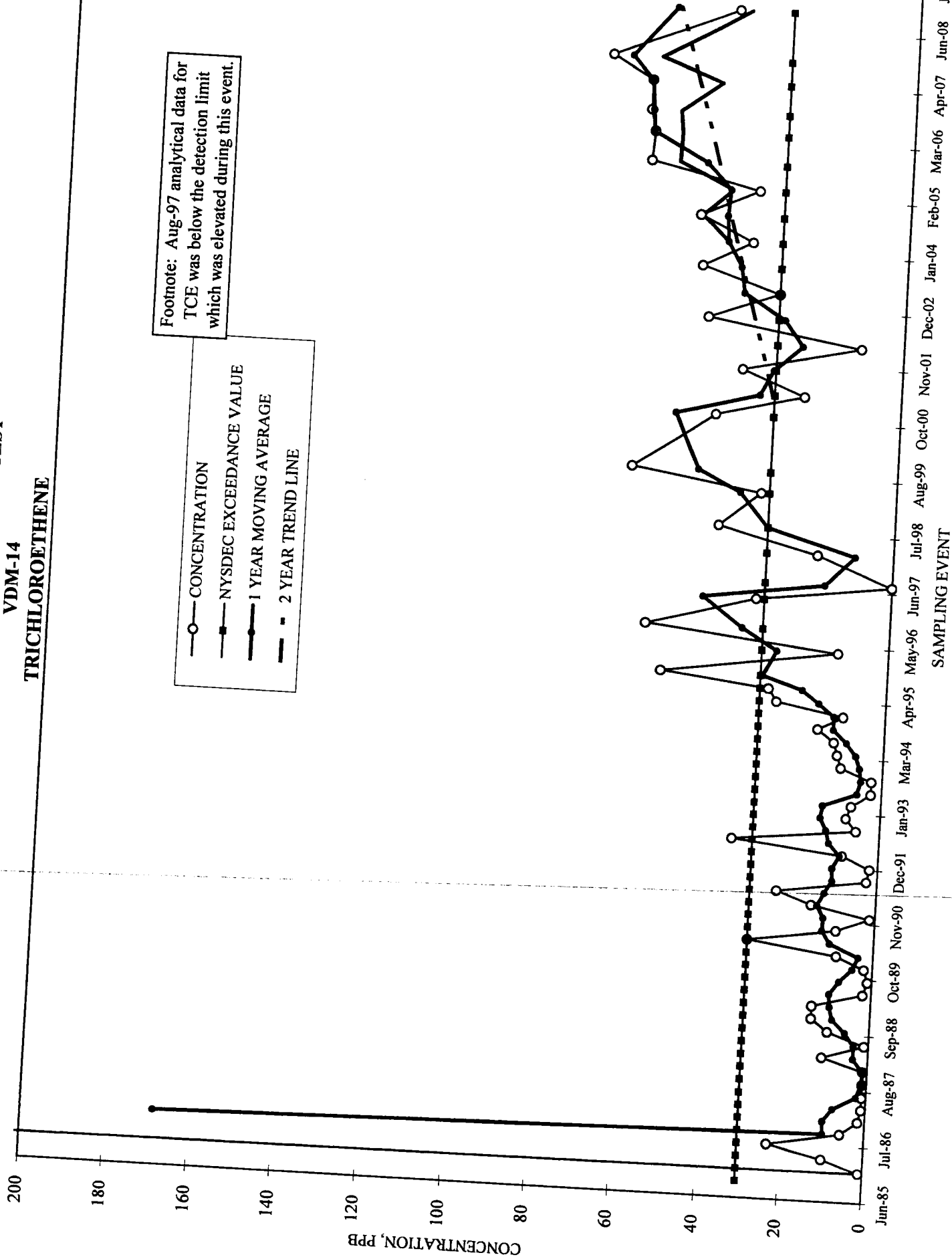
MOVING AVERAGE TREND TEST VDM-14 1,1,2,2-TETRACHLOROETHANE



MOVING AVERAGE TREND TEST VDM-14 TETRACHLOROETHENE



MOVING AVERAGE TREND TEST VDM-14 TRICHLOROETHENE

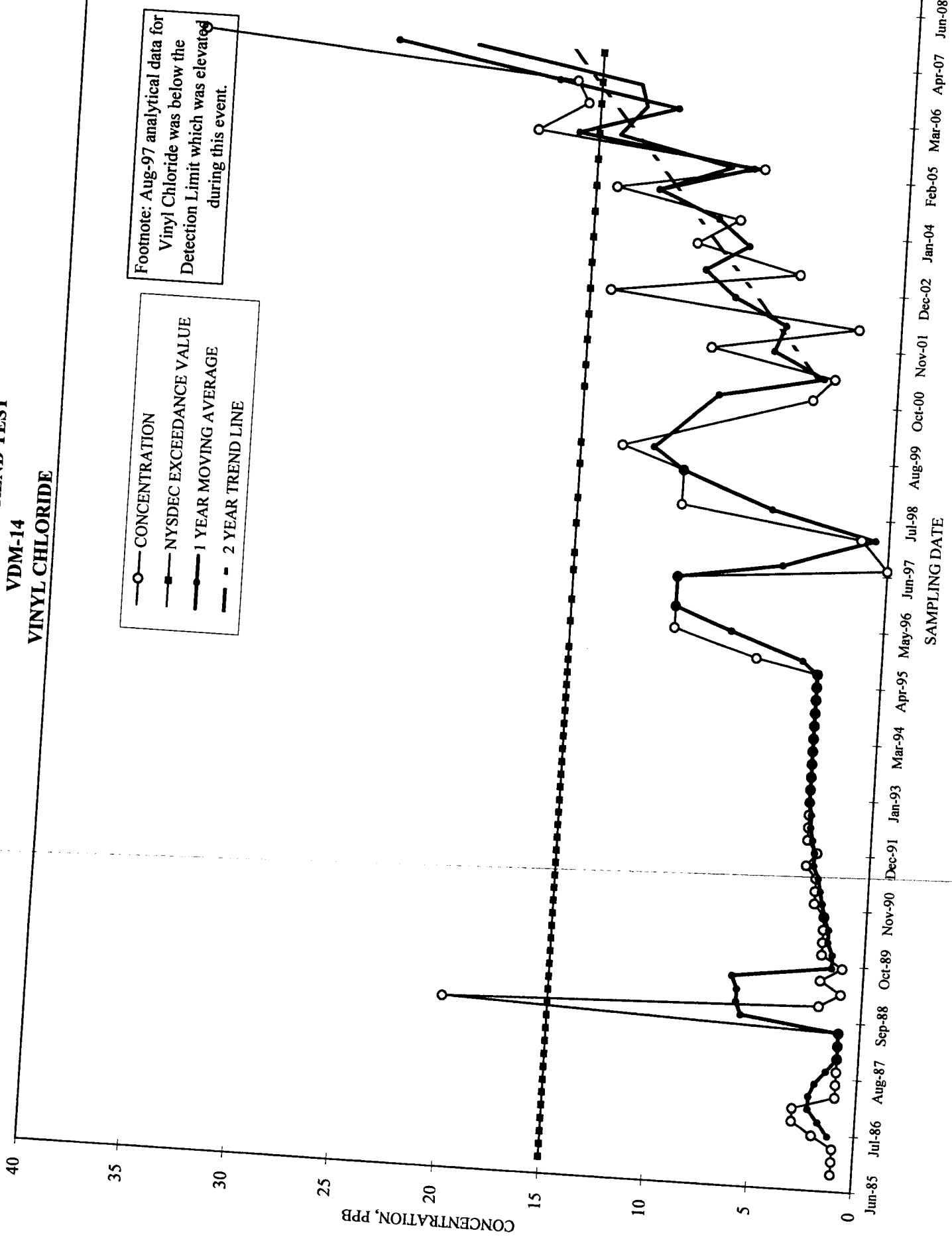


Footnote: Aug-97 analytical data for TCE was below the detection limit which was elevated during this event.

- CONCENTRATION
- NYSDEC EXCEEDANCE VALUE
- 1 YEAR MOVING AVERAGE
- - - 2 YEAR TREND LINE

SAMPLING EVENT

MOVING AVERAGE TREND TEST VDM-14 VINYL CHLORIDE



MOVING AVERAGE TREND TEST VDM-14 TOLUENE

100

90

80

70

CONCENTRATION, PPB

60

50

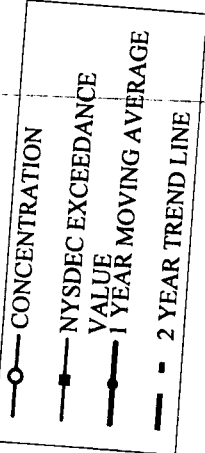
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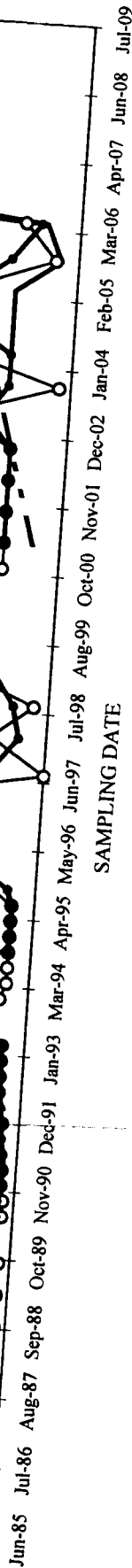
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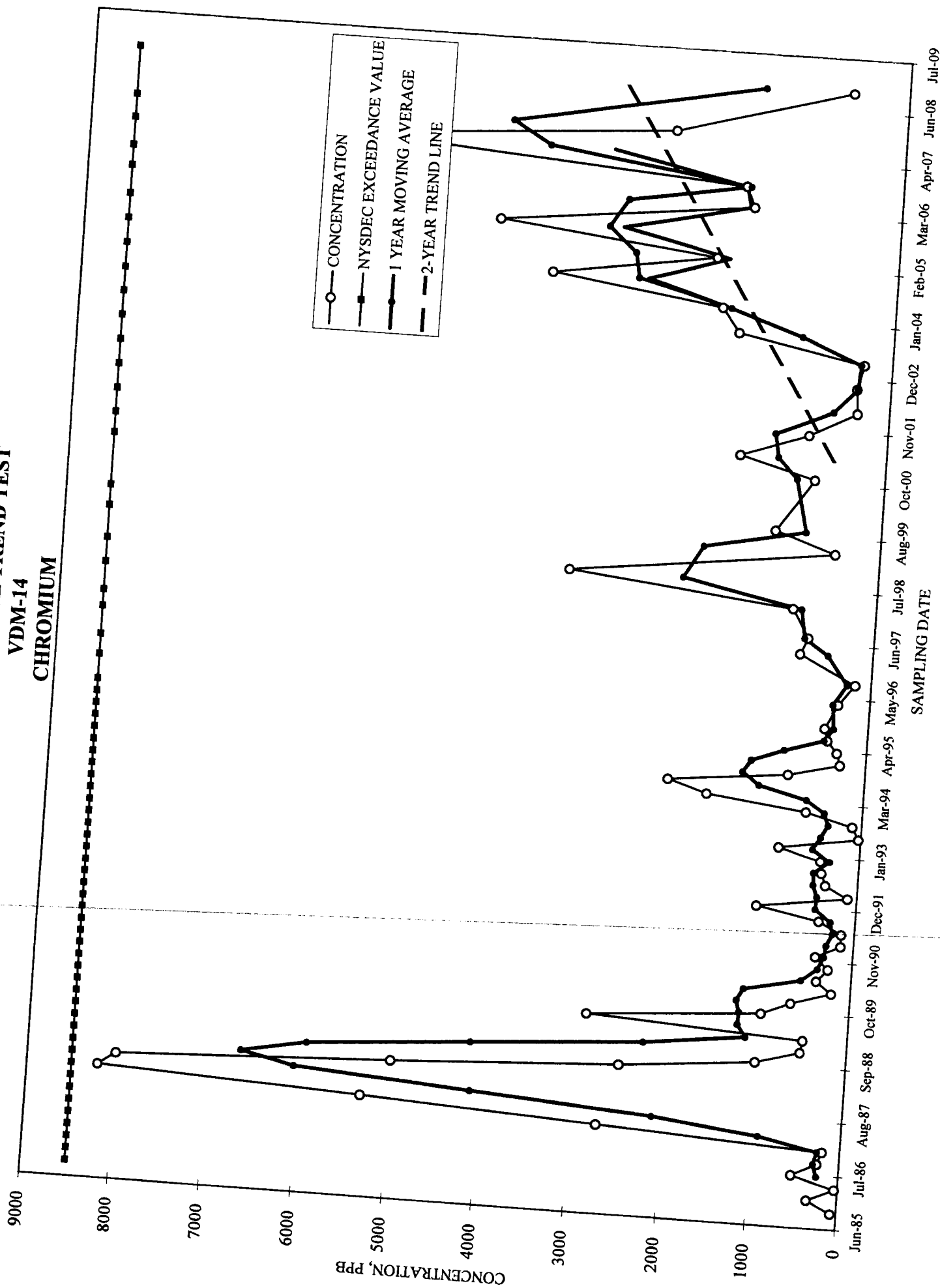
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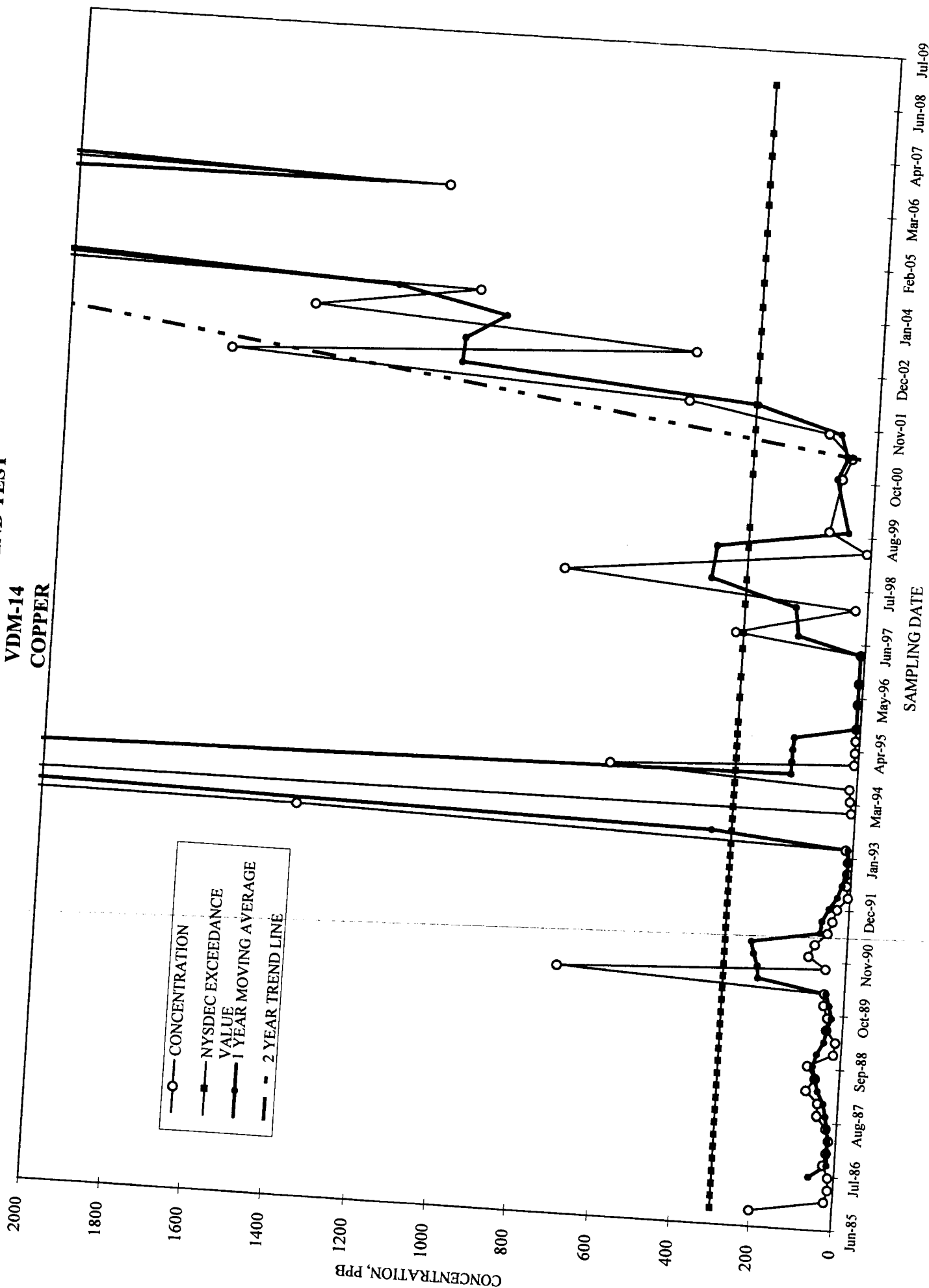
Footnote: Aug-97 analytical data for Toluene was below the Detection Limit which was elevated during this event.



MOVING AVERAGE TREND TEST VDM-14 CHROMIUM



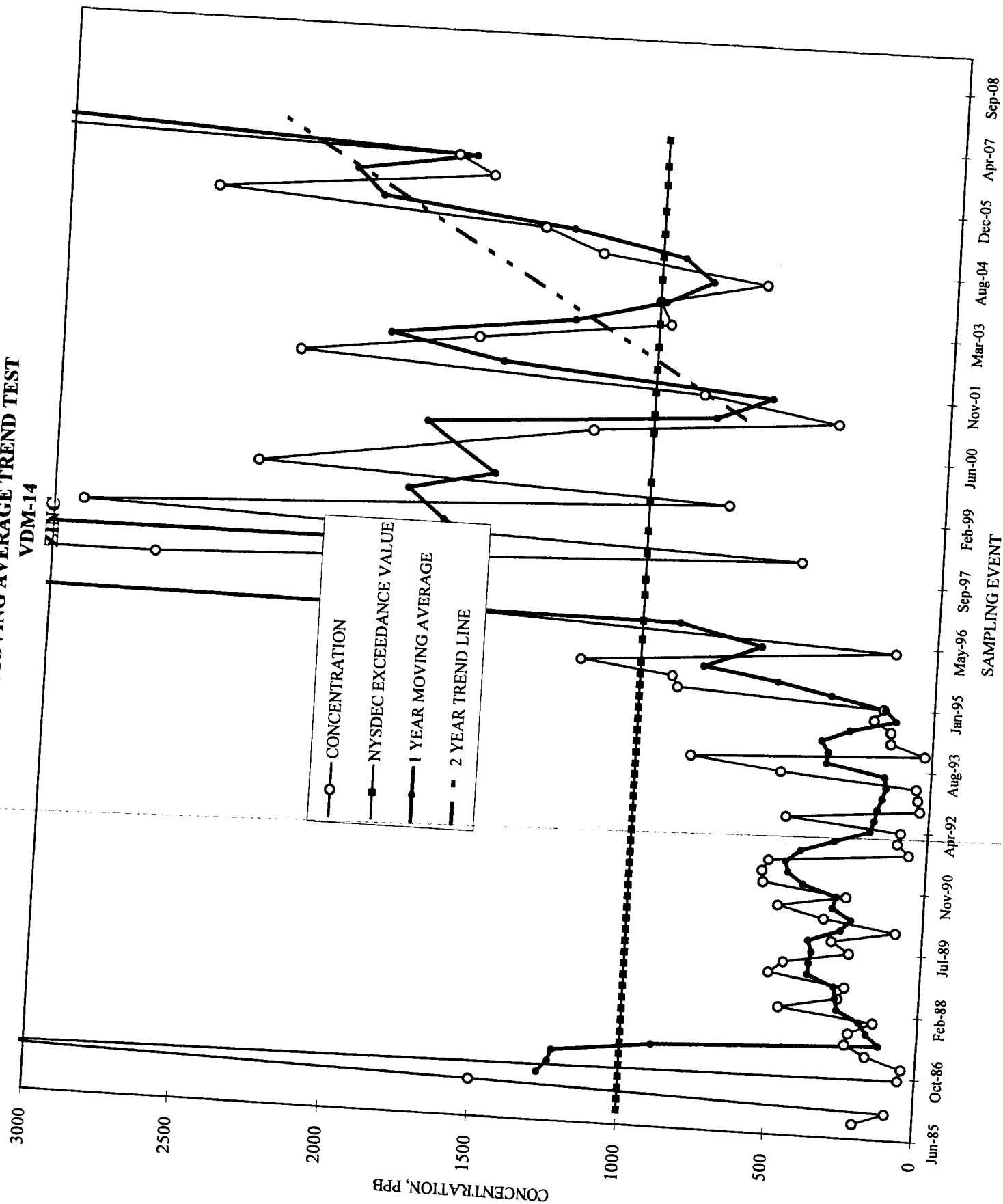
MOVING AVERAGE TREND TEST VDM-14 COPPER



MOVING AVERAGE TREND TEST

VDM-14

ZINC



IsleChem, LLC Analysis Report

Client: Pamela J Cook
VandeMark Chemical, Inc.

Project: Semi-Annual Groundwater Sampling

VandeMark Chemical Landfill

One North Transit Road
Lockport, NY 14094-2399

Report Date: Friday, November 07, 2008

Report ID: NY810194.0.13931

PO# / Release# /

Reference #:

Sample Date: Thursday, October 23, 2008

Sample Time: 12:05:00 PM

Report Status: Final

Phase:

Batch: --

Contact

Pamela Cook

Authorized Signature:



☒ Richard V. Finn, Manager of Chemical Testing

☐ Martin Ruzsaj, Director of Chemical Testing

The following result table is for 7 samples received by IsleChem LLC on 10/23/2008 sampled by Scott Hammond of IsleChem LLC on 10/23/2008.
Also enclosed is the paperwork submitted with the samples.

Notes:

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
1	79443 / 153419 - 153422	VDM - 10 / Field Grab - Ground Water					
Analyte Group / Method			Chromium, Total	0.038	mg/L	RVF	11/6/2008
EPA 200.7 Rev 4.4							

IsleChem LLC

2801 Long Road, Grand Island NY 14072

(716) 773-8401

NYS DOH ELAP ID# 11862

Project: NY810194.0.13931

Visit us on the web at www.islechem.com

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
1	79443 / 153419 - 153422	VDM - 10 / Field Grab - Ground Water					
Analyte Group / Method							
Copper, Total							
EPA 200.7 Rev 4.4			Copper, Total	0.417	mg/L	RVF	11/6/2008
Iron, Total							
EPA 200.7 Rev 4.4			Iron, Total	48.8	mg/L	RVF	11/6/2008
Zinc, Total							
EPA 200.7 Rev 4.4			Zinc, Total	1.49	mg/L	RVF	11/6/2008
VandeMark 9 GW Volatiles							
EPA 8260B			1,1,2,2-Tetrachloroethane	<3.9	ug/L	RS	10/30/2008
			Chloroform	<8.1	ug/L	RS	10/30/2008
			cis-1,2-Dichloroethene	<5.0	ug/L	RS	10/30/2008
			Methylene chloride	<5.8	ug/L	RS	10/30/2008
			Tetrachloroethene	<4.3	ug/L	RS	10/30/2008
			Toluene	9.3	ug/L	RS	10/30/2008
			trans-1,2-Dichloroethene	<3.6	ug/L	RS	10/30/2008
			Trichloroethene	<6.2	ug/L	RS	10/30/2008
			Vinyl chloride	<8.1	ug/L	RS	10/30/2008
Chloride							
SM 18-20 4500-Cl- B (97)			Chloride	9000	mg/L	MF	10/27/2008

end of Lab ID number 79443

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
2	79444 / 153423 - 153426	VDM - 11 / Field Grab - Ground Water					
Analyte Group / Method							
Chromium, Total							
EPA 200.7 Rev 4.4			✓ Chromium, Total	0.042	mg/L	RVF	11/6/2008
Copper, Total							
EPA 200.7 Rev 4.4			✓ Copper, Total	0.335	mg/L	RVF	11/6/2008
Iron, Total							
EPA 200.7 Rev 4.4			Iron, Total	10.5	mg/L	RVF	11/6/2008
Zinc, Total							
EPA 200.7 Rev 4.4			Zinc, Total	0.122	mg/L	RVF	11/6/2008
VandeMark 9 GW Volatiles							
EPA 8260B			✓ 1,1,2,2-Tetrachloroethane	<3.9	ug/L	RS	10/30/2008
			✓ Chloroform	<8.1	ug/L	RS	10/30/2008
			✓ cis-1,2-Dichloroethene	<5.0	ug/L	RS	10/30/2008
			✓ Methylene chloride	<5.8	ug/L	RS	10/30/2008
			✓ Tetrachloroethene	5.5	ug/L	RS	10/30/2008
			✓ Toluene	<4.9	ug/L	RS	10/30/2008
			✓ trans-1,2-Dichloroethene	<3.6	ug/L	RS	10/30/2008
			✓ Trichloroethene	<6.2	ug/L	RS	10/30/2008
			✓ Vinyl chloride	<8.0	ug/L	RS	10/30/2008

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
2	79444 / 153423 - 153426	VDM - 11 / Field Grab - Ground Water					
Analyte Group / Method			Analyte	Results	Units	Analyst	Date
Chloride							
SM 18-20 4500-Cl- B (97)			Chloride	1150	mg/L	MF	10/27/2008

end of Lab ID number 79444

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
3	79445 / 153427 - 153430	VDM - 14 / Field Grab - Ground Water					
Analyte Group / Method			Chromium, Total	0.600	mg/L	RVF	11/6/2008
EPA 200.7 Rev 4.4							
Copper, Total			Copper, Total	0.200	mg/L	RVF	11/6/2008
EPA 200.7 Rev 4.4							
Iron, Total			Iron, Total	747	mg/L	RVF	11/6/2008
EPA 200.7 Rev 4.4							
Zinc, Total			Zinc, Total	1.35	mg/L	RVF	11/6/2008
EPA 200.7 Rev 4.4							
VandeMark 9 GW Volatiles							
EPA 8260B			1,1,2,2-Tetrachloroethane	84.7	ug/L	RS	10/30/2008
			Chloroform	79.4	ug/L	RS	10/30/2008
			cis-1,2-Dichloroethene	788	ug/L	RS	10/30/2008
			Methylene chloride	11.7	ug/L	RS	10/30/2008
			Tetrachloroethene	253	ug/L	RS	10/30/2008
			Toluene	<4.9	ug/L	RS	10/30/2008
			trans-1,2-Dichloroethene	11.2	ug/L	RS	10/30/2008
			Trichloroethene	42.9	ug/L	RS	10/30/2008
			Vinyl chloride	14.8	ug/L	RS	10/30/2008

Sample ID	Lab ID / Vessel	Location / Description	Results	Units	Analyst	Date
3	79445 / 153427 - 153430	VDM - 14 / Field Grab - Ground Water				
Analyte Group / Method	Analyte					
Chloride						
SM 18-20 4500-Cl- B (97)	Chloride		11,200	mg/L	MF	10/27/2008

end of Lab ID number 79445

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
4	79446 / 153431 - 153434	Eighteen Mile Creek / Field Grab - Ground Water					
Analyte Group / Method							
Chromium, Total							
EPA 200.7 Rev 4.4			Chromium, Total	<0.01	mg/L	RVF	11/6/2008
Copper, Total							
EPA 200.7 Rev 4.4			Copper, Total	0.025	mg/L	RVF	11/6/2008
Iron, Total							
EPA 200.7 Rev 4.4			Iron, Total	0.280	mg/L	RVF	11/6/2008
Zinc, Total							
EPA 200.7 Rev 4.4			Zinc, Total	0.012	mg/L	RVF	11/6/2008
VandeMark 9 GW Volatiles							
EPA 8260B			1,1,2,2-Tetrachloroethane	<3.9	ug/L	RS	10/30/2008
			Chloroform	<8.1	ug/L	RS	10/30/2008
			cis-1,2-Dichloroethene	<5.0	ug/L	RS	10/30/2008
			Methylene chloride	<5.8	ug/L	RS	10/30/2008
			Tetrachloroethene	<4.3	ug/L	RS	10/30/2008
			Toluene	<4.9	ug/L	RS	10/30/2008
			trans-1,2-Dichloroethene	<3.6	ug/L	RS	10/30/2008
			Trichloroethene	<6.2	ug/L	RS	10/30/2008
			Vinyl chloride	<8.0	ug/L	RS	10/30/2008

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
4	79446 / 153431 - 153434	Eighteen Mile Creek / Field Grab - Ground Water					
Analyte Group / Method			Analyte	Results	Units	Analyst	Date
Chloride							
SM 18-20 4500-Cl- B (97)			Chloride	43	mg/L	MF	10/27/2008

end of Lab ID number 79446

Sample ID Lab ID / Vessel Location / Description
5 79447 / 153435 - 153438 D - 55 / Field Grab - Ground Water

Analyte Group / Method	Analyte	Results	Units	Analyst	Date
Chromium, Total EPA 200.7 Rev 4.4	Chromium, Total	<0.01	mg/L	RVF	11/6/2008
Copper, Total EPA 200.7 Rev 4.4	Copper, Total	0.023	mg/L	RVF	11/6/2008
Iron, Total EPA 200.7 Rev 4.4	Iron, Total	1.27	mg/L	RVF	11/6/2008
Zinc, Total EPA 200.7 Rev 4.4	Zinc, Total	0.032	mg/L	RVF	11/6/2008
VandeMark 9 GW Volatiles EPA 8260B	1,1,2,2-Tetrachloroethane	<3.9	ug/L	RS	10/30/2008
	Chloroform	<8.1	ug/L	RS	10/30/2008
	cis-1,2-Dichloroethene	<5.0	ug/L	RS	10/30/2008
	Methylene chloride	<5.8	ug/L	RS	10/30/2008
	Tetrachloroethene	<4.3	ug/L	RS	10/30/2008
	Toluene	<4.9	ug/L	RS	10/30/2008
	trans-1,2-Dichloroethene	<3.6	ug/L	RS	10/30/2008
	Trichloroethene	<6.2	ug/L	RS	10/30/2008
	Vinyl chloride	<8.0	ug/L	RS	10/30/2008

Sample ID Lab ID / Vessel Location / Description
5 79447 / 153435 - 153438 D - 55 / Field Grab - Ground Water

Analyte Group / Method	Analyte	Results	Units	Analyst	Date
Chloride					
SM 18-20 4500-Cl- B (97)	Chloride	18	mg/L	MF	10/27/2008

end of Lab ID number 79447

Sample ID Lab ID / Vessel Location / Description
6 79448 / 153439 Trip Blank / Trip Blank - DI Water

Analyte Group / Method	Analyte	Results	Units	Analyst	Date
VandeMark 9 GW Volatiles					
EPA 8260B					
	1,1,2,2-Tetrachloroethane	<3.9	ug/L	RS	10/30/2008
	Chloroform	<8.1	ug/L	RS	10/30/2008
	cis-1,2-Dichloroethene	<5.0	ug/L	RS	10/30/2008
	Methylene chloride	<5.8	ug/L	RS	10/30/2008
	Tetrachloroethene	<4.3	ug/L	RS	10/30/2008
	Toluene	<4.9	ug/L	RS	10/30/2008
	trans-1,2-Dichloroethene	<3.6	ug/L	RS	10/30/2008
	Trichloroethene	<6.2	ug/L	RS	10/30/2008
	Vinyl chloride	<8.0	ug/L	RS	10/30/2008

end of Lab ID number 79448

Sample ID	Lab ID / Vessel	Location / Description	Analyte	Results	Units	Analyst	Date
7	79449 / 153440 - 153443	Dup of VDM - 10 / Field Grab - Ground Water					
Analyte Group / Method							
Chromium, Total							
EPA 200.7 Rev 4.4			Chromium, Total	0.039	mg/L	RVF	11/6/2008
Copper, Total							
EPA 200.7 Rev 4.4			Copper, Total	0.420	mg/L	RVF	11/6/2008
Iron, Total							
EPA 200.7 Rev 4.4			Iron, Total	49.1	mg/L	RVF	11/6/2008
Zinc, Total							
EPA 200.7 Rev 4.4			Zinc, Total	1.51	mg/L	RVF	11/6/2008
VandeMark 9 GW Volatiles							
EPA 8260B			1,1,2,2-Tetrachloroethane	<3.9	ug/L	RS	10/30/2008
			Chloroform	<8.1	ug/L	RS	10/30/2008
			cis-1,2-Dichloroethene	<5.0	ug/L	RS	10/30/2008
			Methylene chloride	<5.8	ug/L	RS	10/30/2008
			Tetrachloroethene	<4.3	ug/L	RS	10/30/2008
			Toluene	9.7	ug/L	RS	10/30/2008
			trans-1,2-Dichloroethene	<3.6	ug/L	RS	10/30/2008
			Trichloroethene	<6.2	ug/L	RS	10/30/2008
			Vinyl chloride	<8.0	ug/L	RS	10/30/2008

Sample ID	Lab ID / Vessel	Location / Description	Results	Units	Analyst	Date
7	79449 / 153440 - 153443	Dup of VDM - 10 / Field Grab - Ground Water				
Analyte Group / Method	Analyte	Results	Units	Analyst	Date	
Chloride						
SM 18-20 4500-Cl- B (97)	Chloride	9000	mg/L	MF	10/27/2008	

end of Lab ID number 79449

General Disclaimer

•The test results are submitted pursuant to IsleChem LLC's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

•This report is issued for the benefit of and may be relied upon by the client named above. The client bears full responsibility for deciding the level of testing for sample submitted to IsleChem LLC.

•These results pertain only to the items tested.

•This report shall not be reproduced except in full.

•If the sample(s) represented by these test results were not collected by IsleChem LLC then the test results are limited to the reported values determine by the analytical testing process. IsleChem LLC makes no representation regarding the sample's collection technique, condition, volume, homogeneity or any other aspect of the sample(s) prior to IsleChem LLC taking possession of the sample(s) and the influence it may have on the results.

•Unless notified in writing to return the samples covered by this report IsleChem LLC will store what remains of the sample(s), if anything, for a period of 60 days before discarding, unless otherwise required by law. A shipping and handling fee with be charged for the return of any sample(s).

•Certain analytes may not be covered by the NYS DOH or NELAP fields of accreditation. Results for those analytes are generated by the cited method using QA/QC guidelines from IsleChem's Quality Control Manual, where applicable.

The test results in this report meet all NELAP requirements for parameters that are within IsleChem's field of accreditation. Any exceptions to NELAP requirements are noted in the comments field.

IsleChem, LLC
 2801 Long Road
 Grand Island
 New York 14072
 Tel: (716) 773-8401
 Fax: (716) 773-8517

VandeMark Chemical, Inc.
NY810194

SAMPLING DATA

EIGHTEEN MILE CREEK

SAMPLE DATE: October 23, 2008

SAMPLE TIME: 12:51 PM

pH: 7.66

TEMPERATURE: 10° C

WEATHER CONDITIONS: Sunny & 43° F

SAMPLER(S): Scott Hammond / Jacob LaLiberty

*IsleChem, LLC.
2801 Long Road
Grand Island, NY 14072*

1281

18 mil Creek 7.60 10°C

Attachment II-B
Well Purging / Sampling Data

WELL D-55:

WELL PURGING DATA:

START TIME: 8:50 FINISH TIME: 9:05 DATE: 10/23

A: MP ELEVATION 469.45 FEET

B: DEPTH TO WATER: 30.3 36.3 FEET

C: DEPTH OF WELL INSTALLED: 422.40

D: STATIC WATER LEVEL: C - D = 10.75 FEETE: WELL VOLUME: $E * 0.1636 =$ 1.7583 GALLONS 8.2 / 3.5F: DEPTH OF WELL AS MEASURED: 32.5 FEET

WELL SAMPLING DATA:

DATE: _____

START TIME: 1312 FINISH TIME: 1317

A: MP ELEVATION 469.45 FEET

B: DEPTH TO WATER: 33.7 FEET

C: DEPTH OF WELL INSTALLED: 422.40

D: STATIC WATER LEVEL: C - D = 13.5 FEETE: WELL VOLUME: $E * 0.1636 =$ 2.16 GALLONSF: DEPTH OF WELL AS MEASURED: 47.05 FEETG: pH OF SAMPLE: 7.42 pH / °CH: pH METER CALIBRATED? YES ☒ NO ☐

I: SAMPLES OBTAINED:

1 - TOTAL METALS, 1 - TOTAL CHLORIDES, 2 - VOA's

J: WEATHER CONDITIONS: SunnyK: SAMPLER(S): Scott Hammett / Sarah LeLiberty

L: COMMENTS: _____

Well Purging / Sampling Data

WELL VDM-9:

WELL PURGING DATA:

DATE: 11/27

START TIME: 9:15 FINISH TIME: _____

A: MP ELEVATION 447.37 FEET

B: DEPTH TO WATER: 28.2 FEET

C: DEPTH OF WELL INSTALLED: 416.40

D: STATIC WATER LEVEL: C - D = 4.7 FEET

E: WELL VOLUME: $E * 0.1636 =$.76 ^{x3} GALLONS 2.3

F: DEPTH OF WELL AS MEASURED: 30.5 FEET

WELL SAMPLING DATA:

DATE: _____

START TIME: _____ FINISH TIME: _____

A: MP ELEVATION 447.37 FEET

B: DEPTH TO WATER: _____ FEET

C: DEPTH OF WELL INSTALLED: 416.40

D: STATIC WATER LEVEL: C - D = _____ FEET

E: WELL VOLUME: $E * 0.1636 =$ _____ GALLONS

F: DEPTH OF WELL AS MEASURED: _____ FEET

G: pH OF SAMPLE: _____ pH

H: pH METER CALIBRATED? YES ☐ NO ☐

I: SAMPLES OBTAINED:

1 - TOTAL METALS, 1 - TOTAL CHLORIDES, 2 - VOA's

J: WEATHER CONDITIONS: Sunny

K: SAMPLER(S): Scuba Hand / Scuba Leathers

L: COMMENTS: Bailer in well / The Bailer is stuck in the well

No Sample Taken

Well Purging / Sampling Data

WELL VDM-10

WELL PURGING DATA:

START TIME: 11:20 FINISH TIME: 11:35

DATE: 10/23

A: MP ELEVATION 444.89 FEET

B: DEPTH TO WATER:

33.8 FEET

C: DEPTH OF WELL INSTALLED: 398.70

D: STATIC WATER LEVEL: C - D =

13.3 FEET

E: WELL VOLUME: $E * 0.1636 =$

2.17 $\times 1$ GALLONS

F: DEPTH OF WELL AS MEASURED:

47.1 FEET

WELL SAMPLING DATA:

START TIME: 1332 FINISH TIME: 1340

A: MP ELEVATION 444.89 FEET

B: DEPTH TO WATER:

34.2 FEET

C: DEPTH OF WELL INSTALLED: 398.70

D: STATIC WATER LEVEL: C - D =

12.4 FEET

E: WELL VOLUME: $E * 0.1636 =$

2.17 GALLONS

F: DEPTH OF WELL AS MEASURED:

47 FEET

G: pH OF SAMPLE:

6.09 pH

H: pH METER CALIBRATED? YES ☒ NO ☐

I: SAMPLES OBTAINED:

1 - TOTAL METALS, 1 - TOTAL CHLORIDES, 2 - VOA's

J: WEATHER CONDITIONS: Sunny

K: SAMPLER(S):

Scott Hand / Scott LeLibour

L: COMMENTS:

The Dup sample was taken @ 14' in

Well Purging / Sampling Data

WELL VDM-11

WELL PURGING DATA:

DATE: 10/23/08

START TIME: 1100 FINISH TIME: 1145

A: MP ELEVATION 450.74 FEET

B: DEPTH TO WATER: 20.3 FEET

C: DEPTH OF WELL INSTALLED: 427.70

D: STATIC WATER LEVEL: C - D = 4.1 FEET

E: WELL VOLUME: $E * 0.1636 =$.6745 GALLONS ≈ 0.345

F: DEPTH OF WELL AS MEASURED: 24.4 FEET

WELL SAMPLING DATA:

DATE: 10/23/08

START TIME: 1345 FINISH TIME: 1400

A: MP ELEVATION 450.74 FEET

B: DEPTH TO WATER: 22.2 FEET

C: DEPTH OF WELL INSTALLED: 427.70

D: STATIC WATER LEVEL: C - D = 1.6 FEET

E: WELL VOLUME: $E * 0.1636 =$ 1.7 GALLONS

F: DEPTH OF WELL AS MEASURED: 24.4 FEET

G: pH OF SAMPLE: 6.77 pH 10°C

H: pH METER CALIBRATED? YES ☒ NO ☐

I: SAMPLES OBTAINED:

1 - TOTAL METALS, 1 - TOTAL CHLORIDES, 2 - VOA's

J: WEATHER CONDITIONS: Sunny

K: SAMPLER(S): Soil Hand / Soil Core

L: COMMENTS: Very little amount of water during re-charge

Well Purging / Sampling Data

WELL VDM-12

Dry

DATE: 10/23

WELL PURGING DATA:

START TIME: 11:25 FINISH TIME: _____

A: MP ELEVATION 451.52 FEET

B: DEPTH TO WATER: _____ FEET

C: DEPTH OF WELL INSTALLED: 436.10

D: STATIC WATER LEVEL: C - D = _____ FEET

E: WELL VOLUME: $E * 0.1636 =$ _____ GALLONS

F: DEPTH OF WELL AS MEASURED: _____ FEET

WELL SAMPLING DATA:

DATE: _____

START TIME: _____ FINISH TIME: _____

A: MP ELEVATION 451.52 FEET

B: DEPTH TO WATER: _____ FEET

C: DEPTH OF WELL INSTALLED: 436.10

D: STATIC WATER LEVEL: C - D = _____ FEET

E: WELL VOLUME: $E * 0.1636 =$ _____ GALLONS

F: DEPTH OF WELL AS MEASURED: _____ FEET

G: pH OF SAMPLE: _____ pH

H: pH METER CALIBRATED? YES ☐ N ☐ ☐

I: SAMPLES OBTAINED:

1 - TOTAL METALS, 1 - TOTAL CHLORIDES, 2 - VOA's

J: WEATHER CONDITIONS: _____

K: SAMPLER(S): _____

L: COMMENTS: _____

Well Purging / Sampling Data

WELL VDM-14

WELL PURGING DATA:

START TIME: 1135 FINISH TIME: 1205 DATE: 10/2

A: MP ELEVATION 446.31 FEET

B: DEPTH TO WATER:

10.3 FEET

C: DEPTH OF WELL INSTALLED: 434.00

D: STATIC WATER LEVEL: C - D =

2.3
10.9 FEET

E: WELL VOLUME: $E * 0.1636 =$

.3743 GALLONS / .25 = 1.496

F: DEPTH OF WELL AS MEASURED:

12.6 FEET

WELL SAMPLING DATA:

DATE: _____

START TIME: 1415 FINISH TIME: 1420

A: MP ELEVATION 446.31 FEET

B: DEPTH TO WATER:

10.6 FEET

C: DEPTH OF WELL INSTALLED: 434.00

D: STATIC WATER LEVEL: C - D =

2 FEET

E: WELL VOLUME: $E * 0.1636 =$

.52 GALLONS

F: DEPTH OF WELL AS MEASURED:

12.6 FEET

G: pH OF SAMPLE:

5.70 pH 10°C

H: pH METER CALIBRATED? YES ☒ NO ☐

I: SAMPLES OBTAINED:

1 - TOTAL METALS, 1 - TOTAL CHLORIDES, 2 - VOA's

J: WEATHER CONDITIONS: Sunny

K: SAMPLER(S): Scrub Hand / Jack Liberty

L: COMMENTS: cloudy during purging / very Dirty

Attachment II-C

Groundwater Monitoring System Inspection Plan and Form

- A. Inspections of the groundwater monitoring system shall be performed on a semi-annual basis to conform with the post-closure monitoring schedule. Personnel trained in groundwater sampling, collection and sample preservation techniques will be used. The inspection form located below or an equivalent form shall be used. The original inspection forms shall be maintained by the permittee in an inspection log book or file for the full term of the post-closure care period. Copies of the inspections shall be submitted with the semi-annual monitoring reports.
- B. The well inspection will include visual inspection of the security cap and lock, condition of the surface grout, and the condition of the inner casing and cap. During well purging, the relative rate of recharge should be noted for comparison with the previous data to insure that the well screen is not plugged. Also during purging and sampling, the integrity of the well shall be inspected by measuring the total well depth and noting the presence of any obstructions such as casing bends, foreign objects or siltation. The measured well depth shall be compared to the "as built" well depth.
- C. If it becomes apparent that a well is not capable of providing representative samples, the permittee shall respond in accordance with **Condition E.1** of this permit Module.

Landfill/Groundwater Monitoring System Inspection Form

- | | | | |
|-----|--|--------------------------------------|-------------------------------------|
| 1. | Is the integrity of the cover and ditch lining satisfactory? | ☒ YES | ☐ NO |
| 1.1 | Any sink holes or depressions | ☒ YES | ☐ NO |
| 1.2 | Significant erosion of the banks. | ☒ YES | ☒ NO |
| 1.3 | Any visible problems. | ☒ YES | ☒ NO |
| 2. | Is the integrity of the vegetative cover satisfactory? | ☒ YES | ☐ NO |
| 2.1 | Is the grass healthy looking? | ☒ YES | ☐ NO |
| 2.2 | Are there any bare spots? | ☒ YES | ☒ NO |
| 2.3 | Is the grass less than 8" tall? | ☒ YES | ☐ NO |
| 2.4 | Are there trees or bushes growing in the cover? | ☒ YES | ☒ NO |
| 3. | Is drainage from the site satisfactory? | ☒ YES | ☐ NO |
| 3.1 | Is there any ponding or puddling? | ☒ YES | ☒ NO |
| 4. | Is the fence surrounding the site secure? | ☒ YES | ☐ NO |

4.1	Any holes or damage?	YES	☒ NO
4.2	Signs in place every 50'?	☒ YES	NO
4.3	Accessible entry to the site?	☒ YES	NO
4.4	Property "Posted Signs" visible and in tact?	☒ YES	NO
5.	Are all of the covers on the monitoring wells locked?	☒ YES	NO
5.1	Caps on all of the risers?	YES	☒ NO well #55
6.	Is there any iron staining in the drainage ditch?	YES	☒ NO
7.	Are there any visible seeps in the cliff face?	YES	☒ NO
8.	Are the wells in good condition?	☒ YES	NO well #9 Boiler is stuck in well n. Sample
8.1	Any damage to the outer casing?	YES	☒ NO
8.2	Obstructions in the riser?	☒ YES	NO
8.3	Excessive sediment buildup in any wells?	☒ YES	NO well #14 Lots of dirt

Name of inspector: James Scott Hume

Signature: _____ Date: 10/23/02

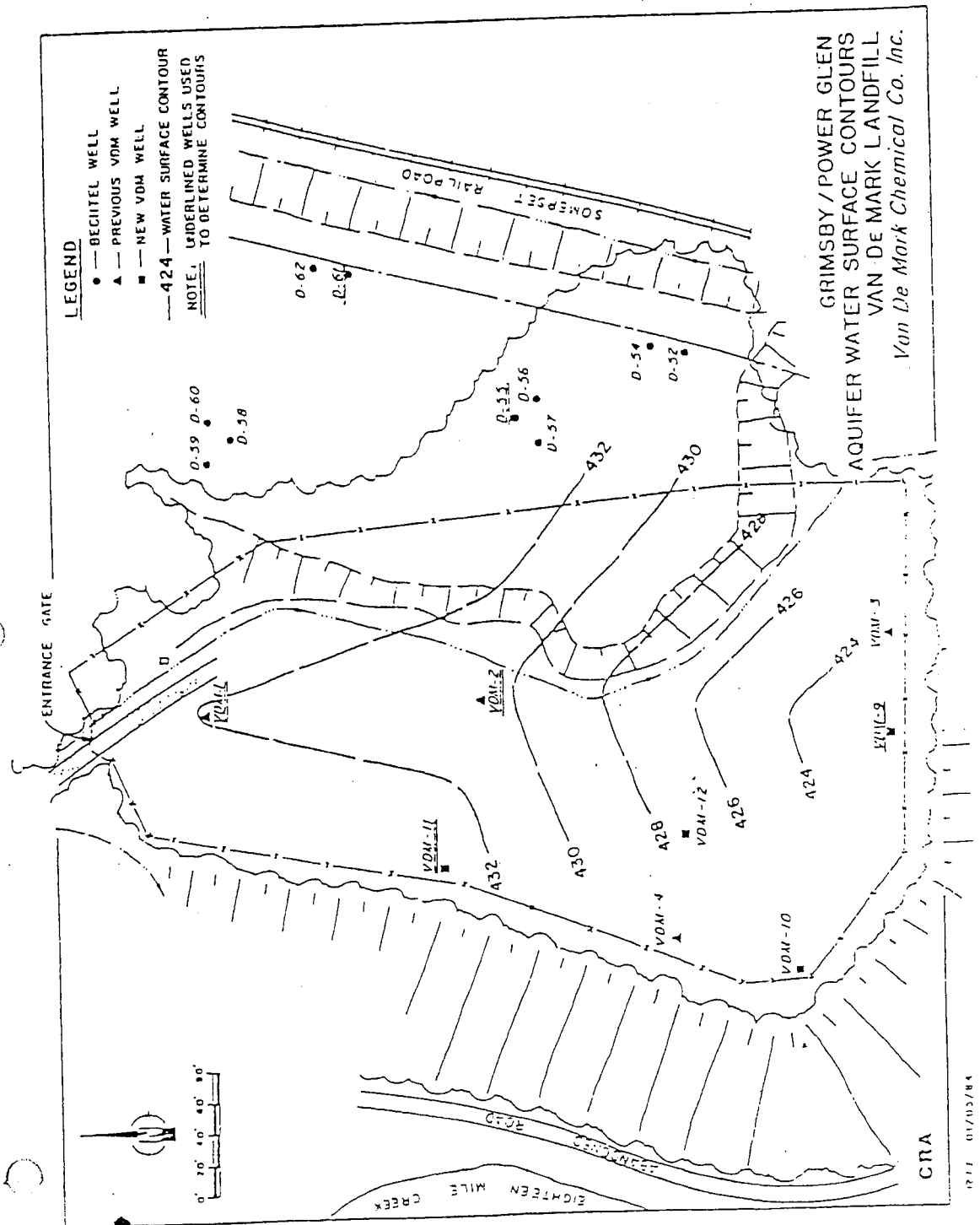
well #9 has something in it

Attachment II-D

Laboratory QA/QC Deliverables

COMPONENTS REQUIRED FOR RCRA ANALYTICAL DATA SUBMITTED TO
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

WELL LOCATION MAP
Figure 1



Organization Name		Project Name		# of Samples / # of Bottles	
VandeMark Chemical, Inc.		Semi-Annual Groundwater Sampling		4 Samples / 12 Bottles	
Street Address		Client PO / Release #		Turnaround / Date Results Needed	
One North Transit Road		Date Sampled		Standard	
City, State, ZIP		IsleChem Project #		13931	
Lockport, NY		14810194		Page 1	
Contact Person		QC reporting level requested:		On Site:	
Pamela J. Cook p.cook@snpe.com		Std Full		pH -	
Phone# and Fax#		Matrix		Temp-	
716-433-6764 x 150 cell: 716-609-1476		Comp		Are RUSH charges authorized?	
Sample Location		Grab		Yes No	
Sample ID	Sample Location	* Volatiles - EPA 624 (See List - P.2)	Metals - Cr, Cu, Fe, Zn	Chloride	Bottle Type
153419 153420	VDM - 10	X			2-40 ml vials (HCL)
153421			X		250 ml Poly (HNO3)
153422		X		X	250 ml Poly (chilled)
153423 153424	VDM - 11	X			2-40 ml vials (HCL)
153425		X	X		250 ml Poly (HNO3)
153426		X		X	250 ml Poly (chilled)
153427 153428	VDM-14	X			2-40 ml vials (HCL)
153429		X	X		250 ml Poly (HNO3)
153430		X		X	250 ml Poly (chilled)
VDM-12		X			2-40 ml vials (HCL)
		X	X		250 ml Poly (HNO3)
		X		X	250 ml Poly (chilled)
		X			2-40 ml vials (HCL)
		X			250 ml Poly (HNO3)
		X		X	250 ml Poly (chilled)
NO Sample Submitted					
Sampled By	Date	Received by	Date	Time	IsleChem, LLC 2801 Long Road Grand Island, NY 14072 716-773-8614 Fax: 716-773-8517 Chain of Custody
Relinquished by	Date	Received by	Date	Time	
Relinquished by	Date	Received by	Date	Time	
Relinquished by	Date	Received by	Date	Time	
Relinquished by	Date	Received by	Date	Time	

by relinquishing these sample to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services

Organization Name VandeMark Chemical, Inc. Street Address One North Transit Road City, State, ZIP Lockport, NY		Project Name Semi-Annual Groundwater Sampling Client PO / Release # Standard		# of Samples / # of Bottles 4 Samples / 10 Bottles Turnaround / Date Results Needed IsleChem Project # 13931 <u>NY 8/10/94</u>	
Contact Person Pamela J. Cook p.cook@snpe.com Phone# and Fax# 716-433-6764 x 150 cell: 716-609-1476		Date Sampled 		Page 2	
Sample ID 153431	Sample Location Eighteen Mile Creek	QC reporting level requested: Std Full	* Volatiles - EPA 624 (See List) 	Metals - Cr, Cu, Fe, Zn 	Chloride
153432		Matrix Ground Water	Comp X	Grab X	
153433		Ground Water		X	
153434		Ground Water		X	
153435	D-55	Ground Water	X		
153437		Ground Water	X		
153438	VDM-9	Ground Water	X		
		Ground Water	X		
		Ground Water	X		
		Ground Water	X		
153439	Trip Blank	DI Water	X		
* Volatiles List: Chloroform, 1,2-Dichloromethane, trans-1,2-dichloroethene, Methylene Chloride, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Trichloroethene, Toluene, Vinyl Chloride					
Sampled by <i>[Signature]</i>	Date 10/21/94	Time 	Received by <i>[Signature]</i>	Date 10/23/94	Time 10:15pm
Relinquished by <i>[Signature]</i>	Date 10/21/94	Time 16:11	Received by 	Date 	Time
Relinquished by 	Date 	Time 	Received by 	Date 	Time
Relinquished by 	Date 	Time 	Received by 	Date 	Time

IsleChem, LLC
2801 Long Road
Grand Island, NY 14072
716-773-8614
Fax: 716-773-8517

Chain of Custody

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