Vanchlor Landfill

LOCKPORT, NEW YORK

Periodic Review Report

NYSDEC Site Number: 932039

Prepared for:
Vanchlor Company, Inc.
45 Main Street
Lockport, New York 14094

Prepared by:
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Getzville, New York 14068
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MARCH 2016

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1.0 SITE OVERVIEW

1.1 Site Location & Description

The site is located at 600 Mill Street in the Town of Lockport County of Niagara, New York and is identified as Block 1 and Lot 56.11 on the Town of Lockport Tax Map. The site is an approximately 5-acre area bounded by Mill Street to the north, Somerset Railroad Corp corridor to the southeast, Twin Lakes Chemical Inc. beyond the rail corridor to the east, Plank Road and the City of Lockport Waste Water Treatment facility to the west (see Figure 1-1). The site is monitored under the New York State Inactive Hazardous Waste Disposal Site Remedial Program administered by New York State Department of Environmental Conservation (NYSDEC).

1.2 Nature and Extent of Contamination Prior to Remediation

Based on the historic use of the Site, the NYSDEC designated the Site as a Class 4 Inactive Hazardous Waste Disposal Site (Site #932039), which indicates that the Site was properly closed, but requires continued management. Following the expiration of the Post-Closure RCRA Permit #9-2909-00049/0003 in September 2013, the NYSDEC requested that Vanchlor Company, Inc. (the current property holder) enter into an Order of Consent executed July 10, 2014 (Order). The Order has replaced the permit as the legal basis for continued fulfillment of operation, maintenance and monitoring requirements previously contained in the permit and to be consistent with the provisions of the existing deed restrictions on the property recorded with the Niagara County Clerk on October 5, 1999.

1.3 Site Remedial Program

Landfilling activities at the Site reportedly began in 1957 and continued until 1982 (from NYSDEC Module III, Part 373 Permit, July 2008). The landfilling activities reportedly consisted primarily of waste by-products from the manufacture of silicon tetrachloride. The landfilled wastes were deposited in 55-gallon drums and placed in trenches with crushed limestone (to enhance the neutralization of the acidic wastes).

In 1988, the landfill was closed in accordance with a NYSDEC approved Closure Plan that included the installation of a final cover system. The cover system consisted of two feet of compacted clay overlain by a drainage layer of sand and loam soil and planted with a vegetative cover.

The following construction activities were performed to complete the approved cover system:

- Site grading and proof rolling;
- Installation of a pan-lysimeter;
- Lime application;
- Installation of an interceptor trench in perimeter ditch;
- Construction of a two-foot clay cover including lining of ditch with clay;

- Addition of loam and sand drainage layers; and
- Addition of topsoil layer and seeding.

1.4 Purpose of Periodic Review Report

This Periodic Review Report (PRR) presents information on the maintenance, monitoring and compliance activities for the Class 4 Inactive Hazardous Waste Disposal Site (Site No. 932039) for the period from February 13, 2015 to February 13, 2016.

Required environmental elements under the Order of Consent are the development and implementation of the Site Management Plan (SMP) [Ref.1] incorporating required engineering and institutional controls.

Institutional Controls have been put in place to control potential exposure to remaining contamination during use of the site in the future and for the protection of public health and the environment. The ICs place restrictions on site use, and mandate maintenance and reporting measures for the ICs. Methods necessary to ensure compliance with the ICs are specified in the SMP for the Site and required by the Deed Restrictions for contamination that remains at the site. The SMP has been approved by the NYSDEC, and compliance with the approved plan is required by the grantor of the Deed Restriction and the grantor's successors and assigns. The SMP may only be revised with the approval of the NYSDEC.

The SMP provides a detailed description of the procedures required to manage remaining contamination at the site including: (1) implementation/management of the Engineering and Institutional Controls; and (2) performance of periodic monitoring and inspections, certification of results, and submittal of Periodic Review Reports.

The required elements of the Periodic Review Report are described in the SMP and include the periodic submittal of information, recommendations, and certifications to NYSDEC.

2.0 REMEDIAL SYSTEMS COMPLIANCE

There are no remedial treatment systems currently operating at the Inactive Hazardous Waste facility identified as Site No. 932039. Existing engineering controls for the Site consist of a clay lines drainage ditch leading to an interceptor trench and a Site wide cover system comprised of two feet of compacted clay overlain by a drainage layer of sand and loam soil with a vegetated cover.

The approved SMP requires the implementation of a long term monitoring plan that incorporates annual groundwater and surface water analysis along with annual inspections of the site to assess the performance and effectiveness of the remedy. In particular, the annual inspections are to focus on the condition and integrity of the cover system, drainage ditch, and groundwater monitoring system. The results of the required monitoring activities and annual inspection are presented in Section 5 “Monitoring Plan Compliance Report”.

3.0 ENGINEERING CONTROL COMPLIANCE

3.1 Introduction

3.1.1 General

Since hazardous waste remains within the Site, Engineering Controls (ECs) are required to protect human health and the environment. The Engineering Control Plan is a component of the SMP and describes the procedures for the implementation and management of all ECs at the site.

3.2 Description of Engineering Controls

Exposure to remaining contamination in soil/fill at the site is prevented by a soil cover system placed over the site. This cover system is comprised of a minimum of 24 inches of compacted clay with a permeability of 1 x 10-7 cm/sec overlain by a minimum of six inches of drainage layer consisting of sand and loam topped with vegetative growth. The Excavation Work Plan included in the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed and any underlying remaining contamination is disturbed. Procedures for the inspection and maintenance of the cover system are provided in the Monitoring Plan included in SMP for the Site.

Procedures for maintaining the soil cover system are documented in the Operation and Maintenance Plan section of the SMP for the Site. The Monitoring Plan also addresses severe condition inspections in the event that a severe condition, which may affect the cover system at the site, occurs.

3.2.1 Status of ECs

During the reporting period covered by this PRR, all ECs were in place and effective in meeting their objectives. The soil cover system is a permanent control, and the quality and integrity of this system was observed as part of the annual inspection in conjunction with the PRR. There are no corrective measures required to address deficiencies in the ECs at this time based on the results of the monitoring and annual inspection performed.

No intrusive work was performed on the Site during the period covered by this PRR.

4.0 INSTITUTIONAL CONTROL COMPLIANCE

4.1 Introduction

4.1.1 General

Since hazardous waste remains within the Site, Institutional Controls (ICs) are required to protect human health and the environment. The Institutional Control Plan is a component of the SMP and describes the procedures for the implementation and management of all ICs at the site. The goals of the ICs are to: (1) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (2) limit the use and development of the site to industrial uses only (the most restrictive use as defined in DER 10. Adherence to these Institutional Controls on the Site will be implemented under this Site Management Plan.

4.2 Description of Institutional Controls

The Institutional Controls are:

- Compliance with the Deed Restrictions and this SMP by the Grantor and the Grantor's successors and assigns;
- Performance of environmental or public health monitoring as defined in this SMP, if applicable;
- Implementation and documentation of the soil/fill management procedures provided in the Excavation Work Plan (EWP), when required;
- Reporting of information pertinent to Site Management of the Controlled Property must be performed at the frequency and in a manner defined in this SMP;

The site has a series of Institutional Controls in the form of site restrictions. Site restrictions that apply to the Controlled Property are:

- The property may only be used for restricted industrial use provided that the long-term Institutional Controls included in this SMP are employed;
- The property may not be used for a higher level of use, such as restricted commercial use without additional remediation and amendment of the Deed Restriction, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- The use of the groundwater underlying the property is prohibited;
- Vegetable gardens and farming on the property are prohibited;
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by the site owner or an expert that the NYSDEC finds acceptable.

The deed restriction summarizing the site use restrictions and requirements for the site was executed by the Department on March 6, 2013, and filed with the Erie County Clerk on July 15, 2013.

4.2.1 Status of ICs

During the reporting period covered by this PRR, all ICs were in place and effective in meeting their objectives. There are no corrective measures required to address deficiencies in the ICs at this time based on the results of the monitoring and annual inspection performed.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 3.1 Introduction

5.1.1 General

The Monitoring Plan describes the measures for evaluating the conditions at the Site and conformance with the Deed Restrictions to reduce or mitigate impacts from residual contamination at the site, and affected site media identified below. This Monitoring Plan may only be revised with the approval of NYSDEC.

5.1.2 Schedule

In September 2014 Vanchlor petitioned the Department for a reduction in the frequency of groundwater and surface water sampling from a semi-annual to an annual basis. This request was approved on October 3, 2014. Therefore under the Site Management Plan groundwater sampling commencing in 2015 will be performed annually on the landfill monitoring well network established under the former Part 373 permit for the Site. Annual groundwater monitoring events and inspections of the groundwater monitoring system will be conducted to assess the performance and effectiveness of the remedy and the overall reduction in contamination on-site. The Monitoring program is summarized in Table 5-1 and results of the monitoring performed are discussed further in Section 5.2 below.

Table 5-1: Monitoring/Inspection Schedule

Monitoring Program	Frequency*	Matrix Description	Analysis
Annual Groundwater & Surface Water Monitoring	Annual (during 3nd quarter)	Sample groundwater from wells D-55, VDM-9R, VDM-10, VDM-11, VDM-12, and VDM-14. Sample surface water from Eighteen Mile Creek (just downstream of Site	VOCs, Method 8260 Metals, Method 6010 Chloride, 9251 pH, Method 9040
Annual Site & Groundwater System Inspection	Annual (during 3nd quarter)	Inspect cover system integrity, vegetation condition, ditch lining, security fence and signage, monitoring well condition	Check for iron staining in drainage ditch and visible seeps in the cliff face

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

5.2 Monitoring Program Results

5.2.1 Groundwater and Surface Water Monitoring

Groundwater samples were collected on July 9, 2015 by Vanchlor as required under the previous RCRA permit monitoring program. Samples were collected from four (4) on-Site well locations and one (1) off-Site location in accordance with the Vanchlor Landfill 932039 Site SMP (refer to Figure 5-1 for monitoring

well locations and Figure 5-2 for groundwater isopotential contours). Surface Water Samples were collected from Eighteen Mile Creek at a location downstream from the Site, but upstream of the City of Lockport Wastewater treatment plant SPDES discharge point. Refer to Figure 1-1 for the approximate location of the surface water sample location.

Groundwater and surface water samples were analyzed in accordance with the specified analytical methods described more fully in the SMP for Chloroform, 1,2-Dichloromethane, Trans-1,2-Dichloroethane, Methylene Chloride, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Trichloroethene, Vinyl Chloride, Toluene, Chromium, Copper, Iron, Zinc, Chloride, and pH. The analytical results from the May and October 2014 sampling event are summarized and compared to NYSDEC groundwater and surface water standards respectively (NYSDEC 1998) in Table 5-2.

Several detections were noted in groundwater above NYSDEC Class GA Groundwater Standards during the semi-annual sampling events conducted during the period covered by the PRR. Detections of metals in groundwater above the groundwater standards include chloride and iron in all wells sampled. VDM-14 also contained chromium and several Volatile Organic Compounds (VOCs) including chloroform, 1,2-Dichloroethane, trans-1,2-Dichloroethene, 1,1,2,2-tetachloroethane, tetrachloroethene, trichloroethene, and vinyl chloride above the Class GA Groundwater Standards. Tetrachlorethene was also detected in groundwater monitoring location VDM-9R above the groundwater quality standard. No exceedances in monitored wells VDM-10 and VDM-11 were detected.

No detections were found in the Eighteen Mile Creek and D-55 surface water samples above NYSDEC surface water standards, with the exception of iron noted in both locations during the July 2015 sample event.

A copy of the laboratory analytical report for all groundwater and surface water analyses performed is attached in Appendix A. A copy of the updated historical trend analyses for each parameter at each monitoring location are also provided in Appendix A.

5.3 Site Inspection Results

A semi-annual inspection was performed in May and October 2014 in accordance with the SMP Monitoring Program requirements. A “Landfill/Groundwater Monitoring System Inspection” form was completed (Appendix B) during each of the two monitoring events. The form compiles sufficient information to assess the following:

- Compliance with all EC/ICs, including site usage;
- General site conditions at the time of the inspection; and,
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection.

All areas of the Site were carefully inspected to assess the condition of cover system and groundwater monitoring system integrity to determine if evidence of erosion or related deterioration of the site soils. No erosion or deterioration in any areas was noted in the July Site Inspection report. No corrective actions were noted to address or otherwise correct the problem(s) identified during the inspection during the reporting period of this PRR. The inspection noted that trees or bushes were growing on the vegetative cover. However the cover was mowed in early September 2015 and any small trees or bushes were cut down at that time.

5.4 Conclusions and Recommendations

At the time of the annual inspection, the Site was fully compliant with Engineering and Institutional controls fully described in the SMP. All monitoring results were below NYSDEC standards and/or exhibited neutral or decreasing concentrations in both Site groundwater and surface water with the exception of samples from VDM-14. Inspection results indicated the growth of trees or shrubs on vegetative cover that were removed during the September 2015 mowing event.

No recommendations for changing of the monitoring and inspection program are proposed at this time.

6.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

Based on the initial monitoring and inspection results described in Section 5 and conducted during the timeframe covered by this PRR, compliance with all relevant components of the SMP EC/ICs were achieved.

The groundwater and surface water sampling completed to date has assessed the long term trends of contaminant concentrations to evaluate the performance of the remedy. Groundwater and surface water sample results over the last twenty (28) years, and the overall condition of the site and integrity of the soil cover system provide evidence that the remedy is achieving its intended goals of minimizing, to the extent feasible, exposure of remaining contamination to the environment through groundwater and surface water runoff and associated sediment erosion.

The next annual SMP monitoring event is scheduled for the third quarter of 2016, an inspection of the landfill cover system, including drainage, vegetative cover, indications of erosion or other deterioration of the soil cover, security fencing and the condition of monitoring wells will be performed in conjunction with this sampling and monitoring event.

7.0 REFERENCES

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1. Golder Associates Inc., *Site Management Plan, Vanchlor Company, Inc., NYSDEC Site No. 932039*, prepared for Vanchlor Company, Inc., January 2015.

TABLE 5-2

(Table 5-1 in Text)

TABLE 5-2
SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER AND SURFACE WATER SAMPLING

PERIODIC REVIEW REPORT

SITE # 932039 - VANCHLOR COMPANY, INC.
LOCKPORT, NY

Lab ID	NYSDEC Class GA Groundwater Standards (ug/L)	NYSDEC Class A, A-S, AA, AA-S Surface Water Standards/Guidance Values (ug/L)	046-0709-6		046-0709-1		--	046-0709-2		--	046-0709-3		--	046-0709-5		046-0709-4	
Sample ID			VDM-9		VDM-10			VDM-11			VDM-14			D-55		Eighteen Mile Creek	
Sample Date			7/9/15		7/9/15			7/9/15			7/9/15			7/9/15		5/6/14	
Sample Matrix			Water	Trend	Water		Trend	Water		Trend	Water		Trend	Water		Water	
Units			ug/L		ug/L			ug/L			ug/L			ug/L		ug/L	
Volatile Organic Compounds (VOCs)				Qualifiers		Qualifiers			Qualifiers			Qualifiers			Qualifiers		Qualifiers
Chloroform	7	7	2.8		Decreasing	<2		Decreasing	3.1		Neutral	***29.3***		Neutral		<2		<2	D
1,2-Dichloroethane	0.6	0.6	<2		Neutral [1]	2		Neutral	<2		Neutral	***6***		Neutral [2]		<2		<2	D
trans-1,2-Dichloroethene	5	5	<2		Neutral	<2		Neutral	<2		Neutral	***12***		Neutral [1]		<2		<2	D
Methylene Chloride	5	5	<1		Neutral	<1		Neutral	<1		Neutral	2.9		Neutral		<1		<1	D
1,1,2,2-Tetrachloroethane	5	0.2	<2		Decreasing	<2		Increasing	<2		Neutral [2]	***66.9***		Increasing 1		<2		<2	D
Tetrachloroethene	5	0.7	***5.5***		Decreasing	<2		Neutral[1]	4.1		Neutral	***187***	D1	Increasing [1]		<2		<2	D
Trichloroethene	5	5	<2		Neutral	<2		Neutral	<2		Neutral	***51.6***		Neutral		<2		<2	D
Vinyl Chloride	2	0.3	<2		Neutral	<2		Neutral	<2		Neutral	***16.6***		Neutral		<2		<2	D
Toluene	5	5	<2		Neutral[1]	<2		Neutral	<2		Neutral	<2		Neutral		<2		<2	D
Metals																	
Chloride	250,000	250,000	***3,200,000***	D2	--	***8,500,000***	D2	--	***1,200,000***	D2	--	***3,900,000***	D2	--		17,000	D2	68000	D2
Chromium	100	50	11		Neutral	19		Neutral	<10		Neutral [1]	***<500***	D1	Decreasing		<10		<10	
Copper	1,000	200	218		Decreasing	446		Decreasing	129		Decreasing	<500	D1	Neutral		26		13	
Iron	300	300	***18,300***		--	***53,700***		--	***4,630***		--	***383,500***	D1	--		***2670***		***1107***	
Zinc	2,000	2,000	391		Neutral	782		Neutral	60		Neutral	800	D1	Neutral		17		19	

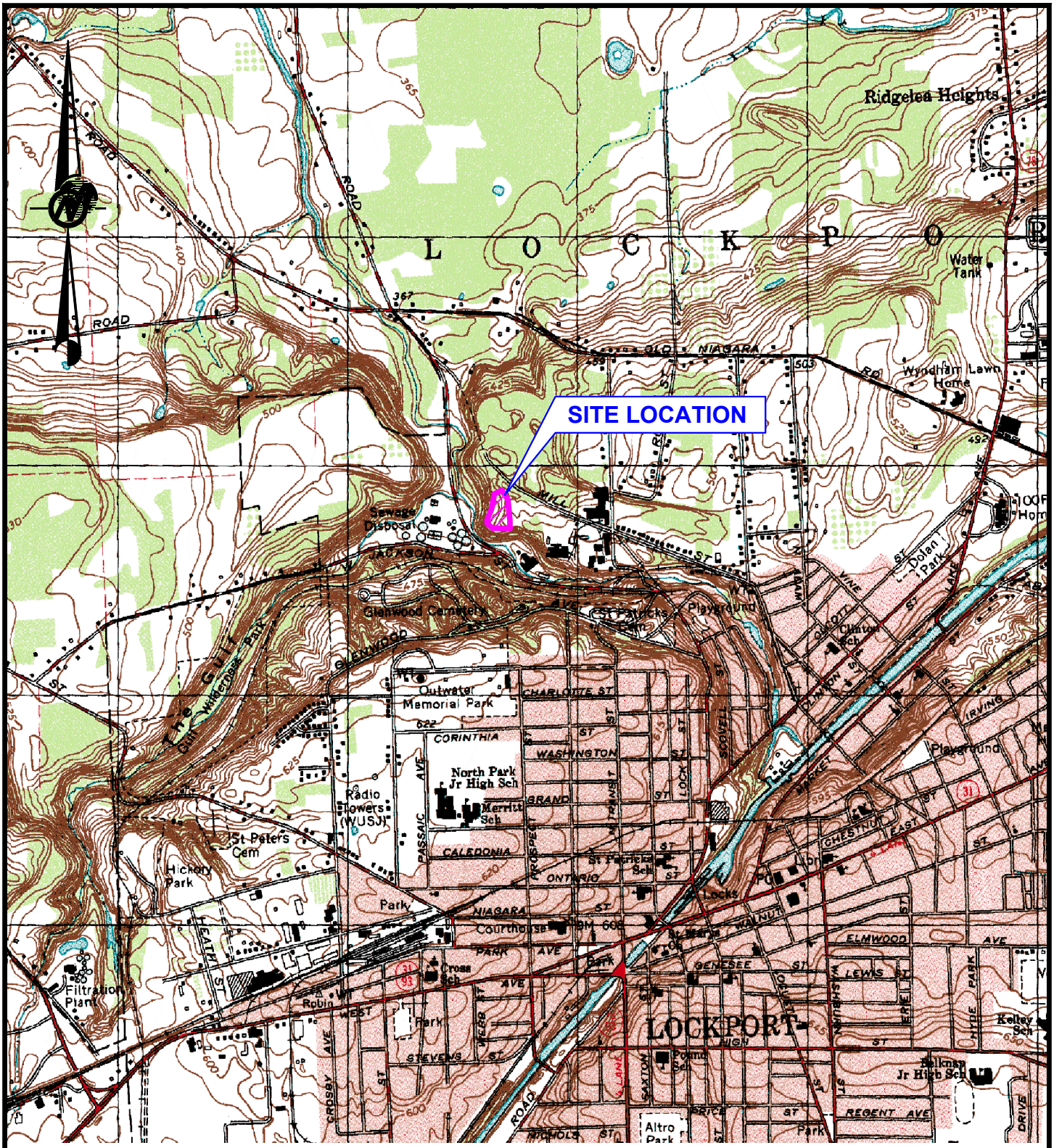
Footnotes:

Trend Definitions:

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.

5.5 = Value exceeds NYSDEC Glass GA Groundwater /NYSDEC Class A, A-S, AA, AA-S Surface Water Standard
D = Sample initially diluted due to sample matrix.
D1 = Sample diluted due to initial result outside of linear calibrated range of the instrument.
D2 = Sample initially diluted based on historical data.
[1] = Latest 3-5 years (or more) have been non-detect for parameter.

FIGURES



REFERENCES

1.) BASE MAP TAKEN FROM U.S.G.S. 7.5 MINUTE QUADRANGLE OF LOCKPORT, NEW YORK DATED 1980.

2000 0 2000
SCALE FEET

Golder Associates
Buffalo, New York

SCALE	AS SHOWN
DATE	3/2/16
DESIGN	JGT
CADD	JGT
CHECK	
REVIEW	

FILE No. 1650832
PROJECT No. 1650832 REV. 0

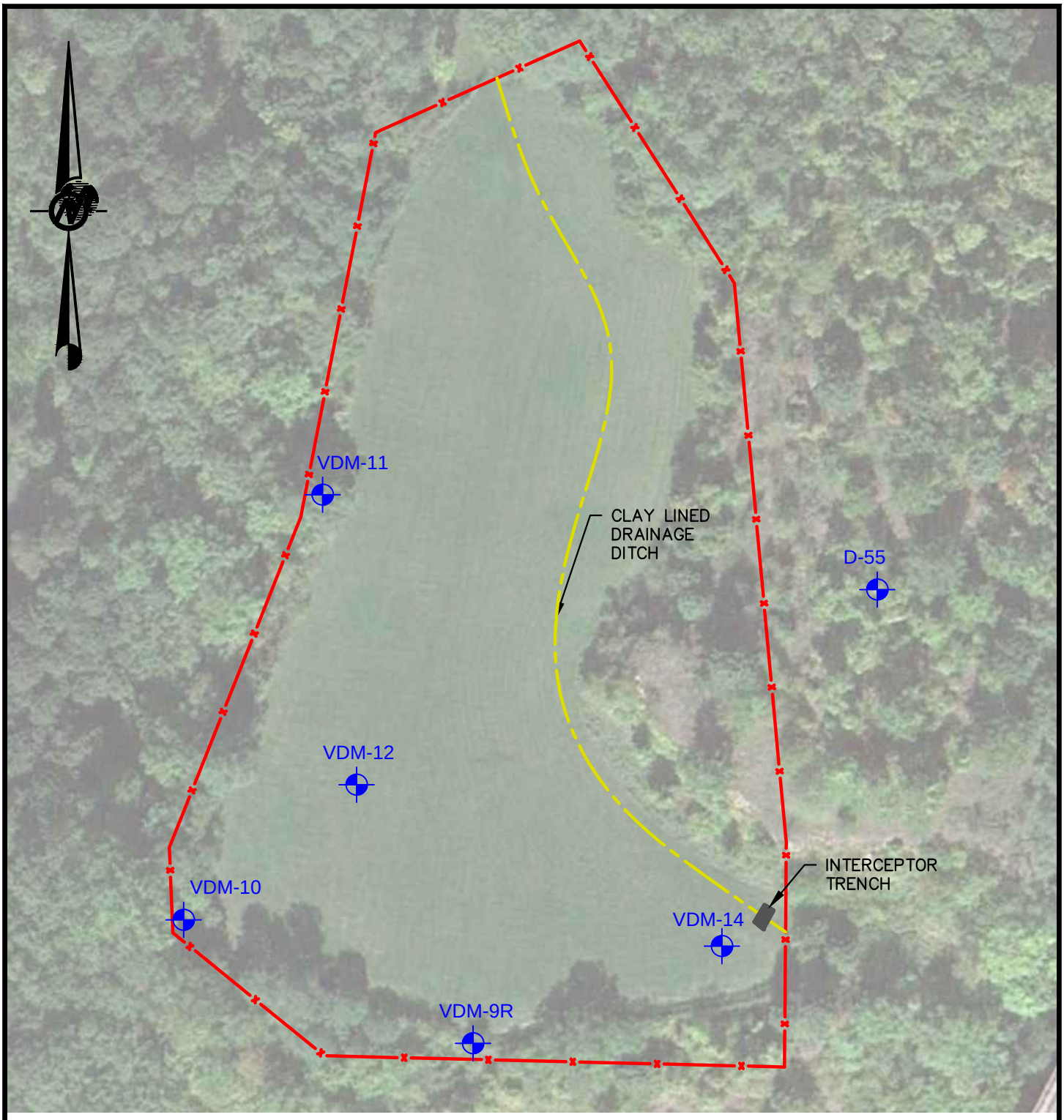
TITLE

SITE VICINITY MAP

VANCHLOR COMPANY INC.

FIGURE 1-1

Drawing file: Base Map.dwg Mar 02, 2016 – 10:41am



LEGEND

FENCE / APPROXIMATE SITE PROPERTY LINE

VDM-9R MONITORING WELL APPROXIMATE LOCATION

REFERENCES

1.) BASE MAP TAKEN PER GOOGLE EARTH AERIAL IMAGE (10/5/11)

75 0 75

SCALE FEET

Golder Associates
Buffalo, New York

FILE No.	1650832
PROJECT No.	1650832
REV.	0
SCALE	AS SHOWN
DATE	3/2/16
DESIGN	JGT
CADD	JGT
CHECK	
REVIEW	

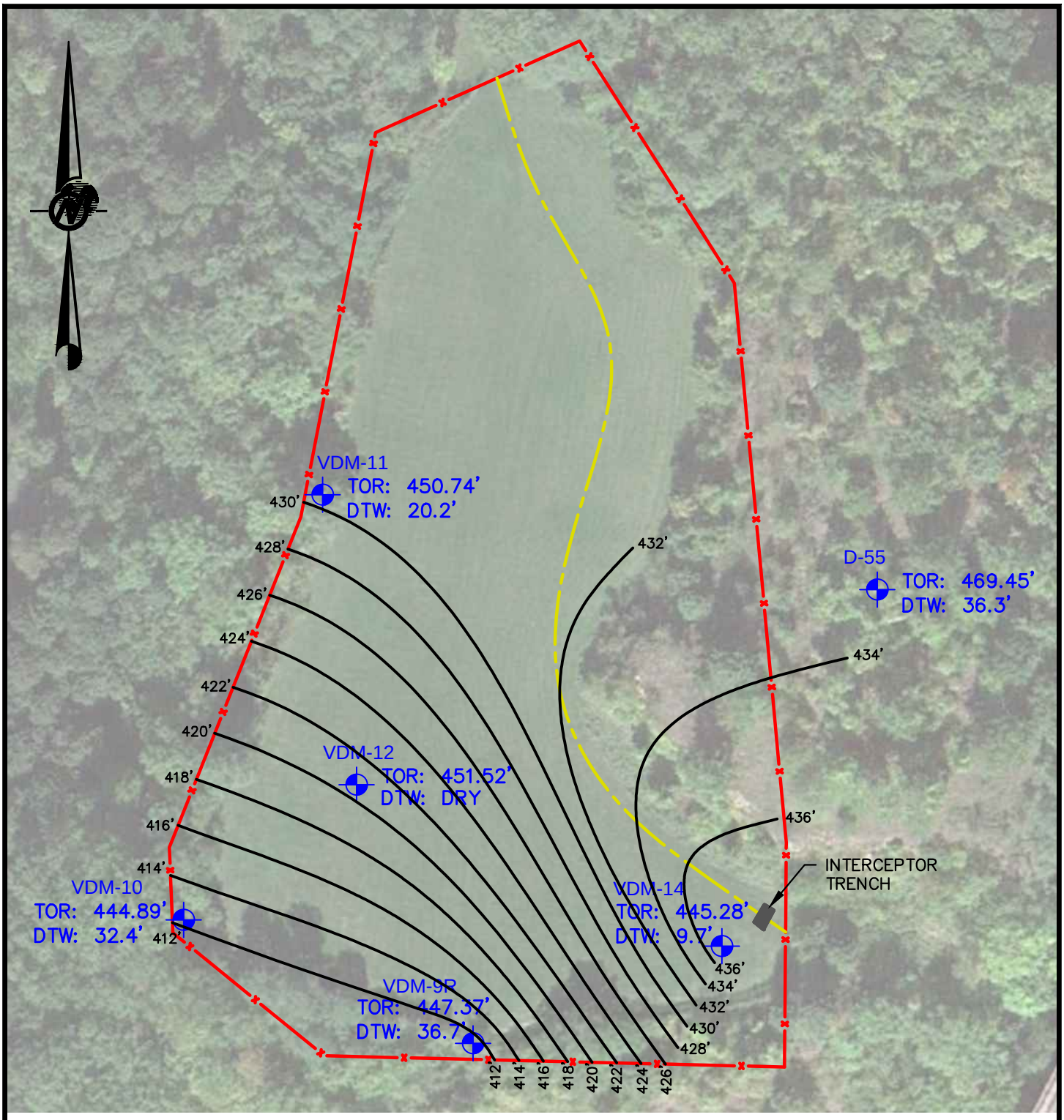
TITLE

GROUNDWATER SAMPLE LOCATIONS
VANCHLOR LANDFILL

VANCHLOR COMPANY INC.

FIGURE 5-1

Drawing file: Base Map.dwg Mar 02, 2016 - 10:43am



LEGEND

FENCE / APPROXIMATE SITE PROPERTY LINE

VDM-9R MONITORING WELL APPROXIMATE LOCATION

75 0 75

SCALE FEET

REFERENCES

1.) BASE MAP TAKEN PER GOOGLE EARTH AERIAL IMAGE (10/5/11)
2.) ELEVATIONS ARE BASED ON SITE DATUM.
3.) WATER ELEVATIONS PER JULY 9, 2015 SAMPLING EVENT.

Golder Associates
Buffalo, New York

FILE No.	1650832
PROJECT No.	1650832
REV.	0
SCALE	AS SHOWN
DATE	3/2/16
DESIGN	JGT
CADD	JGT
CHECK	
REVIEW	

TITLE

GROUNDWATER ISOPOTENTIAL MAP
VANCHLOR LANDFILL

VANCHLOR CO. INC.

FIGURE 5-2

Drawing file: Base Map.dwg Mar 02, 2016 - 2:46pm

APPENDIX A

ANALTICAL DATA REPORT &
HISTORICAL PARAMETER TREND ANALYSES

IsleChem™ LLC
Grand Island, NY

2801 Long Road
Grand Island, NY 14072
(716) 773-8401
(800) 699-8606
(716) 773-8517 (fax)
www.islechem.com

Analysis Report

Client	VandeMark Chemical, Inc. One North Transit Road Lockport, NY 14094-2399	Project	Semi-Annual Groundwater Monitoring

Report Date	7/20/2015
Status	Final
ID	**NY1507046.0.44614**
Batch Sample	
Date	7/9/2015
Time	10:00
Description	Semi-Annual Groundwater Monitoring
Received	7/9/2015
Time:	15:00
Batch Contact	Chris Banach

Authorized Signature Mary Ferguson

Mary Ferguson, Manager of Chemical Testing

The following result table is for 8 samples received by IsleChem LLC on 7/9/2015 sampled by Ken Shephard on 7/9/2015 and submitted by Ken Shephard

Also enclosed are the Chain of Custody and Sample Receipt check list for this project.

Narrative:
Analyses were performed within the required holding times unless otherwise noted below. All quality control results were within acceptable limits unless specifically noted in the report. Quality control analyses were performed on the samples in this report or samples of similar matrix that were analyzed in the analytical batch on the dates indicated in the report.

Notes:

Sample ID	Results	Units	Qualifiers	Analyst	Vessel ID	Date
046-0709-1	VDM-10 - Ground Water Sampled 7/9/2015					
Metals						
Field Grab	Method: EPA 200.7 Rev 4.4 / Prep: EPA 4.1.3					
Chromium, Total	**0.019**	mg/L		MF	301423	2015-07-14
Copper, Total	**0.446**	mg/L		MF	301423	2015-07-14
Iron, Total	**53.7**	mg/L		MF	301423	2015-07-14
Zinc, Total	**0.782**	mg/L		MF	301423	2015-07-14
Volatiles						
Field Grab	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**< 2.0**	ug/L		RRS	301421-301422	2015-07-13
Methylene chloride	**< 1.0**	ug/L		RRS	301421-301422	2015-07-13
trans-1,2-Dichloroethene	**< 2.0**	ug/L		RRS	301421-301422	2015-07-13
Chloroform	**< 2.0**	ug/L		RRS	301421-301422	2015-07-13
1,2-Dichloroethane	**2.0**	ug/L		RRS	301421-301422	2015-07-13
Trichloroethene	**< 2.0**	ug/L		RRS	301421-301422	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301421-301422	2015-07-13
Tetrachloroethene	**< 2.0**	ug/L		RRS	301421-301422	2015-07-13
1,1,2,2-Tetrachloroethane	**< 2.0**	ug/L		RRS	301421-301422	2015-07-13
WetChem						
Field Grab	Method: SM 4500-Cl-B-97,11 / Prep: SM 4500-Cl-B-97,11					
Chloride	**8500**	mg/L	D2	ME	301424	2015-07-16
046-0709-2	VDM-11 - Ground Water Sampled 7/9/2015					
Metals						
Field Grab	Method: EPA 200.7 Rev 4.4 / Prep: EPA 4.1.3					
Chromium, Total	**< 0.01**	mg/L		MF	301427	2015-07-14
Copper, Total	**0.129**	mg/L		MF	301427	2015-07-14
Iron, Total	**4.63**	mg/L		MF	301427	2015-07-14
Zinc, Total	**0.060**	mg/L		MF	301427	2015-07-14
Volatiles						
Field Grab	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**< 2.0**	ug/L		RRS	301425-301426	2015-07-13
Methylene chloride	**< 1.0**	ug/L		RRS	301425-301426	2015-07-13
trans-1,2-Dichloroethene	**< 2.0**	ug/L		RRS	301425-301426	2015-07-13
Chloroform	**3.1**	ug/L		RRS	301425-301426	2015-07-13
1,2-Dichloroethane	**< 2.0**	ug/L		RRS	301425-301426	2015-07-13
Trichloroethene	**< 2.0**	ug/L		RRS	301425-301426	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301425-301426	2015-07-13
Tetrachloroethene	**4.1**	ug/L		RRS	301425-301426	2015-07-13
1,1,2,2-Tetrachloroethane	**< 2.0**	ug/L		RRS	301425-301426	2015-07-13
WetChem						
Field Grab	Method: SM 4500-Cl-B-97,11 / Prep: SM 4500-Cl-B-97,11					
Chloride	**1200**	mg/L	D2	ME	301428	2015-07-16
046-0709-3	VDM-14 - Ground Water Sampled 7/9/2015					

Sample ID	Results	Units	Qualifiers	Analyst	Vessel ID	Date
046-0709-3	VDM-14 - Ground Water Sampled 7/9/2015					
Metals						
Field Grab	Method: EPA 200.7 Rev 4.4 / Prep: EPA 4.1.3					
Chromium, Total	**< 0.5**	mg/L	D1	MF	301431	2015-07-14
Copper, Total	**< 0.5**	mg/L	D1	MF	301431	2015-07-14
Iron, Total	**383.5**	mg/L	D1	MF	301431	2015-07-14
Zinc, Total	**0.80**	mg/L	D1	MF	301431	2015-07-14
Volatiles						
Field Grab	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**16.6**	ug/L		RRS	301429-301430	2015-07-13
Methylene chloride	**2.9**	ug/L		RRS	301429-301430	2015-07-13
trans-1,2-Dichloroethene	**12.0**	ug/L		RRS	301429-301430	2015-07-13
Chloroform	**29.3**	ug/L		RRS	301429-301430	2015-07-13
1,2-Dichloroethane	**6.0**	ug/L		RRS	301429-301430	2015-07-13
Trichloroethene	**51.6**	ug/L		RRS	301429-301430	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301429-301430	2015-07-13
Tetrachloroethene	**187**	ug/L	D1	RRS	301429-301430	2015-07-13
1,1,2,2-Tetrachloroethane	**66.9**	ug/L		RRS	301429-301430	2015-07-13
WetChem						
Field Grab	Method: SM 4500-Cl-B-97,11 / Prep: SM 4500-Cl-B-97,11					
Chloride	**3900**	mg/L	D2	ME	301432	2015-07-16
046-0709-4	Eighteen Mile Creek - Ground Water Sampled 7/9/2015					
Metals						
Field Grab	Method: EPA 200.7 Rev 4.4 / Prep: EPA 4.1.3					
Chromium, Total	**< 0.01**	mg/L		MF	301435	2015-07-14
Copper, Total	**0.013**	mg/L		MF	301435	2015-07-14
Iron, Total	**1.107**	mg/L		MF	301435	2015-07-14
Zinc, Total	**0.019**	mg/L		MF	301435	2015-07-14
Volatiles						
Field Grab	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
Methylene chloride	**< 1.0**	ug/L		RRS	301433-301434	2015-07-13
trans-1,2-Dichloroethene	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
Chloroform	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
1,2-Dichloroethane	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
Trichloroethene	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
Tetrachloroethene	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
1,1,2,2-Tetrachloroethane	**< 2.0**	ug/L		RRS	301433-301434	2015-07-13
WetChem						
Field Grab	Method: SM 4500-Cl-B-97,11 / Prep: SM 4500-Cl-B-97,11					
Chloride	**68.0**	mg/L	D2	ME	301436	2015-07-16
046-0709-5	D-55 - Ground Water Sampled 7/9/2015					

Sample ID	Results	Units	Qualifiers	Analyst	Vessel ID	Date
046-0709-5	D-55 - Ground Water Sampled 7/9/2015					
Metals						
Field Grab	Method: EPA 200.7 Rev 4.4 / Prep: EPA 4.1.3					
Chromium, Total	**< 0.01**	mg/L		MF	301439	2015-07-14
Copper, Total	**0.026**	mg/L		MF	301439	2015-07-14
Iron, Total	**2.67**	mg/L		MF	301439	2015-07-14
Zinc, Total	**0.017**	mg/L		MF	301439	2015-07-14
Volatiles						
Field Grab	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
Methylene chloride	**< 1.0**	ug/L		RRS	301437-301438	2015-07-13
trans-1,2-Dichloroethene	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
Chloroform	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
1,2-Dichloroethane	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
Trichloroethene	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
Tetrachloroethene	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
1,1,2,2-Tetrachloroethane	**< 2.0**	ug/L		RRS	301437-301438	2015-07-13
WetChem						
Field Grab	Method: SM 4500-Cl-B-97,11 / Prep: SM 4500-Cl-B-97,11					
Chloride	**17.0**	mg/L	D2	ME	301440	2015-07-16
046-0709-6	VDM-9 - Ground Water Sampled 7/9/2015					
Metals						
Field Grab	Method: EPA 200.7 Rev 4.4 / Prep: EPA 4.1.3					
Chromium, Total	**0.011**	mg/L		MF	301443	2015-07-14
Copper, Total	**0.218**	mg/L		MF	301443	2015-07-14
Iron, Total	**18.3**	mg/L		MF	301443	2015-07-14
Zinc, Total	**0.391**	mg/L		MF	301443	2015-07-14
Volatiles						
Field Grab	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**< 2.0**	ug/L		RRS	301441-301442	2015-07-13
Methylene chloride	**< 1.0**	ug/L		RRS	301441-301442	2015-07-13
trans-1,2-Dichloroethene	**< 2.0**	ug/L		RRS	301441-301442	2015-07-13
Chloroform	**2.8**	ug/L		RRS	301441-301442	2015-07-13
1,2-Dichloroethane	**< 2.0**	ug/L		RRS	301441-301442	2015-07-13
Trichloroethene	**< 2.0**	ug/L		RRS	301441-301442	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301441-301442	2015-07-13
Tetrachloroethene	**5.5**	ug/L		RRS	301441-301442	2015-07-13
1,1,2,2-Tetrachloroethane	**< 2.0**	ug/L		RRS	301441-301442	2015-07-13
WetChem						
Field Grab	Method: SM 4500-Cl-B-97,11 / Prep: SM 4500-Cl-B-97,11					
Chloride	**3200**	mg/L	D2	ME	301444	2015-07-16
046-0709-7	Field QA/QC Dup of 14 - Ground Water Sampled 7/9/2015					

Sample ID	Results	Units	Qualifiers	Analyst	Vessel ID	Date
046-0709-7	Field QA/QC Dup of 14 - Ground Water Sampled 7/9/2015					
Metals						
Field Grab	Method: EPA 200.7 Rev 4.4 / Prep: EPA 4.1.3					
Chromium, Total	**< 0.5**	mg/L	D1	MF	301448	2015-07-14
Copper, Total	**< 0.5**	mg/L	D1	MF	301448	2015-07-14
Iron, Total	**383.5**	mg/L	D1	MF	301448	2015-07-14
Zinc, Total	**0.80**	mg/L	D1	MF	301448	2015-07-14
Volatiles						
Field Grab	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**14.5**	ug/L		RRS	301446-301447	2015-07-13
Methylene chloride	**3.3**	ug/L		RRS	301446-301447	2015-07-13
trans-1,2-Dichloroethene	**10.8**	ug/L		RRS	301446-301447	2015-07-13
Chloroform	**27.1**	ug/L		RRS	301446-301447	2015-07-13
1,2-Dichloroethane	**5.9**	ug/L		RRS	301446-301447	2015-07-13
Trichloroethene	**47.5**	ug/L		RRS	301446-301447	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301446-301447	2015-07-13
Tetrachloroethene	**162**	ug/L	D1	RRS	301446-301447	2015-07-13
1,1,2,2-Tetrachloroethane	**67.1**	ug/L		RRS	301446-301447	2015-07-13
WetChem						
Field Grab	Method: SM 4500-Cl-B-97,11 / Prep: SM 4500-Cl-B-97,11					
Chloride	**4100**	mg/L	D2	ME	301449	2015-07-16
TB	Trip Blank - Deionized Water Sampled 7/9/2015					
Volatiles						
Trip Blank	Method: EPA 8260C / Prep: EPA 5030C					
Vinyl chloride	**< 2.0**	ug/L		RRS	301445	2015-07-13
Methylene chloride	**< 1.0**	ug/L		RRS	301445	2015-07-13
trans-1,2-Dichloroethene	**< 2.0**	ug/L		RRS	301445	2015-07-13
Chloroform	**< 2.0**	ug/L		RRS	301445	2015-07-13
1,2-Dichloroethane	**< 2.0**	ug/L		RRS	301445	2015-07-13
Trichloroethene	**< 2.0**	ug/L		RRS	301445	2015-07-13
Toluene	**< 2.0**	ug/L		RRS	301445	2015-07-13
Tetrachloroethene	**< 2.0**	ug/L		RRS	301445	2015-07-13
1,1,2,2-Tetrachloroethane	**< 2.0**	ug/L		RRS	301445	2015-07-13

Data Qualifiers and Definitions:

D1 Sample diluted due to initial result outside of linear calibrated range of the instrument.
D2 Sample initially diluted based on historical data.

Sample ID	Results	Units	Qualifiers	Analyst	Vessel ID	Date

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 thirty (30) days, sixty (60) days for asbestos samples, 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.

All results for solid samples are reported on a dry weight basis unless otherwise noted.

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CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

2801 Long Road, Grand Island, NY 14072 (716)773-8401 (716)773-8517 (Fax)

VandeMark Chemical, Inc. Organization Name	Semi-Annual Groundwater Monitoring Project Name	4 Samples / 16 Bottles # of Samples / # of Bottles
One North Transit Road Street Address	Client PO / Release #	Standard Turnaround Time/ Date Results Needed
Lockport, NY 14094 City, State, Zip	7/9/15 Date Sampled	NY1507046.44614 IsleChem Project #
Chris Banach Contact Person	For electronic report please provide e-mail address:	Rush Work Performed at Priority Rate (see below) Approved by Client Yes No Initials___
716-433-6764 / 716-433-2850 Phone# / Fax#	c.banach@vdmchemical.com E-mail	Approved by Lab Yes No Initials___

Sample ID	Sample Location	Matrix	Comp	Grab	Volatiles - Method 624 (2172)	Metals - (2620)	Chloride (622)	Field Parameters (2358)	Field Data	Bottle Type / Preservative
301421 301422	VDM-10	GW		x	x				Field pH: 5.75	(2) - 40 ml Vials (HCl)
301423		GW		x		x			Field Temp: 11.2°C	250 ml Poly (HNO3)
301424		GW		x			x			250 ml Poly (None)
301425 301426	VDM-11	GW		x	x				Field pH: 5.58	(2) - 40 ml Vials (HCl)
301427		GW		x		x			Field Temp: 14.2°C	250 ml Poly (HNO3)
301428		GW		x			x			250 ml Poly (None)
301429 301430	VDM-14	GW		x	x				Field pH: 5.58	(2) - 40 ml Vials (HCl)
301431		GW		x		x			Field Temp: 14.8°C	250 ml Poly (HNO3)
301432		GW		x			x			250 ml Poly (None)
	VDM-12	GW		x	x				Field pH: ___	(2) - 40 ml Vials (HCl)
	Did not	GW		x		x			Field Temp: ___	250 ml Poly (HNO3)
	sample	GW		x			x		KSS Field tech attests that all QC is in compliance unless otherwise noted.	250 ml Poly (None)

Comments: Final report to be e-mailed to Chris Banach (e-mail above), b.law, b.balus, b.krencik, c.banach, c.lemke, d.bilicki, e.vogt, j.barnes, p.ameis (all @vdmchenical.con

Volatiles - Chloroform, 1,2-Dichloromethane, trans-1,2-Dichloroethene, Methylene Chloride, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Trichloroethene, Toluene, & Vinyl Chlo

Metals - Cr, Cu, Fe, & Zn.

Sampled By:	Date	Time	Received by:	Date	Time	Received by:	Date	Time
[signature]	7/9/15	10:00						
Relinquished by: [signature]	7/9/15	15:00	**Relinquished by:**			**Received by lab:** [signature]	7/9/15	3:00 pm

Standard turnaround time is 10 days.

RUSH WORK CHARGES: 3-6 times the standard cost for same day depending on the time needed ~ 2.5 times the standard cost for next day ~ 1.75 times the standard cost for 3 (

By relinquishing these samples to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services.

CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

2801 Long Road, Grand Island, NY 14072 (716)773-8401 (716)773-8517 (Fax)

VandeMark Chemical, Inc. (Organization Name)	Semi-Annual Groundwater Monitoring (Project Name)	4 Samples / 13 Bottles (# of Samples / # of Bottles)
One North Transit Road (Street Address)	Client PO / Release #	Standard (Turnaround Time/ Date Results Needed)
Lockport, NY 14094 (City, State, Zip)	7/9/15 (Date Sampled)	NY150706. 4A/14 (IsleChem Project #)
Chris Banach (Contact Person)	For electronic report please provide e-mail address: c.banach@vdmchemical.com (E-mail)	Rush Work Performed at Priority Rate (see below)
716-433-6764 / 716-433-2850 (Phone# / Fax#)		Approved by Client Yes No Initials___
		Approved by Lab Yes No Initials___

Sample ID	Sample Location	Matrix	Comp	Grab	Volatiles - Method 624 (2172)	Metals - (2620)	Chloride (622)	Field Parameters (2358)		Bottle Type / Preservative
301433 301434	Eighteen Mile Creek	GW		x	x				Field pH: 7.62	(2) - 40 ml Vials (HCl)
301435		GW		x		x			Field Temp: 20.9°C	250 ml Poly (HNO3)
301436		GW		x			x			250 ml Poly (None)
301437 301438	D-55	GW		x	x				Field pH: 6.80	(2) - 40 ml Vials (HCl)
301439		GW		x		x			Field Temp: 11.3°C	250 ml Poly (HNO3)
301440		GW		x			x			250 ml Poly (None)
301441 301442	VDM-9	GW		x	x				Field pH: 6.16	(2) - 40 ml Vials (HCl)
301443		GW		x		x			Field Temp: 14.3°C	250 ml Poly (HNO3)
301444		GW		x			x		KSS Field tech attests that all QC is in compliance unless otherwise noted.	250 ml Poly (None)
301445	Trip Blank	GW		x	x					(1) - 40 ml Vial (HCl)

Comments: Final report to be e-mailed to Chris Banach (e-mail above), b.law, b.balus, b.krencik, c.banach, c.lemke, d.bilicki, e.vogt, j.barnes, p.ameis (all @vdmchenical.com)

Volatiles - Chloroform, 1,2-Dichloromethane, trans-1,2-Dichloroethene, Methylene Chloride, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Trichloroethene, Toluene, & Vinyl Chlorid

Metals - Cr, Cu, Fe, & Zn.

Sampled By:	Date	Time	Received by:	Date	Time	Received by:	Date	Time
[signature]	7/9/15	10:00						
Relinquished by: [signature]	Date 7/9/15	Time 1500	Relinquished by:	Date	Time	Received by lab: [signature]	Date 7/9/15	Time 3:00 pm

Standard turnaround time is 10 days.

RUSH WORK CHARGES: 3-6 times the standard cost for same day depending on the time needed ~ 2.5 times the standard cost for next day ~ 1.75 times the standard cost for 3 da

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CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

2801 Long Road, Grand Island, NY 14072 (716)773-8401 (716)773-8517 (Fax)

VandeMark Chemical, Inc. (Organization Name)	Semi-Annual Groundwater Monitoring (Project Name)	1 Sample / 4 Bottles (# of Samples / # of Bottles)
One North Transit Road (Street Address)	Client PO / Release #	Standard (Turnaround Time/ Date Results Needed)
Lockport, NY 14094 (City, State, Zip)	7/9/15 (Date Sampled)	NY1507096, 4/6/14 (IsleChem Project #)
Chris Banach (Contact Person)	For electronic report please provide e-mail address: c.banach@vdmchemical.com (E-mail)	Rush Work Performed at Priority Rate (see below)
716-433-6764 / 716-433-2850 (Phone# / Fax#)		Approved by Client Yes No Initials___
		Approved by Lab Yes No Initials___

Sample ID	Sample Location	Matrix	Comp	Grab	Volatiles - Method 624 (2172)	Metals - (2620)	Chloride (622)	Field Parameters (2358)	Bottle Type / Preservative
301446 301447	Field QA/QC Dup of 14	GW		x	x				(2) - 40 ml Vials (HCl)
301448		GW		x		x			250 ml Poly (HNO3)
301449		GW		x			x		250 ml Poly (None)

Field pH: 5.58

Field Temp: 14.3°C

_____ Field tech attests that all QC is in compliance unless otherwise noted.

Comments: Final report to be e-mailed to Chris Banach (e-mail above), b.law, b.balus, b.krencik, c.banach, c.lemke, d.bilicki, e.vogt, j.barnes, p.ameis (all @vdmchenical.com

Volatiles - Chloroform, 1,2-Dichloromethane, trans-1,2-Dichloroethene, Methylene Chloride, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Trichloroethene, Toluene, & Vinyl Chlor

Metals - Cr, Cu, Fe, & Zn.

Sampled By:	Date	Time	Received by:	Date	Time	Received by:	Date	Time
	7/9/15	1000						
Relinquished by:	**Date**	**Time**	**Relinquished by:**	**Date**	**Time**	**Received by lab:**	**Date**	**Time**
	7/9/15	1500					7/9/15	3:00 pm

Standard turnaround time is 10 days.

RUSH WORK CHARGES: 3-6 times the standard cost for same day depending on the time needed ~ 2.5 times the standard cost for next day ~ 1.75 times the standard cost for 3 d

By relinquishing these samples to IsleChem, LLC, you are accepting the current IsleChem, LLC terms and conditions for the sale of services.

Sample Receipt Checklist

IsleChem™ LLC Grand Island, NY

Client Name: VanDeMark

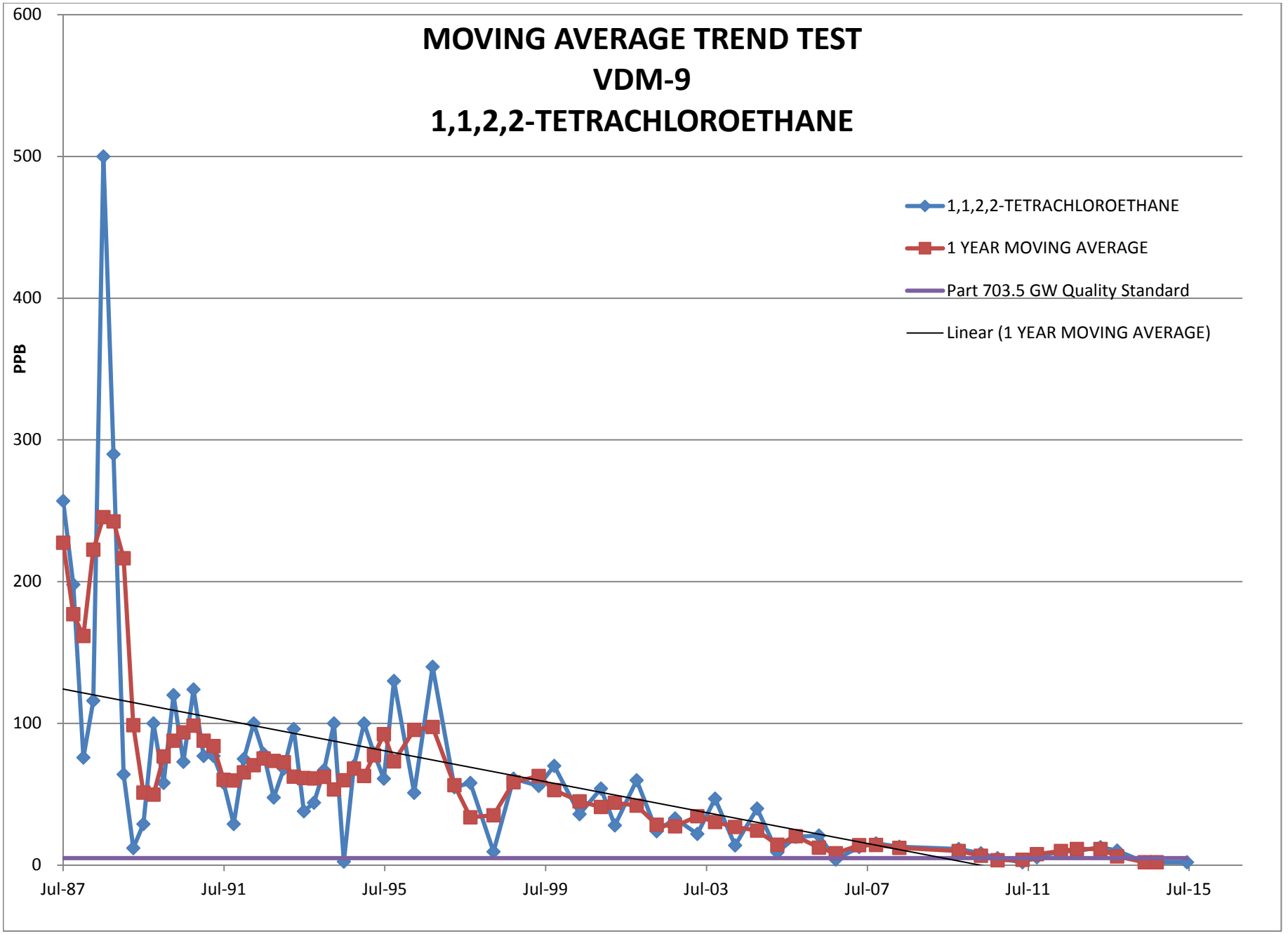
IsleChem, LLC Job Number: NY 1507096

Sample(s) received by: Kevin Rabon Date: 7/9/15 Time: 3:00pm

1. Is the chain of custody identified clearly with complete documentation including:

Sample location/Identification	YES	NO	N/A	Corrected
Sample date / time	YES	NO	N/A	Corrected
Client name/ Preservation type	YES	NO	N/A	Corrected
Required analysis is listed on each bottle	YES	NO	N/A	Corrected
2. Are the sample labels clear and do they provide a unique identification of the sample ID linked to COC?	YES	NO	N/A	Corrected
3. Are the sample containers appropriate?	YES	NO	N/A	Corrected
4. Is the sample date within the required hold times?	YES	NO	N/A	Corrected
5. Is there adequate volume available for requested analysis?	YES	NO	N/A	Corrected
6. Did the customer list what sample analysis is required?	YES	NO	N/A	Corrected
7. Is a chain of custody included?	YES	NO	N/A	Corrected
8. Is the chain of custody complete?	YES	NO	N/A	Corrected
9. Are the sample(s) free of apparent damage?	YES	NO	N/A	Corrected
10. Temperature 4°C Has cooling begun?	YES	NO	N/A	-
11. Is temperature. ≤ 6° C if sample(s) were held prior to delivery date?	YES	NO	N/A	-
12. Has sample preservation been verified? If necessary.	YES	NO	N/A	Corrected
13. Has the Residual Chlorine been checked? If necessary.	YES	NO	N/A	Corrected
14. VOA sample vials do not have headspace or visible "pea-sized" air bubbles > (1/4") in diameter.	YES	NO	N/A	-
15. If necessary, Lab Management has been notified of any short hold or quick TAT samples.	YES	NO	N/A	-
16. If necessary, Client or Lab Management has been notified of any samples that don't meet sample acceptance criteria.	YES	NO	N/A	-

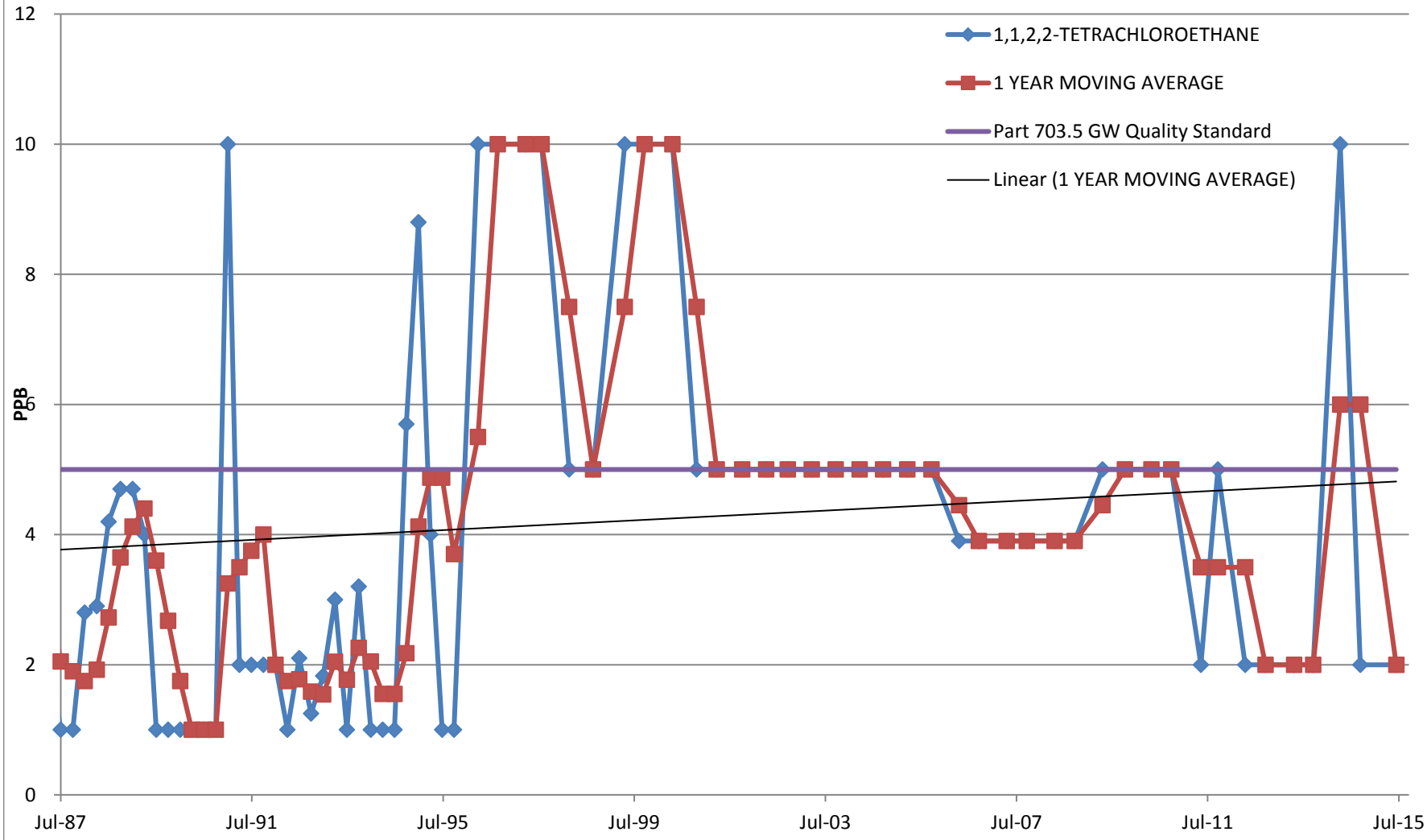
Comments/Actions: _____


MOVING AVERAGE TREND TEST
VDM-9
1,1,2,2-TETRACHLOROETHANE
PPB
600
500
400
300
200
100
0
Jul-87
Jul-91
Jul-95
Jul-99
Jul-03
Jul-07
Jul-11
Jul-15
1,1,2,2-TETRACHLOROETHANE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 9 : 1,1,2,2-TETRACHLOROETHANE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jan-87			5	5	TOTAL STD	75.45893995					1
Apr-87			5	5	TOTAL Sx	9.019068386					2
Jul-87	257		5	5	TOTAL MEAN	62.67549296					3
Oct-87	198		5	5	TOTAL N	71	227.50				4
Jan-88	76		5	5	TOTAL df	70	177.00				5
Apr-88	116		5	5			161.75				6
Jul-88	500		5	5			222.50				7
Oct-88	290		5	5			245.50				8
Jan-89	64		5	5			242.50				9
Apr-89	12		5	5			216.50				10
Jul-89	29		5	5			98.75				11
Oct-89	100		5	5			51.25				12
Jan-90	58		5	5			49.75				13
Apr-90	120		5	5			76.75				14
Jul-90	73		5	5			87.75				15
Oct-90	124		5	5			93.75				16
Jan-91	77		5	5			98.50				17
Apr-91	77		5	5			87.75				18
Jul-91	58		5	5			84.00				19
Oct-91	29		5	5			60.25				20
Jan-92	75		5	5			59.75				21
Apr-92	100		5	5			65.50				22
Jul-92	78.4		5	5			70.60				23
Oct-92	47.8		5	5			75.30				24
Jan-93	68.1		5	5			73.58				25
Apr-93	96		5	5			72.58				26
Jul-93	38		5	5			62.48				27
Oct-93	44		5	5			61.53				28
Jan-94	67		5	5			61.25				29
Apr-94	100		5	5			62.25				30
Jul-94	3		5	5			53.40				31
Oct-94	70		5	5			59.90				32
Jan-95	100		5	5			68.15				33
Apr-95	79		5	5			62.90				34
Jul-95	61		5	5			77.50				35
Oct-95	130		5	2			92.50				36
Apr-96	51		5	2			73.25	73.25	04/01/96		37
Sep-96	140		5	10			95.5	95.5	09/17/96	semiannual	38
Apr-97	55		5	10			97.5	97.5	04/03/97	semiannual	39
Aug-97	58		5	10			56.5	56.5	08/27/97	semiannual	40
Mar-98	9.5		5	5			33.75	33.75	03/24/98	semiannual	41
Sep-98	61		5	5			35.25	35.25	09/22/98	semiannual	42
May-99	56		5	10			58.5	58.5	05/11/99	semiannual	43
Sep-99	70		5	10			63	63	09/29/99	semiannual	44
May-00	36		5	10			53	53	05/16/00	semiannual	45
Nov-00	54		5	5			45	45	11/28/00	semiannual	46
Apr-01	28		5	5			41	41	04/04/01	semiannual	47
Oct-01	60		5	5			44	44	10/18/01	semiannual	48
Apr-02	24		5	5			42	42	04/18/02	semiannual	49
Oct-02	33		5	5			28.5	28.5	10/03/02	semiannual	50
Apr-03	22		5	5			27.5	27.5	04/25/03	semiannual	51
Oct-03	47		5	5			34.5	34.5	10/03/03	semiannual	52
Apr-04	14		5	5			30.5	30.5	04/01/04	semiannual	53
Oct-04	40		5	5			27	27	10/19/04	semiannual	54
Apr-05	9		5	5			24.5	24.5	04/22/05	semiannual	55
Oct-05	20		5	5			14.5	14.5	10/07/05	semiannual	56
May-06	21		5	5			20.5	20.5	05/11/06	semiannual	57
Oct-06	3.9		5	5			12.45	12.45	10/18/06	semiannual	58
May-07	12.8		5	5			8.35	8.35	05/22/07	semiannual	59
Oct-07	15.4		5	5			14.1	14.1	10/25/07	semiannual	60
May-08	13		5	5			14.2	14.2	05/13/08	semiannual	61
Oct-09	11.5		5	5			12.25	12.25	10/29/09	semiannual	62
May-10	8.46		5	5			9.98	9.98	05/20/10	semiannual	63
Oct-10	5		5	5			6.73	6.73	10/18/10	semiannual	64
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	65
Oct-11	5.5		5	2			3.75	3.75	10/12/11	semiannual	66
May-12	9.9		5	2			7.7	7.7	05/18/12	semiannual	67
Oct-12	10		5	2			9.95	9.95	10/11/12	semiannual	68
May-13	12.7		5	2			11.35	11.35	05/17/13	semiannual	69
Oct-13	10.3		5	2			11.5	11.5	10/11/13	semiannual	70
Jun-14	2.1		5	2			6.2	6.2	05/06/14	semiannual	71
Oct-14	2		5	2			2.05	2.05	10/06/14	semiannual	72
Jul-15	2		5	2			2	2	07/09/15	annual	73

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



WELL VDM - 10 : 1,1,2,2-TETRACHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE
-	-	-		-	----------	-	-
Jul-84			5	5	TOTAL STD	2.73004838	
Oct-84			5	5	TOTAL Sx	0.30148341	
Jan-85	5		5	5	TOTAL MEA	4.10578313	
Apr-85	5		5	5	TOTAL N	83	5.00
Jul-85	5		5	5	TOTAL df	82	5.00
Oct-85	10		5	5			6.25
Jan-86	5		5	5			6.25
Apr-86	5		5	5			6.25
Jul-86	5		5	5			6.25
Oct-86	1.6		5	5			4.15
Jan-87	3.4		5	5			3.75
Apr-87	2.2		5	5			3.05
Jul-87	1		5	5			2.05
Oct-87	1		5	5			1.90
Jan-88	2.8		5	5			1.75
Apr-88	2.9		5	5			1.93
Jul-88	4.2		5	5			2.73
Oct-88	4.7		5	5			3.65
Jan-89	4.7		5	5			4.13
Apr-89	4		5	5			4.40
Jul-89	1		5	5			3.60
Oct-89	1		5	5			2.68
Jan-90	1		5	5			1.75
Apr-90	1		5	5			1.00
Jul-90	1		5	5			1.00
Oct-90	1		5	5			1.00
Jan-91	10		5	5			3.25
Apr-91	2		5	5			3.50
Jul-91	2		5	5			3.75
Oct-91	2		5	5			4.00
Jan-92	2		5	5			2.00
Apr-92	1		5	5			1.75
Jul-92	2.1		5	5			1.78
Oct-92	1.25		5	5			1.59
Jan-93	1.83		5	5			1.55
Apr-93	3		5	5			2.05
Jul-93	1		5	5			1.77
Oct-93	3.2		5	5			2.26
Jan-94	1		5	5			2.05
Apr-94	1		5	5			1.55
Jul-94	1		5	5			1.55
Oct-94	5.7		5	5			2.18
Jan-95	8.8		5	5			4.13
Apr-95	4		5	5			4.88
Jul-95	1		5	5			4.88
Oct-95	1		5	1			3.70
Apr-96	10		5	10			5.50
Sep-96	10		5	10			10
Apr-97	10		5	10			10
Aug-97	10		5	10			10
Mar-98	5		5	5			7.5
Sep-98	5		5	5			5
May-99	10		5	10			7.5
Oct-99	10		5	10			10
May-00	10		5	10			10
Nov-00	5		5	5			7.5
Apr-01	5		5	5			5
Oct-01	5		5	5			5
Apr-02	5		5	5			5
Oct-02	5		5	5			5
Apr-03	5		5	5			5
Oct-03	5		5	5			5
Apr-04	5		5	5			5
Oct-04	5		5	5			5
Apr-05	5		5	5			5
Oct-05	5		5	5			5
May-06	3.9		5	5			4.45
Oct-06	3.9		5	5			3.9
May-07	3.9		5	5			3.9
Oct-07	3.9		5	5			3.9
May-08	3.9		5	5			3.9
Oct-08	3.9		5	5			3.9
May-09	5		5	5			4.45
Oct-09	5		5	5			5
May-10	5		5	5			5
Oct-10	5		5	5			5
Jun-11	2		5	2			3.5
Oct-11	5		5	5			3.5
May-12	2		5	2			3.5
Oct-12	2		5	2			2
May-13	2		5	2			2
Oct-13	2		5	2			2
May-14	10		5	10			6
Oct-14	2		5	2			6
Jul-15	2		5	2			2

WELL VDM - 10 : 1,1,2,2,-TETRACHLOROETHANE

				SAMPLING EVENT NO.
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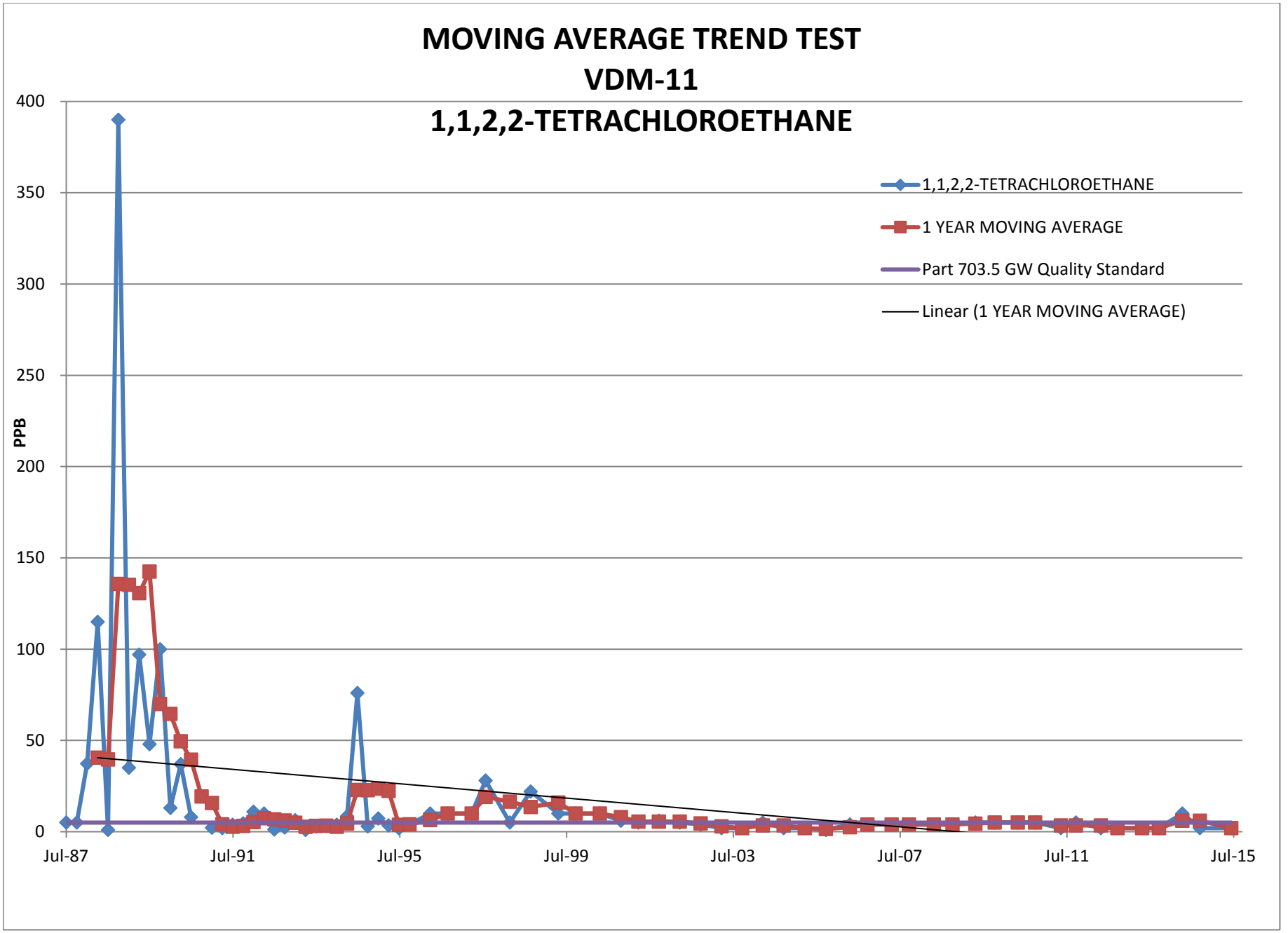
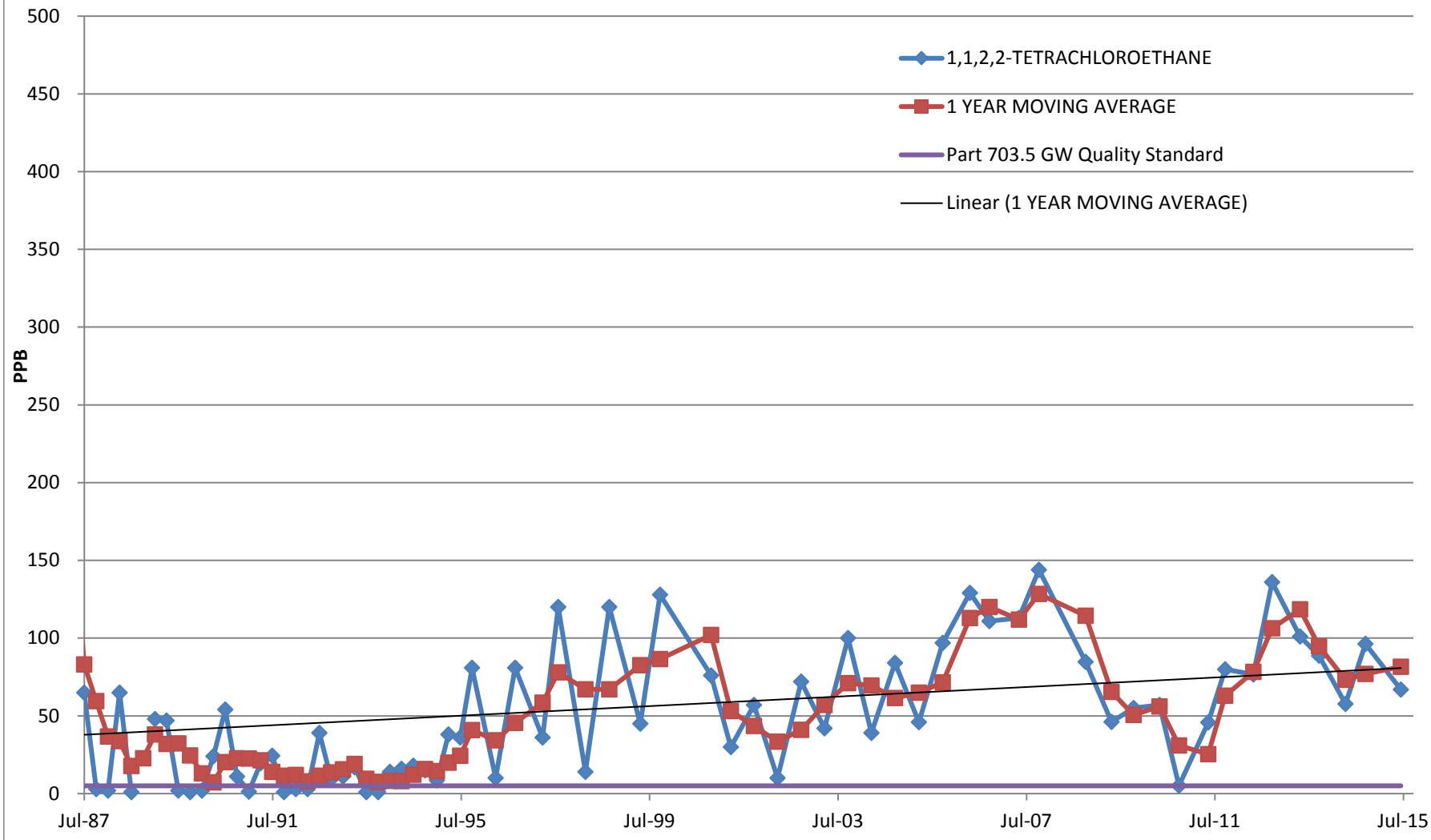
				45
				46
				47
10	09/17/96	semiannual		48
10	04/03/97	semiannual		49
10	08/27/97	semiannual		50
7.5	03/24/98	semiannual		51
5	09/22/98	semiannual		52
7.5	05/11/99	semiannual		53
10	10/05/99	semiannual		54
10	05/16/00	semiannual		55
7.5	11/28/00	semiannual		56
5	04/04/01	semiannual		57
5	10/18/01	semiannual		58
5	04/18/02	semiannual		59
5	10/03/02	semiannual		60
5	04/25/03	semiannual		61
5	10/03/03	semiannual		62
5	04/01/04	semiannual		63
5	10/19/04	semiannual		64
5	04/22/05	semiannual		65
5	10/07/05	semiannual		66
4.45	05/11/06	semiannual		67
3.9	10/18/06	semiannual		68
3.9	05/22/07	semiannual		69
3.9	10/25/07	semiannual		70
3.9	05/13/08	semiannual		71
3.9	10/23/08	semiannual		72
4.45	05/09/09	semiannual		73
5	10/29/09	semiannual		74
5	05/20/10	semiannual		75
5	10/18/10	semiannual		76
3.5	06/02/11	semiannual		77
3.5	10/12/11	semiannual		78
3.5	05/08/12	semiannual		79
2	10/11/12	semiannual		80
2	05/17/13	semiannual		81
2	10/11/13	semiannual		82
6	05/05/14	semiannual		83
6	10/06/14	semiannual		84
2	07/09/15	annual		85


MOVING AVERAGE TREND TEST
VDM-11
1,1,2,2-TETRACHLOROETHANE
PPB
400
350
300
250
200
150
100
50
0
Jul-87
Jul-91
Jul-95
Jul-99
Jul-03
Jul-07
Jul-11
Jul-15
1,1,2,2-TETRACHLOROETHANE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 11 : 1,1,2,2-TETRACHLOROETHANE

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				SAMPLING EVENT NO.
-	-			-	-	-	-				-
Jan-87			5	5	TOTAL STD	49.6321					1
Apr-87			5	5	TOTAL Sx	5.8902					2
Jul-87	5		5	5	TOTAL MEAI	17.7329					3
Oct-87	5		5	5	TOTAL N	72					4
Jan-88	37.2		5	5	TOTAL df	71					5
Apr-88	115		5	5			40.55				6
Jul-88	1		5	5			39.55				7
Oct-88	390		5	5			135.80				8
Jan-89	35		5	5			135.25				9
Apr-89	97		5	5			130.75				10
Jul-89	48		5	5			142.50				11
Oct-89	100		5	5			70.00				12
Jan-90	13		5	5			64.50				13
Apr-90	37		5	5			49.50				14
Jul-90	8		5	5			39.50				15
Oct-90			5	5			19.33				16
Jan-91	2.2		5	5			15.73				17
Apr-91	2		5	5			4.07				18
Jul-91	3.8		5	5			2.67				19
Oct-91	4.6		5	5			3.15				20
Jan-92	11		5	5			5.35				21
Apr-92	10		5	5			7.35				22
Jul-92	1.25		5	5			6.71				23
Oct-92	2.4		5	5			6.16				24
Jan-93	6.22		5	5			4.97				25
Apr-93	1		5	5			2.72				26
Jul-93	3		5	5			3.16				27
Oct-93	3.1		5	5			3.33				28
Jan-94	3.8		5	5			2.73				29
Apr-94	8.5		5	5			4.60				30
Jul-94	76		5	5			22.85				31
Oct-94	2.9		5	5			22.80				32
Jan-95	7.2		5	5			23.65				33
Apr-95	3.5		5	5			22.40				34
Jul-95	1.8		5	5			3.85				35
Oct-95	3.9		5	1			4.10				36
Apr-96	10		5	10			6.425				37
Sep-96	10		5	10			10	10	9/17/1996	semiannual	38
Apr-97	10		5	10			10	10	4/3/1997	semiannual	39
Aug-97	28		5	10			19	19	8/27/1997	semiannual	40
Mar-98	5		5	5			16.5	16.5	3/24/1998	semiannual	41
Sep-98	22		5	5			13.5	13.5	9/22/1998	semiannual	42
May-99	10		5	10			16	16	5/11/1999	semiannual	43
Oct-99	10		5	10			10	10	10/5/1999	semiannual	44
May-00	10		5	10			10	10	5/16/2000	semiannual	45
Nov-00	6		5	5			8	8	11/28/2000	semiannual	46
Apr-01	5		5	5			5.5	5.5	4/4/2001	semiannual	47
Oct-01	6		5	5			5.5	5.5	10/18/2001	semiannual	48
Apr-02	5		5	5			5.5	5.5	4/18/2002	semiannual	49
Oct-02	4		5	5			4.5	4.5	10/3/2002	semiannual	50
Apr-03	2		5	5			3	3	4/25/2003	semiannual	51
Oct-03	2		5	5			2	2	10/3/2003	semiannual	52
Apr-04	5		5	5			3.5	3.5	4/1/2004	semiannual	53
Oct-04	2		5	5			3.5	3.5	10/19/2004	semiannual	54
Apr-05	2		5	5			2	2	4/22/2005	semiannual	55
Oct-05	1		5	5			1.5	1.5	10/7/2005	semiannual	56
May-06	3.9		5	5			2.45	2.45	5/11/2006	semiannual	57
Oct-06	3.9		5	5			3.9	3.9	10/18/2006	semiannual	58
May-07	3.9		5	5			3.9	3.9	5/22/2007	semiannual	59
Oct-07	3.9		5	5			3.9	3.9	10/25/2007	semiannual	60
May-08	3.9		5	5			3.9	3.9	5/13/2008	semiannual	61
Oct-08	3.9		5	5			3.9	3.9	10/23/2008	semiannual	62
May-09	5		5	5			4.45	4.45	5/12/2009	semiannual	63
Oct-09	5		5	5			5	5	10/29/2009	semiannual	64
May-10	5		5	5			5	5	5/20/2010	semiannual	65
Oct-10	5		5	5			5	5	10/18/2010	semiannual	66
Jun-11	2		5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5		5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2		5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2		5	2			2	2	10/11/2012	semiannual	70
May-13	2		5	2			2	2	5/17/2013	semiannual	71
Oct-13	2		5	2			2	2	10/11/2013	semiannual	72
May-14	10		5	10			6	6	5/5/2014	semiannual	73
Oct-14	2		5	2			6	6	10/6/2014	semiannual	74
Jul-15	2		5	2			2	2	7/9/2015	annual	75

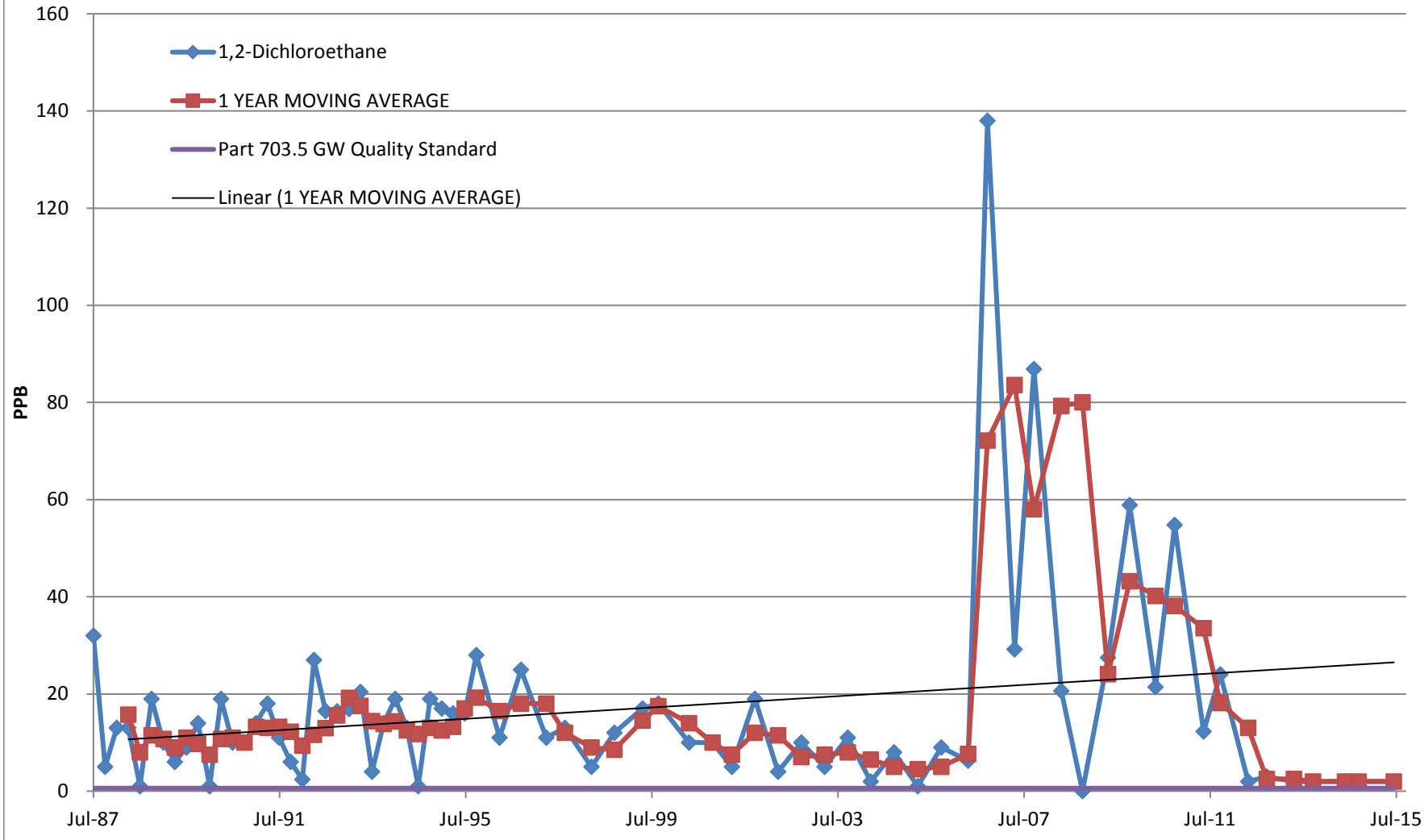
MOVING AVERAGE TREND TEST
VDM-14
1,1,2,2-TETRACHLOROETHANE



WELL VDM - 14 : 1,1,2,2-TETRACHLOROETHANE

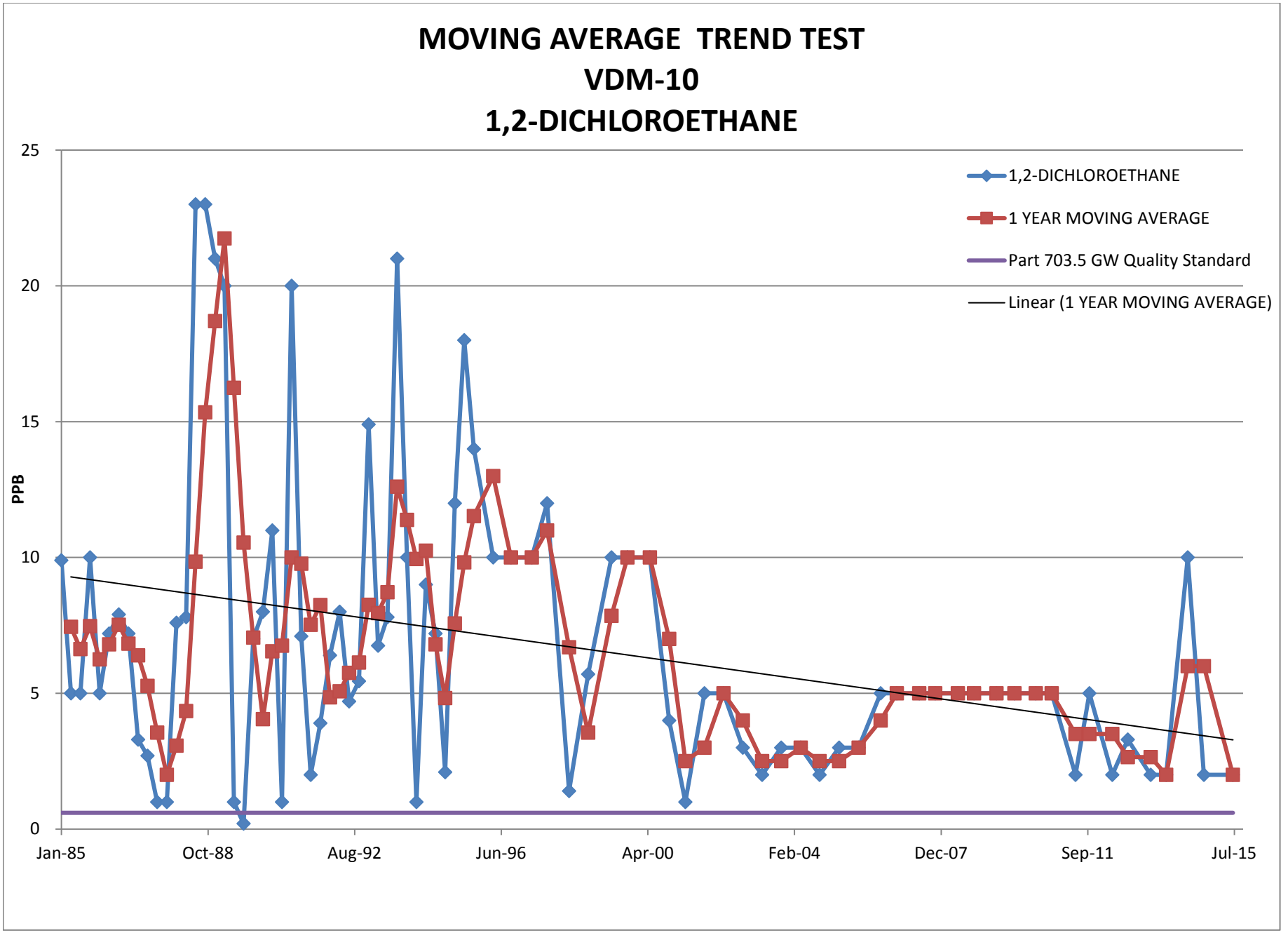
SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	1		5	5	TOTAL STD	60.41959					1
Jan-86	46		5	5	TOTAL Sx	6.930603					2
Apr-86	38		5	5	TOTAL MEAN	54.3487					3
Jul-86	450		5	5	TOTAL N	77	133.75				4
Oct-86	97		5	5	TOTAL df	76	157.75				5
Jan-87	93		5	5			169.50				6
Apr-87	77		5	5			179.25				7
Jul-87	65		5	5			83.00				8
Oct-87	3		5	5			59.50				9
Jan-88	2		5	5			36.75				10
Apr-88	65		5	5			33.75				11
Jul-88	1		5	5			17.75				12
Oct-88			5	5			22.67				13
Jan-89	48		5	5			38.00				14
Apr-89	47		5	5			32.00				15
Jul-89	2		5	5			32.33				16
Oct-89	1		5	5			24.50				17
Jan-90	2		5	5			13.00				18
Apr-90	24		5	5			7.25				19
Jul-90	54		5	5			20.25				20
Oct-90	11		5	5			22.75				21
Jan-91	1.25		5	5			22.56				22
Apr-91	19.6		5	5			21.46				23
Jul-91	24.4		5	5			14.06				24
Oct-91	1		5	5			11.56				25
Jan-92	3		5	5			12.00				26
Apr-92	3		5	5			7.85				27
Jul-92	39		5	5			11.50				28
Oct-92	9.3		5	5			13.58				29
Jan-93	11		5	5			15.58				30
Apr-93	17		5	5			19.08				31
Jul-93	1		5	5			9.58				32
Oct-93	1		5	5			7.50				33
Jan-94	14		5	5			8.25				34
Apr-94	16		5	5			8.00				35
Jul-94	18		5	5			12.25				36
Oct-94	15		5	5			15.75				37
Jan-95	8.6		5	5			14.40				38
Apr-95	38		5	5			19.90				39
Jul-95	36		5	5			24.40				40
Oct-95	81		5	2			40.90				41
Apr-96	10		5	10			34.25				42
Sep-96	81		5	10			45.5	45.5	9/17/1996	semiannual	43
Apr-97	36		5	10			58.5	58.5	4/3/1997	semiannual	44
Aug-97	120		5	100			78	78	8/27/1997	semiannual	45
Mar-98	14		5	5			67	67	3/24/1998	semiannual	46
Sep-98	120		5	5			67	67	9/22/1998	semiannual	47
May-99	45		5	10			82.5	82.5	5/11/1999	semiannual	48
Oct-99	128		5	10			86.5	86.5	10/5/1999	semiannual	49
Nov-00	76		5	5			102	102	11/28/2000	semiannual	50
Apr-01	30		5	5			53	53	4/4/2001	semiannual	51
Oct-01	57		5	5			43.5	43.5	10/18/2001	semiannual	52
Apr-02	10		5	5			33.5	33.5	4/18/2002	semiannual	53
Oct-02	72		5	25			41	41	10/3/2002	semiannual	54
Apr-03	42		5	10			57	57	4/25/2003	semiannual	55
Oct-03	100		5	5			71	71	10/3/2003	semiannual	56
Apr-04	39		5	10			69.5	69.5	4/1/2004	semiannual	57
Oct-04	84		5	10			61.5	61.5	10/19/2004	semiannual	58
Apr-05	46		5	10			65	65	4/22/2005	semiannual	59
Oct-05	97		5	10			71.5	71.5	10/7/2005	semiannual	60
May-06	129		5	10			113	113	5/11/2006	semiannual	61
Oct-06	111		5	10			120	120	10/18/2006	semiannual	62
May-07	113		5	10			112	112	5/22/2007	semiannual	63
Oct-07	144		5	10			128.5	128.5	10/25/2007	semiannual	64
Oct-08	84.7		5	10			114.35	114.35	10/23/2008	semiannual	65
May-09	46.2		5	25			65.45	65.45	5/12/2009	semiannual	66
Oct-09	55		5	25			50.6	50.6	10/29/2009	semiannual	67
May-10	57		5	25			56	56	5/20/2010	semiannual	68
Oct-10	5		5	25			31	31	10/18/2010	semiannual	69
Jun-11	45.8		5	25			25.4	25.4	6/2/2011	semiannual	70
Oct-11	80		5	50			62.9	62.9	10/12/2011	semiannual	71
May-12	76.6		5	2			78.3	78.3	5/18/2012	semiannual	72
Oct-12	136		5	2			106.3	106.3	10/11/2012	semiannual	73
May-13	101		5	2			118.5	118.5	5/17/2013	semiannual	74
Oct-13	88.7		5	2			94.85	94.85	10/11/2013	semiannual	75
May-14	57.6		5	2			73.15	73.15	5/5/2014	semiannual	76
Oct-14	96.2		5	2			76.9	76.9	10/6/2014	semiannual	77
Jul-15	66.9		5	2			81.55	81.55	7/9/2015	annual	78

MOVING AVERAGE TREND TEST
VDM-9
1,2-DICHLOROETHANE



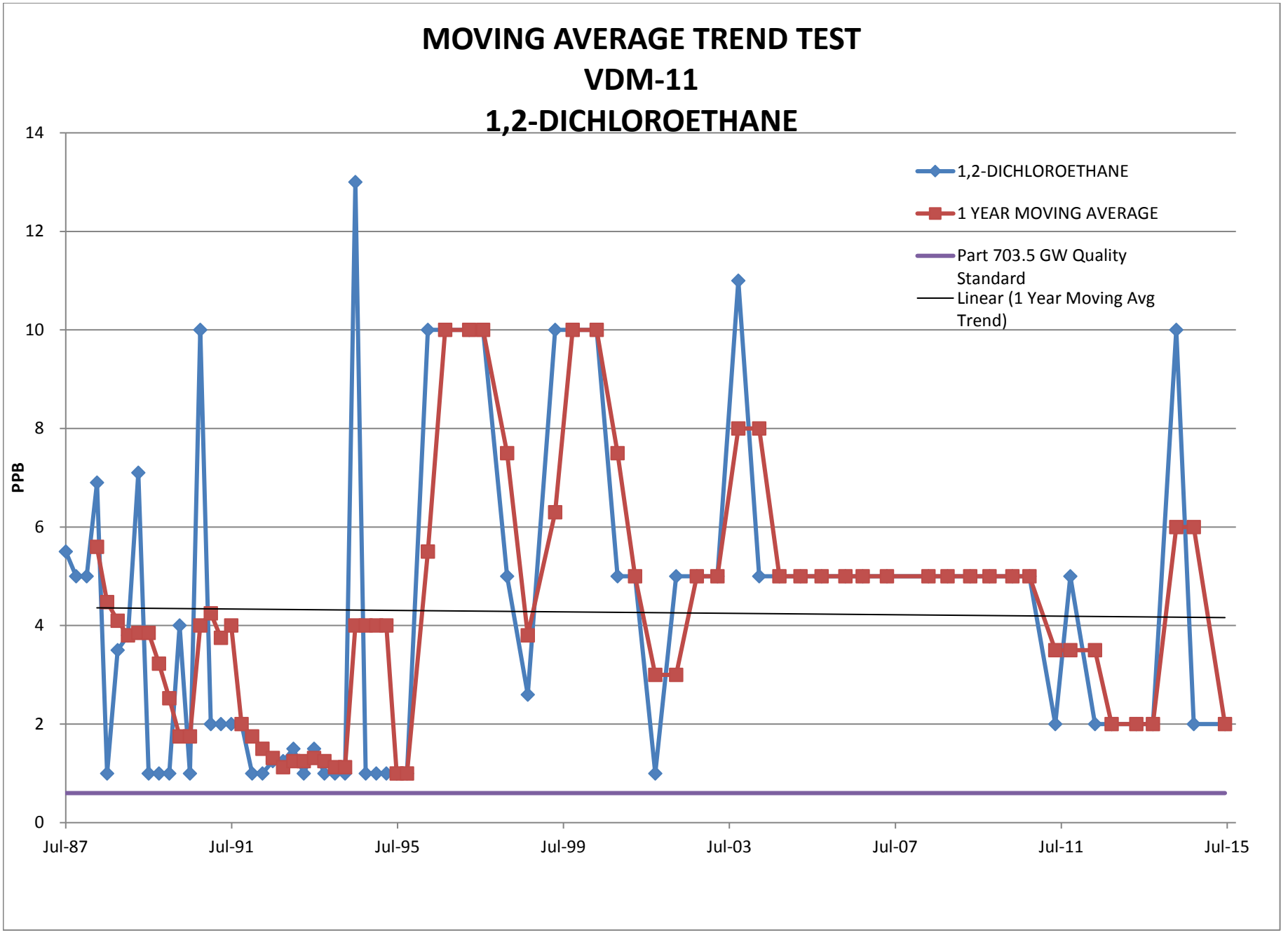
WELL VDM - 9 : 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87			0.6	5	TOTAL STD	19.88238					1
Apr-87			0.6	5	TOTAL Sx	2.343161					2
Jul-87	32		0.6	5	TOTAL MEAN	15.86986					3
Oct-87	5		0.6	5	TOTAL N	73					4
Jan-88	13		0.6	5	TOTAL df	72					5
Apr-88	13		0.6	5			15.75				6
Jul-88	1		0.6	5			8.00				7
Oct-88	19		0.6	5			11.50				8
Jan-89	10		0.6	5			10.75				9
Apr-89	6		0.6	5			9.00				10
Jul-89	9		0.6	5			11.00				11
Oct-89	14		0.6	5			9.75				12
Jan-90	1		0.6	5			7.50				13
Apr-90	19		0.6	5			10.75				14
Jul-90	10		0.6	5			11.00				15
Oct-90	10		0.6	5			10.00				16
Jan-91	14		0.6	5			13.25				17
Apr-91	18		0.6	5			13.00				18
Jul-91	11		0.6	5			13.25				19
Oct-91	6		0.6	5			12.25				20
Jan-92	2.4		0.6	5			9.35				21
Apr-92	27		0.6	5			11.60				22
Jul-92	16.5		0.6	5			12.98				23
Oct-92	16.4		0.6	5			15.58				24
Jan-93	16.9		0.6	5			19.20				25
Apr-93	20.4		0.6	5			17.55				26
Jul-93	4		0.6	5			14.43				27
Oct-93	14		0.6	5			13.83				28
Jan-94	19		0.6	5			14.35				29
Apr-94	13		0.6	5			12.50				30
Jul-94	1		0.6	5			11.75				31
Oct-94	19		0.6	5			13.00				32
Jan-95	17		0.6	5			12.50				33
Apr-95	16		0.6	5			13.25				34
Jul-95	16		0.6	5			17.00				35
Oct-95	28		0.6	2			19.25				36
Apr-96	11		0.6	2			16.5	16.5			37
Sep-96	25		0.6	10			18	18	09/17/96	semiannual	38
Apr-97	11		0.6	10			18	18	04/03/97	semiannual	39
Aug-97	13		0.6	10			12	12	08/27/97	semiannual	40
Mar-98	5		0.6	5			9	9	03/24/98	semiannual	41
Sep-98	12		0.6	5			8.5	8.5	09/22/98	semiannual	42
May-99	17		0.6	10			14.5	14.5	05/11/99	semiannual	43
Sep-99	18		0.6	10			17.5	17.5	09/29/99	semiannual	44
May-00	10		0.6	10			14	14	05/16/00	semiannual	45
Nov-00	10		0.6	5			10	10	11/28/00	semiannual	46
Apr-01	5		0.6	5			7.5	7.5	04/04/01	semiannual	47
Oct-01	19		0.6	5			12	12	10/18/01	semiannual	48
Apr-02	4		0.6	5			11.5	11.5	04/18/02	semiannual	49
Oct-02	10		0.6	5			7	7	10/03/02	semiannual	50
Apr-03	5		0.6	5			7.5	7.5	04/25/03	semiannual	51
Oct-03	11		0.6	5			8	8	10/03/03	semiannual	52
Apr-04	2		0.6	5			6.5	6.5	04/01/04	semiannual	53
Oct-04	8		0.6	5			5	5	10/19/04	semiannual	54
Apr-05	1		0.6	5			4.5	4.5	04/22/05	semiannual	55
Oct-05	9		0.6	5			5	5	10/07/05	semiannual	56
May-06	6.3		0.6	5			7.65	7.65	05/11/06	semiannual	57
Oct-06	138		0.6	5			72.15	72.15	10/18/06	semiannual	58
May-07	29.2		0.6	5			83.6	83.6	05/22/07	semiannual	59
Oct-07	86.9		0.6	5			58.05	58.05	10/25/07	semiannual	60
May-08	20.6		0.6	5			79.3	79.3	05/13/08	semiannual	61
Oct-08	ns		0.6	ns			80	80	10/23/08	semiannual	62
May-09	27.5		0.6	5			24.05	24.05	05/12/09	semiannual	63
Oct-09	58.9		0.6	5			43.2	43.2	10/29/09	semiannual	64
May-10	21.4		0.6	5			40.15	40.15	05/20/10	semiannual	65
Oct-10	54.8		0.6	5			38.1	38.1	10/18/10	semiannual	66
Jun-11	12.3		0.6	5			33.55	33.55	06/02/11	semiannual	67
Oct-11	24		0.6	5			18.15	18.15	10/12/11	semiannual	68
May-12	2		0.6	2			13	13	05/18/12	semiannual	69
Oct-12	3		0.6	2			2.5	2.5	10/11/12	semiannual	70
May-13	2		0.6	2			2.5	2.5	05/17/13	semiannual	71
Oct-13	2		0.6	2			2	2	10/11/13	semiannual	72
Jun-14	2		0.6	2			2	2	05/05/14	semiannual	73
Oct-14	2		0.6	2			2	2	10/06/14	semiannual	74
Jul-15	2		0.6	2			2	2	07/09/15	annual	75


MOVING AVERAGE TREND TEST
VDM-10
1,2-DICHLOROETHANE
PPB
25
20
15
10
5
0
Jan-85
Oct-88
Aug-92
Jun-96
Apr-00
Feb-04
Dec-07
Sep-11
Jul-15
1,2-DICHLOROETHANE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 10 : 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				EVENT NO.
Jul-84			0.6	5	TOTAL STD	5.37505022					1
Oct-84			0.6	5	TOTAL Sx	0.593575					2
Jan-85	9.9		0.6	5	TOTAL MEAN	6.87349398					3
Apr-85	5		0.6	5	TOTAL N	83	7.45				4
Jul-85	5		0.6	5	TOTAL df	82	6.63				5
Oct-85	10		0.6	5			7.48				6
Jan-86	5		0.6	5			6.25				7
Apr-86	7.2		0.6	5			6.80				8
Jul-86	7.9		0.6	5			7.53				9
Oct-86	7.2		0.6	5			6.83				10
Jan-87	3.3		0.6	5			6.40				11
Apr-87	2.7		0.6	5			5.28				12
Jul-87	1		0.6	5			3.55				13
Oct-87	1		0.6	5			2.00				14
Jan-88	7.6		0.6	5			3.08				15
Apr-88	7.8		0.6	5			4.35				16
Jul-88	23		0.6	5			9.85				17
Oct-88	23		0.6	5			15.35				18
Jan-89	21		0.6	5			18.70				19
Apr-89	20		0.6	5			21.75				20
Jul-89	1		0.6	5			16.25				21
Oct-89	0.2		0.6	5			10.55				22
Jan-90	7		0.6	5			7.05				23
Apr-90	8		0.6	5			4.05				24
Jul-90	11		0.6	5			6.55				25
Oct-90	1		0.6	5			6.75				26
Jan-91	20		0.6	5			10.00				27
Apr-91	7.1		0.6	5			9.78				28
Jul-91	2		0.6	5			7.53				29
Oct-91	3.9		0.6	5			8.25				30
Jan-92	6.4		0.6	5			4.85				31
Apr-92	8		0.6	5			5.08				32
Jul-92	4.7		0.6	5			5.75				33
Oct-92	5.45		0.6	5			6.14				34
Jan-93	14.9		0.6	5			8.26				35
Apr-93	6.75		0.6	5			7.95				36
Jul-93	7.8		0.6	5			8.73				37
Oct-93	21		0.6	5			12.61				38
Jan-94	10		0.6	5			11.39				39
Apr-94	1		0.6	5			9.95				40
Jul-94	9		0.6	5			10.25				41
Oct-94	7.2		0.6	5			6.80				42
Jan-95	2.1		0.6	5			4.83				43
Apr-95	12		0.6	5			7.58				44
Jul-95	18		0.6	5			9.83				45
Oct-95	14		0.6	1			11.53				46
Apr-96	10		0.6	10			13.00	13.00			47
Sep-96	10		0.6	10			10	10	09/17/96	semiannual	48
Apr-97	10		0.6	10			10	10	04/03/97	semiannual	49
Aug-97	12		0.6	10			11	11	08/27/97	semiannual	50
Mar-98	1.4		0.6	5			6.7	6.7	03/24/98	semiannual	51
Sep-98	5.7		0.6	5			3.55	3.55	09/22/98	semiannual	52
May-99	10		0.6	10			7.85	7.85	05/11/99	semiannual	53
Oct-99	10		0.6	10			10	10	10/05/99	semiannual	54
May-00	10		0.6	10			10	10	05/16/00	semiannual	55
Nov-00	4		0.6	5			7	7	11/28/00	semiannual	56
Apr-01	1		0.6	5			2.5	2.5	04/04/01	semiannual	57
Oct-01	5		0.6	5			3	3	10/18/01	semiannual	58
Apr-02	5		0.6	5			5	5	04/18/02	semiannual	59
Oct-02	3		0.6	5			4	4	10/03/02	semiannual	60
Apr-03	2		0.6	5			2.5	2.5	04/25/03	semiannual	61
Oct-03	3		0.6	5			2.5	2.5	10/03/03	semiannual	62
Apr-04	3		0.6	5			3	3	04/01/04	semiannual	63
Oct-04	2		0.6	5			2.5	2.5	10/19/04	semiannual	64
Apr-05	3		0.6	5			2.5	2.5	04/22/05	semiannual	65
Oct-05	3		0.6	5			3	3	10/07/05	semiannual	66
May-06	5		0.6	5			4	4	05/11/06	semiannual	67
Oct-06	5		0.6	5			5	5	10/18/06	semiannual	68
May-07	5		0.6	5			5	5	05/22/07	semiannual	69
Oct-07	5		0.6	5			5	5	10/25/07	semiannual	70
May-08	5		0.6	5			5	5	05/13/08	semiannual	71
Oct-08	5		0.6	5			5	5	10/23/08	semiannual	72
May-09	5		0.6	5			5	5	05/12/09	semiannual	73
Oct-09	5		0.6	5			5	5	10/29/09	semiannual	74
May-10	5		0.6	5			5	5	05/20/10	semiannual	75
Oct-10	5		0.6	5			5	5	10/18/10	semiannual	76
Jun-11	2		0.6	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5		0.6	5			3.5	3.5	10/12/11	semiannual	78
May-12	2		0.6	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	3.3		0.6	2			2.65	2.65	10/11/12	semiannual	80
May-13	2		0.6	2			2.65	2.65	05/17/13	semiannual	81
Oct-13	2		0.6	2			2	2	10/11/13	semiannual	82
May-14	10		0.6	2			6	6	05/05/14	semiannual	83
Oct-14	2		0.6	2			6	6	10/06/14	semiannual	84
Jul-15	2		0.6	2			2	2	07/09/15	annual	85


MOVING AVERAGE TREND TEST
VDM-11
1,2-DICHLOROETHANE
PPB
14
12
10
8
6
4
2
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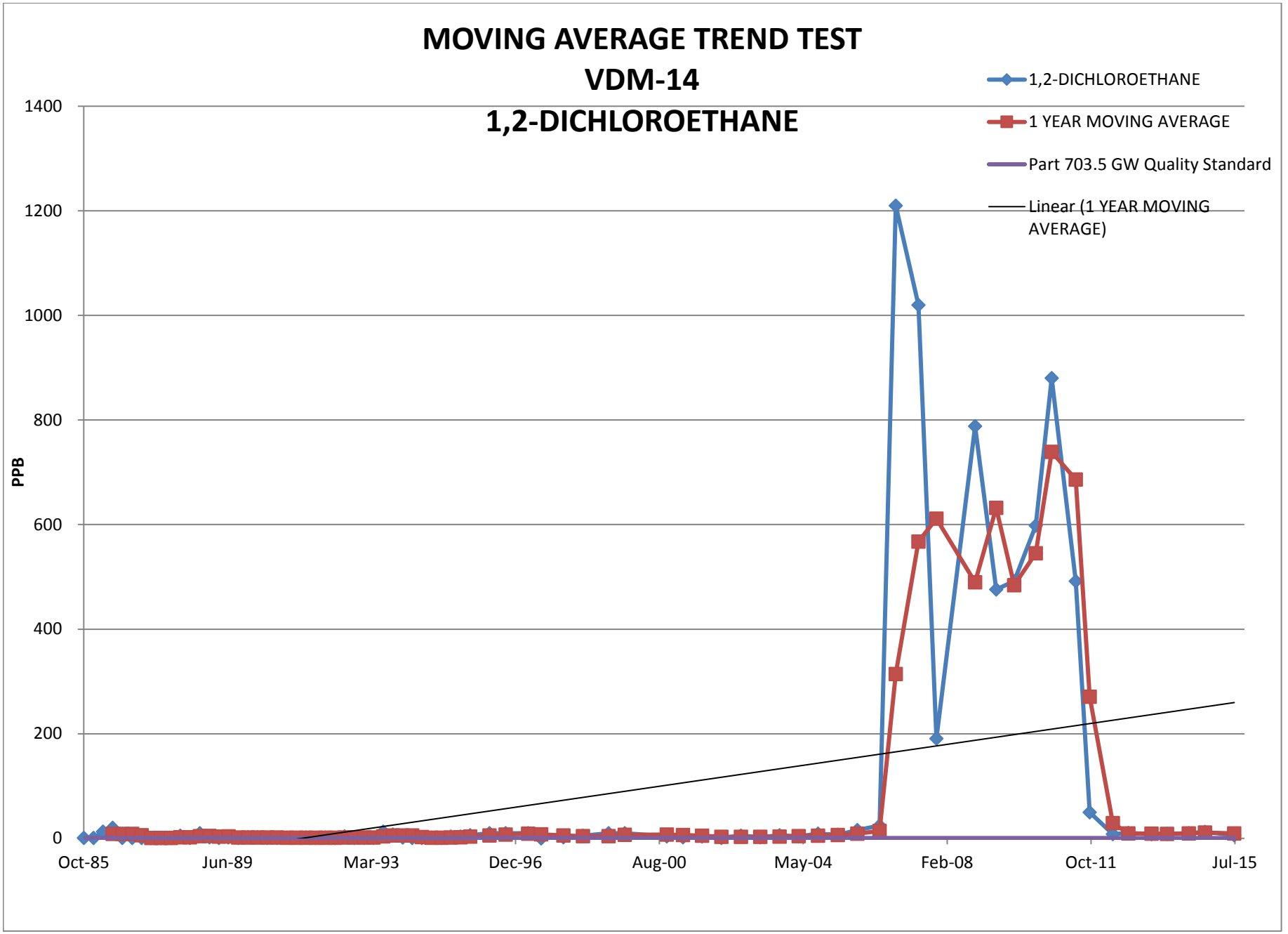
Jul-87
Jul-91
Jul-95
Jul-99
Jul-03
Jul-07
Jul-11
Jul-15
1,2-DICHLOROETHANE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 Year Moving Avg Trend)

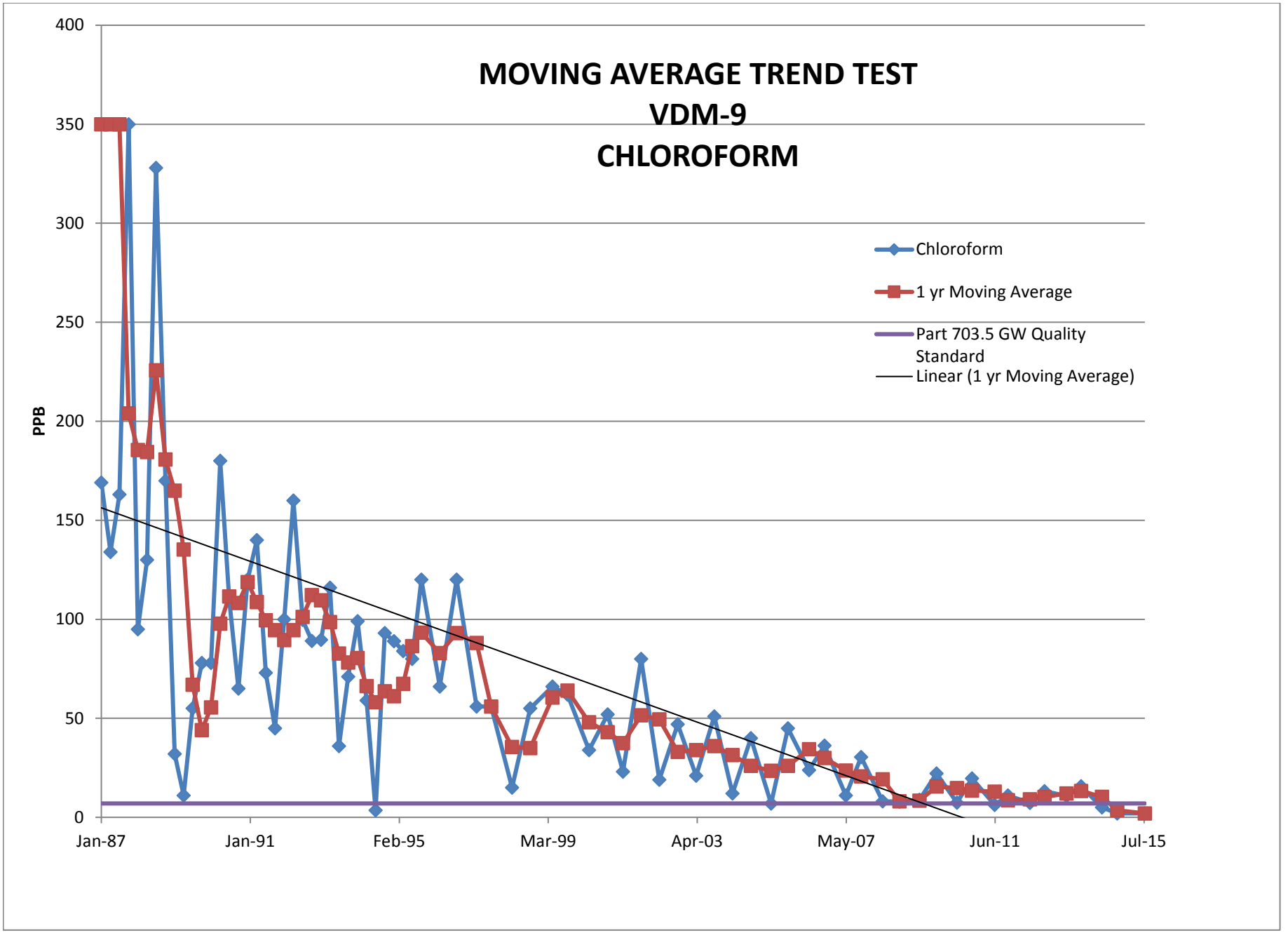
WELL VDM - 11 : 1,2-DICHLOROETHANE

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87			0.6	5	TOTAL STD	3.1633					1
Apr-87			0.6	5	TOTAL Sx	0.3754					2
Jul-87	5.5		0.6	5	TOTAL MEAN	4.1931					3
Oct-87	5		0.6	5	TOTAL N	72					4
Jan-88	5		0.6	5	TOTAL df	71					5
Apr-88	6.9		0.6	5			5.60				6
Jul-88	1		0.6	5			4.48				7
Oct-88	3.5		0.6	5			4.10				8
Jan-89	3.8		0.6	5			3.80				9
Apr-89	7.1		0.6	5			3.85				10
Jul-89	1		0.6	5			3.85				11
Oct-89	1		0.6	5			3.23				12
Jan-90	1		0.6	5			2.53				13
Apr-90	4		0.6	5			1.75				14
Jul-90	1		0.6	5			1.75				15
Oct-90	10		0.6	5			4.00				16
Jan-91	2		0.6	5			4.25				17
Apr-91	2		0.6	5			3.75				18
Jul-91	2		0.6	5			4.00				19
Oct-91	2		0.6	5			2.00				20
Jan-92	1		0.6	5			1.75				21
Apr-92	1		0.6	5			1.50				22
Jul-92	1.25		0.6	5			1.31				23
Oct-92	1.25		0.6	5			1.13				24
Jan-93	1.5		0.6	5			1.25				25
Apr-93	1		0.6	5			1.25				26
Jul-93	1.5		0.6	5			1.31				27
Oct-93	1		0.6	5			1.25				28
Jan-94	1		0.6	5			1.13				29
Apr-94	1		0.6	5			1.13				30
Jul-94	13		0.6	5			4.00				31
Oct-94	1		0.6	5			4.00				32
Jan-95	1		0.6	5			4.00				33
Apr-95	1		0.6	5			4.00				34
Jul-95	1		0.6	5			1.00				35
Oct-95	1		0.6	1			1.00				36
Apr-96	10		0.6	10			5.5				37
Sep-96	10		0.6	10			10	10	9/17/1996	semiannual	38
Apr-97	10		0.6	10			10	10	4/3/1997	semiannual	39
Aug-97	10		0.6	10			10	10	8/27/1997	semiannual	40
Mar-98	5		0.6	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	2.6		0.6	5			3.8	3.8	9/22/1998	semiannual	42
May-99	10		0.6	10			6.3	6.3	5/11/1999	semiannual	43
Oct-99	10		0.6	10			10	10	10/5/1999	semiannual	44
May-00	10		0.6	10			10	10	5/16/2000	semiannual	45
Nov-00	5		0.6	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5		0.6	5			5	5	4/4/2001	semiannual	47
Oct-01	1		0.6	5			3	3	10/18/2001	semiannual	48
Apr-02	5		0.6	5			3	3	4/18/2002	semiannual	49
Oct-02	5		0.6	5			5	5	10/3/2002	semiannual	50
Apr-03	5		0.6	5			5	5	4/25/2003	semiannual	51
Oct-03	11		0.6	5			8	8	10/3/2003	semiannual	52
Apr-04	5		0.6	5			8	8	4/1/2004	semiannual	53
Oct-04	5		0.6	5			5	5	10/19/2004	semiannual	54
Apr-05	5		0.6	5			5	5	4/22/2005	semiannual	55
Oct-05	5		0.6	5			5	5	10/7/2005	semiannual	56
May-06	5		0.6	5			5	5	5/11/2006	semiannual	57
Oct-06	5		0.6	5			5	5	10/18/2006	semiannual	58
May-07	5		0.6	5			5	5	5/22/2007	semiannual	59
May-08	5		0.6	5			5	5	5/13/2008	semiannual	60
Oct-08	5		0.6	5			5	5	10/23/2008	semiannual	61
May-09	5		0.6	5			5	5	5/12/2009	semiannual	62
Oct-09	5		0.6	5			5	5	10/29/2009	semiannual	63
May-10	5		0.6	5			5	5	5/20/2010	semiannual	64
Oct-10	5		0.6	5			5	5	10/18/2010	semiannual	65
Jun-11	2		0.6	2			3.5	3.5	6/2/2011	semiannual	66
Oct-11	5		0.6	5			3.5	3.5	10/12/2011	semiannual	67
May-12	2		0.6	2			3.5	3.5	5/18/2012	semiannual	68
Oct-12	2		0.6	2			2	2	10/11/2012	semiannual	69
May-13	2		0.6	2			2	2	5/17/2013	semiannual	70
Oct-13	2		0.6	2			2	2	10/11/2013	semiannual	71
May-14	10		0.6	10			6	6	5/5/2014	semiannual	72
Oct-14	2		0.6	2			6	6	10/6/2014	semiannual	73
Jul-15	2		0.6	2			2	2	7/9/2015	annual	74


MOVING AVERAGE TREND TEST
VDM-14
1,2-DICHLOROETHANE
1,2-DICHLOROETHANE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)
PPB
1400
1200
1000
800
600
400
200
0
Oct-85
Jun-89
Mar-93
Dec-96
Aug-00
May-04
Feb-08
Oct-11
Jul-15

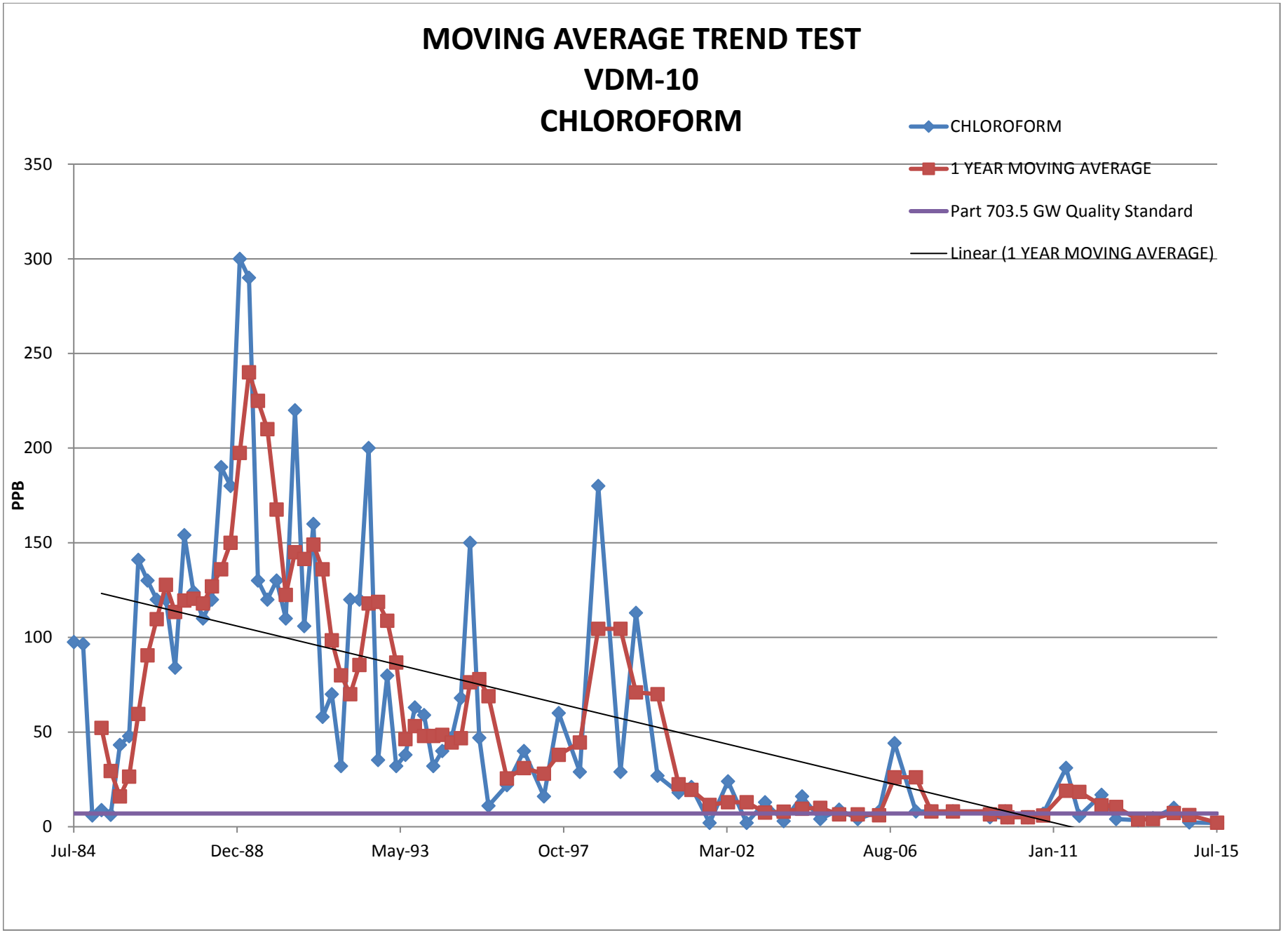
WELL VDM - 14 : 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	1		0.6	5	TOTAL STD	239.2476					1
Jan-86	1		0.6	5	TOTAL Sx	27.2648					2
Apr-86	13		0.6	5	TOTAL MEAN	83.64615					3
Jul-86	20		0.6	5	TOTAL N	78	8.75				4
Oct-86	1		0.6	5	TOTAL df	77	8.75				5
Jan-87	1		0.6	5			8.75				6
Apr-87	1		0.6	5			5.75				7
Jul-87	1		0.6	5			1.00				8
Oct-87	1		0.6	5			1.00				9
Jan-88	1		0.6	5			1.00				10
Apr-88	5		0.6	5			2.00				11
Jul-88	1		0.6	5			2.00				12
Oct-88	10		0.6	5			4.25				13
Jan-89	2		0.6	5			4.50				14
Apr-89	1		0.6	5			3.50				15
Jul-89	2		0.6	5			3.75				16
Oct-89	1		0.6	5			1.50				17
Jan-90	2		0.6	5			1.50				18
Apr-90	2		0.6	5			1.75				19
Jul-90	1		0.6	5			1.50				20
Oct-90	1		0.6	5			1.50				21
Jan-91	1.25		0.6	5			1.31				22
Apr-91	1.25		0.6	5			1.13				23
Jul-91	1.5		0.6	5			1.25				24
Oct-91	1		0.6	5			1.25				25
Jan-92	1.5		0.6	5			1.31				26
Apr-92	1		0.6	5			1.25				27
Jul-92	3.8		0.6	5			1.83				28
Oct-92	1		0.6	5			1.83				29
Jan-93	1		0.6	5			1.70				30
Apr-93	1		0.6	5			1.70				31
Jul-93	13		0.6	5			4.00				32
Oct-93	7.3		0.6	5			5.58				33
Jan-94	1.6		0.6	5			5.73				34
Apr-94	1		0.6	5			5.73				35
Jul-94	1		0.6	5			2.73				36
Oct-94	1.1		0.6	5			1.18				37
Jan-95	1		0.6	5			1.03				38
Apr-95	3.3		0.6	5			1.60				39
Jul-95	3.5		0.6	5			2.23				40
Oct-95	5.9		0.6	2			3.43				41
Apr-96	10		0.6	10			5.68				42
Sep-96	10		0.6	10			7.35	10.00	9/17/1996	semiannual	43
Apr-97	10		0.6	10			8.98	10.00	4/3/1997	semiannual	44
Aug-97	*ND**		0.6	100			7.50	#VALUE!	8/27/1997	semiannual	45
Mar-98	1.9		0.6	5			5.48	#VALUE!	3/24/1998	semiannual	46
Sep-98	5.1		0.6	5			4.25	3.50	9/22/1998	semiannual	47
May-99	10		0.6	10			4.25	7.55	5/11/1999	semiannual	48
Oct-99	10		0.6	10			6.75	10.00	10/5/1999	semiannual	49
Nov-00	4		0.6	5			7.28	7.00	11/28/2000	semiannual	50
Apr-01	2		0.6	5			6.50	3.00	4/4/2001	semiannual	51
Oct-01	4		0.6	5			5.00	3.00	10/18/2001	semiannual	52
Apr-02	1		0.6	5			2.75	2.50	4/18/2002	semiannual	53
Oct-02	5		0.6	25			3.00	3.00	10/3/2002	semiannual	54
Apr-03	2		0.6	10			3.00	3.50	4/25/2003	semiannual	55
Oct-03	6		0.6	5			3.50	4.00	10/3/2003	semiannual	56
Apr-04	4		0.6	10			4.25	5.00	4/1/2004	semiannual	57
Oct-04	9		0.6	10			5.25	6.50	10/19/2004	semiannual	58
Apr-05	7		0.6	10			6.50	8.00	4/22/2005	semiannual	59
Oct-05	16		0.6	10			9.00	11.50	10/7/2005	semiannual	60
May-06	24.6		0.6	10			14.15	20.30	5/11/2006	semiannual	61
Oct-06	1210		0.6	10			314.40	617.30	10/18/2006	semiannual	62
May-07	1020		0.6	10			567.65	1115.00	5/22/2007	semiannual	63
Oct-07	191		0.6	10			611.40	605.50	10/25/2007	semiannual	64
Oct-08	788		0.6	10			489.50	489.50	10/23/2008	semiannual	65
May-09	476		0.6	25			632.00	632.00	5/12/2009	semiannual	66
Oct-09	492		0.6	25			484.00	484.00	10/29/2009	semiannual	67
May-10	598		0.6	25			545.00	545.00	5/20/2010	semiannual	68
Oct-10	880		0.6	25			739.00	739.00	10/18/2010	semiannual	69
Jun-11	492		0.6	25			686.00	686.00	6/2/2011	semiannual	70
Oct-11	50		0.6	50			271.00	271.00	10/12/2011	semiannual	71
May-12	8.2		0.6	2			29.10	29.10	5/18/2012	semiannual	72
Oct-12	10.2		0.6	2			9.20	9.20	10/11/2012	semiannual	73
May-13	8.1		0.6	2			9.15	9.15	5/17/2013	semiannual	74
Oct-13	8.7		0.6	2			8.40	8.40	10/11/2013	semiannual	75
May-14	10		0.6	10			9.35	9.35	5/5/2014	semiannual	76
Oct-14	12.6		0.6	2			11.30	11.30	10/6/2014	semiannual	77
Jul-15	6		0.6	2			9.30	9.30	7/9/2015	annual	78


MOVING AVERAGE TREND TEST
VDM-9
CHLOROFORM
PPB
400
350
300
250
200
150
100
50
0
Jan-87
Jan-91
Feb-95
Mar-99
Apr-03
May-07
Jun-11
Jul-15
Chloroform
1 yr Moving Average
Part 703.5 GW Quality Standard
Linear (1 yr Moving Average)

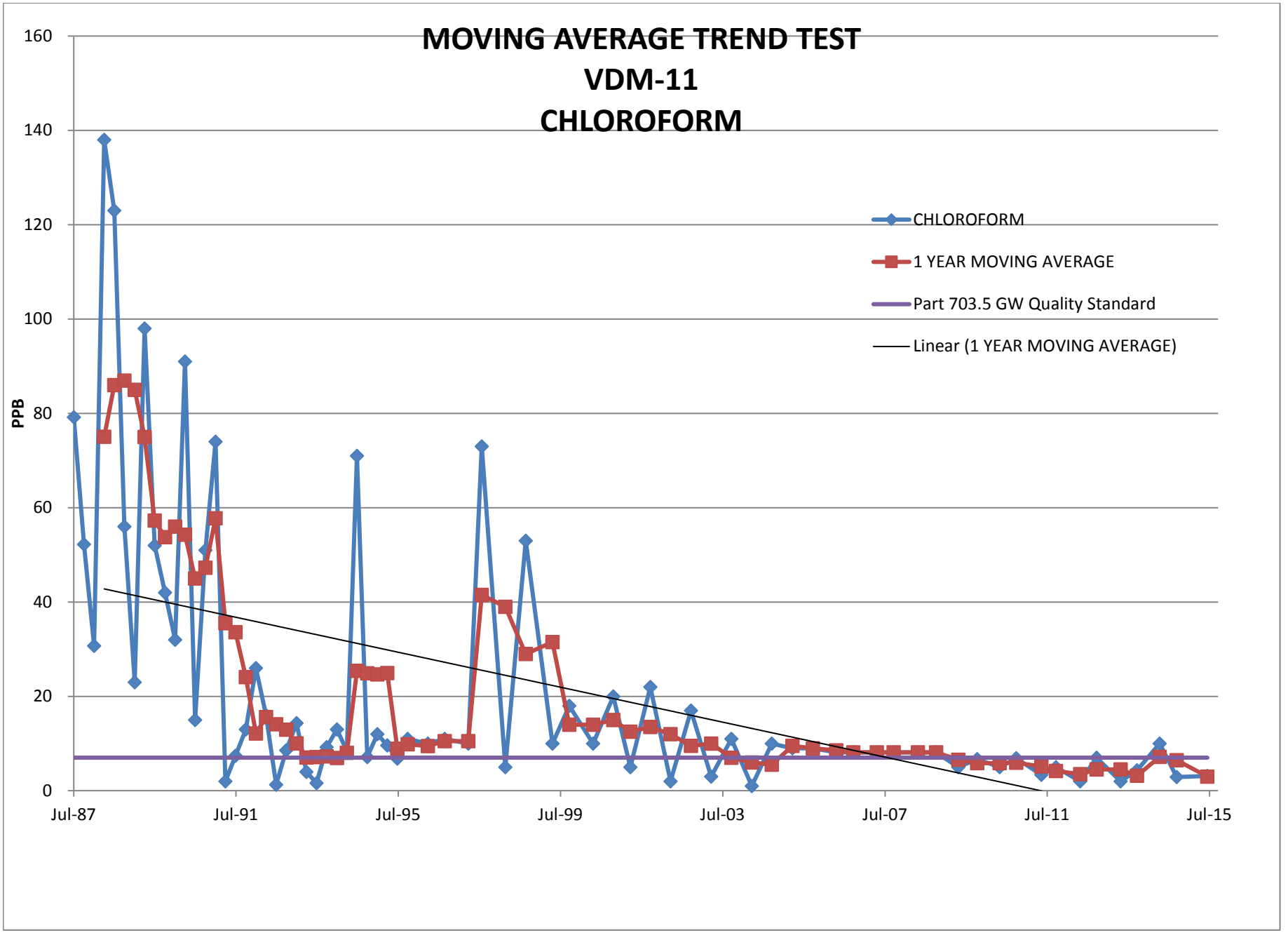
WELL VDM - 9 : CHLOROFORM

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATS		1 YEAR MOVING AVG					EVENT NO.
Jan-87	169		7	8	TOTAL STD	65.2601	350.00					1
Apr-87	134		7	8	TOTAL Sx	7.586333	350.00					2
Jul-87	163		7	8	TOTAL MEAN	67.87867	350.00					3
Oct-87	350		7	8	TOTAL N	75	204.00					4
Jan-88	95		7	8	TOTAL df	74	185.50					5
Apr-88	130		7	8			184.50					6
Jul-88	328		7	8			225.75					7
Oct-88	170		7	8			180.75					8
Jan-89	32		7	8			165.00					9
Apr-89	11		7	8			135.25					10
Jul-89	55		7	8			67.00					11
Oct-89	78		7	8			44.00					12
Jan-90	78		7	8			55.50					13
Apr-90	180		7	8			97.75					14
Jul-90	110		7	8			111.50					15
Oct-90	65		7	8			108.25					16
Jan-91	120		7	8			118.75					17
Apr-91	140		7	8			108.75					18
Jul-91	73		7	8			99.50					19
Oct-91	45		7	8			94.50					20
Jan-92	100		7	8			89.50					21
Apr-92	160		7	8			94.50					22
Jul-92	99.7		7	8			101.18					23
Oct-92	89.1		7	8			112.20					24
Jan-93	89.6		7	8			109.60					25
Apr-93	116		7	8			98.60					26
Jul-93	36		7	8			82.68					27
Oct-93	71		7	8			78.15					28
Jan-94	99		7	8			80.50					29
Apr-94	59		7	8			66.25					30
Jul-94	4		7	8			58.15					31
Oct-94	93		7	8			63.65					32
Jan-95	89		7	8			61.15					33
Apr-95	84		7	8			67.40					34
Jul-95	80		7	8			86.50					35
Oct-95	120		7	8			93.25					36
Apr-96	66		7	8			83	83	04/01/96			37
Sep-96	120		7	10			93	93	09/17/96	semiannual		38
Apr-97	56		7	10			88	88	04/03/97	semiannual		39
Aug-97	56		7	10			56	56	08/27/97	semiannual		40
Mar-98	15		7	5			35.5	35.5	03/24/98	Semiannual		41
Sep-98	55		7	5			35	35	09/22/98	Semiannual		42
May-99	66		7	10			60.5	60.5	05/11/99	Semiannual		43
Sep-99	62		7	10			64	64	09/29/99	Semiannual		44
May-00	34		7	10			48	48	05/16/00	Semiannual		45
Nov-00	52		7	5			43	43	11/28/00	Semiannual		46
Apr-01	23		7	5			37.5	37.5	04/04/01	Semiannual		47
Oct-01	80		7	5			51.5	51.5	10/18/01	Semiannual		48
Apr-02	19		7	5			49.5	49.5	04/18/02	semiannual		49
Oct-02	47		7	5			33	33	10/03/02	Semiannual		50
Apr-03	21		7	5			34	34	04/25/03	Semiannual		51
Oct-03	51		7	5			36	36	10/03/03	Semiannual		52
Apr-04	12		7	5			31.5	31.5	04/01/04	Semiannual		53
Oct-04	40		7	5			26	26	10/19/04	Semiannual		54
Apr-05	7		7	5			23.5	23.5	04/22/05	Semiannual		55
Oct-05	45		7	5			26	26	10/07/05	Semiannual		56
May-06	23.8		7	5			34.4	34.4	05/11/06	Semiannual		57
Oct-06	36.2		7	5			30	30	10/18/06	Semiannual		58
May-07	11		7	5			23.6	23.6	05/22/07	Semiannual		59
Oct-07	30.4		7	5			20.7	20.7	10/25/07	Semiannual		60
May-08	8.1		7	5			19.25	19.25	05/13/08	Semiannual		61
Oct-08	8		7	5			8.05	8.05	10/23/08	Semiannual		62
May-09	8.9		7	5			8.45	8.45	05/12/09	Semiannual		63
Oct-09	22.2		7	5			15.55	15.55	10/29/09	Semiannual		64
May-10	7.36		7	5			14.78	14.78	05/20/10	Semiannual		65
Oct-10	19.7		7	5			13.53	13.53	10/18/10	Semiannual		66
Jun-11	6.24		7	5			12.97	12.97	06/02/11	Semiannual		67
Oct-11	11		7	5			8.62	8.62	10/12/11	Semiannual		68
May-12	7.3		7	2			9.15	9.15	05/18/12	Semiannual		69
Oct-12	13.2		7	2			10.25	10.25	10/11/12	semiannual		70
May-13	10.8		7	2			12	12	05/17/13	semiannual		71
Oct-13	15.7		7	2			13.25	13.25	10/11/13	semiannual		72
May-14	5		7	2			10.35	10.35	05/06/14	semiannual		73
Oct-14	2		7	2			3.5	3.5	10/06/14	semiannual		74
Jul-15	2		7	2			2	2	07/09/15	annual		75


MOVING AVERAGE TREND TEST
VDM-10
CHLOROFORM
CHLOROFORM
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)
PPB
350
300
250
200
150
100
50
0
Jul-84
Dec-88
May-93
Oct-97
Mar-02
Aug-06
Jan-11
Jul-15

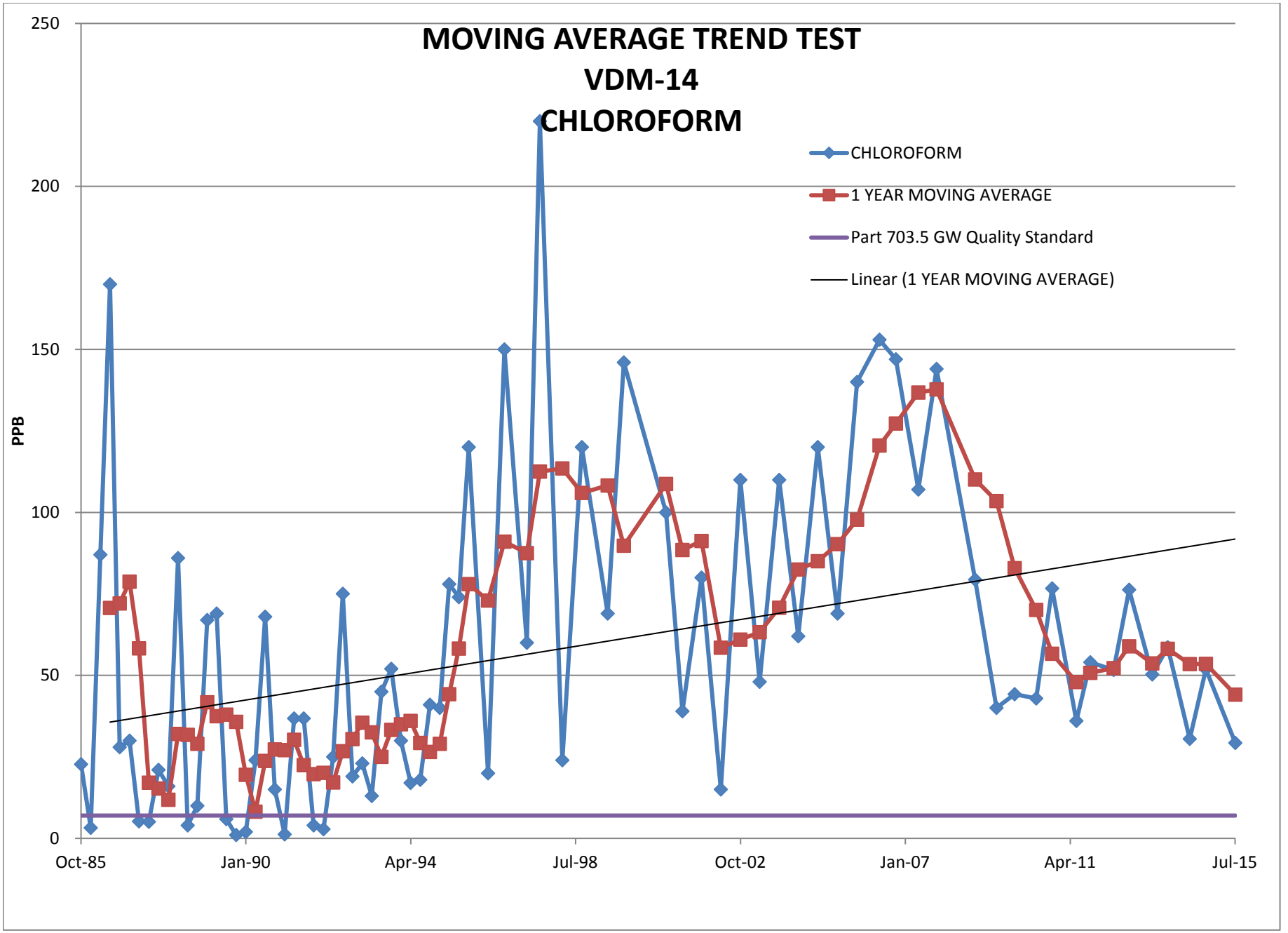
WELL VDM - 10 : CHLOROFORM

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				EVENT NO.
Jul-84	97.6		7	8	TOTAL STD	67.4921551					1
Oct-84	96.46		7	8	TOTAL Sx	7.36399785					2
Jan-85	5.97		7	8	TOTAL MEAN	64.3057647					3
Apr-85	8.8		7	8	TOTAL N	85	52.21				4
Jul-85	6.3		7	8	TOTAL df	84	29.38				5
Oct-85	43.2		7	8			16.07				6
Jan-86	47.8		7	8			26.53				7
Apr-86	141		7	8			59.58				8
Jul-86	130		7	8			90.50				9
Oct-86	120		7	8			109.70				10
Jan-87	120		7	8			127.75				11
Apr-87	84		7	8			113.50				12
Jul-87	154		7	8			119.50				13
Oct-87	124		7	8			120.50				14
Jan-88	110		7	8			118.00				15
Apr-88	120		7	8			127.00				16
Jul-88	190		7	8			136.00				17
Oct-88	180		7	8			150.00				18
Jan-89	300		7	8			197.50				19
Apr-89	290		7	8			240.00				20
Jul-89	130		7	8			225.00				21
Oct-89	120		7	8			210.00				22
Jan-90	130		7	8			167.50				23
Apr-90	110		7	8			122.50				24
Jul-90	220		7	8			145.00				25
Oct-90	106		7	8			141.50				26
Jan-91	160		7	8			149.00				27
Apr-91	58		7	8			136.00				28
Jul-91	70		7	8			98.50				29
Oct-91	32		7	8			80.00				30
Jan-92	120		7	8			70.00				31
Apr-92	120		7	8			85.50				32
Jul-92	200		7	8			118.00				33
Oct-92	35.3		7	8			118.83				34
Jan-93	79.9		7	8			108.80				35
Apr-93	32		7	8			86.80				36
Jul-93	38		7	8			46.30				37
Oct-93	63		7	8			53.23				38
Jan-94	59		7	8			48.00				39
Apr-94	32		7	8			48.00				40
Jul-94	40		7	8			48.50				41
Oct-94	47		7	8			44.50				42
Jan-95	68		7	8			46.75				43
Apr-95	150		7	8			76.25				44
Jul-95	47		7	8			78.00				45
Oct-95	11		7	4			69.00				46
Apr-96	22		7	4			25.5				47
Sep-96	40		7	10			31	31	09/17/96	semiannual	48
Apr-97	16		7	10			28	28	04/03/97	semiannual	49
Aug-97	60		7	10			38	38	08/27/97	semiannual	50
Mar-98	29		7	10			44.5	44.5	03/24/98	semiannual	51
Sep-98	180		7	5			104.5	104.5	09/22/98	semiannual	52
May-99	29		7	10			104.5	104.5	05/11/99	semiannual	53
Oct-99	113		7	10			71	71	10/05/99	semiannual	54
May-00	27		7	10			70	70	05/16/00	semiannual	55
Nov-00	18		7	5			22.5	22.5	11/28/00	semiannual	56
Apr-01	21		7	5			19.5	19.5	04/04/01	semiannual	57
Oct-01	2		7	5			11.5	11.5	10/18/01	semiannual	58
Apr-02	24		7	5			13	13	04/18/01	semiannual	59
Oct-02	2		7	5			13	13	10/03/02	semiannual	60
Apr-03	13		7	5			7.5	7.5	04/25/03	semiannual	61
Oct-03	3		7	5			8	8	10/03/03	semiannual	62
Apr-04	16		7	5			9.5	9.5	04/01/04	semiannual	63
Oct-04	4		7	5			10	10	10/19/04	semiannual	64
Apr-05	9		7	5			6.5	6.5	04/22/05	semiannual	65
Oct-05	4		7	5			6.5	6.5	10/07/05	semiannual	66
May-06	8.1		7	5			6.05	6.05	05/11/06	semiannual	67
Oct-06	44.2		7	5			26.15	26.15	10/18/06	semiannual	68
May-07	8.1		7	5			26.15	26.15	05/22/04	semiannual	69
Oct-07	8.1		7	5			8.1	8.1	10/25/07	semiannual	70
May-08	8.1		7	5			8.1	8.1	05/13/08	semiannual	71
Oct-09	8.1		7	2			8.1	8.1	10/23/08	semiannual	72
May-09	5		7	5			6.55	6.55	05/09/09	semiannual	73
Oct-09	5		7	5			5	5	10/29/09	semiannual	74
May-10	5		7	5			5	5	05/20/10	semiannual	75
Oct-10	6.86		7	5			5.93	5.93	10/18/10	semiannual	76
Jun-11	31.1		7	5			18.98	18.98	06/02/11	semiannual	77
Oct-11	5.7		7	5			18.4	18.4	10/12/11	semiannual	78
May-12	16.9		7	2			11.3	11.3	05/18/12	semiannual	79
Oct-12	4.1		7	2			10.5	10.5	10/11/12	semiannual	80
May-13	3.5		7	2			3.8	3.8	05/17/13	semiannual	81
Oct-13	4.5		7	2			4	4	10/11/13	semiannual	82
May-14	10		7	10			7.25	7.25	05/05/14	semiannual	83
Oct-14	2.3		7	2			6.15	6.15	10/06/14	semiannual	84
Jul-15	2		7	2			2.15	2.15	07/09/15	annual	85


MOVING AVERAGE TREND TEST
VDM-11
CHLOROFORM
PPB
160
140
120
100
80
60
40
20
0
Jul-87
Jul-91
Jul-95
Jul-99
Jul-03
Jul-07
Jul-11
Jul-15
CHLOROFORM
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

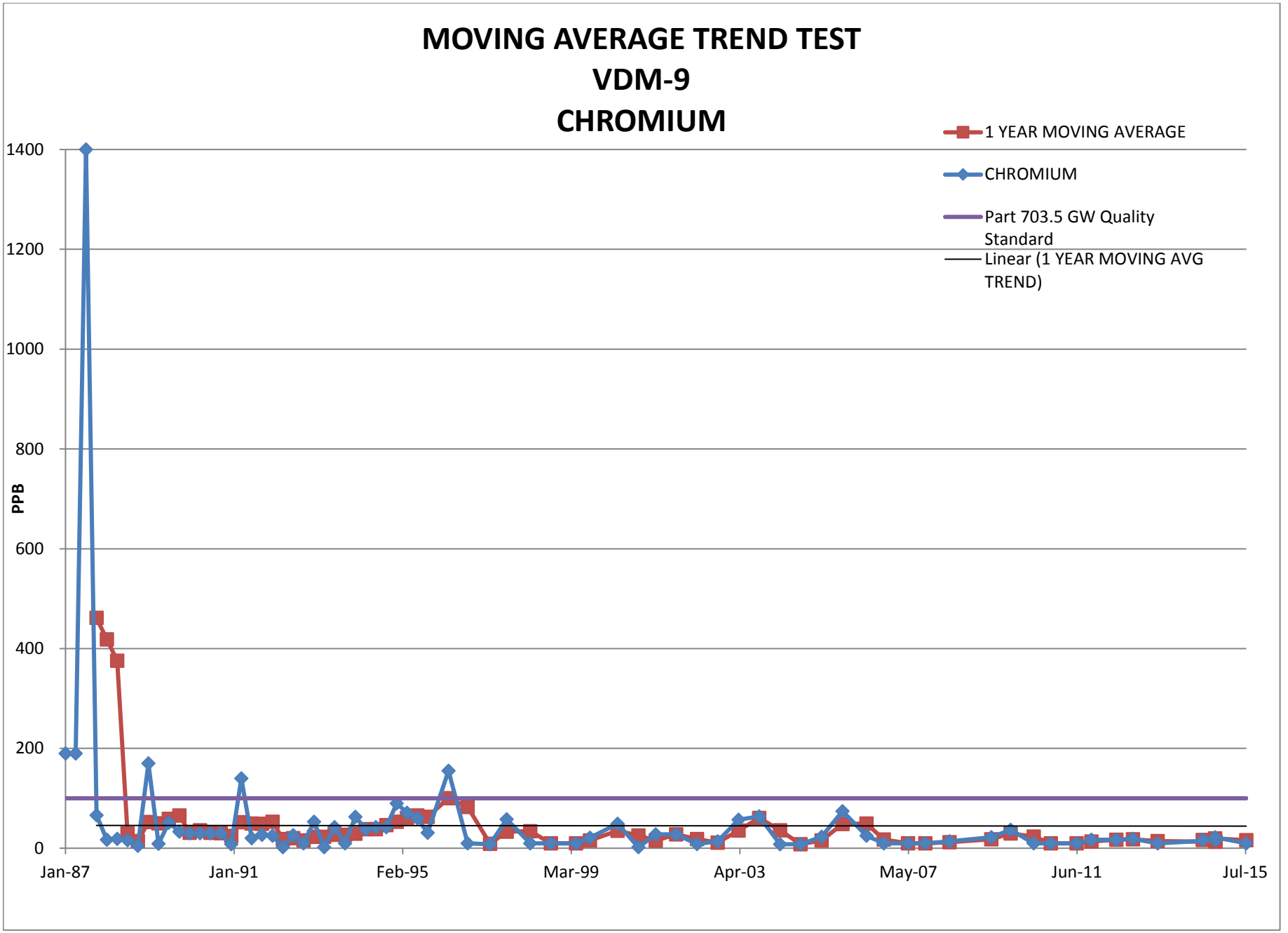
WELL VDM - 11 : CHLOROFORM

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-		7	8	TOTAL STD	29.1775					1
Jan-87			7	8	TOTAL Sx	3.4386					2
Apr-87			7	8	TOTAL MEAN	22.1932					3
Jul-87	79.2		7	8	TOTAL N	73					4
Oct-87	52.2		7	8	TOTAL df	72					5
Jan-88	30.7		7	8			75.03				6
Apr-88	138		7	8			85.98				7
Jul-88	123		7	8			86.93				8
Oct-88	56		7	8			85.00				9
Jan-89	23		7	8			75.00				10
Apr-89	98		7	8			57.25				11
Jul-89	52		7	8			53.75				12
Oct-89	42		7	8			56.00				13
Jan-90	32		7	8			54.25				14
Apr-90	91		7	8			45.00				15
Jul-90	15		7	8			47.25				16
Oct-90	51		7	8			57.75				17
Jan-91	74		7	8			35.50				18
Apr-91	2		7	8			33.60				19
Jul-91	7.4		7	8			24.10				20
Oct-91	13		7	8			12.10				21
Jan-92	26		7	8			15.60				22
Apr-92	16		7	8			14.06				23
Jul-92	1.25		7	8			12.95				24
Oct-92	8.55		7	8			10.03				25
Jan-93	14.3		7	8			7.03				26
Apr-93	4		7	8			7.11				27
Jul-93	1.58		7	8			7.27				28
Oct-93	9.2		7	8			6.95				29
Jan-94	13		7	8			8.05				30
Apr-94	8.4		7	8			25.40				31
Jul-94	71		7	8			24.88				32
Oct-94	7.1		7	8			24.63				33
Jan-95	12		7	8			24.93				34
Apr-95	9.6		7	8			8.88				35
Jul-95	6.8		7	8			9.85				36
Oct-95	11		7	4			9.45				37
Apr-96	10		7	10			10.5	10.5	9/17/1996	semiannual	38
Sep-96	11		7	10			10.5	10.5	4/3/1997	semiannual	39
Apr-97	10		7	10			41.5	41.5	8/27/1997	semiannual	40
Aug-97	73		7	10			39	39	3/24/1998	semiannual	41
Mar-98	5		7	5			29	29	9/22/1998	semiannual	42
Sep-98	53		7	5			31.5	31.5	5/11/1999	semiannual	43
May-99	10		7	10			14	14	10/5/1999	semiannual	44
Oct-99	18		7	10			14	14	5/16/2000	semiannual	45
May-00	10		7	10			15	15	11/28/2000	semiannual	46
Nov-00	20		7	5			12.5	12.5	4/4/2001	semiannual	47
Apr-01	5		7	5			13.5	13.5	10/18/2001	semiannual	48
Oct-01	22		7	5			12	12	4/18/2002	semiannual	49
Apr-02	2		7	5			9.5	9.5	10/3/2002	semiannual	50
Oct-02	17		7	5			10	10	4/25/2003	semiannual	51
Apr-03	3		7	5			7	7	10/3/2003	semiannual	52
Oct-03	11		7	5			6	6	4/1/2004	semiannual	53
Apr-04	1		7	5			5.5	5.5	10/19/2004	semiannual	54
Oct-04	10		7	5			9.5	9.5	4/22/2005	semiannual	55
Apr-05	9		7	5			9	9	10/7/2005	semiannual	56
Oct-05	9		7	5			8.55	8.55	5/11/2006	semiannual	57
May-06	8.1		7	5			8.1	8.1	10/18/2006	semiannual	58
Oct-06	8.1		7	5			8.1	8.1	5/22/2007	semiannual	59
May-07	8.1		7	5			8.1	8.1	10/25/2007	semiannual	60
Oct-07	8.1		7	5			8.1	8.1	5/13/2008	semiannual	61
May-08	8.1		7	5			8.1	8.1	10/23/2008	semiannual	62
Oct-08	8.1		7	5			6.55	6.55	5/12/2009	semiannual	63
May-09	5		7	5			5.845	5.845	10/29/2009	semiannual	64
Oct-09	6.69		7	5			5.845	5.845	5/20/2010	semiannual	65
May-10	5		7	5			5.935	5.935	10/18/2010	semiannual	66
Oct-10	6.87		7	5			5.115	5.115	6/2/2011	semiannual	67
Jun-11	3.36		7	5			4.18	4.18	10/12/2011	semiannual	68
Oct-11	5		7	5			3.5	3.5	5/18/2012	semiannual	69
May-12	2		7	2			4.5	4.5	10/11/2012	semiannual	70
Oct-12	7		7	2			4.5	4.5	5/17/2013	semiannual	71
May-13	2		7	2			3.15	3.15	10/11/2013	semiannual	72
Oct-13	4.3		7	2			7.15	7.15	5/5/2014	semiannual	73
May-14	10		7	10			6.45	6.45	10/6/2014	semiannual	74
Oct-14	2.9		7	2			3	3	7/9/2015	annual	75
Jul-15	3.1		7	2							


MOVING AVERAGE TREND TEST
VDM-14
CHLOROFORM
CHLOROFORM
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)
PPB
250
200
150
100
50
0
Oct-85
Jan-90
Apr-94
Jul-98
Oct-02
Jan-07
Apr-11
Jul-15

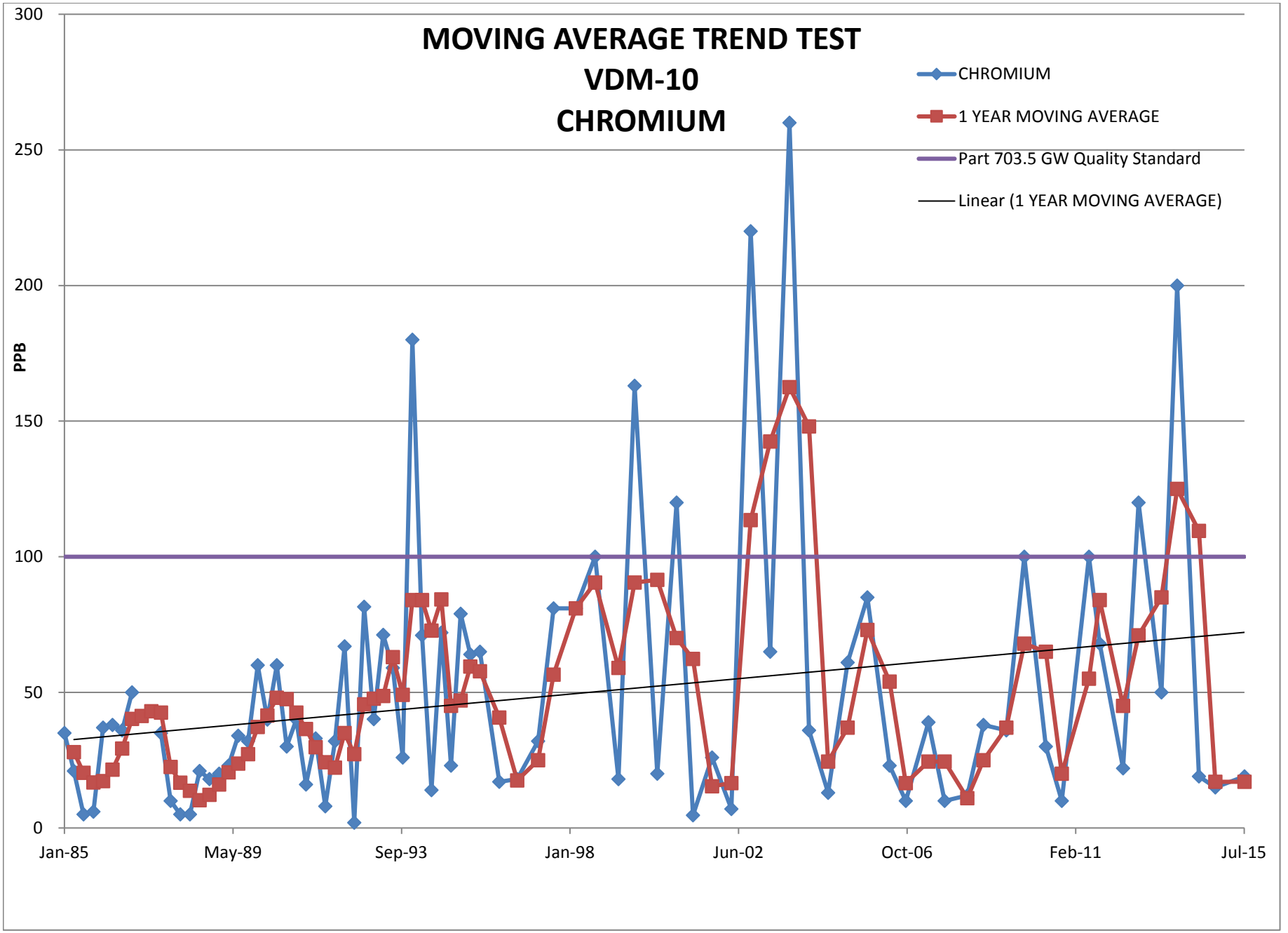
WELL VDM - 14 : CHLOROFORM

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-		-	-	-	-	-				-
Oct-85	22.7		7	8	TOTAL STD	47.03469					1
Jan-86	3.2		7	8	TOTAL Sx	5.3601					2
Apr-86	87		7	8	TOTAL MEAN	57.26346					3
Jul-86	170		7	8	TOTAL N	78	70.73				4
Oct-86	28		7	8	TOTAL df	77	72.05				5
Jan-87	30		7	8			78.75				6
Apr-87	5.2		7	8			58.30				7
Jul-87	5.1		7	8			17.08				8
Oct-87	21		7	8			15.33				9
Jan-88	16		7	8			11.83				10
Apr-88	86		7	8			32.03				11
Jul-88	4		7	8			31.75				12
Oct-88	10		7	8			29.00				13
Jan-89	67		7	8			41.75				14
Apr-89	69		7	8			37.50				15
Jul-89	5.9		7	8			37.98				16
Oct-89	1		7	8			35.73				17
Jan-90	2		7	8			19.48				18
Apr-90	24		7	8			8.23				19
Jul-90	68		7	8			23.75				20
Oct-90	15		7	8			27.25				21
Jan-91	1.25		7	8			27.06				22
Apr-91	36.8		7	8			30.26				23
Jul-91	36.8		7	8			22.46				24
Oct-91	4		7	8			19.71				25
Jan-92	2.8		7	8			20.10				26
Apr-92	25		7	8			17.15				27
Jul-92	75		7	8			26.70				28
Oct-92	19		7	8			30.45				29
Jan-93	23		7	8			35.50				30
Apr-93	13		7	8			32.50				31
Jul-93	45		7	8			25.00				32
Oct-93	52		7	8			33.25				33
Jan-94	30		7	8			35.00				34
Apr-94	17		7	8			36.00				35
Jul-94	18		7	8			29.25				36
Oct-94	41		7	8			26.50				37
Jan-95	40		7	8			29.00				38
Apr-95	78		7	8			44.25				39
Jul-95	74		7	8			58.25				40
Oct-95	120		7	8			78.00				41
Apr-96	20		7	8			73.00				42
Sep-96	150		7	10			91.00	85	9/17/1996	semiannual	43
Apr-97	60		7	10			87.50	105	4/3/1997	semiannual	44
Aug-97	220		7	100			112.50	140	8/27/1997	semiannual	45
Mar-98	24		7	5			113.50	122	3/24/1998	semiannual	46
Sep-98	120		7	5			106.00	72	9/22/1998	semiannual	47
May-99	69		7	10			108.25	94.5	5/11/1999	semiannual	48
Oct-99	146		7	10			89.75	107.5	10/5/1999	semiannual	49
Nov-00	100		7	5			108.75	123	11/28/2000	semiannual	50
Apr-01	39		7	5			88.50	69.5	4/4/2001	semiannual	51
Oct-01	80		7	5			91.25	59.5	10/18/2001	semiannual	52
Apr-02	15		7	5			58.50	47.5	4/18/2002	semiannual	53
Oct-02	110		7	25			61.00	62.5	10/3/2002	semiannual	54
Apr-03	48		7	10			63.25	79	4/25/1993	semiannual	55
Oct-03	110		7	5			70.75	79	10/3/2003	semiannual	56
Apr-04	62		7	5			82.50	86	4/1/2004	semiannual	57
Oct-04	120		7	5			85.00	91	10/19/2004	semiannual	58
Apr-05	69		7	5			90.25	94.5	4/22/2005	semiannual	59
Oct-05	140		7	5			97.75	104.5	10/7/2005	semiannual	60
May-06	153		7	5			120.50	146.5	5/11/2006	semiannual	61
Oct-06	147		7	5			127.25	150	10/18/2006	semiannual	62
May-07	107		7	5			136.75	127	5/22/2007	semiannual	63
Oct-07	144		7	5			137.75	125.5	10/25/2007	semiannual	64
Oct-08	79.4		7	5			110.13	111.7	10/23/2008	semiannual	65
May-09	40		7	5			103.48	59.7	5/12/2009	semiannual	66
Oct-09	44.2		7	5			82.92	42.1	10/29/2009	semiannual	67
May-10	42.9		7	5			70.10	43.55	5/20/2010	semiannual	68
Oct-10	76.7		7	5			56.64	59.8	10/18/2010	semiannual	69
Jun-11	36		7	5			47.96	56.35	6/2/2011	semiannual	70
Oct-11	54		7	50			50.76	45	10/12/2011	semiannual	71
May-12	51.7		7	2			52.26	52.85	5/18/2012	semiannual	72
Oct-12	76.3		7	2			58.94	64	10/11/2012	semiannual	73
May-13	50.3		7	2			53.66	63.3	5/17/2013	semiannual	74
Oct-13	58.6		7	2			58.18	54.45	10/11/2013	semiannual	75
May-14	30.5		7	2			53.48	44.55	5/5/2014	semiannual	76
Oct-14	51.9		7	2			53.52	41.2	10/6/2014	semiannual	76
Jul-15	29.3		7	2			44.12	40.6	7/9/2015	annual	77


MOVING AVERAGE TREND TEST
VDM-9
CHROMIUM
1 YEAR MOVING AVERAGE
CHROMIUM
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVG TREND)
PPB
1400
1200
1000
800
600
400
200
0
Jan-87
Jan-91
Feb-95
Mar-99
Apr-03
May-07
Jun-11
Jul-15

WELL VDM - 9 : CHROMIUM

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	190		100	50	TOTAL STD	162.7634					1
Apr-87	190		100	50	TOTAL Sx	19.05001					2
Jul-87	1400		100	50	TOTAL MEAN	54.31757					3
Oct-87	66		100	50	TOTAL N	74	461.5				4
Jan-88	17		100	50	TOTAL df	73	418.25				5
Apr-88	19		100	50			375.5				6
Jul-88	16		100	50			29.5				7
Oct-88	5		100	50			14.25				8
Jan-89	170		100	50			52.5				9
Apr-89	9		100	50			50				10
Jul-89	51		100	50			58.75				11
Oct-89	33		100	50			65.75				12
Jan-90	30		100	50			30.75				13
Apr-90	30		100	50			36				14
Jul-90	30		100	50			30.75				15
Oct-90	30		100	50			30				16
Jan-91	8		100	50			24.5				17
Apr-91	140		100	50			52				18
Jul-91	20		100	50			49.5				19
Oct-91	27		100	50			48.75				20
Jan-92	25		100	50			53				21
Apr-92	2		100	50			18.5				22
Jul-92	26		100	50			20				23
Oct-92	10		100	50			15.75				24
Jan-93	53		100	50			22.75				25
Apr-93	2		100	50			22.75				26
Jul-93	42		100	50			26.75				27
Oct-93	10		100	50			26.75				28
Jan-94	63		100	50			29.25				29
Apr-94	38		100	50			38.25				30
Jul-94	42		100	50			38.25				31
Oct-94	42		100	50			46.25				32
Jan-95	90		100	50			53				33
Apr-95	71		100	50			61.25				34
Jul-95	60		100	50			65.75				35
Oct-95	31		100	2			63				36
Apr-96	155		100	2			100.25		04/01/96		37
Sep-96	10		100	5			82.5		09/17/96	semiannual	38
Apr-97	8		100	5			9	9	04/03/97	semiannual	39
Aug-97	58		100	5			33	33	08/27/97	semiannual	40
Mar-98	10		100	10			34	34	03/24/98	semiannual	41
Sep-98	10		100	10			10	10	09/22/98	semiannual	42
May-99	10		100	10			10	10	05/11/99	semiannual	43
Sep-99	21		100	14			15.5	15.5	09/29/99	semiannual	44
May-00	49		100	20			35	35	05/16/00	semiannual	45
Nov-00	2		100	2			25.5	25.5	11/28/00	semiannual	46
Apr-01	28		100	2			15	15	04/04/01	semiannual	47
Oct-01	28		100	2			28	28	10/18/01	semiannual	48
Apr-02	8.5		100	2			18.25	18.25	04/18/02	semiannual	49
Oct-02	14		100	2			11.25	11.25	10/03/02	semiannual	50
Apr-03	57		100	2			35.5	35.5	04/25/03	semiannual	51
Oct-03	64		100	4			60.5	60.5	10/03/03	semiannual	52
Apr-04	8		100	4			36	36	04/01/04	semiannual	53
Oct-04	8		100	4			8	8	10/19/04	semiannual	54
Apr-05	23		100	4			15.5	15.5	04/22/05	semiannual	55
Oct-05	74		100	4			48.5	48.5	10/07/05	semiannual	56
May-06	25		100	4			49.5	49.5	05/11/06	semiannual	57
Oct-06	10		100	4			17.5	17.5	10/18/06	semiannual	58
May-07	10		100	4			10	10	05/22/07	semiannual	59
Oct-07	10		100	4			10	10	10/25/07	semiannual	60
May-08	14		100	4			12	12	05/13/08	semiannual	61
May-09	22		100	4			18	18	05/12/09	semiannual	63
Oct-09	37		100	4			29.5	29.5	10/29/09	semiannual	64
May-10	10		100	4			23.5	23.5	05/20/10	semiannual	65
Oct-10	10		100	4			10	10	10/18/10	semiannual	66
Jun-11	10		100	10			10	10	06/02/11	semiannual	67
Oct-11	17		100	10			13.5	13.5	10/12/11	semiannual	68
May-12	17		100	10			17	17	05/18/12	semiannual	69
Oct-12	19		100	400			18	18	10/11/12	semiannual	70
May-13	10		100	400			14.5	14.5	05/17/13	semiannual	71
Oct-14	16		100	20			13	13	10/11/14	semiannual	72
Jun-14	17		100	30			16.5	16.5	06/20/14	semiannual	73
Oct-14	22		100	10			19.5	19.5	10/06/14	semiannual	74
Jul-15	10		100	10			16	16	07/09/15	annual	75

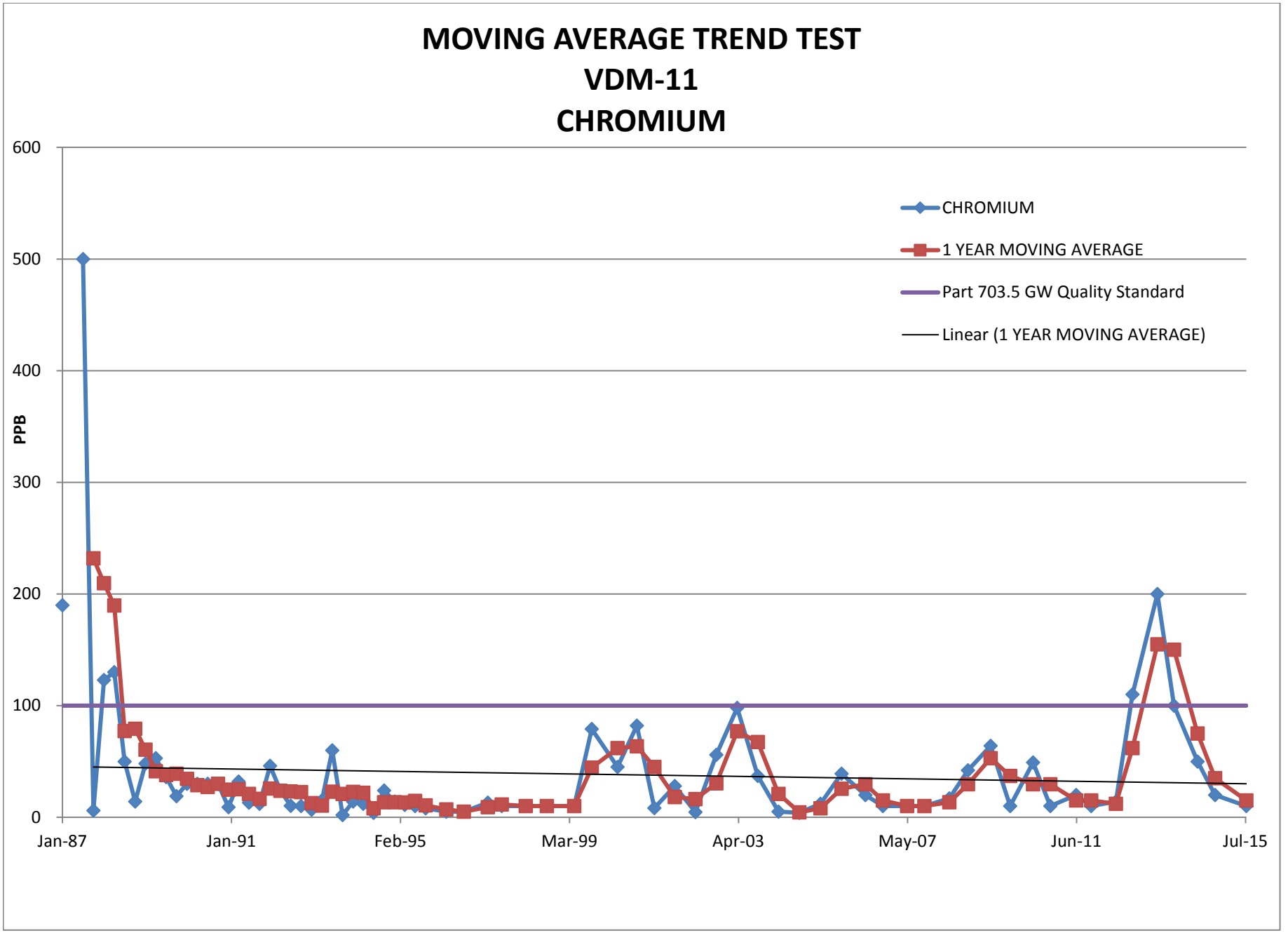

MOVING AVERAGE TREND TEST
VDM-10
CHROMIUM
CHROMIUM
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)
PPB
300
250
200
150
100
50
0
Jan-85
May-89
Sep-93
Jan-98
Jun-02
Oct-06
Feb-11
Jul-15

WELL VDM - 10 : CHROMIUM

WELL VDM - 10 : CHROMIUM

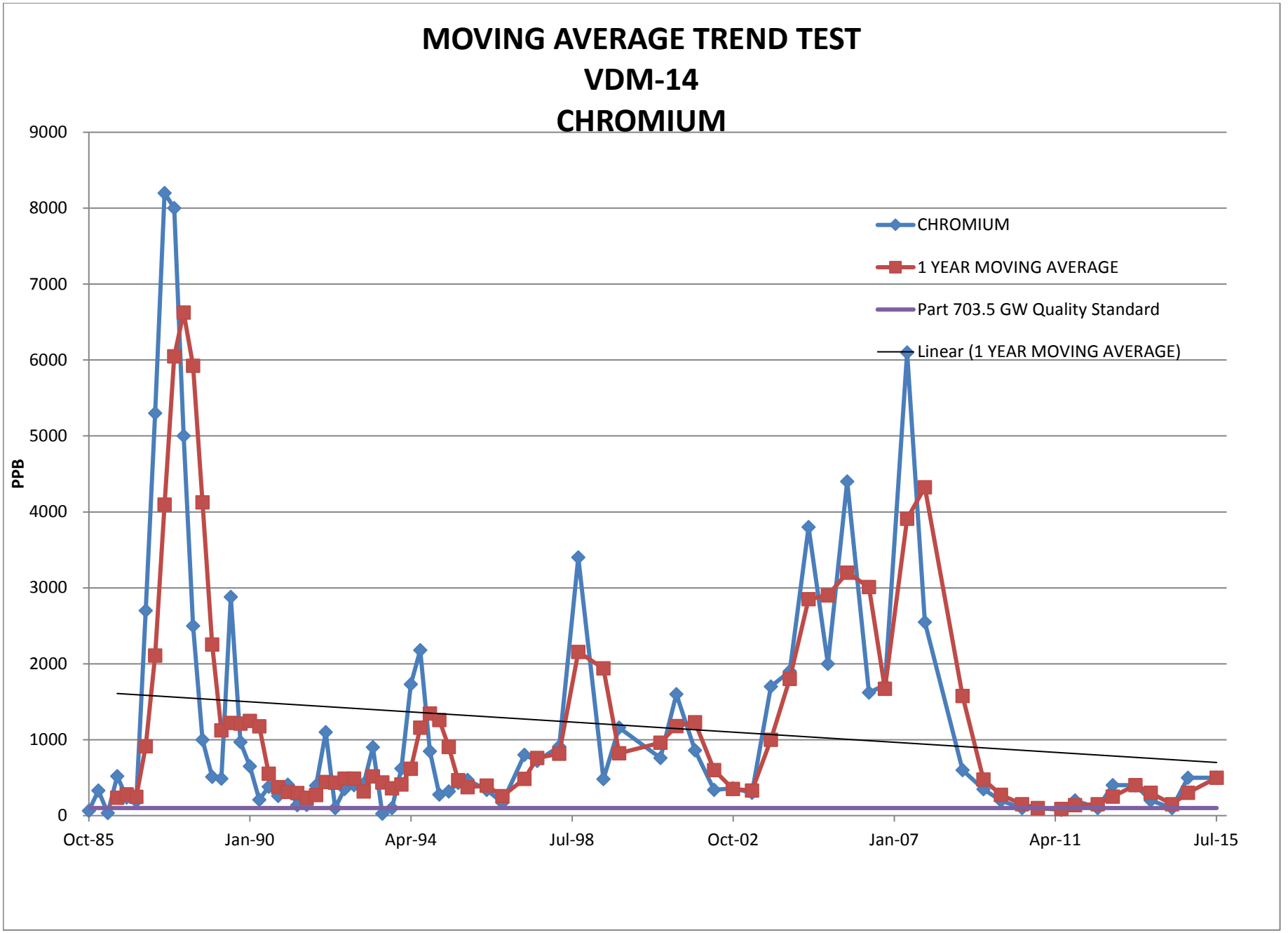
SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84			100	50	TOTAL STD	49.34851399					1
Oct-84			100	50	TOTAL Sx	5.517331593					2
Jan-85	35		100	50	TOTAL MEAN	49.54938272					3
Apr-85	21		100	50	TOTAL N	81	28.00				4
Jul-85	5		100	50	TOTAL df	80	20.33				5
Oct-85	6		100	50			16.75				6
Jan-86	37		100	50			17.25				7
Apr-86	38		100	50			21.50				8
Jul-86	36		100	50			29.25				9
Oct-86	50		100	50			40.25				10
Jan-87			100	50			41.33				11
Apr-87			100	50			43.00				12
Jul-87	35		100	50			42.50				13
Oct-87	10		100	50			22.50				14
Jan-88	5		100	50			16.67				15
Apr-88	5		100	50			13.75				16
Jul-88	21		100	50			10.25				17
Oct-88	18		100	50			12.25				18
Jan-89	20		100	50			16.00				19
Apr-89	23		100	50			20.50				20
Jul-89	34		100	50			23.75				21
Oct-89	32		100	50			27.25				22
Jan-90	60		100	50			37.25				23
Apr-90	40		100	50			41.50				24
Jul-90	60		100	50			48.00				25
Oct-90	30		100	50			47.50				26
Jan-91	40		100	50			42.50				27
Apr-91	16		100	50			36.50				28
Jul-91	33		100	50			29.75				29
Oct-91	8		100	50			24.25				30
Jan-92	32		100	50			22.25				31
Apr-92	67		100	50			35.00				32
Jul-92	2		100	50			27.25				33
Oct-92	81.5		100	50			45.63				34
Jan-93	40.1		100	50			47.65				35
Apr-93	71.2		100	50			48.70				36
Jul-93	59		100	50			62.95				37
Oct-93	26		100	50			49.08				38
Jan-94	180		100	50			84.05				39
Apr-94	71		100	50			84.00				40
Jul-94	14		100	50			72.75				41
Oct-94	72		100	50			84.25				42
Jan-95	23		100	50			45.00				43
Apr-95	79		100	50			47.00				44
Jul-95	64		100	50			59.50				45
Oct-95	65		100	2			57.75				46
Apr-96	17		100	2			40.75	40.75			47
Sep-96	18		100	5			17.5	17.5	09/17/96	semiannual	48
Apr-97	32		100	20			25	25	04/03/97	semiannual	49
Aug-97	81		100	5			56.5	56.5	08/27/97	semiannual	50
Mar-98	81		100	10			81	81	03/24/98	semiannual	51
Sep-98	100		100	10			90.5	90.5	09/22/98	semiannual	52
May-99	18		100	10			59	59	05/11/99	semiannual	53
Oct-99	163		100	14			90.5	90.5	10/05/99	semiannual	54
May-00	20		100	20			91.5	91.5	05/16/00	semiannual	55
Nov-00	120		100	2			70	70	11/28/00	semiannual	56
Apr-01	4.7		100	2			62.35	62.35	04/04/01	semiannual	57
Oct-01	26		100	2			15.35	15.35	10/18/01	semiannual	58
Apr-02	7		100	2			16.5	16.5	04/18/02	semiannual	59
Oct-02	220		100	2			113.5	113.5	10/03/02	semiannual	60
Apr-03	65		100	2			142.5	142.5	04/25/03	semiannual	61
Oct-03	260		100	4			162.5	162.5	10/03/03	semiannual	62
Apr-04	36		100	4			148	148	04/01/04	semiannual	63
Oct-04	13		100	4			24.5	24.5	10/19/04	semiannual	64
Apr-05	61		100	4			37	37	04/22/05	semiannual	65
Oct-05	85		100	4			73	73	10/07/05	semiannual	66
May-06	23		100	4			54	54	05/11/06	semiannual	67
Oct-06	10		100	4			16.5	16.5	10/18/06	semiannual	68
May-07	39		100	4			24.5	24.5	05/22/07	semiannual	69
Oct-07	10		100	4			24.5	24.5	10/25/07	semiannual	70
May-08	12		100	4			11	11	05/13/08	semiannual	71
Oct-08	38		100	4			25	25	10/23/08	semiannual	72
May-09	36		100	4			37	37	05/12/09	semiannual	73
Oct-09	100		100	4			68	68	10/29/09	semiannual	74
May-10	30		100	4			65	65	05/20/10	semiannual	75
Oct-10	10		100	10			20	20	10/18/10	semiannual	76
Jul-11	100		100	100			55	55	07/02/11	semiannual	77
Oct-11	68		100	100			84	84	10/12/11	semiannual	78
May-12	22		100	10			45	45	05/18/12	semiannual	79
Oct-12	120		100	400			71	71	10/11/12	semiannual	80
May-13	50		100	50			85	85	05/17/13	semiannual	81
Oct-13	200		100	200			125	125	10/11/13	semiannual	82
May-14	19		100	30			109.5	109.5	05/05/14	semiannual	83
Oct-14	15		100	10			17	17	10/06/14	semiannual	84
Jul-15	19		100	10			17	17	07/09/15	annual	85

MOVING AVERAGE TREND TEST
VDM-11
CHROMIUM



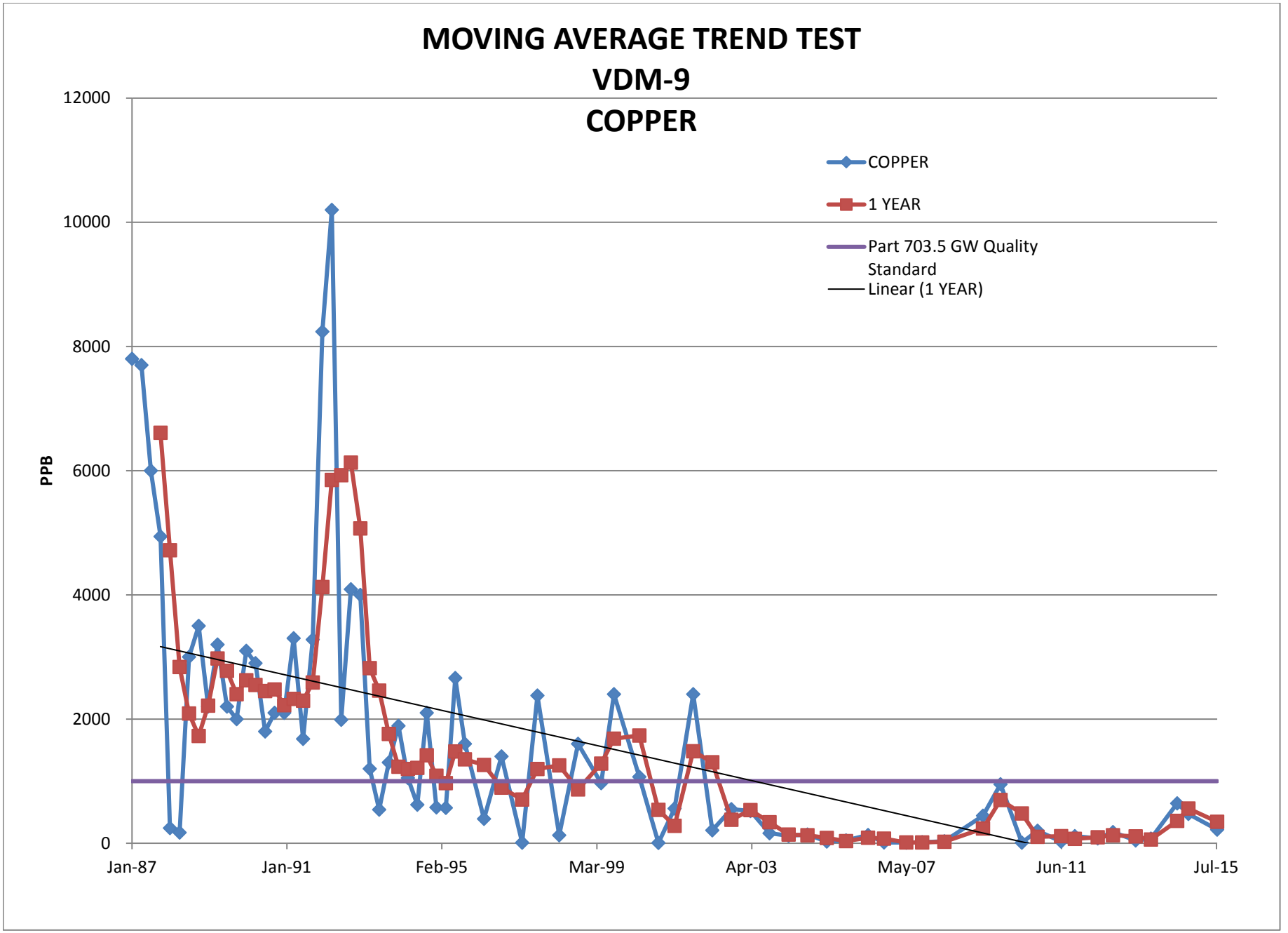
WELL VDM - 11 : CHROMIUM

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87	190		100	50	TOTAL STD	66.7534					1
Apr-87			100	50	TOTAL Sx	7.8129					2
Jul-87	500		100	50	TOTAL MEAN	40.0392					3
Oct-87	6		100	50	TOTAL N	74	232.00				4
Jan-88	123		100	50	TOTAL df	73	209.67				5
Apr-88	130		100	50			189.75				6
Jul-88	50		100	50			77.25				7
Oct-88	14		100	50			79.25				8
Jan-89	48		100	50			60.50				9
Apr-89	53		100	50			41.25				10
Jul-89	36		100	50			37.75				11
Oct-89	19		100	50			39.00				12
Jan-90	30		100	50			34.50				13
Apr-90	30		100	50			28.75				14
Jul-90	30		100	50			27.25				15
Oct-90	30		100	50			30.00				16
Jan-91	9		100	50			24.75				17
Apr-91	32		100	50			25.25				18
Jul-91	13		100	50			21.00				19
Oct-91	12		100	50			16.50				20
Jan-92	46		100	50			25.75				21
Apr-92	24		100	50			23.75				22
Jul-92	10.2		100	50			23.05				23
Oct-92	10		100	50			22.55				24
Jan-93	6.9		100	50			12.78				25
Apr-93	15		100	50			10.53				26
Jul-93	60		100	50			22.98				27
Oct-93	2		100	50			20.98				28
Jan-94	14		100	50			22.75				29
Apr-94	12		100	50			22.00				30
Jul-94	4		100	50			8.00				31
Oct-94	24		100	50			13.50				32
Jan-95	14		100	50			13.50				33
Apr-95	11		100	50			13.25				34
Jul-95	10		100	50			14.75				35
Oct-95	8		100	2			10.75				36
Apr-96	5		100	5			7				37
Sep-96	5		100	5			5	5	9/17/1996	semiannual	38
Apr-97	13		100	20			9	9	4/3/1997	semiannual	39
Aug-97	10		100	5			11.5	11.5	8/27/1997	semiannual	40
Mar-98	10		100	10			10	10	3/24/1998	semiannual	41
Sep-98	10		100	10			10	10	9/22/1998	semiannual	42
May-99	10		100	10			10	10	5/11/1999	semiannual	43
Oct-99	79		100	14			44.5	44.5	10/5/1999	semiannual	44
May-00	45		100	20			62	62	5/16/2000	semiannual	45
Nov-00	82		100	2			63.5	63.5	11/28/2000	semiannual	46
Apr-01	8.2		100	2			45.1	45.1	4/4/2001	semiannual	47
Oct-01	28		100	2			18.1	18.1	10/18/2001	semiannual	48
Apr-02	4.6		100	2			16.3	16.3	4/18/2002	semiannual	49
Oct-02	56		100	2			30.3	30.3	10/3/2002	semiannual	50
Apr-03	98		100	2			77	77	4/25/2003	semiannual	51
Oct-03	37		100	4			67.5	67.5	10/3/2003	semiannual	52
Apr-04	5		100	4			21	21	4/1/2004	semiannual	53
Oct-04	4		100	4			4.5	4.5	10/19/2004	semiannual	54
Apr-05	12		100	4			8	8	4/22/2005	semiannual	55
Oct-05	39		100	4			25.5	25.5	10/7/2005	semiannual	56
May-06	20		100	4			29.5	29.5	5/11/2006	semiannual	57
Oct-06	10		100	4			15	15	10/18/2006	semiannual	58
May-07	10		100	4			10	10	5/22/2007	semiannual	59
Oct-07	10		100	4			10	10	10/25/2007	semiannual	60
May-08	17		100	4			13.5	13.5	5/13/2008	semiannual	61
Oct-08	42		100	4			29.5	29.5	10/23/2008	semiannual	62
May-09	64		100	4			53	53	5/12/2009	semiannual	63
Oct-09	10		100	4			37	37	10/29/2009	semiannual	64
May-10	49		100	4			29.5	29.5	5/20/2010	semiannual	65
Oct-10	10		100	4			29.5	29.5	10/18/2010	semiannual	66
Jun-11	20		100	4			15	15	6/2/2011	semiannual	67
Oct-11	10		100	10			15	15	10/12/2011	semiannual	68
May-12	14		100	10			12	12	5/18/2012	semiannual	69
Oct-12	110		100	400			62	62	10/11/2012	semiannual	70
May-13	200		100	200			155	155	5/17/2013	semiannual	71
Oct-13	100		100	100			150	150	10/11/2013	semiannual	72
May-14	50		100	30			75	75	5/5/2014	semiannual	73
Oct-14	20		100	10			35	35	10/6/2014	semiannual	74
Jul-15	10		100	10			15	15	7/9/2015	annual	75


MOVING AVERAGE TREND TEST
VDM-14
CHROMIUM
PPB
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Oct-85
Jan-90
Apr-94
Jul-98
Oct-02
Jan-07
Apr-11
Jul-15
CHROMIUM
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

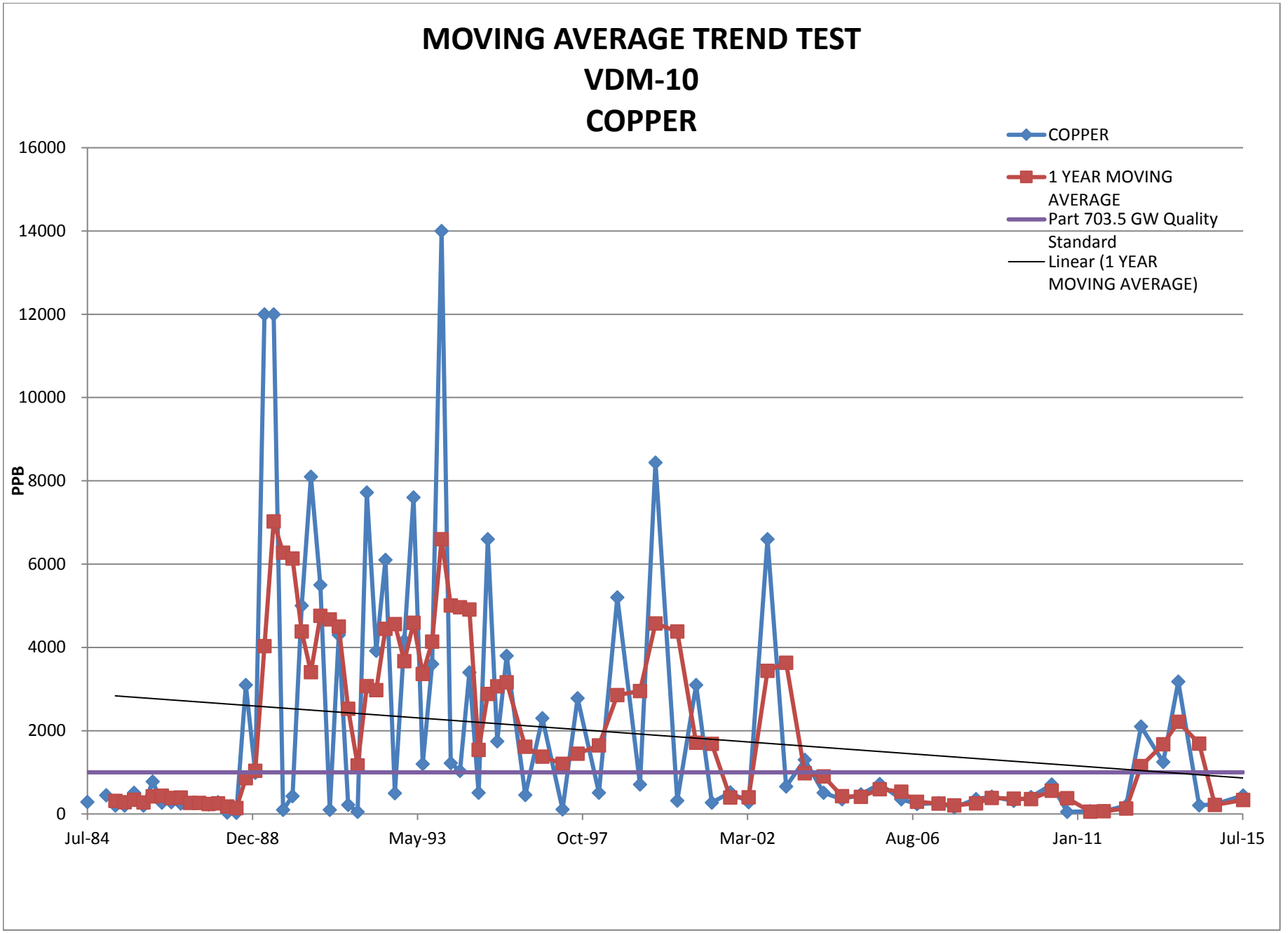
WELL VDM - 14 : CHROMIUM

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING VG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	64		100	50	TOTAL STD	1695.842					1
Jan-86	330		100	50	TOTAL Sx	193.2591					2
Apr-86	34		100	50	TOTAL MEAN	1199.731					3
Jul-86	520		100	50	TOTAL N	78	237.00				4
Oct-86	240		100	50	TOTAL df	77	281.00				5
Jan-87	190		100	50			246.00				6
Apr-87	2700		100	50			912.50				7
Jul-87	5300		100	50			2107.50				8
Oct-87	8200		100	50			4097.50				9
Jan-88	8000		100	50			6050.00				10
Apr-88	5000		100	50			6625.00				11
Jul-88	2500		100	50			5925.00				12
Oct-88	1000		100	50			4125.00				13
Jan-89	510		100	50			2252.50				14
Apr-89	488		100	50			1124.50				15
Jul-89	2880		100	50			1219.50				16
Oct-89	970		100	50			1212.00				17
Jan-90	650		100	50			1247.00				18
Apr-90	208		100	50			1177.00				19
Jul-90	380		100	50			552.00				20
Oct-90	260		100	50			374.50				21
Jan-91	406		100	50			313.50				22
Apr-91	139		100	50			296.25				23
Jul-91	140		100	50			236.25				24
Oct-91	395		100	50			270.00				25
Jan-92	1100		100	50			443.50				26
Apr-92	100		100	50			433.75				27
Jul-92	350		100	50			486.25				28
Oct-92	400		100	50			487.50				29
Jan-93	420		100	50			317.50				30
Apr-93	900		100	50			517.50				31
Jul-93	25		100	50			436.25				32
Oct-93	100		100	50			361.25				33
Jan-94	619		100	50			411.00				34
Apr-94	1730		100	50			618.50				35
Jul-94	2180		100	50			1157.25				36
Oct-94	847		100	50			1344.00				37
Jan-95	276		100	50			1258.25				38
Apr-95	317		100	50			905.00				39
Jul-95	430		100	50			467.50				40
Oct-95	470		100	2			373.25				41
Apr-96	340		100	2			395				42
Sep-96	170		100	5			255	255	9/17/1996	semiannual	43
Apr-97	800		100	20			485	485	4/3/1997	semiannual	44
Aug-97	720		100	5			760	760	8/27/1997	semiannual	45
Mar-98	910		100	10			815	815	3/24/1998	semiannual	46
Sep-98	3400		100	10			2155	2155	9/22/1998	semiannual	47
May-99	480		100	10			1940	1940	5/11/1999	semiannual	48
Oct-99	1160		100	14			820	820	10/5/1999	semiannual	49
Nov-00	760		100	2			960	960	11/28/2000	semiannual	50
Apr-01	1600		100	2			1180	1180	4/4/2001	semiannual	51
Oct-01	860		100	2			1230	1230	10/18/2001	semiannual	52
Apr-02	340		100	2			600	600	4/18/2002	semiannual	53
Oct-02	360		100	2			350	350	10/3/2002	semiannual	54
Apr-03	300		100	2			330	330	4/25/2003	semiannual	55
Oct-03	1700		100	2			1000	1000	10/3/2003	semiannual	56
Apr-04	1900		100	4			1800	1800	4/1/2004	semiannual	57
Oct-04	3800		100	4			2850	2850	10/19/2004	semiannual	58
Apr-05	2000		100	4			2900	2900	4/22/2005	semiannual	59
Oct-05	4400		100	4			3200	3200	10/7/2005	semiannual	60
May-06	1620		100	4			3010	3010	5/11/2006	semiannual	61
Oct-06	1720		100	4			1670	1670	10/18/2006	semiannual	62
May-07	6100		100	4			3910	3910	5/22/2007	semiannual	63
Oct-07	2550		100	4			4325	4325	10/25/2007	semiannual	64
Oct-08	600		100	4			1575	1575	10/23/2008	semiannual	65
May-09	349		100	4			474.5	474.5	5/12/2009	semiannual	66
Oct-09	197		100	4			273	273	10/29/2009	semiannual	67
May-10	100		100	4			148.5	148.5	5/20/2010	semiannual	68
Oct-10	100		100	4			100	100	10/18/2010	semiannual	69
Jun-11	75		100	4			87.5	87.5	6/2/2011	semiannual	70
Oct-11	200		100	200			137.5	137.5	10/12/2011	semiannual	71
May-12	100		100	100			150	150	5/18/2012	semiannual	72
Oct-12	400		100	400			250	250	10/11/2012	semiannual	73
May-13	400		100	400			400	400	5/17/2013	semiannual	74
Oct-13	200		100	200			300	300	10/11/2013	semiannual	75
May-14	100		100	30			150	150	5/5/2014	semiannual	76
Oct-14	500		100	10			300	300	10/6/2014	semiannual	77
Jul-15	500		100	10			500	500	7/9/2015	annual	78


MOVING AVERAGE TREND TEST
VDM-9
COPPER
12000
10000
8000
6000
4000
2000
0
PPB
Jan-87
Jan-91
Feb-95
Mar-99
Apr-03
May-07
Jun-11
Jul-15
COPPER
1 YEAR
Part 703.5 GW Quality Standard
Linear (1 YEAR)

WELL VDM - 9 : COPPER

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	7800		1000	200	TOTAL STD	2109.305					1
Apr-87	7700		1000	200	TOTAL Sx	246.8754					2
Jul-87	6000		1000	200	TOTAL MEAN	1683.703					3
Oct-87	4940		1000	200	TOTAL N	74	6610				4
Jan-88	243		1000	200	TOTAL df	73	4720.75				5
Apr-88	171		1000	200			2838.5				6
Jul-88	3000		1000	200			2088.5				7
Oct-88	3500		1000	200			1728.5				8
Jan-89	2200		1000	200			2217.75				9
Apr-89	3200		1000	200			2975				10
Jul-89	2200		1000	200			2775				11
Oct-89	2000		1000	200			2400				12
Jan-90	3100		1000	200			2625				13
Apr-90	2900		1000	200			2550				14
Jul-90	1800		1000	200			2450				15
Oct-90	2100		1000	200			2475				16
Jan-91	2100		1000	200			2225				17
Apr-91	3300		1000	200			2325				18
Jul-91	1680		1000	200			2295				19
Oct-91	3280		1000	200			2590				20
Jan-92	8240		1000	200			4125				21
Apr-92	10200		1000	200			5850				22
Jul-92	1990		1000	200			5927.5				23
Oct-92	4090		1000	200			6130				24
Jan-93	4000		1000	200			5070				25
Apr-93	1200		1000	200			2820				26
Jul-93	540		1000	200			2457.5				27
Oct-93	1300		1000	200			1760				28
Jan-94	1890		1000	200			1232.5				29
Apr-94	1050		1000	200			1195				30
Jul-94	620		1000	200			1215				31
Oct-94	2100		1000	200			1415				32
Jan-95	577		1000	200			1086.75				33
Apr-95	570		1000	200			966.75				34
Jul-95	2662		1000	200			1477.25				35
Oct-95	1600		1000	10			1352.25				36
Apr-96	394		1000	10			1262.5	1262.5	04/01/96	semiannual	37
Sep-96	1400		1000	10			897	897	09/17/96	semiannual	38
Apr-97	10		1000	10			705	705	04/03/97	semiannual	39
Aug-97	2380		1000	10			1195	1195	08/27/97	semiannual	40
Mar-98	130		1000	20			1255	1255	03/24/98	semiannual	41
Sep-98	1600		1000	20			865	865	09/22/98	semiannual	42
May-99	967		1000	10			1283.5	1283.5	05/11/99	semiannual	43
Sep-99	2400		1000	10			1683.5	1683.5	09/29/99	semiannual	44
May-00	1070		1000	10			1735	1735	05/16/00	semiannual	45
Nov-00	5		1000	5			537.5	537.5	11/28/00	semiannual	46
Apr-01	560		1000	10			282.5	282.5	04/04/01	semiannual	47
Oct-01	2400		1000	10			1480	1480	10/18/01	semiannual	48
Apr-02	210		1000	5			1305	1305	04/18/02	semiannual	49
Oct-02	550		1000	5			380	380	10/03/02	semiannual	50
Apr-03	520		1000	5			535	535	04/25/03	semiannual	51
Oct-03	160		1000	10			340	340	10/03/03	semiannual	52
Apr-04	120		1000	10			140	140	04/01/04	semiannual	53
Oct-04	140		1000	10			130	130	10/19/04	semiannual	54
Apr-05	28		1000	10			84	84	04/22/05	semiannual	55
Oct-05	45		1000	10			36.5	36.5	10/07/05	semiannual	56
May-06	133		1000	10			89	89	05/11/06	semiannual	57
Oct-06	13		1000	10			73	73	10/18/06	semiannual	58
May-07	10		1000	10			11.5	11.5	05/22/07	semiannual	59
Oct-07	18		1000	10			14	14	10/25/07	semiannual	60
May-08	32		1000	10			25	25	05/13/08	semiannual	61
May-09	443		1000	10			237.5	237.5	05/12/09	semiannual	63
Oct-09	951		1000	10			697	697	10/29/09	semiannual	64
May-10	10		1000	10			480.5	480.5	05/20/10	semiannual	65
Oct-10	200		1000	10			105	105	10/18/10	semiannual	66
Jun-11	26		1000	10			113	113	06/02/11	semiannual	67
Oct-11	113		1000	10			69.5	69.5	10/12/11	semiannual	68
May-12	78		1000	10			95.5	95.5	05/18/12	semiannual	69
Oct-12	178		1000	40			128	128	10/11/12	semiannual	70
May-13	47		1000	400			112.5	112.5	05/17/13	semiannual	71
Oct-13	75		1000	20			61	61	10/11/13	semiannual	72
Jun-14	643		1000	32			359	359	06/20/14	semiannual	73
Oct-14	474		1000	15			558.5	558.5	10/06/14	semiannual	74
Jul-15	218		1000	15			346	346	07/09/15	annual	75

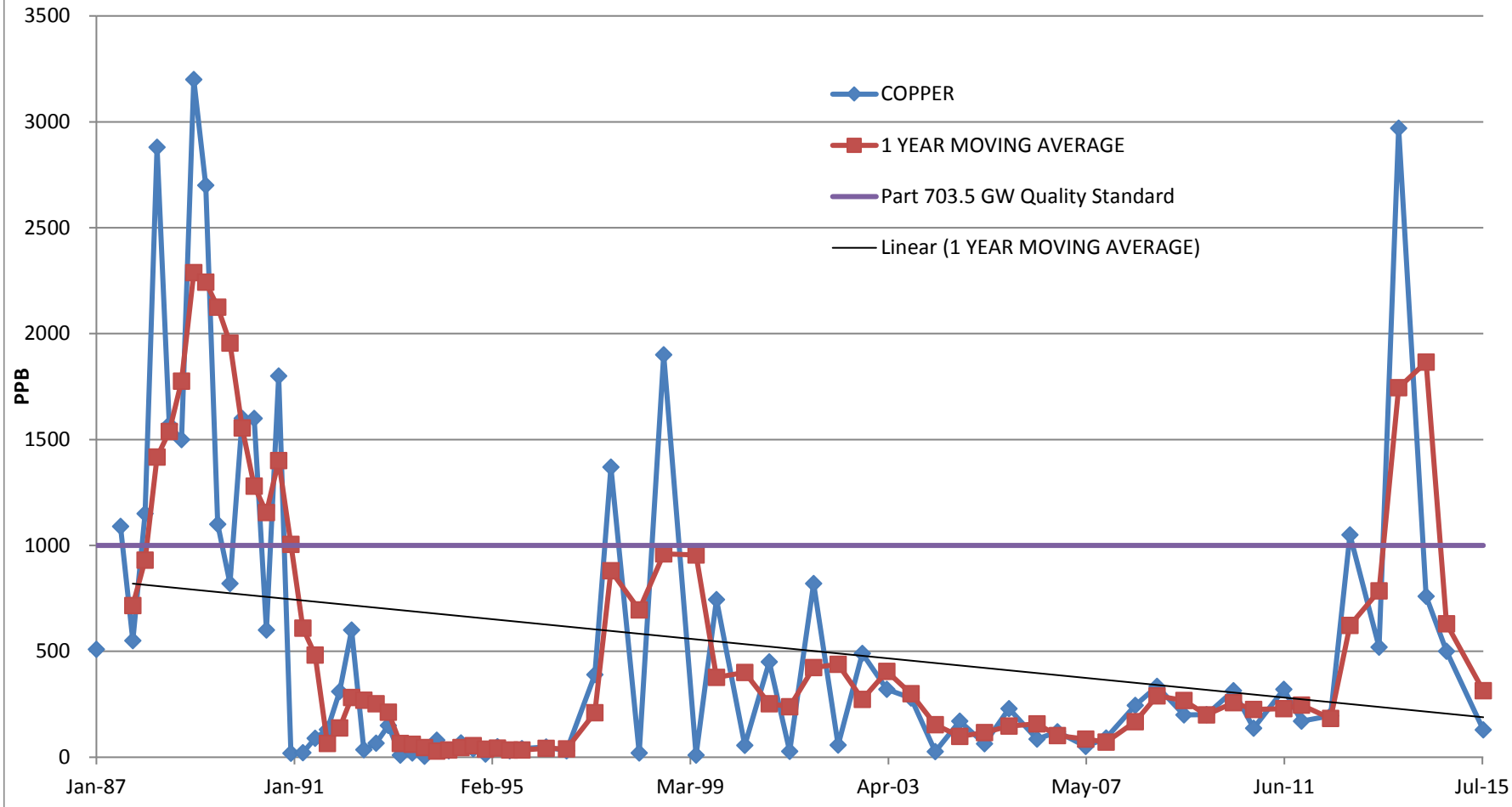

MOVING AVERAGE TREND TEST
VDM-10
COPPER
PPB
16000
14000
12000
10000
8000
6000
4000
2000
0
Jul-84
Dec-88
May-93
Oct-97
Mar-02
Aug-06
Jan-11
Jul-15
COPPER
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 10 : COPPER

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84	290		1000	200	TOTAL STD	3022.9636					1
Oct-84			1000	200	TOTAL Sx	335.88485					2
Jan-85	450		1000	200	TOTAL MEAN	2068.2232					3
Apr-85	200		1000	200	TOTAL N	82	313.33				4
Jul-85	200		1000	200	TOTAL df	81	283.33				5
Oct-85	510		1000	200			340.00				6
Jan-86	200		1000	200			277.50				7
Apr-86	780		1000	200			422.50				8
Jul-86	270		1000	200			440.00				9
Oct-86	280		1000	200			382.50				10
Jan-87	250		1000	200			395.00				11
Apr-87			1000	200			266.67				12
Jul-87			1000	200			265.00				13
Oct-87	230		1000	200			240.00				14
Jan-88	280		1000	200			255.00				15
Apr-88	35		1000	200			181.67				16
Jul-88	30		1000	200			143.75				17
Oct-88	3100		1000	200			861.25				18
Jan-89	990		1000	200			1038.75				19
Apr-89	12000		1000	200			4030.00				20
Jul-89	12000		1000	200			7022.50				21
Oct-89	100		1000	200			6272.50				22
Jan-90	430		1000	200			6132.50				23
Apr-90	5000		1000	200			4382.50				24
Jul-90	8100		1000	200			3407.50				25
Oct-90	5500		1000	200			4757.50				26
Jan-91	100		1000	200			4675.00				27
Apr-91	4300		1000	200			4500.00				28
Jul-91	215		1000	200			2528.75				29
Oct-91	50		1000	200			1166.25				30
Jan-92	7720		1000	200			3071.25				31
Apr-92	3920		1000	200			2976.25				32
Jul-92	6100		1000	200			4447.50				33
Oct-92	498		1000	200			4559.50				34
Jan-93	4160		1000	200			3669.50				35
Apr-93	7600		1000	200			4589.50				36
Jul-93	1200		1000	200			3364.50				37
Oct-93	3600		1000	200			4140.00				38
Jan-94	14000		1000	200			6600.00				39
Apr-94	1220		1000	200			5005.00				40
Jul-94	1030		1000	200			4962.50				41
Oct-94	3400		1000	200			4912.50				42
Jan-95	508		1000	200			1539.50				43
Apr-95	6600		1000	200			2884.50				44
Jul-95	1745		1000	200			3063.25				45
Oct-95	3800		1000	10			3163.25				46
Apr-96	453		1000	10			1612.75				47
Sep-96	2300		1000	10			1376.5	1376.5	09/17/96	semiannual	48
Apr-97	110		1000	10			1205	1205	04/03/97	semiannual	49
Aug-97	2780		1000	10			1445	1445	08/27/97	semiannual	50
Mar-98	510		1000	20			1645	1645	03/24/98	semiannual	51
Sep-98	5200		1000	20			2855	2855	09/22/98	semiannual	52
May-99	709		1000	10			2954.5	2954.5	05/11/99	semiannual	53
Oct-99	8440		1000	10			4574.5	4574.5	10/05/99	semiannual	54
May-00	322		1000	10			4381	4381	05/16/00	semiannual	55
Nov-00	3100		1000	5			1711	1711	11/28/00	semiannual	56
Apr-01	270		1000	10			1685	1685	04/04/01	semiannual	57
Oct-01	520		1000	10			395	395	10/18/01	semiannual	58
Apr-02	280		1000	5			400	400	04/18/02	semiannual	59
Oct-02	6600		1000	5			3440	3440	10/03/02	semiannual	60
Apr-03	660		1000	5			3630	3630	04/25/03	semiannual	61
Oct-03	1300		1000	10			980	980	10/03/03	semiannual	62
Apr-04	510		1000	10			905	905	04/01/04	semiannual	63
Oct-04	350		1000	10			430	430	10/19/04	semiannual	64
Apr-05	470		1000	10			410	410	04/22/05	semiannual	65
Oct-05	720		1000	10			595	595	10/07/05	semiannual	66
May-06	353		1000	10			536.5	536.5	05/11/06	semiannual	67
Oct-06	238		1000	10			295.5	295.5	10/18/06	semiannual	68
May-07	262		1000	10			250	250	05/22/07	semiannual	69
Oct-07	156		1000	10			209	209	10/25/07	semiannual	70
May-08	355		1000	10			255.5	255.5	05/13/08	semiannual	71
Oct-08	417		1000	10			386	386	05/14/08	semiannual	72
May-09	315		1000	10			366	366	05/12/09	semiannual	73
Oct-09	405		1000	10			360	360	10/29/09	semiannual	74
May-10	708		1000	10			556.5	556.5	05/20/10	semiannual	75
Oct-10	48.3		1000	10			378.15	378.15	10/18/10	semiannual	76
Jun-11	67		1000	10			57.65	57.65	06/02/11	semiannual	77
Oct-11	64		1000	10			65.5	65.5	10/12/11	semiannual	78
May-12	199		1000	10			131.5	131.5	05/18/12	semiannual	79
Oct-12	2100		1000	40			1149.5	1149.5	10/11/12	semiannual	80
May-13	1250		1000	400			1675	1675	05/17/13	semiannual	81
Oct-13	3180		1000	20			2215	2215	10/11/13	semiannual	82
May-14	205		1000	32000			1692.5	1692.5	05/05/14	semiannual	83
Oct-14	231		1000	15			218	218	10/06/14	semiannual	84
Jul-15	446		1000	15			338.5	338.5	07/09/15	annual	85

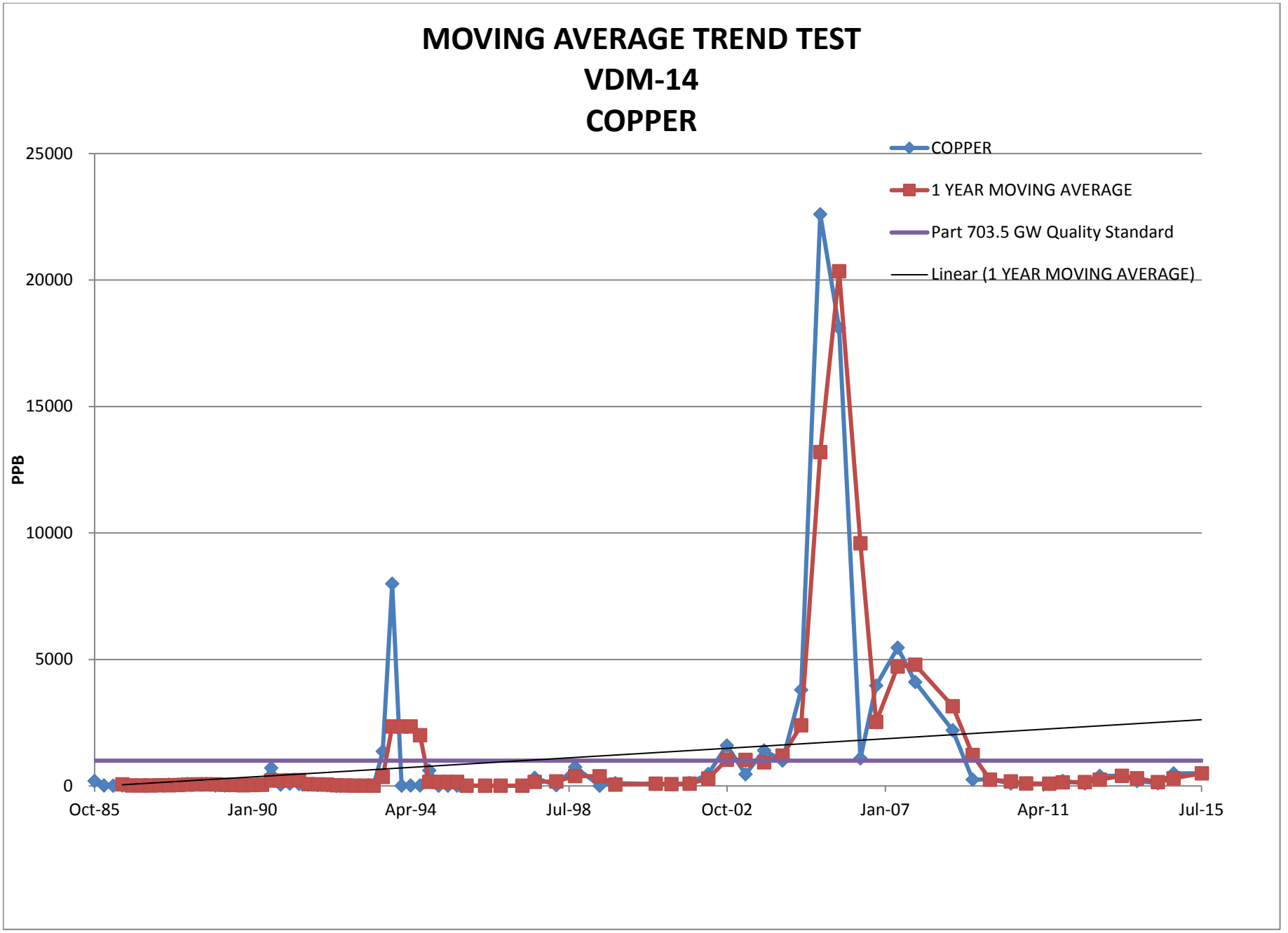
WELL VDM - 10 : COPPER

MOVING AVERAGE TREND TEST
VDM-11
COPPER



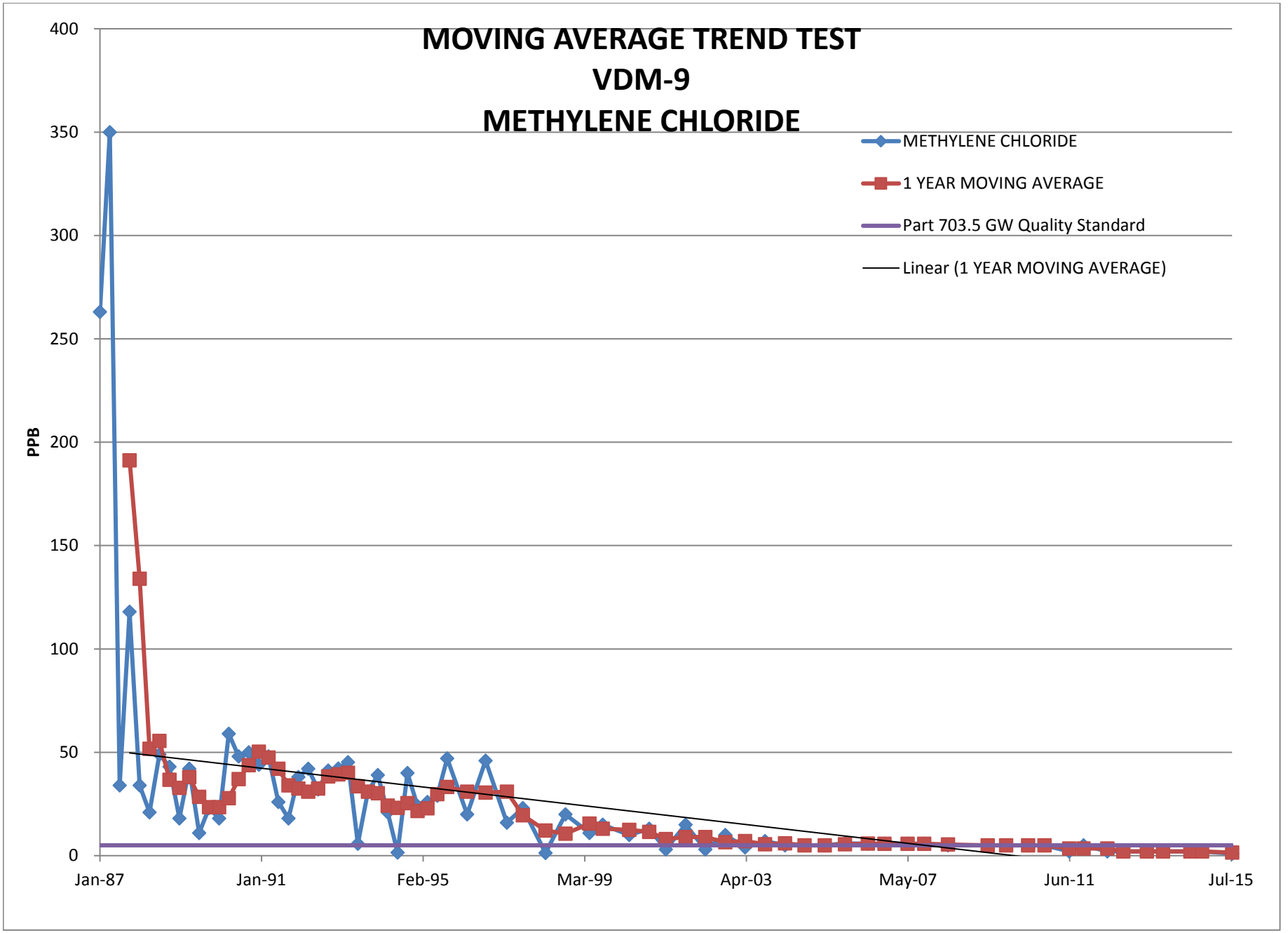
WELL VDM - 11 : COPPER

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87	510		1000	200	TOTAL STD	752.5159					1
Apr-87			1000	200	TOTAL Sx	88.0753					2
Jul-87	1090		1000	200	TOTAL MEAN	545.7054					3
Oct-87	550		1000	200	TOTAL N	74	716.67				4
Jan-88	1150		1000	200	TOTAL df	73	930.00				5
Apr-88	2880		1000	200			1417.50				6
Jul-88	1570		1000	200			1537.50				7
Oct-88	1500		1000	200			1775.00				8
Jan-89	3200		1000	200			2287.50				9
Apr-89	2700		1000	200			2242.50				10
Jul-89	1100		1000	200			2125.00				11
Oct-89	820		1000	200			1955.00				12
Jan-90	1600		1000	200			1555.00				13
Apr-90	1600		1000	200			1280.00				14
Jul-90	600		1000	200			1155.00				15
Oct-90	1800		1000	200			1400.00				16
Jan-91	19		1000	200			1004.75				17
Apr-91	21		1000	200			610.00				18
Jul-91	90		1000	200			482.50				19
Oct-91	130		1000	200			65.00				20
Jan-92	310		1000	200			137.75				21
Apr-92	600		1000	200			282.50				22
Jul-92	35.5		1000	200			268.88				23
Oct-92	66.7		1000	200			253.05				24
Jan-93	150		1000	200			213.05				25
Apr-93	10		1000	200			65.55				26
Jul-93	20		1000	200			61.68				27
Oct-93	5		1000	200			46.25				28
Jan-94	80		1000	200			28.75				29
Apr-94	31		1000	200			34.00				30
Jul-94	68		1000	200			46.00				31
Oct-94	40		1000	200			54.75				32
Jan-95	15		1000	200			38.50				33
Apr-95	50		1000	200			43.25				34
Jul-95	30		1000	200			33.75				35
Oct-95	41		1000	10			34.00				36
Apr-96	48		1000	10			41.75				37
Sep-96	30		1000	30			39	39	9/17/1996	semiannual	38
Apr-97	390		1000	10			210	210	4/3/1997	semiannual	39
Aug-97	1370		1000	10			880	880	8/27/1997	semiannual	40
Mar-98	20		1000	20			695	695	3/24/1998	semiannual	41
Sep-98	1900		1000	20			960	960	9/22/1998	semiannual	42
May-99	10		1000	10			955	955	5/11/1999	semiannual	43
Oct-99	744		1000	10			377	377	10/5/1999	semiannual	44
May-00	56		1000	10			400	400	5/16/2000	semiannual	45
Nov-00	450		1000	5			253	253	11/28/2000	semiannual	46
Apr-01	28		1000	10			239	239	4/4/2001	semiannual	47
Oct-01	820		1000	10			424	424	10/18/2001	semiannual	48
Apr-02	57		1000	5			438.5	438.5	4/18/2002	semiannual	49
Oct-02	490		1000	5			273.5	273.5	10/3/2002	semiannual	50
Apr-03	320		1000	5			405	405	4/25/2003	semiannual	51
Oct-03	280		1000	10			300	300	10/3/2003	semiannual	52
Apr-04	27		1000	10			153.5	153.5	4/1/2004	semiannual	53
Oct-04	170		1000	10			98.5	98.5	10/19/2004	semiannual	54
Apr-05	64		1000	10			117	117	4/22/2005	semiannual	55
Oct-05	230		1000	10			147	147	10/7/2005	semiannual	56
May-06	85		1000	10			157.5	157.5	5/11/2006	semiannual	57
Oct-06	120		1000	10			102.5	102.5	10/18/2006	semiannual	58
May-07	51		1000	10			85.5	85.5	5/22/2007	semiannual	59
Oct-07	91		1000	10			71	71	10/25/2007	semiannual	60
May-08	245		1000	10			168	168	5/13/2008	semiannual	61
Oct-08	335		1000	10			290	290	10/23/2008	semiannual	62
May-09	200		1000	10			267.5	267.5	5/12/2009	semiannual	63
Oct-09	201		1000	10			200.5	200.5	10/29/2009	semiannual	64
May-10	314		1000	10			257.5	257.5	5/20/2010	semiannual	65
Oct-10	137		1000	10			225.5	225.5	10/18/2010	semiannual	66
Jun-11	321		1000	10			229	229	6/2/2011	semiannual	67
Oct-11	171		1000	10			246	246	10/12/2011	semiannual	68
May-12	196		1000	10			183.5	183.5	5/18/2012	semiannual	69
Oct-12	1050		1000	40			623	623	10/11/2012	semiannual	70
May-13	520		1000	400			785	785	5/17/2013	semiannual	71
Oct-13	2970		1000	20			1745	1745	10/11/2013	semiannual	72
May-14	760		1000	32			1865	1865	5/5/2014	semiannual	73
Oct-14	500		1000	15			630	630	10/6/2014	semiannual	74
Jul-15	129		1000	15			314.5	314.5	10/7/2014	annual	75


MOVING AVERAGE TREND TEST
VDM-14
COPPER
25000
20000
15000
10000
5000
0
PPB
Oct-85
Jan-90
Apr-94
Jul-98
Oct-02
Jan-07
Apr-11
Jul-15
COPPER
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

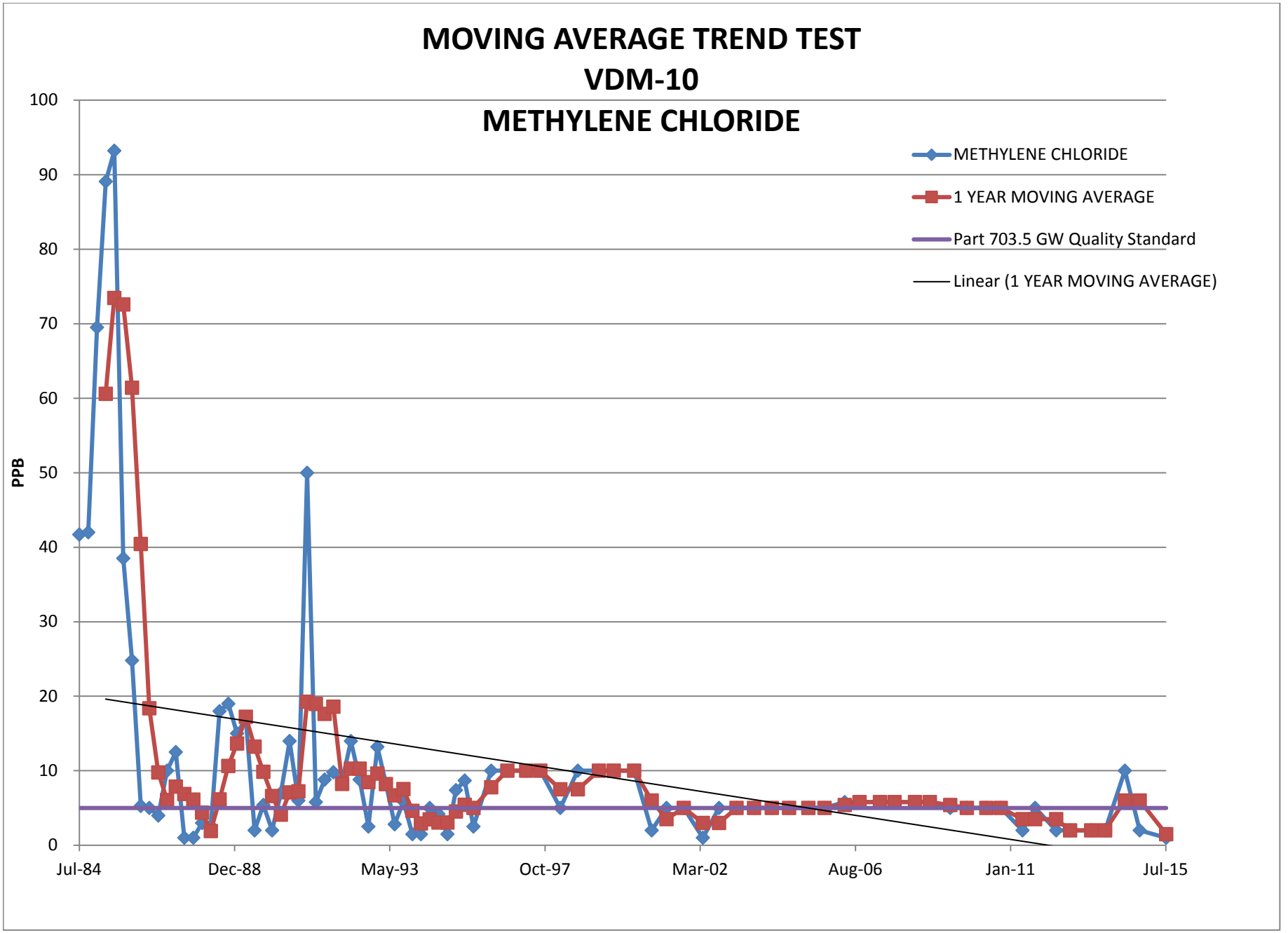
WELL VDM - 14 : COPPER

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
---	-			-	-	-	-				-
Oct-85	200		1000	200	TOTAL STD	3411.176					1
Jan-86	21		1000	200	TOTAL Sx	388.7396					2
Apr-86	14		1000	200	TOTAL MEAN	1064.449					3
Jul-86	15		1000	200	TOTAL N	78	62.50				4
Oct-86	28		1000	200	TOTAL df	77	19.50				5
Jan-87	22		1000	200			19.75				6
Apr-87	18		1000	200			20.75				7
Jul-87	26		1000	200			23.50				8
Oct-87	50		1000	200			29.00				9
Jan-88	50		1000	200			36.00				10
Apr-88	80		1000	200			51.50				11
Jul-88	60		1000	200			60.00				12
Oct-88	80		1000	200			67.50				13
Jan-89	19		1000	200			59.75				14
Apr-89	16		1000	200			43.75				15
Jul-89	40		1000	200			38.75				16
Oct-89	39		1000	200			28.50				17
Jan-90	50		1000	200			36.25				18
Apr-90	50		1000	200			44.75				19
Jul-90	710		1000	200			212.25				20
Oct-90	50		1000	200			215.00				21
Jan-91	93.3		1000	200			225.83				22
Apr-91	79.7		1000	200			233.25				23
Jul-91	50		1000	200			68.25				24
Oct-91	40		1000	200			65.75				25
Jan-92	30		1000	200			49.93				26
Apr-92	5		1000	200			31.25				27
Jul-92	10		1000	200			21.25				28
Oct-92	10		1000	200			13.75				29
Jan-93	10		1000	200			8.75				30
Apr-93	18		1000	200			12.00				31
Jul-93	1370		1000	200			352.00				32
Oct-93	8000		1000	200			2349.50				33
Jan-94	10		1000	200			2349.50				34
Apr-94	15		1000	200			2348.75				35
Jul-94	18		1000	200			2010.75				36
Oct-94	610		1000	200			163.25				37
Jan-95	10		1000	200			163.25				38
Apr-95	10		1000	200			162.00				39
Jul-95	10		1000	200			160.00				40
Oct-95	10		1000	10			10.00				41
Apr-96	10		1000	10			10				42
Sep-96	10		1000	10			10	10	9/17/1996	semiannual	43
Apr-97	10		1000	10			10	10	4/3/1997	semiannual	44
Aug-97	320		1000	10			165	165	8/27/1997	semiannual	45
Mar-98	30		1000	20			175	175	3/24/1998	semiannual	46
Sep-98	750		1000	20			390	390	9/22/1998	semiannual	47
May-99	10		1000	10			380	380	5/11/1999	semiannual	48
Oct-99	106		1000	10			58	58	10/5/1999	semiannual	49
Nov-00	81		1000	5			93.5	93.5	11/28/2000	semiannual	50
Apr-01	60		1000	10			70.5	70.5	4/4/2001	semiannual	51
Oct-01	120		1000	10			90	90	10/18/2001	semiannual	52
Apr-02	470		1000	5			295	295	4/18/2002	semiannual	53
Oct-02	1600		1000	5			1035	1035	10/3/2002	semiannual	54
Apr-03	460		1000	5			1030	1030	4/25/2003	semiannual	55
Oct-03	1400		1000	5			930	930	10/3/2003	semiannual	56
Apr-04	1000		1000	100			1200	1200	4/1/2004	semiannual	57
Oct-04	3800		1000	100			2400	2400	10/19/2004	semiannual	58
Apr-05	22600		1000	100			13200	13200	4/22/2005	semiannual	59
Oct-05	18100		1000	100			20350	20350	10/7/2005	semiannual	60
May-06	1090		1000	100			9595	9595	5/11/2006	semiannual	61
Oct-06	3970		1000	100			2530	2530	10/18/2006	semiannual	62
May-07	5470		1000	100			4720	4720	5/22/2007	semiannual	63
Oct-07	4110		1000	100			4790	4790	10/25/2007	semiannual	64
Oct-08	2200		1000	100			3155	3155	10/27/2008	semiannual	65
May-09	250		1000	100			1225	1225	5/12/2009	semiannual	66
Oct-09	258		1000	100			254	254	10/29/2009	semiannual	67
May-10	100		1000	100			179	179	5/20/2010	semiannual	68
Oct-10	100		1000	100			100	100	10/18/2010	semiannual	69
Jun-11	85		1000	100			92.5	92.5	6/2/2011	semiannual	70
Oct-11	200		1000	200			142.5	142.5	10/12/2011	semiannual	71
May-12	100		1000	100			150	150	5/18/2012	semiannual	72
Oct-12	400		1000	400			250	250	10/11/2012	semiannual	73
May-13	400		1000	400			400	400	5/17/2013	semiannual	74
Oct-13	200		1000	200			300	300	10/11/2013	semiannual	75
May-14	110		1000	32			155	155	5/5/2014	semiannual	76
Oct-14	500		1000	15			305	305	10/6/2014	semiannual	77
Jul-15	500		1000	15			500	500	7/9/2015	annual	78


MOVING AVERAGE TREND TEST
VDM-9
METHYLENE CHLORIDE
PPB
400
350
300
250
200
150
100
50
0
Jan-87
Jan-91
Feb-95
Mar-99
Apr-03
May-07
Jun-11
Jul-15
METHYLENE CHLORIDE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

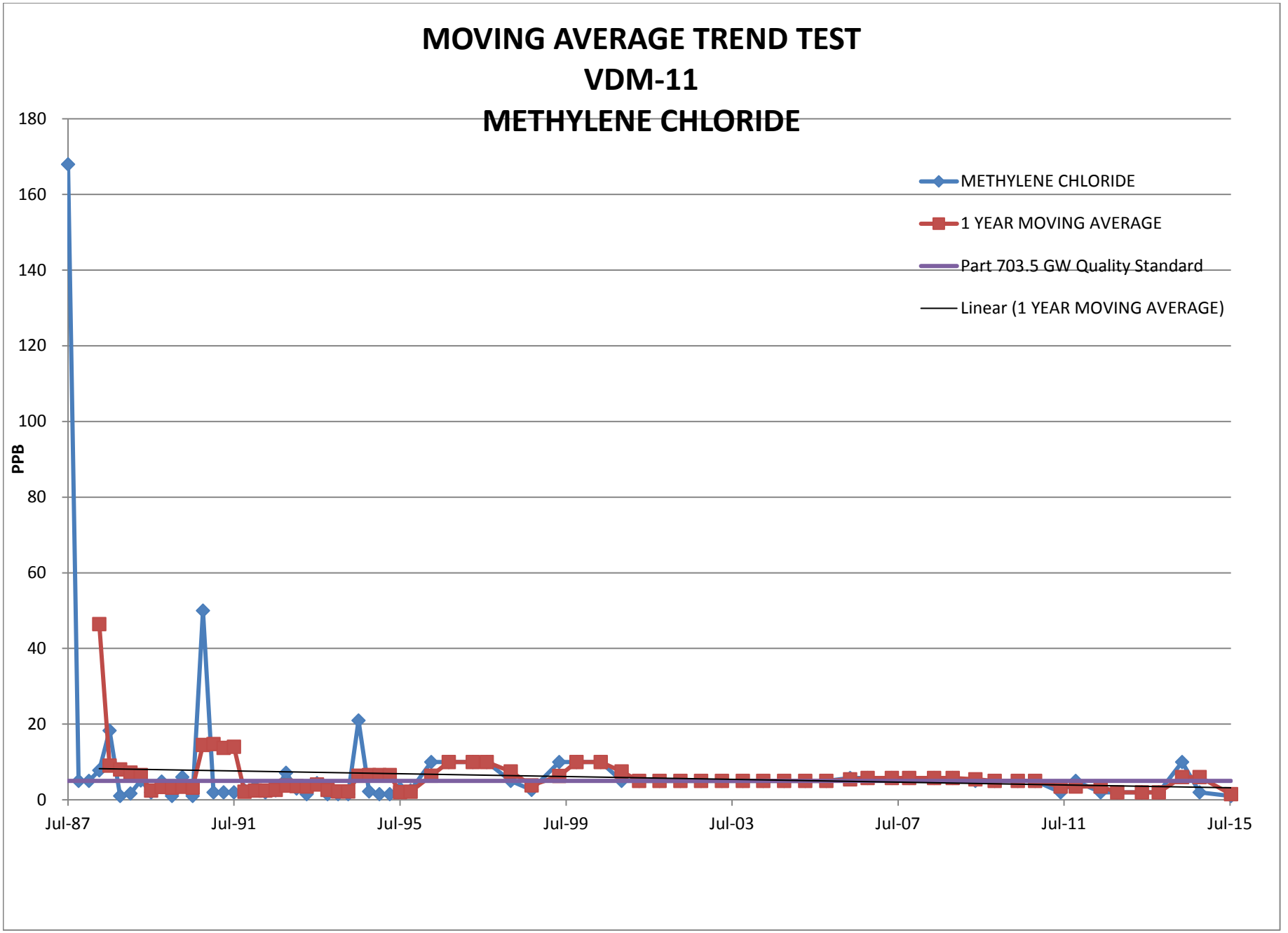
WELL VDM - 9 : METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	263		5	5	TOTAL STD	50.9016					1
Apr-87	350		5	5	TOTAL Sx	5.957582					2
Jul-87	34		5	5	TOTAL MEAN	28.75946					3
Oct-87	118		5	5	TOTAL N	74	191.25				4
Jan-88	34		5	5	TOTAL df	73	134.00				5
Apr-88	21		5	5			51.75				6
Jul-88	49		5	5			55.50				7
Oct-88	43		5	5			36.75				8
Jan-89	18		5	5			32.75				9
Apr-89	42		5	5			38.00				10
Jul-89	11		5	5			28.50				11
Oct-89	23		5	5			23.50				12
Jan-90	18		5	5			23.50				13
Apr-90	59		5	5			27.75				14
Jul-90	48		5	5			37.00				15
Oct-90	50		5	5			43.75				16
Jan-91	44		5	5			50.25				17
Apr-91	48		5	5			47.50				18
Jul-91	26		5	5			42.00				19
Oct-91	18		5	5			34.00				20
Jan-92	38		5	5			32.50				21
Apr-92	42		5	5			31.00				22
Jul-92	32		5	5			32.50				23
Oct-92	41.2		5	5			38.30				24
Jan-93	42.1		5	5			39.33				25
Apr-93	45.2		5	5			40.13				26
Jul-93	5.7		5	5			33.55				27
Oct-93	31		5	5			31.00				28
Jan-94	39		5	5			30.23				29
Apr-94	21		5	5			24.18				30
Jul-94	2		5	5			23.13				31
Oct-94	40		5	5			25.38				32
Jan-95	24		5	5			21.63				33
Apr-95	26		5	5			22.88				34
Jul-95	29		5	5			29.75				35
Oct-95	47		5	5			33.20				36
Apr-96	20		5	5			31.00	29	04/01/96		37
Sep-96	46		5	10			30.50	33	09/17/96	semiannual	38
Apr-97	16		5	10			31	31	04/03/97	semiannual	39
Aug-97	23		5	10			19.5	19.5	08/27/97	semiannual	40
Mar-98	1.3		5	5			12.15	12.15	03/24/98	semiannual	41
Sep-98	20		5	5			10.65	10.65	09/22/98	semiannual	42
May-99	11		5	10			15.5	15.5	05/11/99	semiannual	43
Sep-99	15		5	10			13	13	09/29/99	semiannual	44
May-00	10		5	10			12.5	12.5	05/16/00	semiannual	45
Nov-00	13		5	5			11.5	11.5	11/28/00	semiannual	46
Apr-01	3		5	5			8	8	04/04/01	semiannual	47
Oct-01	15		5	5			9	9	10/18/01	semiannual	48
Apr-02	3		5	5			9	9	04/18/02	semiannual	49
Oct-02	10		5	5			6.5	6.5	10/03/02	semiannual	50
Apr-03	4		5	5			7	7	04/25/03	semiannual	51
Oct-03	7		5	5			5.5	5.5	10/03/03	semiannual	52
Apr-04	5		5	5			6	6	04/01/04	semiannual	53
Oct-04	5		5	5			5	5	10/19/04	semiannual	54
Apr-05	5		5	5			5	5	04/22/05	semiannual	55
Oct-05	6		5	5			5.5	5.5	10/07/05	semiannual	56
May-06	5.8		5	5			5.9	5.9	05/11/06	semiannual	57
Oct-06	5.8		5	5			5.8	5.8	10/18/06	semiannual	58
May-07	5.8		5	5			5.8	5.8	05/22/07	semiannual	59
Oct-07	5.8		5	5			5.8	5.8	10/25/07	semiannual	60
May-08	5		5	5			5.4	5.4	05/13/08	semiannual	61
May-09	5		5	5			5	5	05/12/09	semiannual	63
Oct-09	5		5	5			5	5	10/29/09	semiannual	64
May-10	5		5	5			5	5	05/20/10	semiannual	65
Oct-10	5		5	5			5	5	10/18/10	semiannual	66
Jun-11	2		5	5			3.5	3.5	06/02/11	semiannual	67
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	68
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	69
Oct-12	2		5	2			2	2	10/11/12	semiannual	70
May-13	2		5	2			2	2	05/17/13	semiannual	71
Oct-13	2		5	2			2	2	10/11/13	semiannual	72
Jun-14	2		5	2			2	2	06/20/14	semiannual	73
Oct-14	2		5	2			2	2	10/06/14	semiannual	74
Jul-15	1		5	2			1.5	1.5	07/09/15	annual	75


MOVING AVERAGE TREND TEST
VDM-10
METHYLENE CHLORIDE
PPB
100
90
80
70
60
50
40
30
20
10
0
Jul-84
Dec-88
May-93
Oct-97
Mar-02
Aug-06
Jan-11
Jul-15
METHYLENE CHLORIDE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

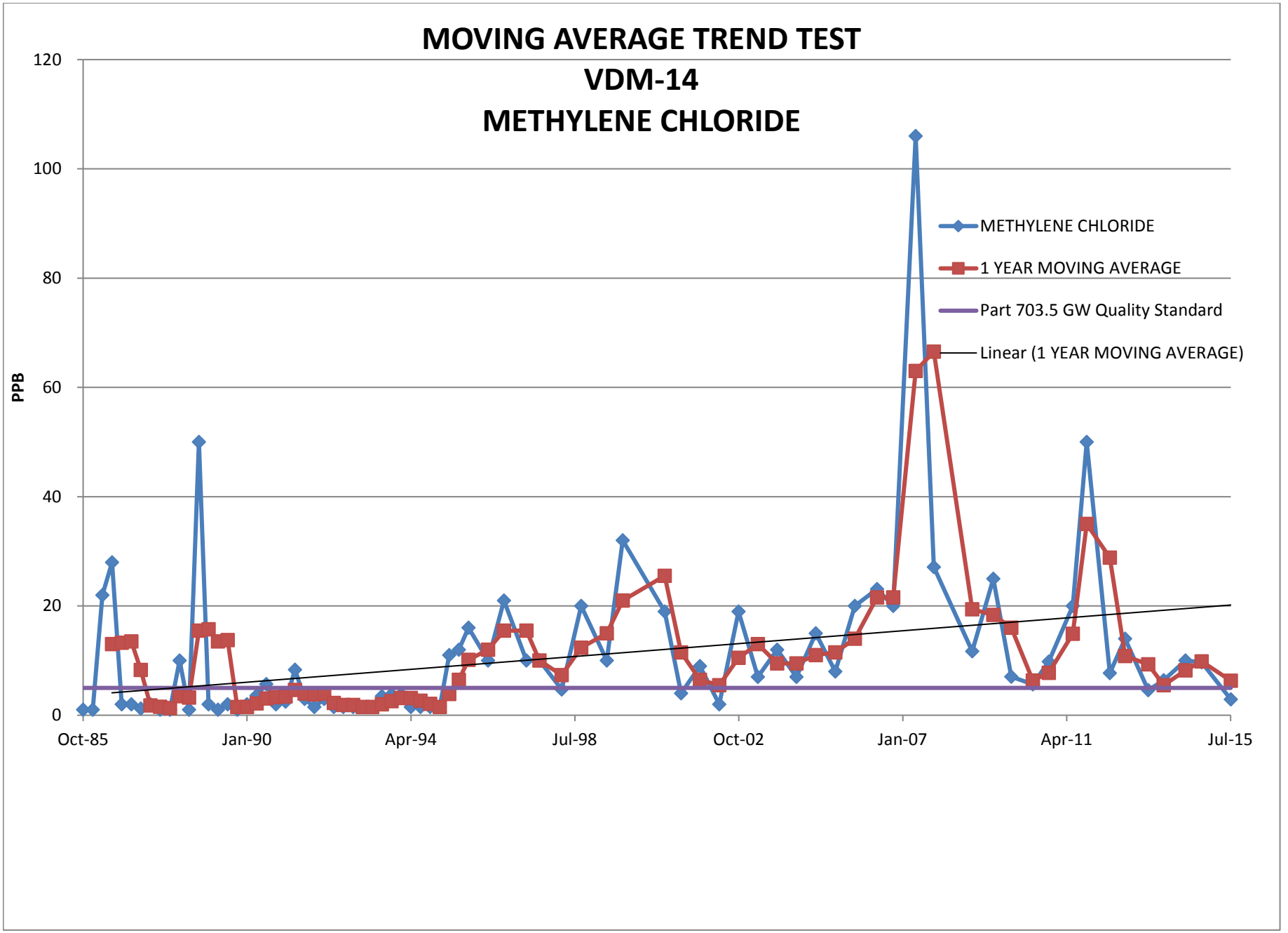
WELL VDM - 10 : METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84	41.7		5	5	TOTAL STD	16.6859453					1
Oct-84	42		5	5	TOTAL Sx	1.82058589					2
Jan-85	69.5		5	5	TOTAL MEAN	11.0024706					3
Apr-85	89.1		5	5	TOTAL N	85	60.58				4
Jul-85	93.2		5	5	TOTAL df	84	73.45				5
Oct-85	38.5		5	5			72.58				6
Jan-86	24.8		5	5			61.40				7
Apr-86	5.3		5	5			40.45				8
Jul-86	5		5	5			18.40				9
Oct-86	4		5	5			9.78				10
Jan-87	10		5	5			6.08				11
Apr-87	12.5		5	5			7.88				12
Jul-87	1		5	5			6.88				13
Oct-87	1		5	5			6.13				14
Jan-88	3		5	5			4.38				15
Apr-88	2.6		5	5			1.90				16
Jul-88	18		5	5			6.15				17
Oct-88	19		5	5			10.65				18
Jan-89	15		5	5			13.65				19
Apr-89	17		5	5			17.25				20
Jul-89	2		5	5			13.25				21
Oct-89	5.4		5	5			9.85				22
Jan-90	2		5	5			6.60				23
Apr-90	7		5	5			4.10				24
Jul-90	14		5	5			7.10				25
Oct-90	6		5	5			7.25				26
Jan-91	50		5	5			19.25				27
Apr-91	5.8		5	5			18.95				28
Jul-91	8.8		5	5			17.65				29
Oct-91	9.8		5	5			18.60				30
Jan-92	8.6		5	5			8.25				31
Apr-92	14		5	5			10.30				32
Jul-92	8.8		5	5			10.30				33
Oct-92	2.5		5	5			8.48				34
Jan-93	13.2		5	5			9.63				35
Apr-93	8.31		5	5			8.20				36
Jul-93	2.8		5	5			6.70				37
Oct-93	5.9		5	5			7.55				38
Jan-94	1.5		5	5			4.63				39
Apr-94	1.5		5	5			2.93				40
Jul-94	5		5	5			3.48				41
Oct-94	4.2		5	5			3.05				42
Jan-95	1.5		5	5			3.05				43
Apr-95	7.4		5	5			4.53				44
Jul-95	8.7		5	5			5.45				45
Oct-95	2.5		5	2.5			5.03				46
Apr-96	10		5	10			7.80				47
Sep-96	10		5	10			10	10	09/17/96	semiannual	48
Apr-97	10		5	10			10	10	04/03/97	semiannual	49
Aug-97	10		5	10			10	10	08/27/97	semiannual	50
Mar-98	5		5	5			7.5	7.5	03/24/98	semiannual	51
Sep-98	10		5	5			7.5	7.5	09/22/98	semiannual	52
May-99	10		5	10			10	10	05/11/99	semiannual	53
Oct-99	10		5	10			10	10	10/05/99	semiannual	54
May-00	10		5	10			10	10	05/16/00	semiannual	55
Nov-00	2		5	5			6	6	11/28/00	semiannual	56
Apr-01	5		5	5			3.5	3.5	04/04/01	semiannual	57
Oct-01	5		5	5			5	5	10/18/01	semiannual	58
Apr-02	1		5	5			3	3	04/18/02	semiannual	59
Oct-02	5		5	5			3	3	10/03/02	semiannual	60
Apr-03	5		5	5			5	5	04/25/03	semiannual	61
Oct-03	5		5	5			5	5	10/03/03	semiannual	62
Apr-04	5		5	5			5	5	04/01/04	semiannual	63
Oct-04	5		5	5			5	5	10/19/04	semiannual	64
Apr-05	5		5	5			5	5	04/22/05	semiannual	65
Oct-05	5		5	5			5	5	10/07/05	semiannual	66
May-06	5.8		5	5			5.4	5.4	05/11/06	semiannual	67
Oct-06	5.8		5	5			5.8	5.8	10/18/06	semiannual	68
May-07	5.8		5	5			5.8	5.8	05/22/07	semiannual	69
Oct-07	5.8		5	5			5.8	5.8	10/25/07	semiannual	70
May-08	5.8		5	5			5.8	5.8	05/13/08	semiannual	71
Oct-08	5.8		5	5			5.8	5.8	10/23/08	semiannual	72
May-09	5		5	5			5.4	5.4	05/09/09	semiannual	73
Oct-09	5		5	5			5	5	10/29/09	semiannual	74
May-10	5		5	5			5	5	05/20/10	semiannual	75
Oct-10	5		5	5			5	5	10/18/10	semiannual	76
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2		5	2			2	2	10/11/12	semiannual	80
May-13	2		5	2			2	2	05/17/13	semiannual	81
Oct-13	2		5	2			2	2	10/11/13	semiannual	82
May-14	10		5	10			6	6	05/05/14	semiannual	83
Oct-14	2		5	2			6	6	10/06/14	semiannual	84
Jul-15	1		5	2			1.5	1.5	07/09/15	annual	85


MOVING AVERAGE TREND TEST
VDM-11
METHYLENE CHLORIDE
180
160
140
120
100
80
60
40
20
0
PPB
Jul-87
Jul-91
Jul-95
Jul-99
Jul-03
Jul-07
Jul-11
Jul-15
METHYLENE CHLORIDE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

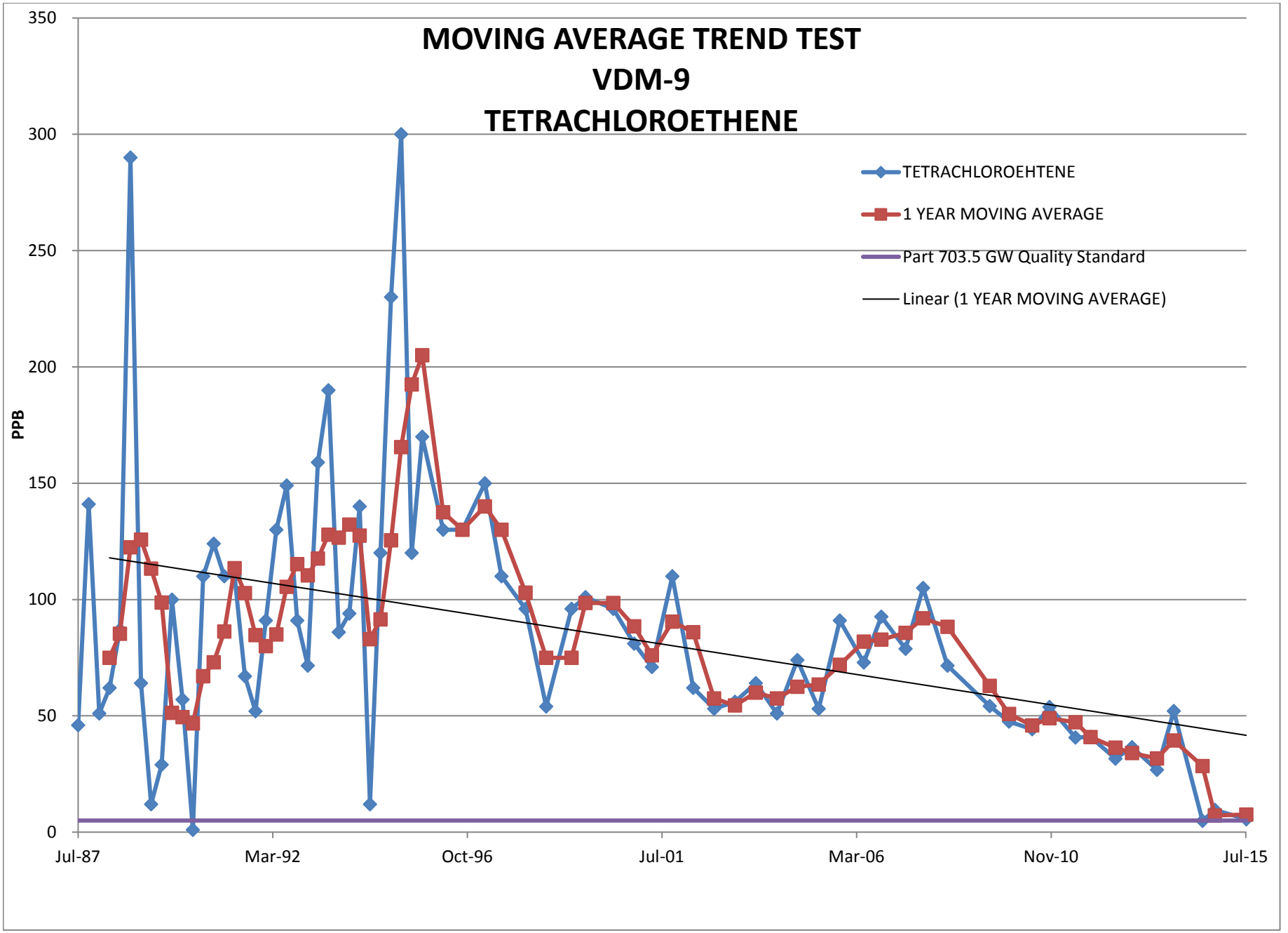
METHYLENE CHLORIDE

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87			5	5	TOTAL STD	19.9348					1
Apr-87			5	5	TOTAL Sx	2.3493					2
Jul-87	168		5	5	TOTAL MEAN	7.6821					3
Oct-87	5		5	5	TOTAL N	73					4
Jan-88	5		5	5	TOTAL df	72					5
Apr-88	7.8		5	5			46.45				6
Jul-88	18.3		5	5			9.03				7
Oct-88	1		5	5			8.03				8
Jan-89	1.7		5	5			7.20				9
Apr-89	5.1		5	5			6.53				10
Jul-89	2		5	5			2.45				11
Oct-89	4.8		5	5			3.40				12
Jan-90	1		5	5			3.23				13
Apr-90	6		5	5			3.45				14
Jul-90	1		5	5			3.20				15
Oct-90	50		5	5			14.50				16
Jan-91	2		5	5			14.75				17
Apr-91	2		5	5			13.75				18
Jul-91	2		5	5			14.00				19
Oct-91	2.5		5	5			2.13				20
Jan-92	3.4		5	5			2.48				21
Apr-92	2		5	5			2.48				22
Jul-92	2.5		5	5			2.60				23
Oct-92	7.16		5	5			3.77				24
Jan-93	3		5	5			3.67				25
Apr-93	1.5		5	5			3.54				26
Jul-93	4.43		5	5			4.02				27
Oct-93	1.5		5	5			2.61				28
Jan-94	1.5		5	5			2.23				29
Apr-94	1.5		5	5			2.23				30
Jul-94	21		5	5			6.38				31
Oct-94	2.2		5	5			6.55				32
Jan-95	1.5		5	5			6.55				33
Apr-95	1.5		5	5			6.55				34
Jul-95	3		5	5			2.05				35
Oct-95	2.5		5	2.5			2.13				36
Apr-96	10		5	10			6.375				37
Sep-96	10		5	10			10	10	9/17/1996	semiannual	38
Apr-97	10		5	10			10	10	4/3/1997	semiannual	39
Aug-97	10		5	10			10	10	8/27/1997	semiannual	40
Mar-98	5		5	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	2.6		5	5			3.8	3.8	9/22/1998	semiannual	42
May-99	10		5	10			6.3	6.3	5/11/1999	semiannual	43
Oct-99	10		5	10			10	10	10/5/1999	semiannual	44
May-00	10		5	10			10	10	5/16/2000	semiannual	45
Nov-00	5		5	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5		5	5			5	5	4/4/2001	semiannual	47
Oct-01	5		5	5			5	5	10/18/2001	semiannual	48
Apr-02	5		5	5			5	5	4/18/2002	semiannual	49
Oct-02	5		5	5			5	5	10/3/2002	semiannual	50
Apr-03	5		5	5			5	5	4/25/2003	semiannual	51
Oct-03	5		5	5			5	5	10/3/2003	semiannual	52
Apr-04	5		5	5			5	5	4/1/2004	semiannual	53
Oct-04	5		5	5			5	5	10/19/2004	semiannual	54
Apr-05	5		5	5			5	5	4/22/2005	semiannual	55
Oct-05	5		5	5			5	5	10/7/2005	semiannual	56
May-06	5.8		5	5			5.4	5.4	5/11/2006	semiannual	57
Oct-06	5.8		5	5			5.8	5.8	10/18/2006	semiannual	58
May-07	5.8		5	5			5.8	5.8	5/22/2007	semiannual	59
Oct-07	5.8		5	5			5.8	5.8	10/25/2007	semiannual	60
May-08	5.8		5	5			5.8	5.8	5/13/2008	semiannual	61
Oct-08	5.8		5	5			5.8	5.8	10/23/2008	semiannual	62
May-09	5		5	5			5.4	5.4	5/12/2009	semiannual	63
Oct-09	5		5	5			5	5	10/29/2009	semiannual	64
May-10	5		5	5			5	5	5/20/2010	semiannual	65
Oct-10	5		5	5			5	5	10/18/2010	semiannual	66
Jun-11	2		5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5		5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2		5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2		5	2			2	2	10/11/2012	semiannual	70
May-13	2		5	2			2	2	5/17/2013	semiannual	71
Oct-13	2		5	2			2	2	10/11/2013	semiannual	72
May-14	10		5	2			6	6	5/5/2014	semiannual	73
Oct-14	2		5	2			6	6	10/6/2014	semiannual	74
Jul-15	1		5	2			1.5	1.5	7/9/2015	annual	75


MOVING AVERAGE TREND TEST
VDM-14
METHYLENE CHLORIDE
PPB
120
100
80
60
40
20
0
Oct-85
Jan-90
Apr-94
Jul-98
Oct-02
Jan-07
Apr-11
Jul-15
METHYLENE CHLORIDE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

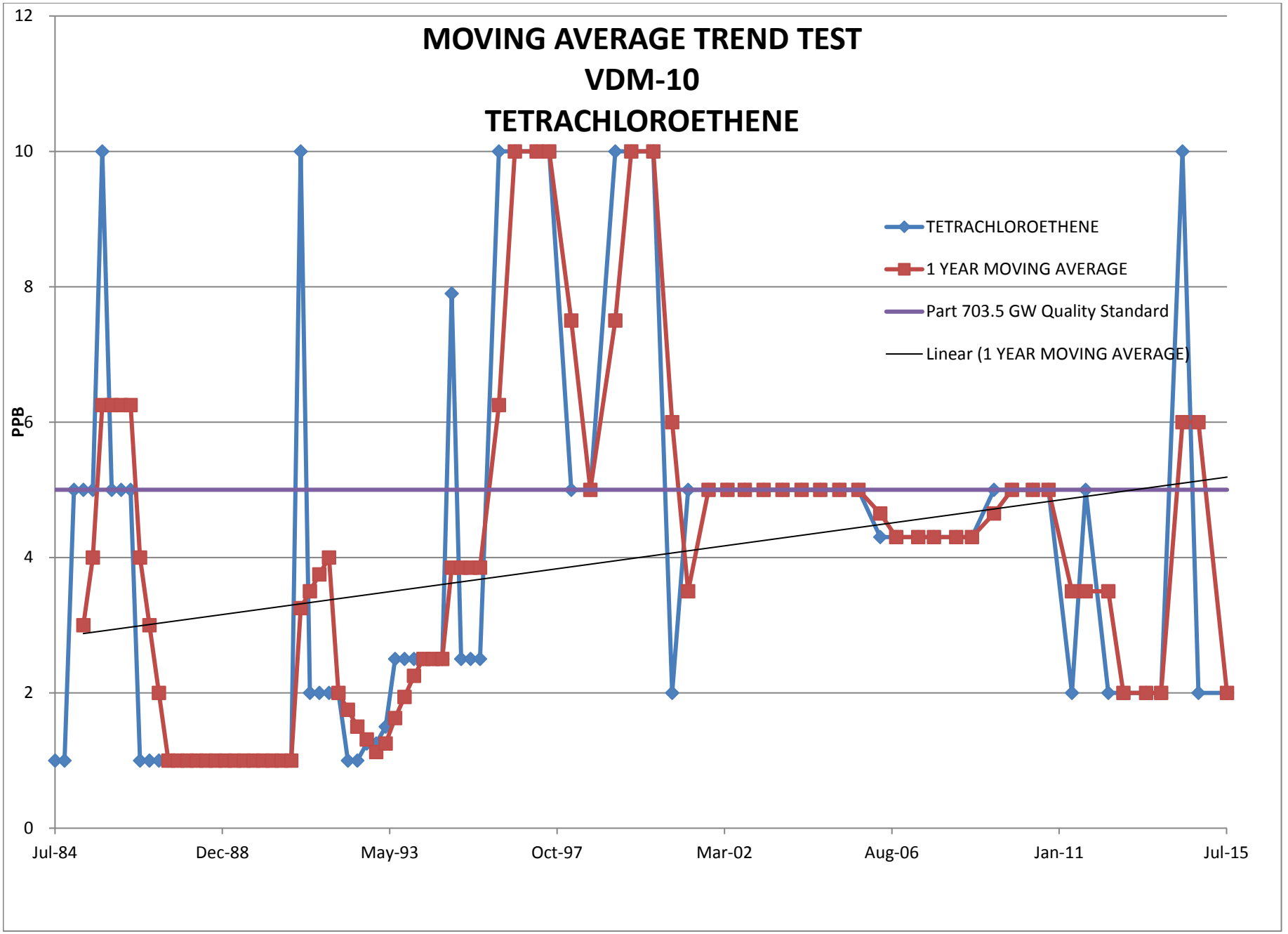
WELL VDM - 14 : METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	1		5	5	TOTAL STD	14.86314					1
Jan-86	1		5	5	TOTAL Sx	1.693812					2
Apr-86	22		5	5	TOTAL MEAN	10.56256					3
Jul-86	28		5	5	TOTAL N	78	13.00				4
Oct-86	2		5	5	TOTAL df	77	13.25				5
Jan-87	2		5	5			13.50				6
Apr-87	1.2		5	5			8.30				7
Jul-87	2		5	5			1.80				8
Oct-87	1		5	5			1.55				9
Jan-88	1		5	5			1.30				10
Apr-88	10		5	5			3.50				11
Jul-88	1		5	5			3.25				12
Oct-88	50		5	5			15.50				13
Jan-89	2		5	5			15.75				14
Apr-89	1		5	5			13.50				15
Jul-89	2		5	5			13.75				16
Oct-89	1		5	5			1.50				17
Jan-90	2		5	5			1.50				18
Apr-90	3.6		5	5			2.15				19
Jul-90	5.7		5	5			3.08				20
Oct-90	2		5	5			3.33				21
Jan-91	2.5		5	5			3.45				22
Apr-91	8.32		5	5			4.63				23
Jul-91	3		5	5			3.96				24
Oct-91	1.5		5	5			3.83				25
Jan-92	3		5	5			3.96				26
Apr-92	1.5		5	5			2.25				27
Jul-92	1.5		5	5			1.88				28
Oct-92	1.5		5	5			1.88				29
Jan-93	1.5		5	5			1.50				30
Apr-93	1.5		5	5			1.50				31
Jul-93	3.5		5	5			2.00				32
Oct-93	3.8		5	5			2.58				33
Jan-94	3.8		5	5			3.15				34
Apr-94	1.5		5	5			3.15				35
Jul-94	1.5		5	5			2.65				36
Oct-94	1.5		5	5			2.08				37
Jan-95	1.5		5	5			1.50				38
Apr-95	11		5	5			3.88				39
Jul-95	12		5	5			6.50				40
Oct-95	16		5	5			10.13				41
Apr-96	10		5	10			12				42
Sep-96	21		5	10			15.5	15.5	9/17/1996	semiannual	43
Apr-97	10		5	10			15.5	15.5	4/3/1997	semiannual	44
Aug-97	*10*		5	100			10	10	8/27/1997	semiannual	45
Mar-98	4.7		5	5			7.35	7.35	3/24/1998	semiannual	46
Sep-98	20		5	5			12.35	12.35	9/22/1998	semiannual	47
May-99	10		5	10			15	15	5/11/1999	semiannual	48
Oct-99	32		5	10			21	21	10/5/1999	semiannual	49
Nov-00	19		5	5			25.5	25.5	11/28/2000	semiannual	50
Apr-01	4		5	5			11.5	11.5	4/4/2001	semiannual	51
Oct-01	9		5	5			6.5	6.5	10/18/2001	semiannual	52
Apr-02	2		5	5			5.5	5.5	4/18/2002	semiannual	53
Oct-02	19		5	25			10.5	10.5	10/3/2002	semiannual	54
Apr-03	7		5	10			13	13	4/25/2003	semiannual	55
Oct-03	12		5	5			9.5	9.5	10/3/2003	semiannual	56
Apr-04	7		5	10			9.5	9.5	4/1/2004	semiannual	57
Oct-04	15		5	10			11	11	10/19/2004	semiannual	58
Apr-05	8		5	10			11.5	11.5	4/22/2005	semiannual	59
Oct-05	20		5	10			14	14	10/7/2005	semiannual	60
May-06	23.1		5	10			21.55	21.55	5/11/2006	semiannual	61
Oct-06	20		5	10			21.55	21.55	10/18/2006	semiannual	62
May-07	106		5	10			63	63	5/22/2007	semiannual	63
Oct-07	27.1		5	10			66.55	66.55	10/25/2007	semiannual	64
Oct-08	11.7		5	10			19.4	19.4	10/23/2008	semiannual	65
May-09	25		5	25			18.35	18.35	5/12/2009	semiannual	66
Oct-09	7.05		5	25			16.025	16.025	10/29/2009	semiannual	67
May-10	5.68		5	25			6.365	6.365	5/20/2010	semiannual	68
Oct-10	9.83		5	25			7.755	7.755	10/18/2010	semiannual	69
Jun-11	20		5	20			14.915	14.915	6/2/2011	semiannual	70
Oct-11	50		5	50			35	35	10/12/2011	semiannual	71
May-12	7.7		5	2			28.85	28.85	5/18/2012	semiannual	72
Oct-12	14		5	2			10.85	10.85	10/11/2012	semiannual	73
May-13	4.6		5	2			9.3	9.3	5/17/2013	semiannual	74
Oct-13	6.4		5	2			5.5	5.5	10/11/2013	semiannual	75
May-14	10		5	10			8.2	8.2	5/5/2014	semiannual	76
Oct-14	9.7		5	2			9.85	9.85	10/6/2014	semiannual	77
Jul-15	2.9		5	2			6.3	6.3	7/9/2015	annual	78


MOVING AVERAGE TREND TEST
VDM-9
TETRACHLOROETHENE
PPB
350
300
250
200
150
100
50
0
Jul-87
Mar-92
Oct-96
Jul-01
Mar-06
Nov-10
Jul-15
TETRACHLOROEHTENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 9 : TETRACHLOROETHENE

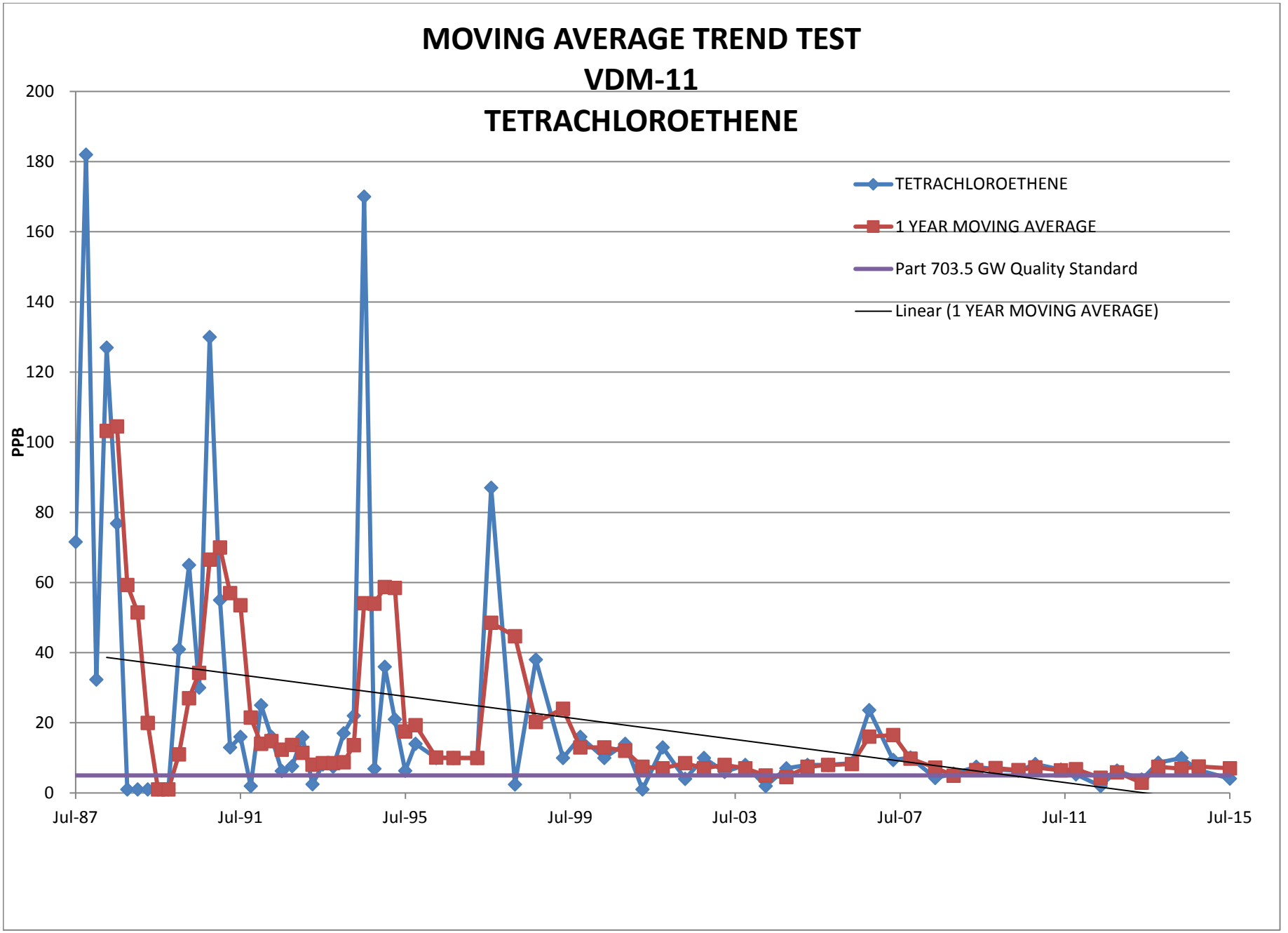
SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87			5	5	TOTAL STD	56.8145					1
Apr-87			5	5	TOTAL Sx	6.742641					2
Jul-87	46		5	5	TOTAL MEAN	87.01111					3
Oct-87	141		5	5	TOTAL N	72					4
Jan-88	51		5	5	TOTAL df	71					5
Apr-88	62		5	5			75.00				6
Jul-88	87		5	5			85.25				7
Oct-88	290		5	5			122.50				8
Jan-89	64		5	5			125.75				9
Apr-89	12		5	5			113.25				10
Jul-89	29		5	5			98.75				11
Oct-89	100		5	5			51.25				12
Jan-90	57		5	5			49.50				13
Apr-90	1		5	5			46.75				14
Jul-90	110		5	5			67.00				15
Oct-90	124		5	5			73.00				16
Jan-91	110		5	5			86.25				17
Apr-91	110		5	5			113.50				18
Jul-91	67		5	5			102.75				19
Oct-91	52		5	5			84.75				20
Jan-92	91		5	5			80.00				21
Apr-92	130		5	5			85.00				22
Jul-92	149		5	5			105.50				23
Oct-92	91		5	5			115.25				24
Jan-93	71.6		5	5			110.40				25
Apr-93	159		5	5			117.65				26
Jul-93	190		5	5			127.90				27
Oct-93	86		5	5			126.65				28
Jan-94	94		5	5			132.25				29
Apr-94	140		5	5			127.50				30
Jul-94	12		5	5			83.00				31
Oct-94	120		5	5			91.50				32
Jan-95	230		5	5			125.50				33
Apr-95	300		5	5			165.50				34
Jul-95	120		5	5			192.50				35
Oct-95	170		5	5			205.00				36
Apr-96	130		5	5			137.5	137.5	04/01/96	semiannual	37
Sep-96	130		5	10			130	130	09/17/96	semiannual	38
Apr-97	150		5	10			140	140	04/03/97	semiannual	39
Aug-97	110		5	10			130	130	08/27/97	semiannual	40
Mar-98	96		5	5			103	103	03/24/98	semiannual	41
Sep-98	54		5	5			75	75	09/22/98	semiannual	42
May-99	96		5	10			75	75	05/11/99	semiannual	43
Sep-99	101		5	10			98.5	98.5	09/29/99	semiannual	44
May-00	96		5	10			98.5	98.5	05/16/00	semiannual	45
Nov-00	81		5	5			88.5	88.5	11/28/00	semiannual	46
Apr-01	71		5	5			76	76	04/04/01	semiannual	47
Oct-01	110		5	5			90.5	90.5	10/18/01	semiannual	48
Apr-02	62		5	5			86	86	04/18/02	semiannual	49
Oct-02	53		5	5			57.5	57.5	10/03/02	semiannual	50
Apr-03	56		5	5			54.5	54.5	04/25/03	semiannual	51
Oct-03	64		5	5			60	60	10/03/03	semiannual	52
Apr-04	51		5	5			57.5	57.5	04/01/04	semiannual	53
Oct-04	74		5	5			62.5	62.5	10/19/04	semiannual	54
Apr-05	53		5	5			63.5	63.5	04/22/05	semiannual	55
Oct-05	91		5	5			72	72	10/07/05	semiannual	56
May-06	72.9		5	5			81.95	81.95	05/11/06	semiannual	57
Oct-06	92.6		5	5			82.75	82.75	10/18/06	semiannual	58
May-07	78.8		5	5			85.7	85.7	05/22/07	semiannual	59
Oct-07	105		5	5			91.9	91.9	10/25/07	semiannual	60
May-08	71.6		5	5			88.3	88.3	05/13/08	semiannual	61
May-09	54.2		5	5			62.9	62.9	05/12/09	semiannual	63
Oct-09	47.5		5	5			50.85	50.85	10/29/09	semiannual	64
May-10	44.2		5	5			45.85	45.85	05/20/10	semiannual	65
Oct-10	53.8		5	5			49	49	10/18/10	semiannual	66
Jun-11	40.7		5	5			47.25	47.25	06/02/11	semiannual	67
Oct-11	41		5	5			40.85	40.85	10/12/11	semiannual	68
May-12	31.6		5	2			36.3	36.3	05/18/12	semiannual	69
Oct-12	36.5		5	2			34.05	34.05	10/11/12	semiannual	70
May-13	26.8		5	2			31.65	31.65	05/17/13	semiannual	71
Oct-13	52.1		5	2			39.45	39.45	10/11/13	semiannual	72
Jun-14	4.8		5	2			28.45	28.45	06/20/14	semiannual	73
Oct-14	9.6		5	2			7.2	7.2	10/06/14	semiannual	74
Jul-15	5.5		5	2			7.55	7.55	07/09/15	annual	75


MOVING AVERAGE TREND TEST
VDM-10
TETRACHLOROETHENE
PPB
12
10
8
6
4
2
0
Jul-84
Dec-88
May-93
Oct-97
Mar-02
Aug-06
Jan-11
Jul-15
TETRACHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 10 : TETRACHLOROETHENE

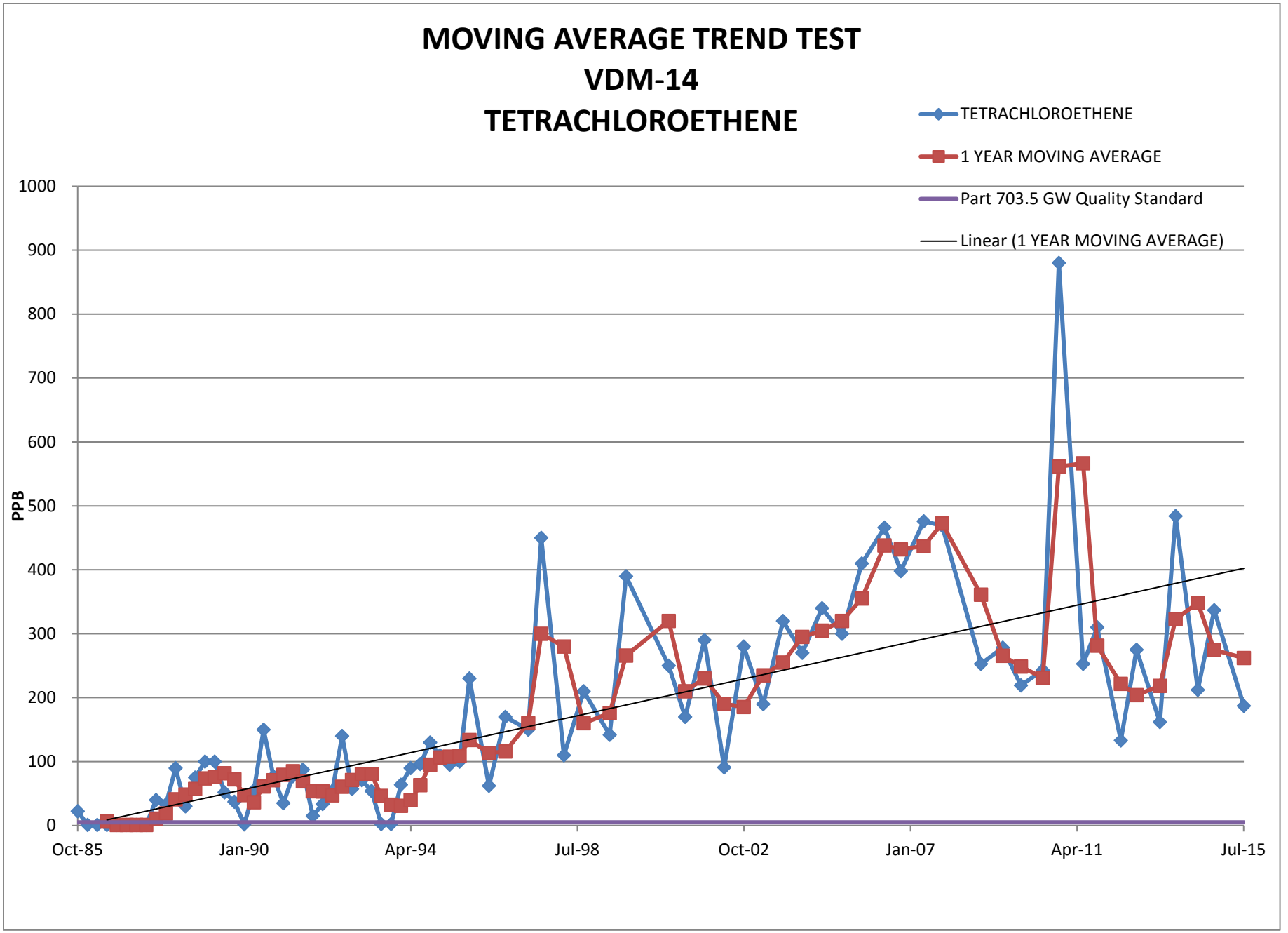
WELL VDM - 10 : TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-			-	----------	-	-				-
Jul-84	1		5	5	TOTAL STD	2.8133354					1
Oct-84	1		5	5	TOTAL Sx	0.30696006					2
Jan-85	5		5	5	TOTAL MEAN	3.76705882					3
Apr-85	5		5	5	TOTAL N	85	3.00				4
Jul-85	5		5	5	TOTAL df	84	4.00				5
Oct-85	10		5	5			6.25				6
Jan-86	5		5	5			6.25				7
Apr-86	5		5	5			6.25				8
Jul-86	5		5	5			6.25				9
Oct-86	1		5	5			4.00				10
Jan-87	1		5	5			3.00				11
Apr-87	1		5	5			2.00				12
Jul-87	1		5	5			1.00				13
Oct-87	1		5	5			1.00				14
Jan-88	1		5	5			1.00				15
Apr-88	1		5	5			1.00				16
Jul-88	1		5	5			1.00				17
Oct-88	1		5	5			1.00				18
Jan-89	1		5	5			1.00				19
Apr-89	1		5	5			1.00				20
Jul-89	1		5	5			1.00				21
Oct-89	1		5	5			1.00				22
Jan-90	1		5	5			1.00				23
Apr-90	1		5	5			1.00				24
Jul-90	1		5	5			1.00				25
Oct-90	1		5	5			1.00				26
Jan-91	10		5	5			3.25				27
Apr-91	2		5	5			3.50				28
Jul-91	2		5	5			3.75				29
Oct-91	2		5	5			4.00				30
Jan-92	2		5	5			2.00				31
Apr-92	1		5	5			1.75				32
Jul-92	1		5	5			1.50				33
Oct-92	1.25		5	5			1.31				34
Jan-93	1.25		5	5			1.13				35
Apr-93	1.5		5	5			1.25				36
Jul-93	2.5		5	5			1.63				37
Oct-93	2.5		5	5			1.94				38
Jan-94	2.5		5	5			2.25				39
Apr-94	2.5		5	5			2.50				40
Jul-94	2.5		5	5			2.50				41
Oct-94	2.5		5	5			2.50				42
Jan-95	7.9		5	5			3.85				43
Apr-95	2.5		5	5			3.85				44
Jul-95	2.5		5	5			3.85				45
Oct-95	2.5		5	2.5			3.85				46
Apr-96	10		5	10			6.25				47
Sep-96	10		5	10			10	10	09/17/96	semiannual	48
Apr-97	10		5	10			10	10	04/03/97	semiannual	49
Aug-97	10		5	10			10	10	08/27/97	semiannual	50
Mar-98	5		5	5			7.5	7.5	03/24/98	semiannual	51
Sep-98	5		5	5			5	5	09/22/98	semiannual	52
May-99	10		5	10			7.5	7.5	05/11/99	semiannual	53
Oct-99	10		5	10			10	10	10/05/99	semiannual	54
May-00	10		5	10			10	10	05/16/00	semiannual	55
Nov-00	2		5	5			6	6	11/28/00	semiannual	56
Apr-01	5		5	5			3.5	3.5	04/04/01	semiannual	57
Oct-01	5		5	5			5	5	10/18/01	semiannual	58
Apr-02	5		5	5			5	5	04/18/02	semiannual	59
Oct-02	5		5	5			5	5	10/03/02	semiannual	60
Apr-03	5		5	5			5	5	04/25/03	semiannual	61
Oct-03	5		5	5			5	5	10/03/03	semiannual	62
Apr-04	5		5	5			5	5	04/01/04	semiannual	63
Oct-04	5		5	5			5	5	10/19/04	semiannual	64
Apr-05	5		5	5			5	5	04/22/05	semiannual	65
Oct-05	5		5	5			5	5	10/07/05	semiannual	66
May-06	4.3		5	5			4.65	4.65	05/11/06	semiannual	67
Oct-06	4.3		5	5			4.3	4.3	10/18/06	semiannual	68
May-07	4.3		5	5			4.3	4.3	05/22/07	semiannual	69
Oct-07	4.3		5	5			4.3	4.3	10/25/07	semiannual	70
May-08	4.3		5	5			4.3	4.3	05/13/08	semiannual	71
Oct-08	4.3		5	5			4.3	4.3	10/23/08	semiannual	72
May-09	5		5	5			4.65	4.65	05/09/09	semiannual	73
Oct-09	5		5	5			5	5	10/29/09	semiannual	74
May-10	5		5	5			5	5	05/20/10	semiannual	75
Oct-10	5		5	5			5	5	10/18/10	semiannual	76
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2		5	2			2	2	10/11/12	semiannual	80
May-13	2		5	2			2	2	05/17/13	semiannual	81
Oct-13	2		5	2			2	2	10/11/13	semiannual	82
May-14	10		5	10			6	6	05/05/14	semiannual	83
Oct-14	2		5	2			6	6	10/06/14	semiannual	84
Jul-15	2		5	2			2	2	07/09/15	annual	85


MOVING AVERAGE TREND TEST
VDM-11
TETRACHLOROETHENE
PPB
200
180
160
140
120
100
80
60
40
20
0
Jul-87
Jul-91
Jul-95
Jul-99
Jul-03
Jul-07
Jul-11
Jul-15
TETRACHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

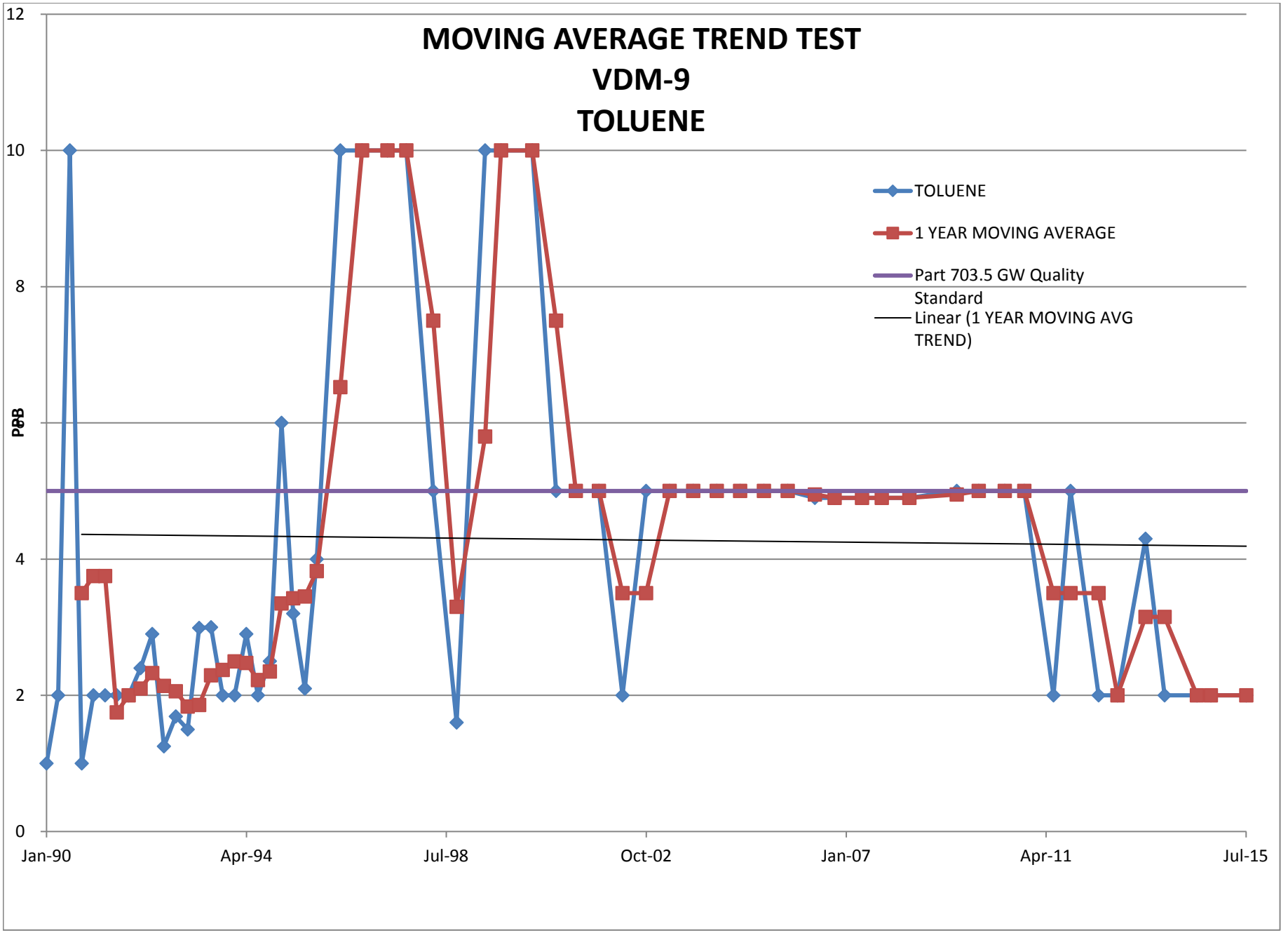
WELL VDM - 11 : TETRACHLOROETHENE

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87			5	5	TOTAL STD	36.3344					1
Apr-87			5	5	TOTAL Sx	4.2821					2
Jul-87	71.6		5	5	TOTAL MEAN	22.5571					3
Oct-87	182		5	5	TOTAL N	73					4
Jan-88	32.3		5	5	TOTAL df	72					5
Apr-88	127		5	5			103.23				6
Jul-88	76.8		5	5			104.53				7
Oct-88	1		5	5			59.28				8
Jan-89	1		5	5			51.45				9
Apr-89	1		5	5			19.95				10
Jul-89	1		5	5			1.00				11
Oct-89	1		5	5			1.00				12
Jan-90	41		5	5			11.00				13
Apr-90	65		5	5			27.00				14
Jul-90	30		5	5			34.25				15
Oct-90	130		5	5			66.50				16
Jan-91	55		5	5			70.00				17
Apr-91	13		5	5			57.00				18
Jul-91	16		5	5			53.50				19
Oct-91	2		5	5			21.50				20
Jan-92	25		5	5			14.00				21
Apr-92	16		5	5			14.75				22
Jul-92	6.25		5	5			12.31				23
Oct-92	7.58		5	5			13.71				24
Jan-93	15.9		5	5			11.43				25
Apr-93	2.5		5	5			8.06				26
Jul-93	8.1		5	5			8.52				27
Oct-93	7.5		5	5			8.50				28
Jan-94	17		5	5			8.78				29
Apr-94	22		5	5			13.65				30
Jul-94	170		5	5			54.13				31
Oct-94	6.9		5	5			53.98				32
Jan-95	36		5	5			58.73				33
Apr-95	21		5	5			58.48				34
Jul-95	6.3		5	5			17.55				35
Oct-95	14		5	2.5			19.33				36
Apr-96	10		5	10			10.075				37
Sep-96	10		5	10			10	10	9/17/1996	semiannual	38
Apr-97	10		5	10			10	10	4/3/1997	semiannual	39
Aug-97	87		5	10			48.5	48.5	8/27/1997	semiannual	40
Mar-98	2.4		5	5			44.7	44.7	3/24/1998	semiannual	41
Sep-98	38		5	5			20.2	20.2	9/22/1998	semiannual	42
May-99	10		5	10			24	24	5/11/1999	semiannual	43
Oct-99	16		5	10			13	13	10/5/1999	semiannual	44
May-00	10		5	10			13	13	5/16/2000	semiannual	45
Nov-00	14		5	5			12	12	11/28/2000	semiannual	46
Apr-01	1		5	5			7.5	7.5	4/4/2001	semiannual	47
Oct-01	13		5	5			7	7	10/18/2001	semiannual	48
Apr-02	4		5	5			8.5	8.5	4/18/2002	semiannual	49
Oct-02	10		5	5			7	7	10/3/2002	semiannual	50
Apr-03	6		5	5			8	8	4/25/2003	semiannual	51
Oct-03	8		5	5			7	7	10/3/2003	semiannual	52
Apr-04	2		5	5			5	5	4/1/2004	semiannual	53
Oct-04	7		5	5			4.5	4.5	10/19/2004	semiannual	54
Apr-05	8		5	5			7.5	7.5	4/22/2005	semiannual	55
Oct-05	8		5	5			8	8	10/7/2005	semiannual	56
May-06	8.51		5	5			8.255	8.255	5/11/2006	semiannual	57
Oct-06	23.6		5	5			16.055	16.055	10/18/2006	semiannual	58
May-07	9.4		5	5			16.5	16.5	5/22/2007	semiannual	59
Oct-07	10.1		5	5			9.75	9.75	10/25/2007	semiannual	60
May-08	4.3		5	5			7.2	7.2	5/13/2008	semiannual	61
Oct-08	5.5		5	5			4.9	4.9	10/23/2008	semiannual	62
May-09	7.5		5	5			6.5	6.5	5/12/2009	semiannual	63
Oct-09	6.73		5	5			7.115	7.115	10/29/2009	semiannual	64
May-10	6.32		5	5			6.525	6.525	5/20/2010	semiannual	65
Oct-10	8.26		5	5			7.29	7.29	10/18/2010	semiannual	66
Jun-11	6.62		5	5			6.47	6.47	6/2/2011	semiannual	67
Oct-11	5.3		5	5			6.78	6.78	10/12/2011	semiannual	68
May-12	2		5	2			4.31	4.31	5/18/2012	semiannual	69
Oct-12	6.4		5	2			5.85	5.85	10/11/2012	semiannual	70
May-13	3.8		5	3.8			2.9	2.9	5/17/2013	semiannual	71
Oct-13	8.6		5	2			7.5	7.5	10/11/2013	semiannual	72
May-14	10		5	10			6.9	6.9	5/5/2014	semiannual	73
Oct-14	6.5		5	2			7.55	7.55	10/6/2014	semiannual	74
Jul-15	4.1		5	2			7.05	7.05	7/9/2015	annual	75


MOVING AVERAGE TREND TEST
VDM-14
TETRACHLOROETHENE
TETRACHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)
PPB
1000
900
800
700
600
500
400
300
200
100
0
Oct-85
Jan-90
Apr-94
Jul-98
Oct-02
Jan-07
Apr-11
Jul-15

WELL VDM - 14 : TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	22.4		5	5	TOTAL STD	158.1036					1
Jan-86	1		5	5	TOTAL Sx	18.01757					2
Apr-86	1		5	5	TOTAL MEAN	167.2372					3
Jul-86	1		5	5	TOTAL N	78	6.35				4
Oct-86	1		5	5	TOTAL df	77	1.00				5
Jan-87	1		5	5			1.00				6
Apr-87	1		5	5			1.00				7
Jul-87	1		5	5			1.00				8
Oct-87	40		5	5			10.75				9
Jan-88	33		5	5			18.75				10
Apr-88	90		5	5			41.00				11
Jul-88	30		5	5			48.25				12
Oct-88	75		5	5			57.00				13
Jan-89	100		5	5			73.75				14
Apr-89	100		5	5			76.25				15
Jul-89	52		5	5			81.75				16
Oct-89	37		5	5			72.25				17
Jan-90	2		5	5			47.75				18
Apr-90	55		5	5			36.50				19
Jul-90	150		5	5			61.00				20
Oct-90	77		5	5			71.00				21
Jan-91	35		5	5			79.25				22
Apr-91	77.1		5	5			84.78				23
Jul-91	87.3		5	5			69.10				24
Oct-91	15		5	5			53.60				25
Jan-92	33.7		5	5			53.28				26
Apr-92	54		5	5			47.50				27
Jul-92	140		5	5			60.68				28
Oct-92	57		5	5			71.18				29
Jan-93	71		5	5			80.50				30
Apr-93	54		5	5			80.50				31
Jul-93	2.5		5	5			46.13				32
Oct-93	2.5		5	5			32.50				33
Jan-94	64		5	5			30.75				34
Apr-94	90		5	5			39.75				35
Jul-94	96		5	5			63.13				36
Oct-94	130		5	5			95.00				37
Jan-95	110		5	5			106.50				38
Apr-95	95		5	5			107.75				39
Jul-95	100		5	5			108.75				40
Oct-95	230		5	5			133.75				41
Apr-96	62		5	5			113.5				42
Sep-96	170		5	10			116	116	9/17/1996	semiannual	43
Apr-97	150		5	10			160	160	4/3/1997	semiannual	44
Aug-97	450		5	100			300	300	8/27/1997	semiannual	45
Mar-98	110		5	5			280	280	3/24/1998	semiannual	46
Sep-98	210		5	5			160	160	9/22/1998	semiannual	47
May-99	142		5	10			176	176	5/11/1999	semiannual	48
Oct-99	390		5	10			266	266	10/5/1999	semiannual	49
Nov-00	250		5	5			320	320	11/28/2000	semiannual	50
Apr-01	170		5	5			210	210	4/4/2001	semiannual	51
Oct-01	290		5	5			230	230	10/18/2001	semiannual	52
Apr-02	91		5	5			190.5	190.5	4/18/2002	semiannual	53
Oct-02	280		5	25			185.5	185.5	10/3/2002	semiannual	54
Apr-03	190		5	10			235	235	4/25/2003	semiannual	55
Oct-03	320		5	5			255	255	10/3/2003	semiannual	56
Apr-04	270		5	5			295	295	4/1/2004	semiannual	57
Oct-04	340		5	5			305	305	10/19/2004	semiannual	58
Apr-05	300		5	5			320	320	4/22/2005	semiannual	59
Oct-05	410		5	5			355	355	10/7/2005	semiannual	60
May-06	466		5	5			438	438	5/11/2006	semiannual	61
Oct-06	398		5	5			432	432	10/18/2006	semiannual	62
May-07	476		5	5			437	437	5/22/2007	semiannual	63
Oct-07	469		5	5			472.5	472.5	10/25/2007	semiannual	64
Oct-08	253		5	5			361	361	10/23/2008	semiannual	65
May-09	278		5	25			265.5	265.5	5/12/2009	semiannual	66
Oct-09	219		5	25			248.5	248.5	10/29/2009	semiannual	67
May-10	243		5	25			231	231	5/20/2010	semiannual	68
Oct-10	880		5	25			561.5	561.5	10/18/2010	semiannual	69
Jun-11	253		5	25			566.5	566.5	6/2/2011	semiannual	70
Oct-11	310		5	25			281.5	281.5	10/12/2011	semiannual	71
May-12	133		5	2			221.5	221.5	5/18/2012	semiannual	72
Oct-12	275		5	2			204	204	10/11/2012	semiannual	73
May-13	162		5	2			218.5	218.5	5/17/2013	semiannual	74
Oct-13	484		5	2			323	323	10/11/2013	semiannual	75
May-14	212		5	2			348	348	5/5/2014	semiannual	76
Oct-14	337		5	2			274.5	274.5	10/6/2014	semiannual	77
Jul-15	187		5	2			262	262	7/9/2015	annual	78


MOVING AVERAGE TREND TEST
VDM-9
TOLUENE
PPB
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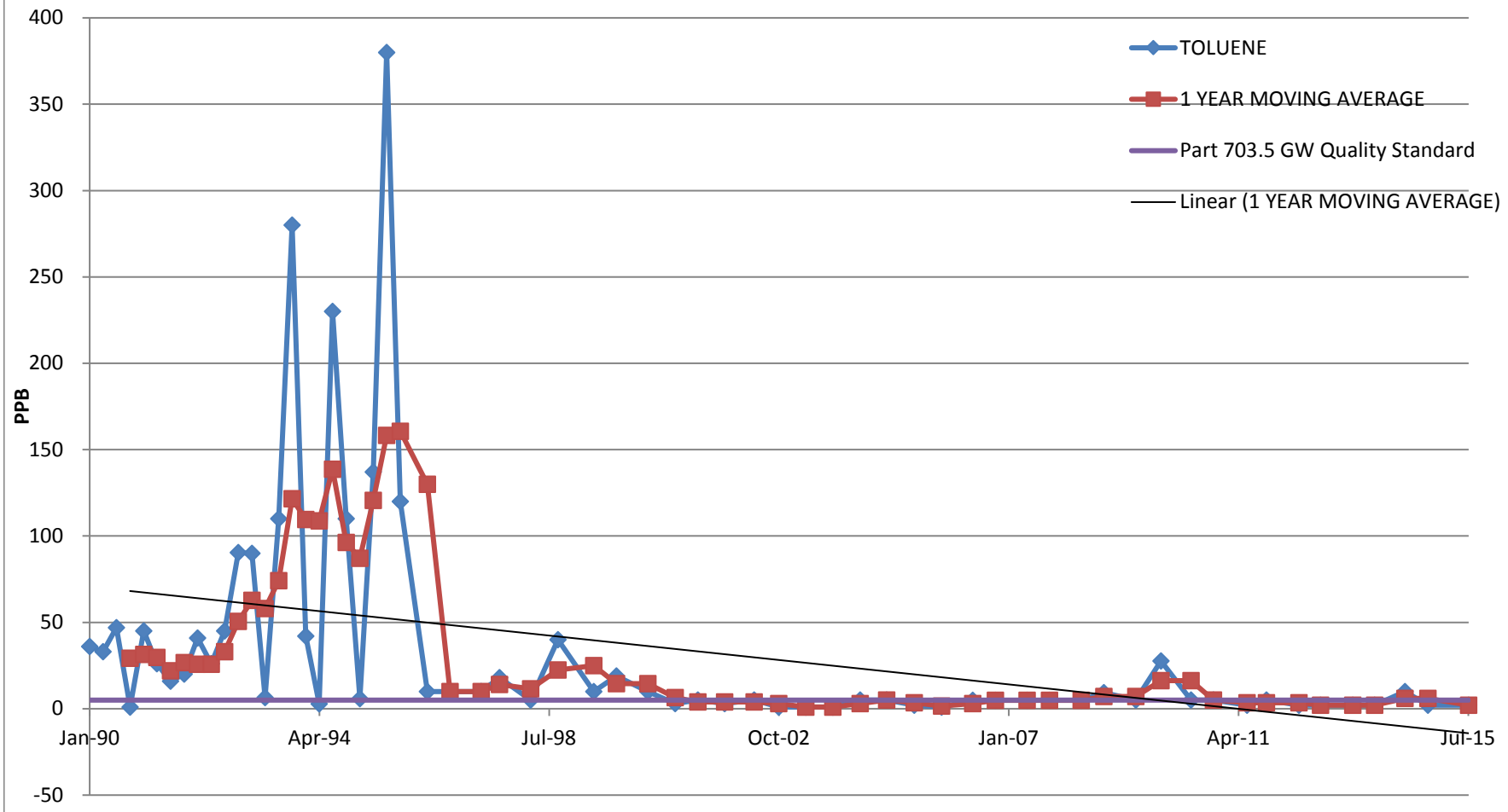
Jan-90
Apr-94
Jul-98
Oct-02
Jan-07
Apr-11
Jul-15
TOLUENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVG TREND)

WELL VDM - 9 : TOLUENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87			5		TOTAL STD	2.633205					1
Apr-87			5		TOTAL Sx	0.337147					2
Jul-87			5		TOTAL MEAN	4.206935					3
Oct-87			5		TOTAL N	62					4
Jan-88			5		TOTAL df	61					5
Apr-88			5								6
Jul-88			5								7
Oct-88			5								8
Jan-89			5								9
Apr-89			5								10
Jul-89			5								11
Oct-89			5								12
Jan-90	1		5	5							13
Apr-90	2		5	5							14
Jul-90	10		5	5							15
Oct-90	1		5	5			3.50				16
Jan-91	2		5	5			3.75				17
Apr-91	2		5	5			3.75				18
Jul-91	2		5	5			1.75				19
Oct-91	2		5	5			2.00				20
Jan-92	2.4		5	5			2.10				21
Apr-92	2.9		5	5			2.33				22
Jul-92	1.25		5	5			2.14				23
Oct-92	1.69		5	5			2.06				24
Jan-93	1.5		5	5			1.84				25
Apr-93	2.99		5	5			1.86				26
Jul-93	3		5	5			2.30				27
Oct-93	2		5	5			2.37				28
Jan-94	2		5	5			2.50				29
Apr-94	3		5	5			2.48				30
Jul-94	2.0		5	5			2.23				31
Oct-94	2.5		5	5			2.35				32
Jan-95	6		5	5			3.35				33
Apr-95	3.2		5	5			3.43				34
Jul-95	2.1		5	5			3.45				35
Oct-95	4		5	4			3.83				36
Apr-96	10		5	10			6.525	6.525			37
Sep-96	10		5	10			10	10	09/17/96	semiannual	38
Apr-97	10		5	10			10	10	04/03/97	semiannual	39
Aug-97	10		5	10			10	10	08/27/97	semiannual	40
Mar-98	5		5	5			7.5	7.5	03/24/98	semiannual	41
Sep-98	1.6		5	5			3.3	3.3	09/22/98	semiannual	42
May-99	10		5	10			5.8	5.8	05/11/99	semiannual	43
Sep-99	10		5	10			10	10	09/29/99	semiannual	44
May-00	10		5	10			10	10	05/16/00	semiannual	45
Nov-00	5		5	5			7.5	7.5	11/28/00	semiannual	46
Apr-01	5		5	5			5	5	04/04/01	semiannual	47
Oct-01	5		5	5			5	5	10/18/01	semiannual	48
Apr-02	2		5	5			3.5	3.5	04/18/02	semiannual	49
Oct-02	5		5	5			3.5	3.5	10/03/02	semiannual	50
Apr-03	5		5	5			5	5	04/25/03	semiannual	51
Oct-03	5		5	5			5	5	10/03/03	semiannual	52
Apr-04	5		5	5			5	5	04/01/04	semiannual	53
Oct-04	5		5	5			5	5	10/19/04	semiannual	54
Apr-05	5		5	5			5	5	04/22/05	semiannual	55
Oct-05	5		5	5			5	5	10/07/05	semiannual	56
May-06	4.9		5	5			4.95	4.95	05/11/06	semiannual	57
Oct-06	4.9		5	5			4.9	4.9	10/10/06	semiannual	58
May-07	4.9		5	5			4.9	4.9	05/22/07	semiannual	59
Oct-07	4.9		5	5			4.9	4.9	10/25/07	semiannual	60
May-08	4.9		5	5			4.9	4.9	05/13/08	semiannual	61
May-09	5		5	5			4.95	4.95	05/12/09	semiannual	63
Oct-09	5		5	5			5	5	10/29/09	semiannual	64
May-10	5		5	5			5	5	05/20/10	semiannual	65
Oct-10	5		5	5			5	5	10/18/10	semiannual	66
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	67
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	68
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	69
Oct-12	2		5	2			2	2	10/11/12	semiannual	70
May-13	4.3		5	2			3.15	3.15	05/17/13	semiannual	71
Oct-13	2		5	2			3.15	3.15	10/11/13	semiannual	72
Jun-14	2		5	2			2	2	06/20/14	semiannual	73
Oct-14	2		5	2			2	2	10/06/14	semiannual	74
Jul-15	2		5	2			2	2	07/09/15	annual	75

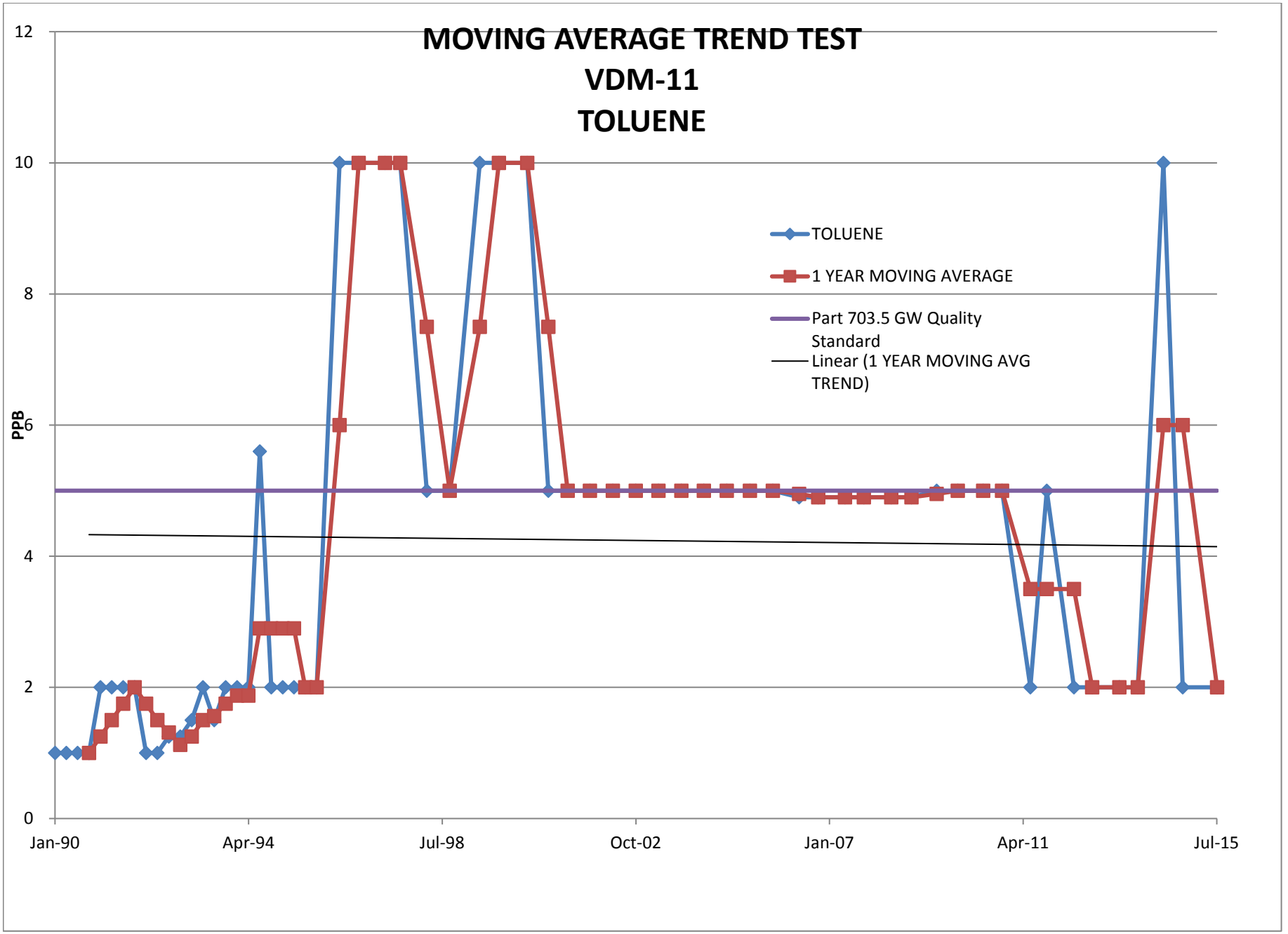
MOVING AVERAGE TREND TET
VDM-10
TOLUENE



WELL VDM - 10 : TOLUENE

WELL VDM - 10 : TOLUENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-			-	----------	-	-				-
Jul-84			5	5	TOTAL STD	67.8589446					1
Oct-84			5	5	TOTAL Sx	8.61809458					2
Jan-85			5	5	TOTAL MEAN	35.0825397					3
Apr-85			5	5	TOTAL N	63					4
Jul-85			5	5	TOTAL df	62					5
Oct-85			5	5							6
Jan-86			5	5							7
Apr-86			5	5							8
Jul-86			5	5							9
Oct-86			5	5							10
Jan-87			5	5							11
Apr-87			5	5							12
Jul-87			5	5							13
Oct-87			5	5							14
Jan-88			5	5							15
Apr-88			5	5							16
Jul-88			5	5							17
Oct-88			5	5							18
Jan-89			5	5							19
Apr-89			5	5							20
Jul-89			5	5							21
Oct-89			5	5							22
Jan-90	36		5	5							23
Apr-90	33		5	5							24
Jul-90	47		5	5							25
Oct-90	1		5	5			29.25				26
Jan-91	45		5	5			31.50				27
Apr-91	26		5	5			29.75				28
Jul-91	16		5	5			22.00				29
Oct-91	20		5	5			26.75				30
Jan-92	41		5	5			25.75				31
Apr-92	26		5	5			25.75				32
Jul-92	45		5	5			33.00				33
Oct-92	90.4		5	5			50.60				34
Jan-93	89.9		5	5			62.83				35
Apr-93	6.5		5	5			57.95				36
Jul-93	110		5	5			74.20				37
Oct-93	280		5	5			121.60				38
Jan-94	42		5	5			109.63				39
Apr-94	2.9		5	5			108.73				40
Jul-94	230		5	5			138.73				41
Oct-94	110		5	5			96.23				42
Jan-95	5.8		5	5			87.18				43
Apr-95	137		5	5			120.70				44
Jul-95	380		5	5			158.20				45
Oct-95	120		5	2			160.70				46
Apr-96	10		5	10			130.00				47
Sep-96	10		5	10			10	10	09/17/96	semiannual	48
Apr-97	10		5	10			10	10	04/03/97	semiannual	49
Aug-97	18		5	10			14	14	08/27/97	semiannual	50
Mar-98	5		5	5			11.5	11.5	03/24/98	semiannual	51
Sep-98	40		5	5			22.5	22.5	09/22/98	semiannual	52
May-99	10		5	10			25	25	05/11/99	semiannual	53
Oct-99	19		5	10			14.5	14.5	10/05/99	semiannual	54
May-00	10		5	10			14.5	14.5	05/16/00	semiannual	55
Nov-00	3		5	5			6.5	6.5	11/28/00	semiannual	56
Apr-01	5		5	5			4	4	04/04/01	semiannual	57
Oct-01	3		5	5			4	4	10/18/01	semiannual	58
Apr-02	5		5	5			4	4	04/18/02	semiannual	59
Oct-02	1		5	5			3	3	10/03/02	semiannual	60
Apr-03	1		5	5			1	1	04/25/03	semiannual	61
Oct-03	1		5	5			1	1	10/03/03	semiannual	62
Apr-04	5		5	5			3	3	04/01/04	semiannual	63
Oct-04	5		5	5			5	5	10/19/04	semiannual	64
Apr-05	2		5	5			3.5	3.5	04/22/05	semiannual	65
Oct-05	1		5	5			1.5	1.5	10/07/05	semiannual	66
May-06	4.9		5	5			2.95	2.95	05/11/06	semiannual	67
Oct-06	4.9		5	5			4.9	4.9	10/18/06	semiannual	68
May-07	4.9		5	5			4.9	4.9	05/22/07	semiannual	69
Oct-07	4.9		5	5			4.9	4.9	10/25/07	semiannual	70
May-08	4.9		5	5			4.9	4.9	05/14/08	semiannual	71
Oct-08	9.3		5	5			7.1	7.1	10/23/08	semiannual	72
May-09	5		5	5			7.15	7.15	05/12/09	semiannual	73
Oct-09	27.7		5	5			16.35	16.35	05/13/09	semiannual	74
May-10	5		5	5			16.35	16.35	05/14/09	semiannual	75
Oct-10	5		5	5			5	5	05/15/09	semiannual	76
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2.1		5	2			2.05	2.05	10/11/12	semiannual	80
May-13	2.1		5	2			2.1	2.1	05/17/13	semiannual	81
Oct-13	2		5	2			2.05	2.05	10/11/13	semiannual	82
May-14	10		5	10			6	6	05/05/14	semiannual	83
Oct-14	2		5	2			6	6	10/06/14	semiannual	84
Jul-15	2		5	2			2	2	10/07/14	annual	85


MOVING AVERAGE TREND TEST
VDM-11
TOLUENE
PPB
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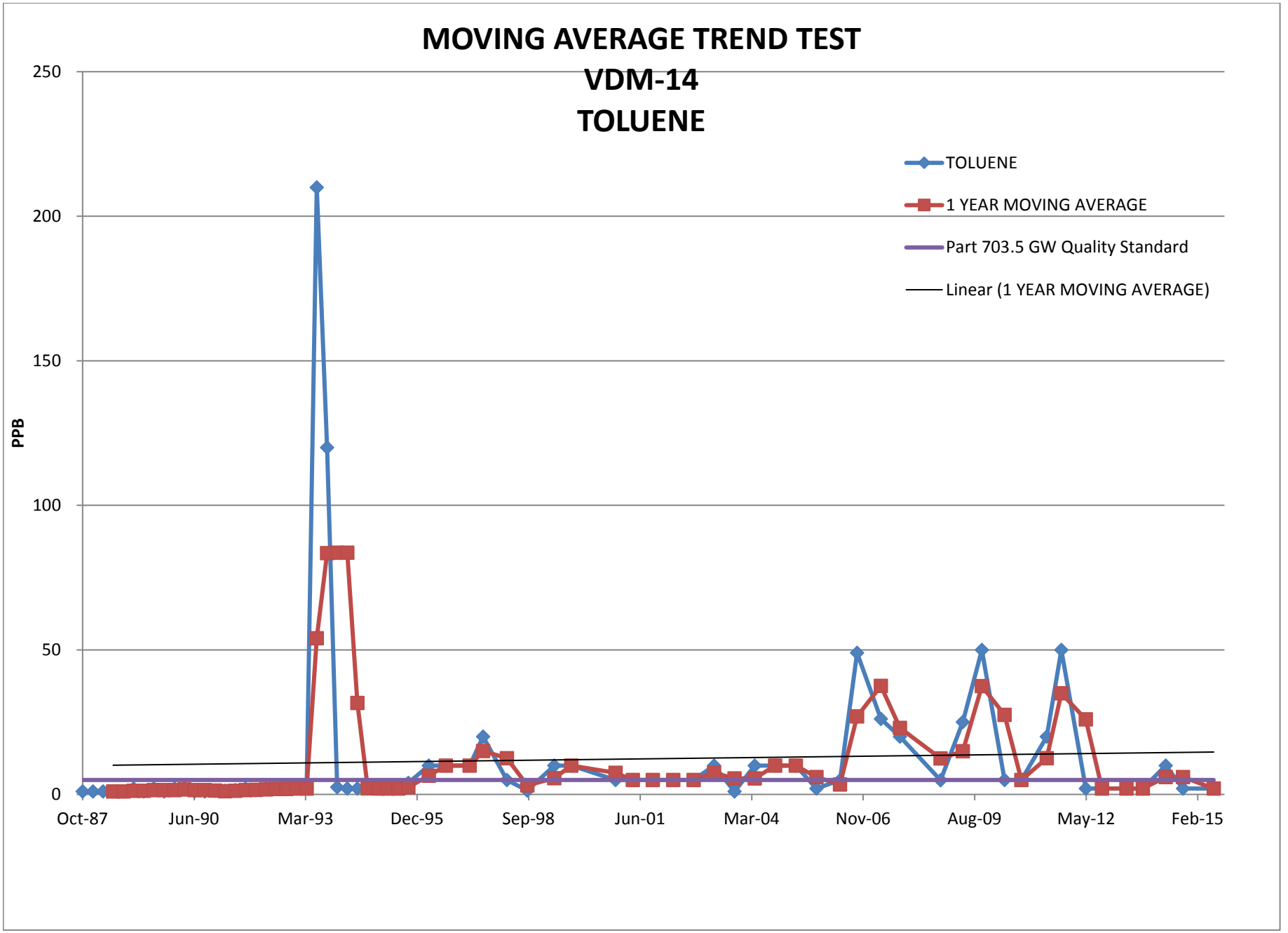
Jan-90
Apr-94
Jul-98
Oct-02
Jan-07
Apr-11
Jul-15
TOLUENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVG TREND)

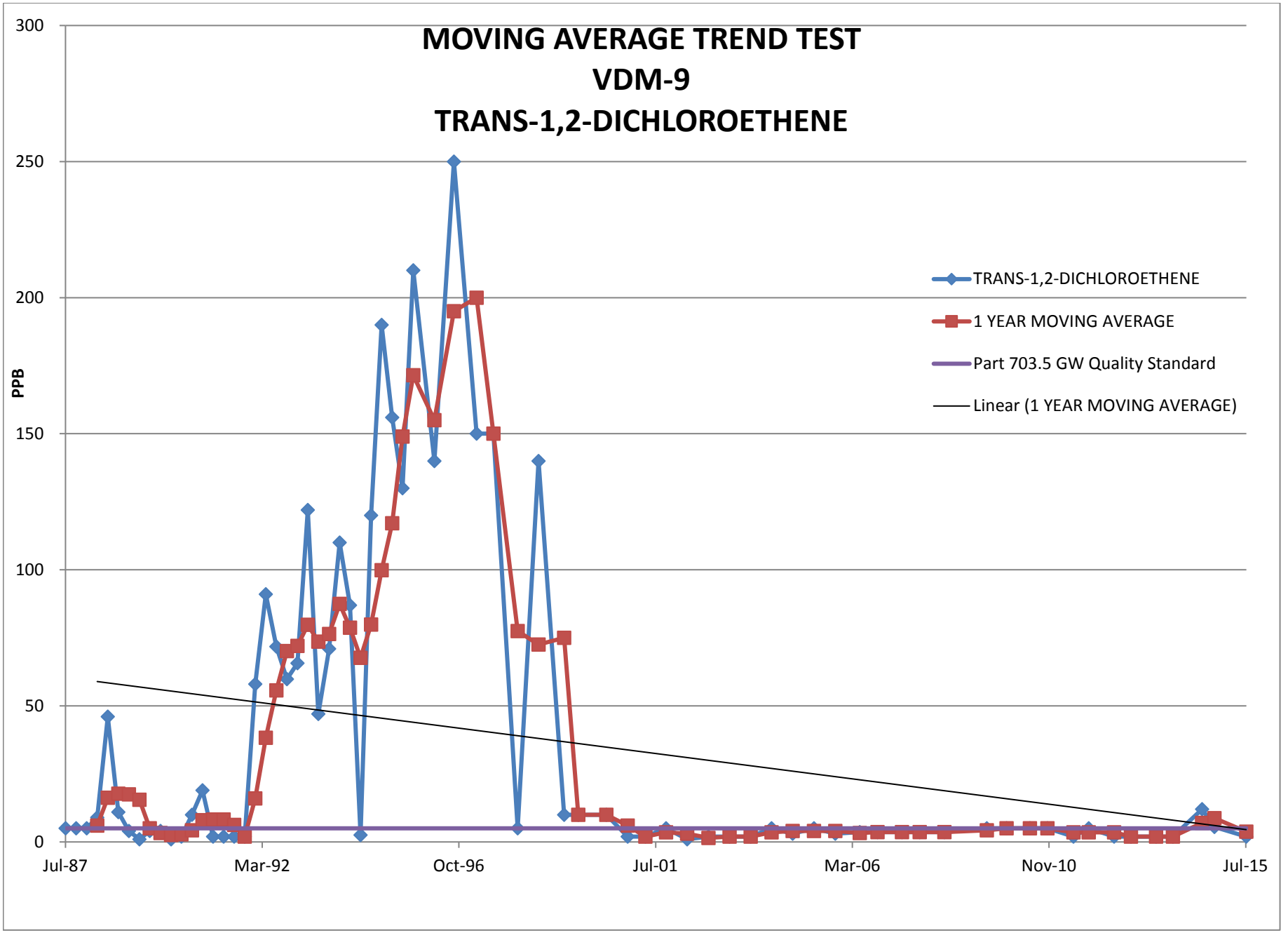
WELL VDM - 11 : TOLUENE

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87			5	5	TOTAL STD	2.7450					1
Apr-87			5	5	TOTAL Sx	0.3486					2
Jul-87			5	5	TOTAL MEAN	4.0714					3
Oct-87			5	5	TOTAL N	63					4
Jan-88			5	5	TOTAL df	62					5
Apr-88			5	5							6
Jul-88			5	5							7
Oct-88			5	5							8
Jan-89			5	5							9
Apr-89			5	5							10
Jul-89			5	5							11
Oct-89			5	5							12
Jan-90	1		5	5							13
Apr-90	1		5	5							14
Jul-90	1		5	5							15
Oct-90	1		5	5			1.00				16
Jan-91	2		5	5			1.25				17
Apr-91	2		5	5			1.50				18
Jul-91	2		5	5			1.75				19
Oct-91	2		5	5			2.00				20
Jan-92	1		5	5			1.75				21
Apr-92	1		5	5			1.50				22
Jul-92	1.25		5	5			1.31				23
Oct-92	1.25		5	5			1.13				24
Jan-93	1.5		5	5			1.25				25
Apr-93	2		5	5			1.50				26
Jul-93	1.5		5	5			1.56				27
Oct-93	2		5	5			1.75				28
Jan-94	2		5	5			1.88				29
Apr-94	2		5	5			1.88				30
Jul-94	5.6		5	5			2.90				31
Oct-94	2		5	5			2.90				32
Jan-95	2		5	5			2.90				33
Apr-95	2		5	5			2.90				34
Jul-95	2		5	5			2.00				35
Oct-95	2		5	2			2.00				36
Apr-96	10		5	10			6				37
Sep-96	10		5	10			10	10	9/17/1996	semiannual	38
Apr-97	10		5	10			10	10	4/3/1997	semiannual	39
Aug-97	10		5	10			10	10	8/27/1997	semiannual	40
Mar-98	5		5	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	5		5	5			5	5	9/22/1998	semiannual	42
May-99	10		5	10			7.5	7.5	5/11/1999	semiannual	43
Oct-99	10		5	10			10	10	10/5/1999	semiannual	44
May-00	10		5	10			10	10	5/16/2000	semiannual	45
Nov-00	5		5	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5		5	5			5	5	4/4/2001	semiannual	47
Oct-01	5		5	5			5	5	10/18/2001	semiannual	48
Apr-02	5		5	5			5	5	4/18/2002	semiannual	49
Oct-02	5		5	5			5	5	10/3/2002	semiannual	50
Apr-03	5		5	5			5	5	4/25/2003	semiannual	51
Oct-03	5		5	5			5	5	10/3/2003	semiannual	52
Apr-04	5		5	5			5	5	4/1/2004	semiannual	53
Oct-04	5		5	5			5	5	10/19/2004	semiannual	54
Apr-05	5		5	5			5	5	4/22/2005	semiannual	55
Oct-05	5		5	5			5	5	10/7/2005	semiannual	56
May-06	4.9		5	5			4.95	4.95	5/11/2006	semiannual	57
Oct-06	4.9		5	5			4.9	4.9	10/18/2006	semiannual	58
May-07	4.9		5	5			4.9	4.9	5/22/2007	semiannual	59
Oct-07	4.9		5	5			4.9	4.9	10/25/2007	semiannual	60
May-08	4.9		5	5			4.9	4.9	5/13/2008	semiannual	61
Oct-08	4.9		5	5			4.9	4.9	10/23/2008	semiannual	62
May-09	5		5	5			4.95	4.95	5/12/2009	semiannual	63
Oct-09	5		5	5			5	5	10/29/2009	semiannual	64
May-10	5		5	5			5	5	5/20/2010	semiannual	65
Oct-10	5		5	5			5	5	10/18/2010	semiannual	66
Jun-11	2		5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5		5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2		5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2		5	2			2	2	10/11/2012	semiannual	70
May-13	2		5	2			2	2	5/17/2013	semiannual	71
Oct-13	2		5	2			2	2	10/11/2013	semiannual	72
May-14	10		5	10			6	6	5/5/2014	semiannual	73
Oct-14	2		5	2			6	6	10/6/2014	semiannual	74
Jul-15	2		5	2			2	2	7/9/2015	annual	75


MOVING AVERAGE TREND TEST
VDM-14
TOLUENE
PPB
250
200
150
100
50
0
Oct-87
Jun-90
Mar-93
Dec-95
Sep-98
Jun-01
Mar-04
Nov-06
Aug-09
May-12
Feb-15
TOLUENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

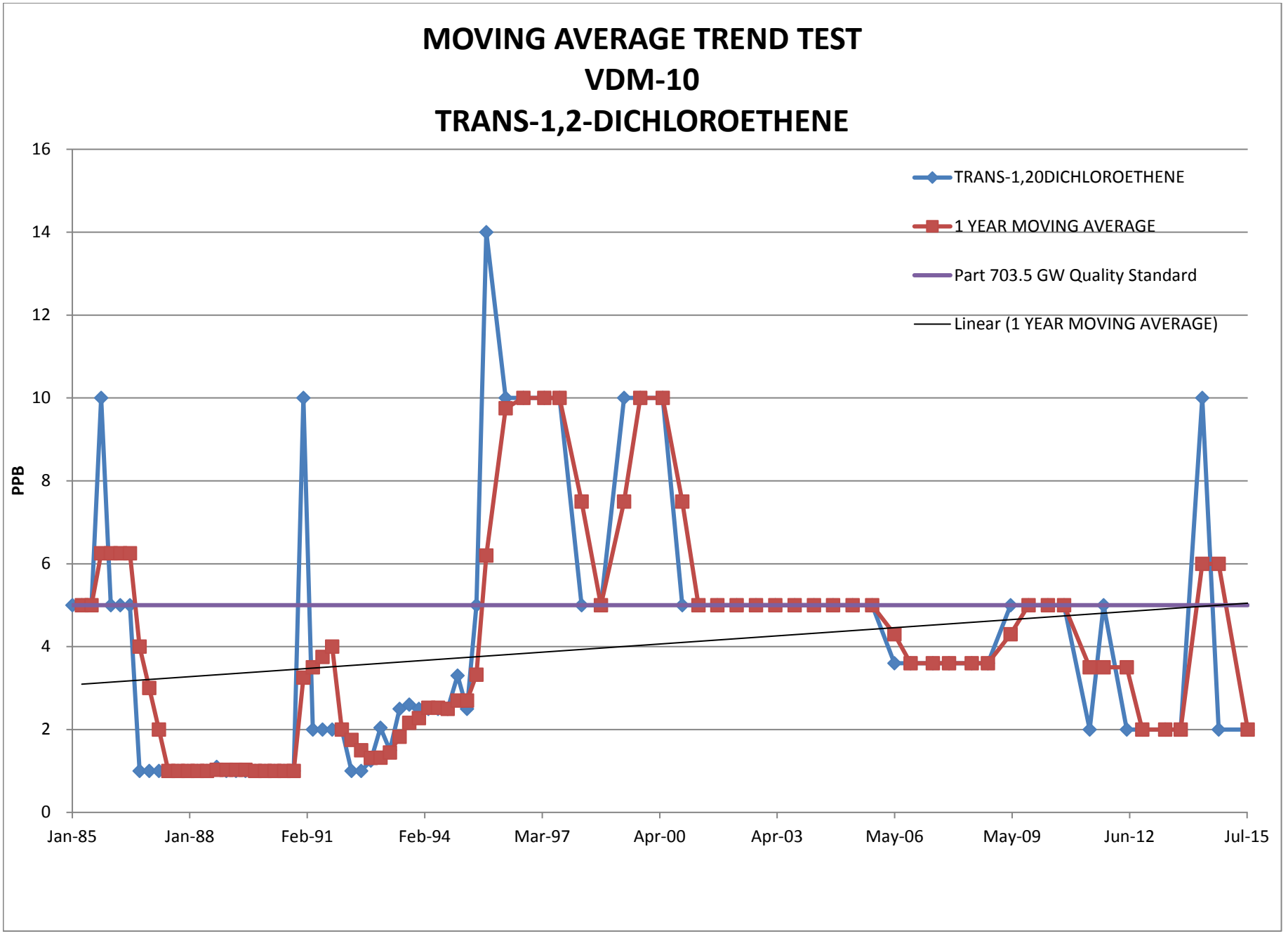
WELL VDM - 14 : TOLUENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85			5	5	TOTAL STD	29.3828					1
Jan-86			5	5	TOTAL Sx	3.537274					2
Apr-86			5	5	TOTAL MEAN	11.56					3
Jul-86			5	5	TOTAL N	70					4
Oct-86			5	5	TOTAL df	69					5
Jan-87			5	5							6
Apr-87			5	5							7
Jul-87			5	5							8
Oct-87	1		5	5							9
Jan-88	1		5	5							10
Apr-88	1		5	5							11
Jul-88	1		5	5			1.00				12
Oct-88	1		5	5			1.00				13
Jan-89	2		5	5			1.25				14
Apr-89	1		5	5			1.25				15
Jul-89	2		5	5			1.50				16
Oct-89	1		5	5			1.50				17
Jan-90	2		5	5			1.50				18
Apr-90	2		5	5			1.75				19
Jul-90	1		5	5			1.50				20
Oct-90	1		5	5			1.50				21
Jan-91	1.25		5	5			1.31				22
Apr-91	1.25		5	5			1.13				23
Jul-91	1.5		5	5			1.25				24
Oct-91	2		5	5			1.50				25
Jan-92	1.5		5	5			1.56				26
Apr-92	2		5	5			1.75				27
Jul-92	2		5	5			1.88				28
Oct-92	2		5	5			1.88				29
Jan-93	2		5	5			2.00				30
Apr-93	2		5	5			2.00				31
Jul-93	210		5	5			54.00				32
Oct-93	120		5	5			83.50				33
Jan-94	2.5		5	5			83.63				34
Apr-94	2		5	5			83.63				35
Jul-94	2		5	5			31.63				36
Oct-94	2		5	5			2.13				37
Jan-95	2		5	5			2.00				38
Apr-95	2		5	5			2.00				39
Jul-95	2		5	5			2.00				40
Oct-95	4		5	4			2.50				41
Apr-96	10		5	10			6.5				42
Sep-96	10		5	10			10	10	9/17/1996	semiannual	43
Apr-97	10		5	10			10	10	4/3/1997	semiannual	44
Aug-97	*20*		5	100			15	15	8/27/1997	semiannual	45
Mar-98	5		5	5			12.5	12.5	3/24/1998	semiannual	46
Sep-98	1.3		5	5			3.15	3.15	9/22/1998	semiannual	47
May-99	10		5	10			5.65	5.65	5/11/1999	semiannual	48
Oct-99	10		5	10			10	10	10/5/1999	semiannual	49
Nov-00	5		5	5			7.5	7.5	11/28/2000	semiannual	50
Apr-01	5		5	5			5	5	4/4/2001	semiannual	51
Oct-01	5		5	5			5	5	10/18/2001	semiannual	52
Apr-02	5		5	5			5	5	4/18/2002	semiannual	53
Oct-02	5		5	25	**		5	5	10/3/2002	semiannual	54
Apr-03	10		5	10			7.5	7.5	4/25/2003	semiannual	55
Oct-03	1		5	5			5.5	5.5	10/3/2003	semiannual	56
Apr-04	10		5	10			5.5	5.5	4/1/2004	semiannual	57
Oct-04	10		5	10			10	10	10/19/2004	semiannual	58
Apr-05	10		5	10			10	10	4/22/2005	semiannual	59
Oct-05	2		5	10			6	6	10/7/2005	semiannual	60
May-06	4.9		5	10			3.45	3.45	5/11/2006	semiannual	61
Oct-06	49		5	10			26.95	26.95	10/18/2006	semiannual	62
May-07	26.1		5	10			37.55	37.55	5/22/2007	semiannual	63
Oct-07	20		5	4.9			23.05	23.05	10/25/2007	semiannual	64
Oct-08	4.9		5	4.9			12.45	12.45	10/23/2008	semiannual	65
May-09	25		5	25			14.95	14.95	5/12/2009	semiannual	66
Oct-09	50		5	25			37.5	37.5	10/29/2009	semiannual	67
May-10	5		5	5			27.5	27.5	5/20/2010	semiannual	68
Oct-10	5		5	5			5	5	10/18/2010	semiannual	69
Jun-11	20		5	20			12.5	12.5	6/2/2011	semiannual	70
Oct-11	50		5	50			35	35	10/12/2011	semiannual	71
May-12	2		5	2			26	26	5/18/2012	semiannual	72
Oct-12	2		5	2			2	2	10/11/2012	semiannual	73
May-13	2		5	2			2	2	5/17/2013	semiannual	74
Oct-13	2		5	2			2	2	10/11/2013	semiannual	75
May-14	10		5	10			6	6	5/5/2014	semiannual	76
Oct-14	2		5	2			6	6	10/6/2014	semiannual	77
Jul-15	2		5	2			2	2	10/7/2014	annual	78


MOVING AVERAGE TREND TEST
VDM-9
TRANS-1,2-DICHLOROETHENE
PPB
300
250
200
150
100
50
0
Jul-87
Mar-92
Oct-96
Jul-01
Mar-06
Nov-10
Jul-15
TRANS-1,2-DICHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

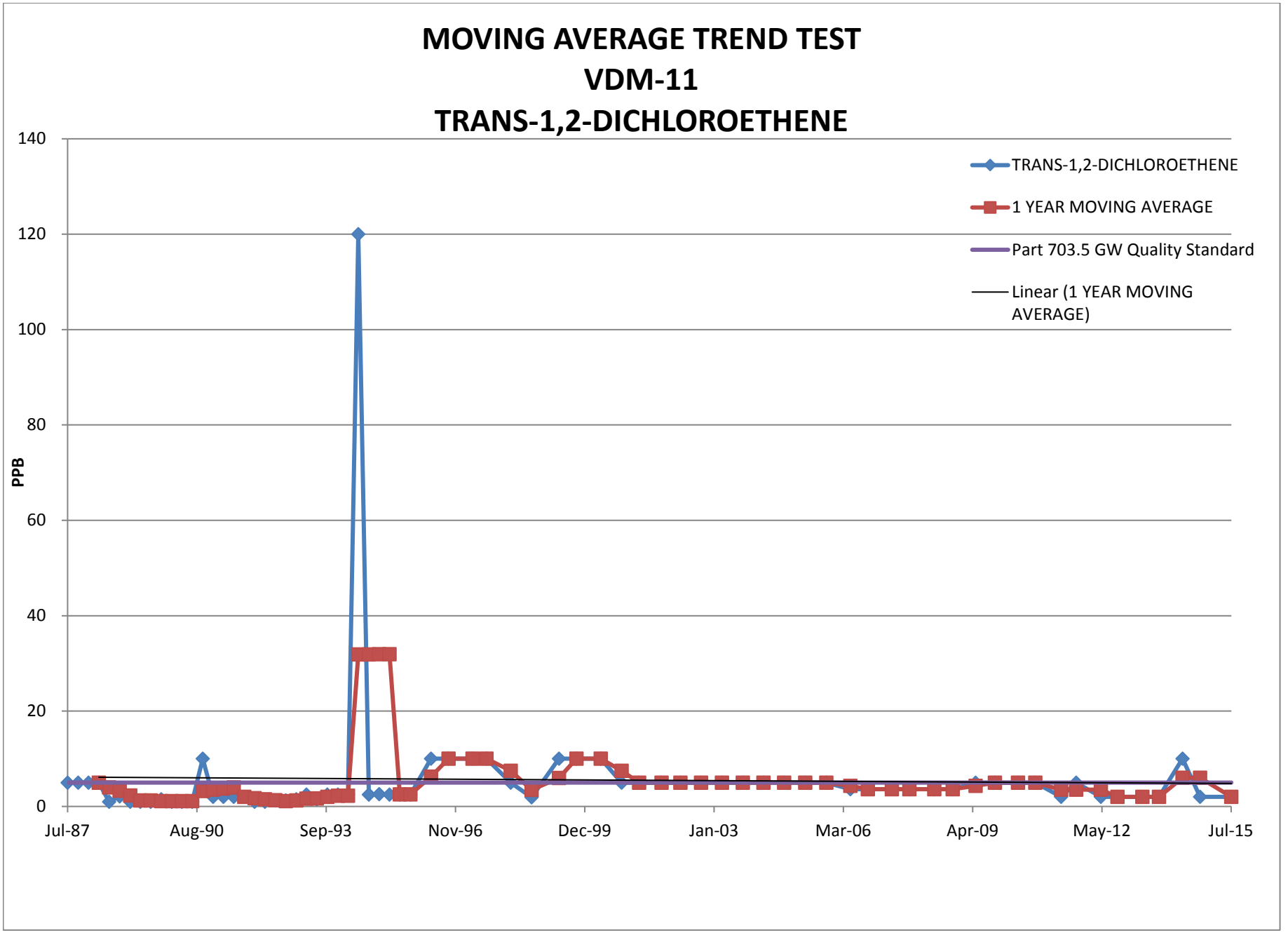
WELL VDM - 9 : TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.	
Jan-87			5	5	TOTAL STD	59.14803					1	
Apr-87			5	5	TOTAL Sx	7.01958					2	
Jul-87	5		5	5	TOTAL MEAN	37.43472					3	
Oct-87	5		5	5	TOTAL N	72					4	
Jan-88	5		5	5	TOTAL df	71					5	
Apr-88	9		5	5			6.00				6	
Jul-88	46		5	5			16.25				7	
Oct-88	11		5	5			17.75				8	
Jan-89	4		5	5			17.50				9	
Apr-89	1		5	5			15.50				10	
Jul-89	4		5	5			5.00				11	
Oct-89	4		5	5			3.25				12	
Jan-90	1		5	5			2.50				13	
Apr-90	2		5	5			2.75				14	
Jul-90	10		5	5			4.25				15	
Oct-90	19		5	5			8.00				16	
Jan-91	2		5	5			8.25				17	
Apr-91	2		5	5			8.25				18	
Jul-91	2		5	5			6.25				19	
Oct-91	2		5	5			2.00				20	
Jan-92	58		5	5			16.00				21	
Apr-92	91		5	5			38.25				22	
Jul-92	71.8		5	5			55.70				23	
Oct-92	59.8		5	5			70.15				24	
Jan-93	65.7		5	5			72.08				25	
Apr-93	122		5	5			79.83				26	
Jul-93	47		5	5			73.63				27	
Oct-93	71		5	5			76.43				28	
Jan-94	110		5	5			87.50				29	
Apr-94	87		5	5			78.75				30	
Jul-94	3		5	5			67.63				31	
Oct-94	120		5	5			79.88				32	
Jan-95	190		5	5			99.88				33	
Apr-95	156		5	5			117.13				34	
Jul-95	130		5	5			149.00				35	
Oct-95	210		5	5			171.50				36	
Apr-96	140		5	5			155	155			37	
Sep-96	250		5	10			195	195	09/17/96	semiannual	38	
Apr-97	150		5	10			200	200	04/03/97	semiannual	39	
Aug-97	150		5	10			150	150	08/27/97	semiannual	40	
Mar-98	5		5	5			77.5	77.5	03/24/98	semiannual	41	
Sep-98	140		5	5			72.5	72.5	09/22/98	semiannual	42	
May-99	10		5	10			75	75	05/11/99	semiannual	43	
Sep-99	10		5	10			10	10	09/29/99	semiannual	44	
May-00	10		5	10			10	10	05/16/00	semiannual	45	
Nov-00	2		5	5			6	6	11/28/00	semiannual	46	
Apr-01	2		5	5			2	2	04/04/01	semiannual	47	
Oct-01	5		5	5			3.5	3.5	10/18/01	semiannual	48	
Apr-02	1		5	5			3	3	04/18/02	semiannual	49	
Oct-02	2		5	5			1.5	1.5	10/03/02	semiannual	50	
Apr-03	2		5	5			2	2	04/25/03	semiannual	51	
Oct-03	2		5	5			2	2	10/03/03	semiannual	52	
Apr-04	5		5	5			3.5	3.5	04/01/04	semiannual	53	
Oct-04	3		5	5			4	4	10/19/04	semiannual	54	
Apr-05	5		5	5			4	4	04/22/05	semiannual	55	
Oct-05	3		5	5			4	4	10/05/07	semiannual	56	
May-06	3.6		5	5			3.3	3.3	05/11/06	semiannual	57	
Oct-06	3.6		5	5			3.6	3.6	10/18/06	semiannual	58	
May-07	3.6		5	5			3.6	3.6	05/22/07	semiannual	59	
Oct-07	3.6		5	5			3.6	3.6	10/25/07	semiannual	60	
May-08	3.6		5	5			3.6	3.6	05/13/08	semiannual	61	
May-09	5		5	5			4.3	4.3	05/12/09	semiannual	63	
Oct-09	5		5	5			5	5	10/29/09	semiannual	64	
May-10	5		5	5			5	5	05/20/10	semiannual	65	
Oct-10	5		5	5			5	5	10/18/10	semiannual	66	
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	67	
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	68	
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	69	
Oct-12	2		5	2			2	2	10/11/12	semiannual	70	
May-13	2		5	2			2	2	05/17/13	semiannual	71	
Oct-13	2		5	2			2	2	10/11/13	semiannual	72	
Jun-14	12		5	2			7	7	05/05/14	semiannual	73	WELL VDM9 OMITTED FROM REPORT
Oct-14	5.5		5	2			8.75	8.75	10/06/14	semiannual	74	
Jul-15	2		5	2			3.75	3.75	10/07/14	annual	75	


MOVING AVERAGE TREND TEST
VDM-10
TRANS-1,2-DICHLOROETHENE
PPB
16
14
12
10
8
6
4
2
0
Jan-85
Jan-88
Feb-91
Feb-94
Mar-97
Apr-00
Apr-03
May-06
May-09
Jun-12
Jul-15
TRANS-1,20DICHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

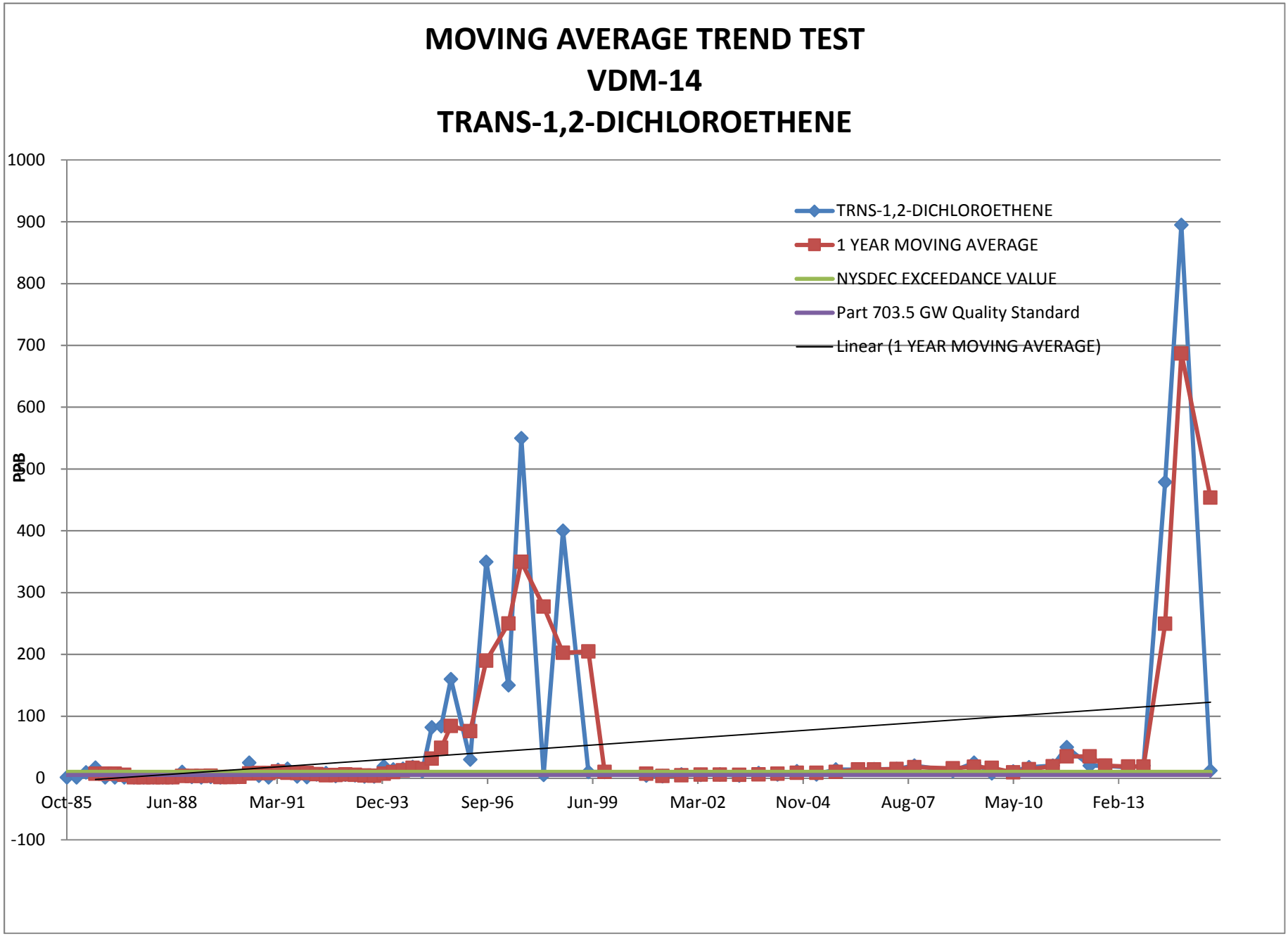
WELL VDM - 10 : TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jul-84			5	5	TOTAL STD	2.9732098					1
Oct-84			5	5	TOTAL Sx	0.3283361					2
Jan-85	5		5	5	TOTAL MEAN	3.94445783					3
Apr-85	5		5	5	TOTAL N	83	5.00				4
Jul-85	5		5	5	TOTAL df	82	5.00				5
Oct-85	10		5	5			6.25				6
Jan-86	5		5	5			6.25				7
Apr-86	5		5	5			6.25				8
Jul-86	5		5	5			6.25				9
Oct-86	1		5	5			4.00				10
Jan-87	1		5	5			3.00				11
Apr-87	1		5	5			2.00				12
Jul-87	1		5	5			1.00				13
Oct-87	1		5	5			1.00				14
Jan-88	1		5	5			1.00				15
Apr-88	1		5	5			1.00				16
Jul-88	1		5	5			1.00				17
Oct-88	1.1		5	5			1.03				18
Jan-89	1		5	5			1.03				19
Apr-89	1		5	5			1.03				20
Jul-89	1		5	5			1.03				21
Oct-89	1		5	5			1.00				22
Jan-90	1		5	5			1.00				23
Apr-90	1		5	5			1.00				24
Jul-90	1		5	5			1.00				25
Oct-90	1		5	5			1.00				26
Jan-91	10		5	5			3.25				27
Apr-91	2		5	5			3.50				28
Jul-91	2		5	5			3.75				29
Oct-91	2		5	5			4.00				30
Jan-92	2		5	5			2.00				31
Apr-92	1		5	5			1.75				32
Jul-92	1		5	5			1.50				33
Oct-92	1.25		5	5			1.31				34
Jan-93	2.04		5	5			1.32				35
Apr-93	1.5		5	5			1.45				36
Jul-93	2.5		5	5			1.82				37
Oct-93	2.6		5	5			2.16				38
Jan-94	2.5		5	5			2.28				39
Apr-94	2.5		5	5			2.53				40
Jul-94	2.5		5	5			2.53				41
Oct-94	2.5		5	5			2.50				42
Jan-95	3.3		5	5			2.70				43
Apr-95	2.5		5	5			2.70				44
Jul-95	5		5	5			3.33				45
Oct-95	14		5	1			6.20				46
Apr-96	10		5	10			9.75				47
Sep-96	10		5	10			10	10	09/17/96	semiannual	48
Apr-97	10		5	10			10	10	04/03/97	semiannual	49
Aug-97	10		5	10			10	10	08/27/97	semiannual	50
Mar-98	5		5	5			7.5	7.5	03/24/98	semiannual	51
Sep-98	5		5	5			5	5	09/22/98	semiannual	52
May-99	10		5	10			7.5	7.5	05/11/99	semiannual	53
Oct-99	10		5	10			10	10	10/05/99	semiannual	54
May-00	10		5	10			10	10	05/16/00	semiannual	55
Nov-00	5		5	5			7.5	7.5	11/28/00	semiannual	56
Apr-01	5		5	5			5	5	04/04/01	semiannual	57
Oct-01	5		5	5			5	5	10/18/01	semiannual	58
Apr-02	5		5	5			5	5	04/18/02	semiannual	59
Oct-02	5		5	5			5	5	10/03/02	semiannual	60
Apr-03	5		5	5			5	5	04/25/03	semiannual	61
Oct-03	5		5	5			5	5	10/03/03	semiannual	62
Apr-04	5		5	5			5	5	04/01/04	semiannual	63
Oct-04	5		5	5			5	5	10/19/04	semiannual	64
Apr-05	5		5	5			5	5	04/22/05	semiannual	65
Oct-05	5		5	5			5	5	10/07/05	semiannual	66
May-06	3.6		5	5			4.3	4.3	05/11/06	semiannual	67
Oct-06	3.6		5	5			3.6	3.6	10/18/06	semiannual	68
May-07	3.6		5	5			3.6	3.6	05/22/07	semiannual	69
Oct-07	3.6		5	5			3.6	3.6	10/25/07	semiannual	70
May-08	3.6		5	5			3.6	3.6	05/13/08	semiannual	71
Oct-08	3.6		5	5			3.6	3.6	10/23/08	semiannual	72
May-09	5		5	5			4.3	4.3	05/12/09	semiannual	73
Oct-09	5		5	5			5	5	10/29/09	semiannual	74
May-10	5		5	5			5	5	05/01/10	semiannual	75
Oct-10	5		5	5			5	5	10/01/10	semiannual	76
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2		5	2			2	2	10/11/12	semiannual	80
May-13	2		5	2			2	2	05/17/13	semiannual	81
Oct-13	2		5	2			2	2	10/11/13	semiannual	82
May-14	10		5	10			6	6	05/05/14	semiannual	83
Oct-14	2		5	2			6	6	10/06/14	semiannual	84
Jul-15	2		5	2			2	2	07/09/15	annual	85


MOVING AVERAGE TREND TEST
VDM-11
TRANS-1,2-DICHLOROETHENE
140
120
100
80
60
40
20
0
PPB
Jul-87
Aug-90
Sep-93
Nov-96
Dec-99
Jan-03
Mar-06
Apr-09
May-12
Jul-15
TRANS-1,2-DICHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

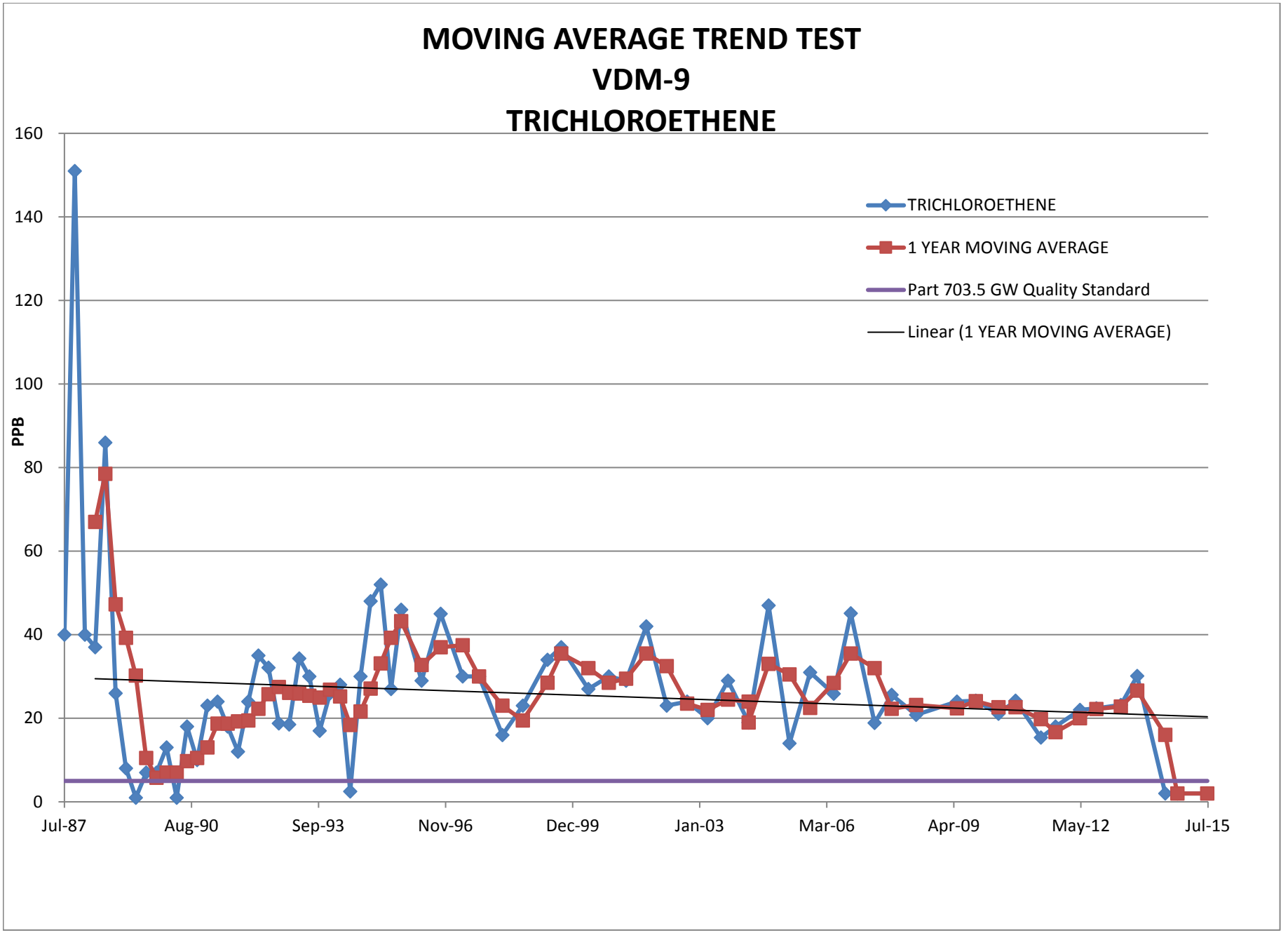
WELL VDM - 11 : TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87			5	5	TOTAL STD	13.7619					1
Apr-87			5	5	TOTAL Sx	1.6219					2
Jul-87	5		5	5	TOTAL MEAN	5.4959					3
Oct-87	5		5	5	TOTAL N	73					4
Jan-88	5		5	5	TOTAL df	72					5
Apr-88	5		5	5			5.00				6
Jul-88	1		5	5			4.00				7
Oct-88	2.1		5	5			3.28				8
Jan-89	1		5	5			2.28				9
Apr-89	1		5	5			1.28				10
Jul-89	1		5	5			1.28				11
Oct-89	1.5		5	5			1.13				12
Jan-90	1		5	5			1.13				13
Apr-90	1		5	5			1.13				14
Jul-90	1		5	5			1.13				15
Oct-90	10		5	5			3.25				16
Jan-91	2		5	5			3.50				17
Apr-91	2		5	5			3.75				18
Jul-91	2		5	5			4.00				19
Oct-91	2		5	5			2.00				20
Jan-92	1		5	5			1.75				21
Apr-92	1		5	5			1.50				22
Jul-92	1.25		5	5			1.31				23
Oct-92	1.25		5	5			1.13				24
Jan-93	1.5		5	5			1.25				25
Apr-93	2.5		5	5			1.63				26
Jul-93	1.5		5	5			1.69				27
Oct-93	2.5		5	5			2.00				28
Jan-94	2.5		5	5			2.25				29
Apr-94	2.5		5	5			2.25				30
Jul-94	120		5	5			31.88				31
Oct-94	2.5		5	5			31.88				32
Jan-95	2.6		5	5			31.90				33
Apr-95	2.5		5	5			31.90				34
Jul-95	2.5		5	5			2.53				35
Oct-95	2.5		5	2.5			2.53				36
Apr-96	10		5	10			6.25				37
Sep-96	10		5	10			10	10	9/17/1996	semiannual	38
Apr-97	10		5	10			10	10	4/3/1997	semiannual	39
Aug-97	10		5	10			10	10	8/27/1997	semiannual	40
Mar-98	5		5	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	1.9		5	5			3.45	3.45	9/22/1998	semiannual	42
May-99	10		5	10			5.95	5.95	5/11/1999	semiannual	43
Oct-99	10		5	10			10	10	10/5/1999	semiannual	44
May-00	10		5	10			10	10	5/16/2000	semiannual	45
Nov-00	5		5	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5		5	5			5	5	4/4/2001	semiannual	47
Oct-01	5		5	5			5	5	10/18/2001	semiannual	48
Apr-02	5		5	5			5	5	4/18/2002	semiannual	49
Oct-02	5		5	5			5	5	10/3/2002	semiannual	50
Apr-03	5		5	5			5	5	4/25/2003	semiannual	51
Oct-03	5		5	5			5	5	10/3/2003	semiannual	52
Apr-04	5		5	5			5	5	4/1/2004	semiannual	53
Oct-04	5		5	5			5	5	10/19/2004	semiannual	54
Apr-05	5		5	5			5	5	4/22/2005	semiannual	55
Oct-05	5		5	5			5	5	10/7/2005	semiannual	56
May-06	3.6		5	5			4.3	4.3	5/11/2006	semiannual	57
Oct-06	3.6		5	5			3.6	3.6	10/18/2006	semiannual	58
May-07	3.6		5	5			3.6	3.6	5/22/2007	semiannual	59
Oct-07	3.6		5	5			3.6	3.6	10/25/2007	semiannual	60
May-08	3.6		5	5			3.6	3.6	5/13/2008	semiannual	61
Oct-08	3.6		5	5			3.6	3.6	10/23/2008	semiannual	62
May-09	5		5	5			4.3	4.3	5/12/2009	semiannual	63
Oct-09	5		5	5			5	5	10/29/2009	semiannual	64
May-10	5		5	5			5	5	5/20/2010	semiannual	65
Oct-10	5		5	5			5	5	10/18/2010	semiannual	66
Jun-11	2		5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5		5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2		5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2		5	2			2	2	10/11/2012	semiannual	70
May-13	2		5	2			2	2	5/17/2013	semiannual	71
Oct-13	2		5	2			2	2	10/11/2013	semiannual	72
May-14	10		5	10			6	6	5/5/2014	semiannual	73
Oct-14	2		5	2			6	6	10/6/2014	semiannual	74
Jul-15	2		5	2			2	2	7/9/2015	annual	75


MOVING AVERAGE TREND TEST
VDM-14
TRANS-1,2-DICHLOROETHENE
PPB
1000
900
800
700
600
500
400
300
200
100
0
-100
Oct-85
Jun-88
Mar-91
Dec-93
Sep-96
Jun-99
Mar-02
Nov-04
Aug-07
May-10
Feb-13
TRNS-1,2-DICHLOROETHENE
1 YEAR MOVING AVERAGE
NYSDEC EXCEEDANCE VALUE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

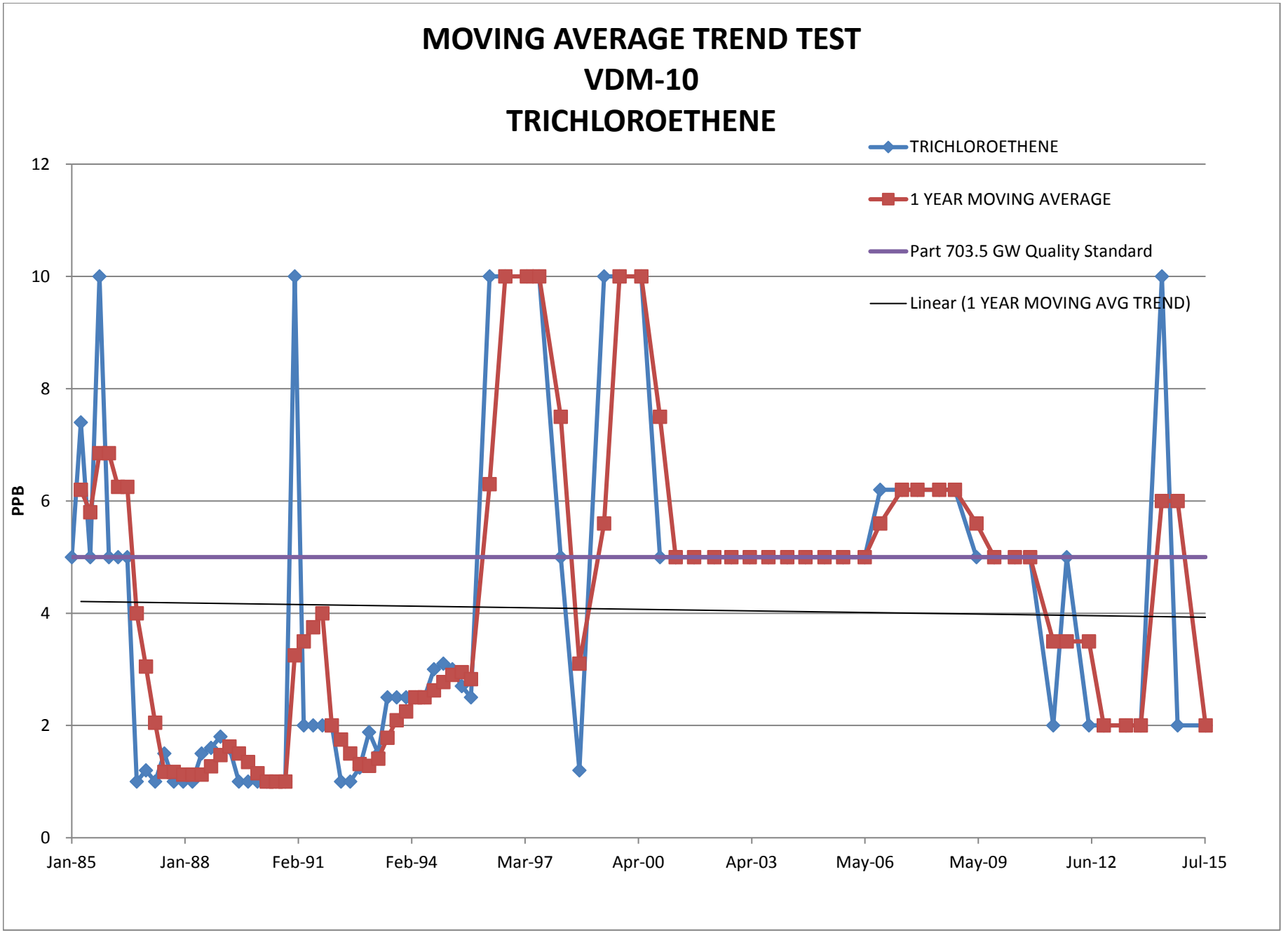
WELL VDM - 14 : TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-85	1	10	5	5	TOTAL STD	89.74927					1
Jan-86	1	10	5	5	TOTAL Sx	10.65128					2
Apr-86	9	10	5	5	TOTAL MEA	32.73333					3
Jul-86	17	10	5	5	TOTAL N	72	7.00				4
Oct-86	1	10	5	5	TOTAL df	71	7.00				5
Jan-87	1	10	5	5			7.00				6
Apr-87	1	10	5	5			5.00				7
Jul-87	1	10	5	5			1.00				8
Oct-87	1	10	5	5			1.00				9
Jan-88	1	10	5	5			1.00				10
Apr-88	1	10	5	5			1.00				11
Jul-88	1	10	5	5			1.00				12
Oct-88	10	10	5	5			3.25				13
Jan-89	2	10	5	5			3.50				14
Apr-89	1	10	5	5			3.50				15
Jul-89	2	10	5	5			3.75				16
Oct-89	1	10	5	5			1.50				17
Jan-90	2	10	5	5			1.50				18
Apr-90	2	10	5	5			1.75				19
Jul-90	25	10	5	5			7.50				20
Oct-90	3.7	10	5	5			8.18				21
Jan-91	1.25	10	5	5			7.99				22
Apr-91	13.1	10	5	5			10.76				23
Jul-91	15.1	10	5	5			8.29				24
Oct-91	2.5	10	5	5			7.99				25
Jan-92	1.5	10	5	5			8.05				26
Apr-92	6	10	5	5			6.28				27
Jul-92	8	10	5	5			4.50				28
Oct-92	3.5	10	5	5			4.75				29
Jan-93	5.4	10	5	5			5.73				30
Apr-93	4.3	10	5	5			5.30				31
Jul-93	2.5	10	5	5			3.93				32
Oct-93	2.5	10	5	5			3.68				33
Jan-94	19	10	5	5			7.08				34
Apr-94	14	10	5	5			9.50				35
Jul-94	15	10	5	5			12.63				36
Oct-94	18	10	5	5			16.50				37
Jan-95	11	10	5	5			14.50				38
Apr-95	82	10	5	5			31.50				39
Jul-95	84	10	5	5			48.75				40
Oct-95	160	10	5	5			84.25				41
Apr-96	30	10	5	5			76				42
Sep-96	350	10	5	10			190	190	9/17/1996	semiannual	43
Apr-97	150	10	5	10			250	250	4/3/1997	semiannual	44
Aug-97	550	10	5	100			350	350	8/27/1997	semiannual	45
Mar-98	5	10	5	5			277.5	277.5	3/24/1998	semiannual	46
Sep-98	400	10	5	5			202.5	202.5	9/22/1998	semiannual	47
May-99	10	10	5	10			205	205	5/11/1999	semiannual	48
Oct-99	10	10	5	10			10	10	10/5/1999	semiannual	49
Nov-00	4	10	5	5			7	7	11/28/2000	semiannual	50
Apr-01	3	10	5	5			3.5	3.5	4/4/2001	semiannual	51
Oct-01	6	10	5	5			4.5	4.5	10/18/2001	semiannual	52
Apr-02	5	10	5	5			5.5	5.5	4/18/2002	semiannual	53
Oct-02	6	10	5	25			5.5	5.5	10/3/2002	semiannual	54
Apr-03	4	10	5	10			5	5	4/25/2003	semiannual	55
Oct-03	8	10	5	5			6	6	10/3/2003	semiannual	56
Apr-04	6	10	5	10			7	7	4/1/2004	semiannual	57
Oct-04	11	10	5	10			8.5	8.5	10/19/2004	semiannual	58
Apr-05	6	10	5	10			8.5	8.5	4/22/2005	semiannual	59
Oct-05	14	10	5	10			10	10	10/7/2005	semiannual	60
May-06	13.6	10	5	10			13.8	13.8	5/11/2006	semiannual	61
Oct-06	14.4	10	5	10			14	14	10/18/2006	semiannual	62
May-07	14.8	10	5	10			14.6	14.6	5/22/2007	semiannual	63
Oct-07	20	10	5	10			17.4	17.4	10/25/2007	semiannual	64
Oct-08	11.2	10	5	10			15.6	15.6	10/23/2008	semiannual	65
May-09	25	10	5	25			18.1	18.1	5/12/2009	semiannual	66
Oct-09	7.85	10	5	25			16.425	16.425	10/29/2009	semiannual	67
May-10	10.7	10	5	25			9.275	9.275	5/20/2010	semiannual	68
Oct-10	17.7	10	5	25			14.2	14.2	10/18/2010	semiannual	69
Jun-11	20	10	5	20			18.85	18.85	6/2/2011	semiannual	70
Oct-11	50	10	5	50			35	35	10/12/2011	semiannual	71
May-12	20.2	10	5	2			35.1	35.1	5/18/2012	semiannual	72
Oct-12	19.8	10	5	2			20	20	10/11/2012	semiannual	73
May-13	17.2	10	5	2			18.5	18.5	5/17/2013	semiannual	74
Oct-13	20	10	5	2			18.6	18.6	10/11/2013	semiannual	75
May-14	479	10	5	10			249.5	249.5	5/5/2014	semiannual	76
Oct-14	895	10	5	2			687	687	10/6/2014	semiannual	77
Jul-15	12	10	5	2			453.5	453.5	7/9/2015	semiannual	78


MOVING AVERAGE TREND TEST
VDM-9
TRICHLOROETHENE
PPB
160
140
120
100
80
60
40
20
0
Jul-87
Aug-90
Sep-93
Nov-96
Dec-99
Jan-03
Mar-06
Apr-09
May-12
Jul-15
TRICHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 9 : TRICHLOROETHENE

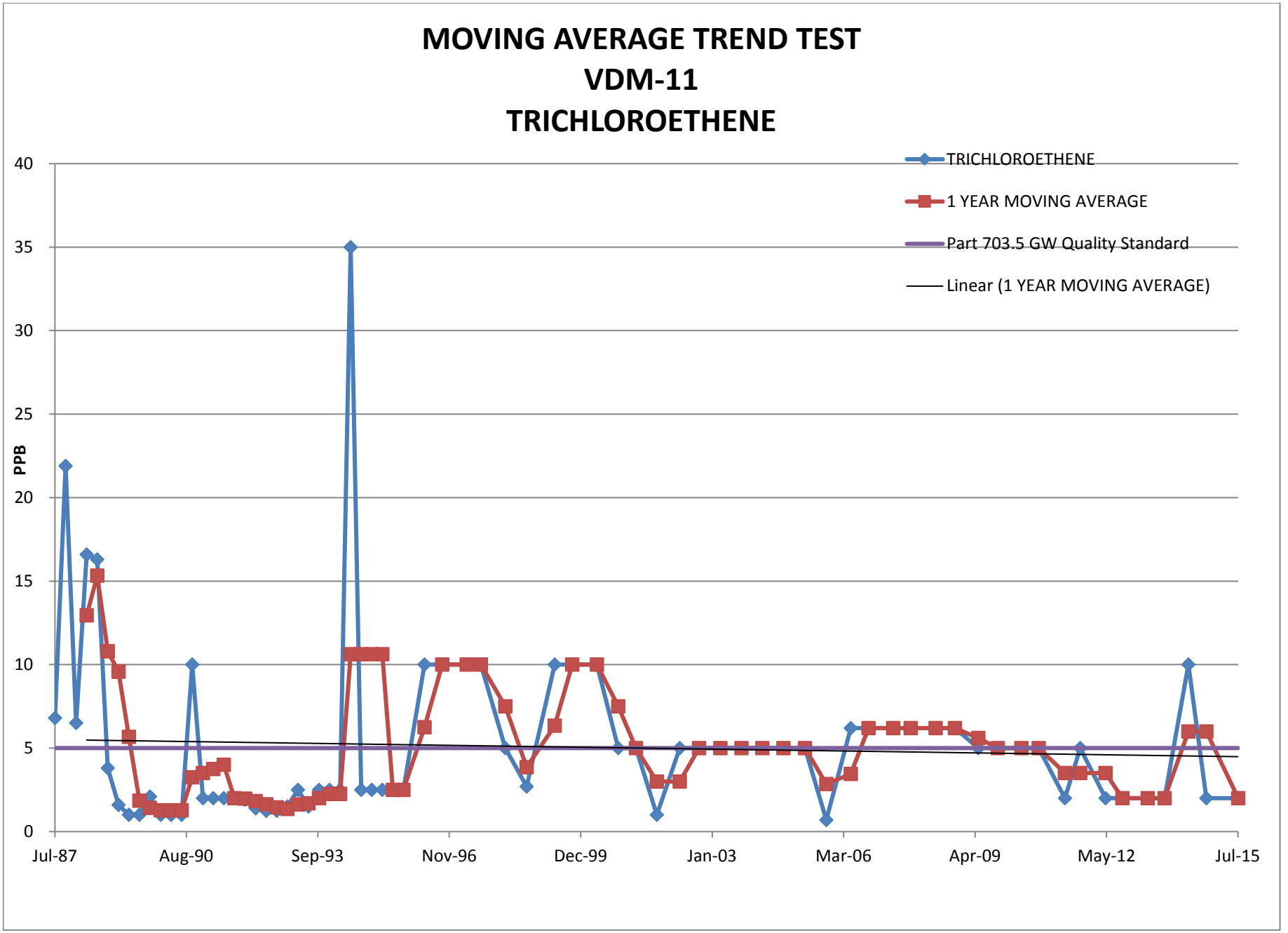
SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87			5	5	TOTAL STD	20.08819					1
Apr-87			5	5	TOTAL Sx	2.367416					2
Jul-87	40		5	5	TOTAL MEAN	26.79589					3
Oct-87	151		5	5	TOTAL N	73					4
Jan-88	40		5	5	TOTAL df	72					5
Apr-88	37		5	5			67.00				6
Jul-88	86		5	5			78.50				7
Oct-88	26		5	5			47.25				8
Jan-89	8		5	5			39.25				9
Apr-89	1		5	5			30.25				10
Jul-89	7		5	5			10.50				11
Oct-89	7		5	5			5.75				12
Jan-90	13		5	5			7.00				13
Apr-90	1		5	5			7.00				14
Jul-90	18		5	5			9.75				15
Oct-90	10		5	5			10.50				16
Jan-91	23		5	5			13.00				17
Apr-91	24		5	5			18.75				18
Jul-91	18		5	5			18.75				19
Oct-91	12		5	5			19.25				20
Jan-92	24		5	5			19.50				21
Apr-92	35		5	5			22.25				22
Jul-92	32.1		5	5			25.78				23
Oct-92	18.8		5	5			27.48				24
Jan-93	18.5		5	5			26.10				25
Apr-93	34.3		5	5			25.93				26
Jul-93	30		5	5			25.40				27
Oct-93	17		5	5			24.95				28
Jan-94	26		5	5			26.83				29
Apr-94	28		5	5			25.25				30
Jul-94	3		5	5			18.38				31
Oct-94	30		5	5			21.63				32
Jan-95	48		5	5			27.13				33
Apr-95	52		5	5			33.13				34
Jul-95	27		5	5			39.25				35
Oct-95	46		5	5			43.25				36
Apr-96	29		5	5			32.75	32.75	04/01/96	semiannual	37
Sep-96	45		5	10			37	37	09/17/96	semiannual	38
Apr-97	30		5	10			37.5	37.5	04/03/97	semiannual	39
Aug-97	30		5	10			30	30	08/27/97	semiannual	40
Mar-98	16		5	5			23	23	03/24/98	semiannual	41
Sep-98	23		5	5			19.5	19.5	09/22/98	semiannual	42
May-99	34		5	10			28.5	28.5	05/11/99	semiannual	43
Sep-99	37		5	10			35.5	35.5	09/29/99	semiannual	44
May-00	27		5	10			32	32	05/16/00	semiannual	45
Nov-00	30		5	5			28.5	28.5	11/28/00	semiannual	46
Apr-01	29		5	5			29.5	29.5	04/04/01	semiannual	47
Oct-01	42		5	5			35.5	35.5	10/18/01	semiannual	48
Apr-02	23		5	5			32.5	32.5	04/18/02	semiannual	49
Oct-02	24		5	5			23.5	23.5	10/03/02	semiannual	50
Apr-03	20		5	5			22	22	04/25/03	semiannual	51
Oct-03	29		5	5			24.5	24.5	10/03/03	semiannual	52
Apr-04	19		5	5			24	24	04/01/04	semiannual	53
Apr-04	19		5	5			19	19	04/01/04	semiannual	53
Oct-04	47		5	5			33	33	10/19/04	semiannual	54
Apr-05	14		5	5			30.5	30.5	04/22/05	semiannual	55
Oct-05	31		5	5			22.5	22.5	10/07/05	semiannual	56
May-06	25.9		5	5			28.45	28.45	05/11/06	semiannual	57
Oct-06	45.1		5	5			35.5	35.5	10/18/06	semiannual	58
May-07	18.9		5	5			32	32	05/22/07	semiannual	59
Oct-07	25.6		5	5			22.25	22.25	10/25/07	semiannual	60
May-08	20.8		5	5			23.2	23.2	05/13/08	semiannual	61
May-09	24		5	5			22.4	22.4	05/12/09	semiannual	63
Oct-09	24.2		5	5			24.1	24.1	10/29/09	semiannual	64
May-10	21.1		5	5			22.65	22.65	05/20/10	semiannual	65
Oct-10	24.2		5	5			22.65	22.65	10/18/10	semiannual	66
Jun-11	15.4		5	5			19.8	19.8	06/02/11	semiannual	67
Oct-11	18		5	5			16.7	16.7	10/12/11	semiannual	68
May-12	22		5	2			20	20	05/18/12	semiannual	69
Oct-12	22.4		5	2			22.2	22.2	10/11/12	semiannual	70
May-13	23.2		5	2			22.8	22.8	05/17/13	semiannual	71
Oct-13	30.1		5	2			26.65	26.65	10/11/13	semiannual	72
Jun-14	2		5	2			16.05	16.05	06/20/14	semiannual	73
Oct-14	2		5	2			2	2	10/06/14	semiannual	74
Jul-15	2		5	2			2	2	07/09/15	annual	75


MOVING AVERAGE TREND TEST
VDM-10
TRICHLOROETHENE
TRICHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVG TREND)
PPB
12
10
8
6
4
2
0
Jan-85
Jan-88
Feb-91
Feb-94
Mar-97
Apr-00
Apr-03
May-06
May-09
Jun-12
Jul-15

WELL VDM - 10 : TRICHLOROETHENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-			-	----------	-	-				-
Jul-84			5	5	TOTAL STD	2.82111051					1
Oct-84			5	5	TOTAL Sx	0.31153954					2
Jan-85	5		5	5	TOTAL MEAN	3.9786747					3
Apr-85	7.4		5	5	TOTAL N	83	6.20				4
Jul-85	5		5	5	TOTAL df	82	5.80				5
Oct-85	10		5	5			6.85				6
Jan-86	5		5	5			6.85				7
Apr-86	5		5	5			6.25				8
Jul-86	5		5	5			6.25				9
Oct-86	1		5	5			4.00				10
Jan-87	1.2		5	5			3.05				11
Apr-87	1		5	5			2.05				12
Jul-87	1.5		5	5			1.18				13
Oct-87	1		5	5			1.18				14
Jan-88	1		5	5			1.13				15
Apr-88	1		5	5			1.13				16
Jul-88	1.5		5	5			1.13				17
Oct-88	1.6		5	5			1.28				18
Jan-89	1.8		5	5			1.48				19
Apr-89	1.6		5	5			1.63				20
Jul-89	1		5	5			1.50				21
Oct-89	1		5	5			1.35				22
Jan-90	1		5	5			1.15				23
Apr-90	1		5	5			1.00				24
Jul-90	1		5	5			1.00				25
Oct-90	1		5	5			1.00				26
Jan-91	10		5	5			3.25				27
Apr-91	2		5	5			3.50				28
Jul-91	2		5	5			3.75				29
Oct-91	2		5	5			4.00				30
Jan-92	2		5	5			2.00				31
Apr-92	1		5	5			1.75				32
Jul-92	1		5	5			1.50				33
Oct-92	1.25		5	5			1.31				34
Jan-93	1.88		5	5			1.28				35
Apr-93	1.5		5	5			1.41				36
Jul-93	2.5		5	5			1.78				37
Oct-93	2.5		5	5			2.10				38
Jan-94	2.5		5	5			2.25				39
Apr-94	2.5		5	5			2.50				40
Jul-94	2.5		5	5			2.50				41
Oct-94	3		5	5			2.63				42
Jan-95	3.1		5	5			2.78				43
Apr-95	3		5	5			2.90				44
Jul-95	2.7		5	5			2.95				45
Oct-95	2.5		5	2.5			2.83				46
Apr-96	10		5	10			6.30				47
Sep-96	10		5	10			10	10	09/17/96	semiannual	48
Apr-97	10		5	10			10	10	04/03/97	semiannual	49
Aug-97	10		5	10			10	10	08/27/97	semiannual	50
Mar-98	5		5	5			7.5	7.5	03/24/98	semiannual	51
Sep-98	1.2		5	5			3.1	3.1	09/22/98	semiannual	52
May-99	10		5	10			5.6	5.6	05/11/99	semiannual	53
Oct-99	10		5	10			10	10	10/05/99	semiannual	54
May-00	10		5	10			10	10	05/16/00	semiannual	55
Nov-00	5		5	5			7.5	7.5	11/28/00	semiannual	56
Apr-01	5		5	5			5	5	04/04/01	semiannual	57
Oct-01	5		5	5			5	5	10/18/01	semiannual	58
Apr-02	5		5	5			5	5	04/18/02	semiannual	59
Oct-02	5		5	5			5	5	10/03/02	semiannual	60
Apr-03	5		5	5			5	5	04/25/03	semiannual	61
Oct-03	5		5	5			5	5	10/03/03	semiannual	62
Apr-04	5		5	5			5	5	04/01/04	semiannual	63
Oct-04	5		5	5			5	5	10/19/04	semiannual	64
Apr-05	5		5	5			5	5	04/22/05	semiannual	65
Oct-05	5		5	5			5	5	10/07/05	semiannual	66
May-06	5		5	5			5	5	05/11/06	semiannual	67
Oct-06	6.2		5	5			5.6	5.6	10/18/06	semiannual	68
May-07	6.2		5	5			6.2	6.2	05/22/07	semiannual	69
Oct-07	6.2		5	5			6.2	6.2	10/25/07	semiannual	70
May-08	6.2		5	5			6.2	6.2	05/13/08	semiannual	71
Oct-08	6.2		5	5			6.2	6.2	10/18/09	semiannual	72
May-09	5		5	5			5.6	5.6	05/09/09	semiannual	73
Oct-09	5		5	5			5	5	10/29/09	semiannual	74
May-10	5		5	5			5	5	05/20/10	semiannual	75
Oct-10	5		5	5			5	5	10/18/10	semiannual	76
Jun-11	2		5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5		5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2		5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2		5	2			2	2	10/11/12	semiannual	80
May-13	2		5	2			2	2	05/17/13	semiannual	81
Oct-13	2		5	2			2	2	10/11/13	semiannual	82
May-14	10		5	10			6	6	05/05/14	semiannual	83
Oct-14	2		5	2			6	6	10/06/14	semiannual	84
Jul-15	2		5	2			2	2	07/09/15	annual	85

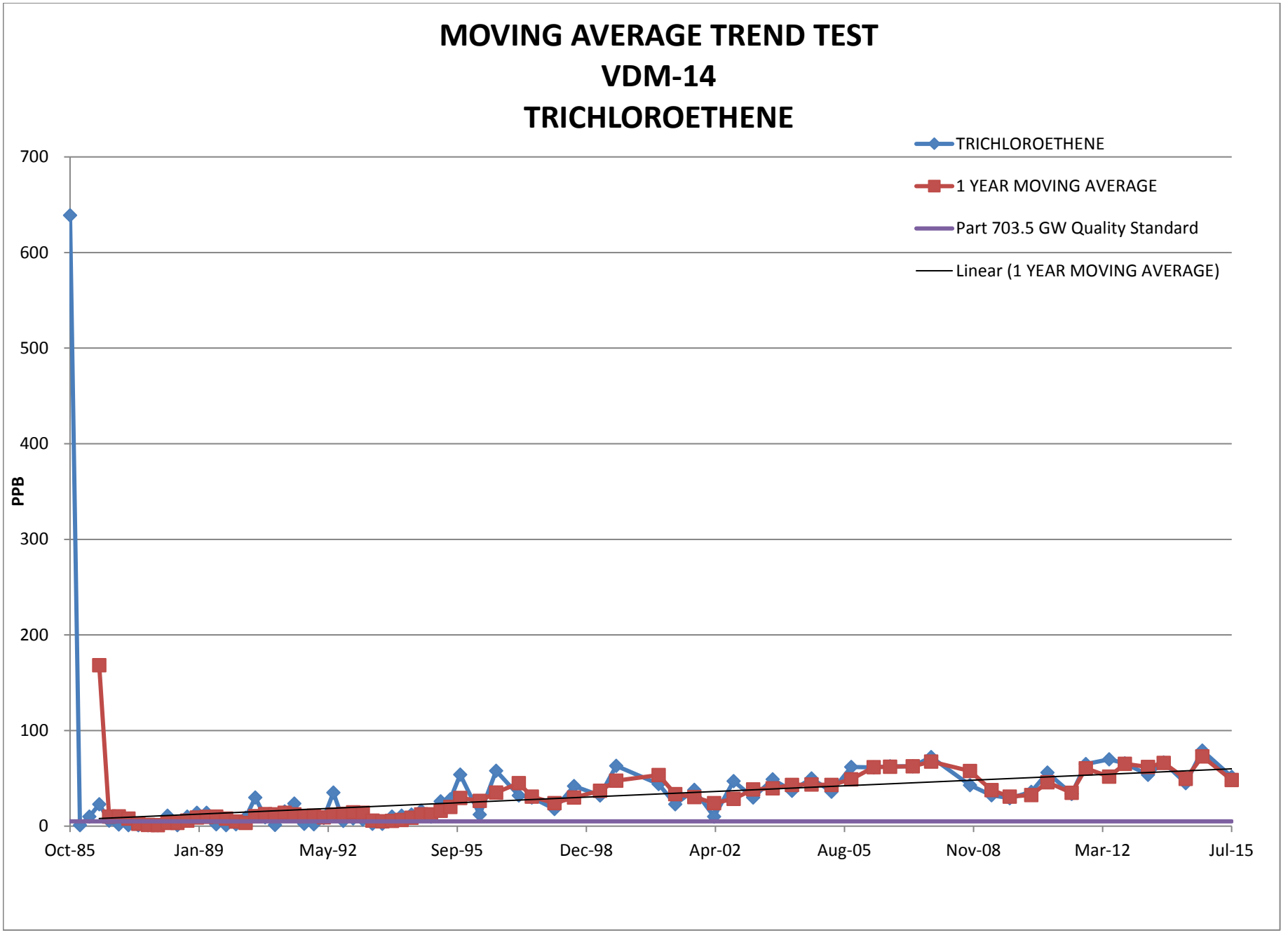
WELL VDM - 10 : TRICHLOROETHENE


MOVING AVERAGE TREND TEST
VDM-11
TRICHLOROETHENE
TRICHLOROETHENE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)
PPB
40
35
30
25
20
15
10
5
0
Jul-87
Aug-90
Sep-93
Nov-96
Dec-99
Jan-03
Mar-06
Apr-09
May-12
Jul-15

WELL VDM - 11 : TRICHLOROETHENE

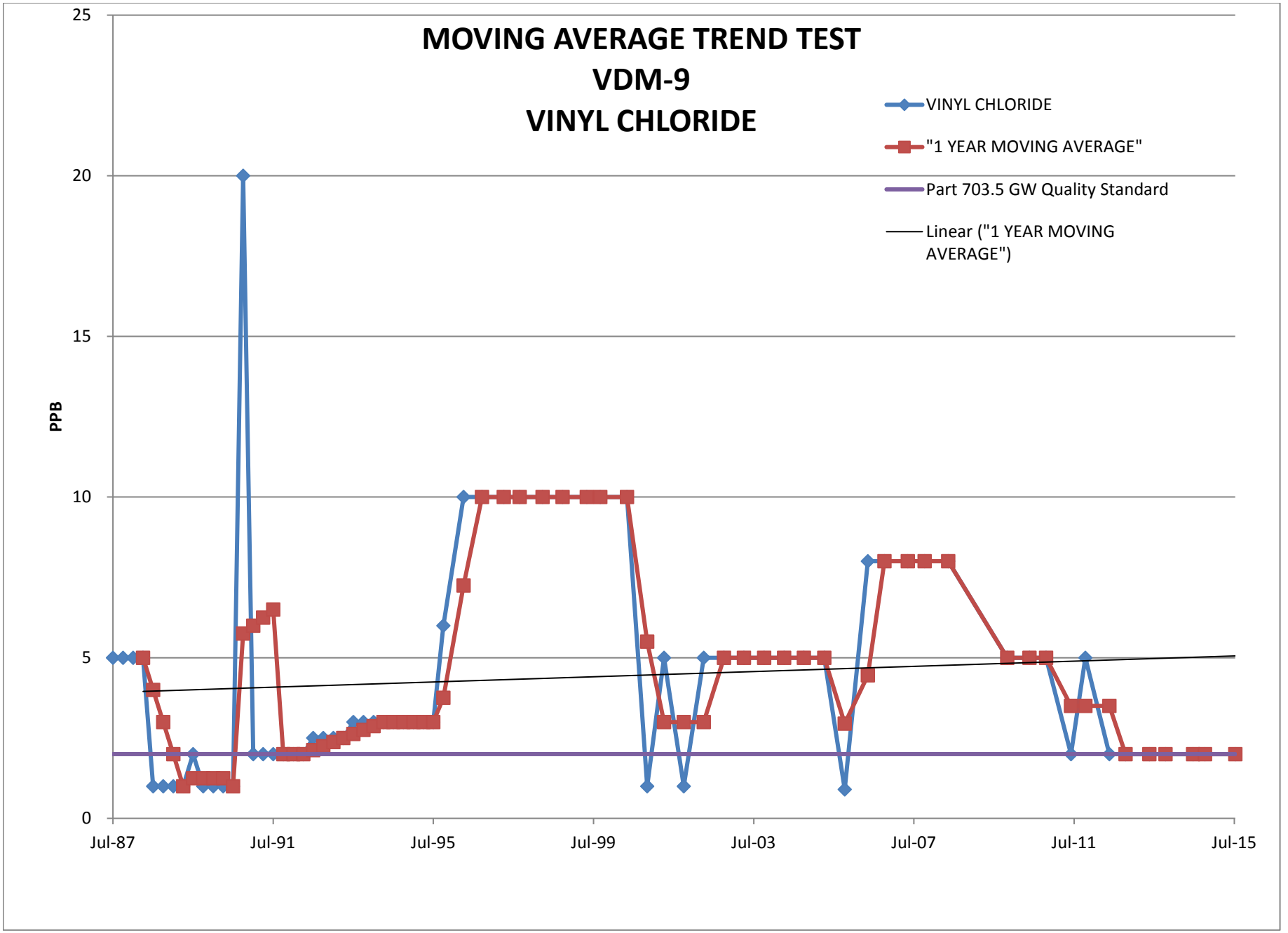
SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87			5	5	TOTAL STD	5.3085					1
Apr-87			5	5	TOTAL Sx	0.6256					2
Jul-87	6.8		5	5	TOTAL MEAN	5.1438					3
Oct-87	21.9		5	5	TOTAL N	73					4
Jan-88	6.5		5	5	TOTAL df	72					5
Apr-88	16.6		5	5			12.95				6
Jul-88	16.3		5	5			15.33				7
Oct-88	3.8		5	5			10.80				8
Jan-89	1.6		5	5			9.58				9
Apr-89	1		5	5			5.68				10
Jul-89	1		5	5			1.85				11
Oct-89	2.1		5	5			1.43				12
Jan-90	1		5	5			1.28				13
Apr-90	1		5	5			1.28				14
Jul-90	1		5	5			1.28				15
Oct-90	10		5	5			3.25				16
Jan-91	2		5	5			3.50				17
Apr-91	2		5	5			3.75				18
Jul-91	2		5	5			4.00				19
Oct-91	2		5	5			2.00				20
Jan-92	1.9		5	5			1.98				21
Apr-92	1.4		5	5			1.83				22
Jul-92	1.25		5	5			1.64				23
Oct-92	1.25		5	5			1.45				24
Jan-93	1.5		5	5			1.35				25
Apr-93	2.5		5	5			1.63				26
Jul-93	1.5		5	5			1.69				27
Oct-93	2.5		5	5			2.00				28
Jan-94	2.5		5	5			2.25				29
Apr-94	2.5		5	5			2.25				30
Jul-94	35		5	5			10.63				31
Oct-94	2.5		5	5			10.63				32
Jan-95	2.5		5	5			10.63				33
Apr-95	2.5		5	5			10.63				34
Jul-95	2.5		5	5			2.50				35
Oct-95	2.5		5	2.5			2.50				36
Apr-96	10		5	10			6.25				37
Sep-96	10		5	10			10	10	9/17/1996	semiannual	38
Apr-97	10		5	10			10	10	4/3/1997	semiannual	39
Aug-97	10		5	10			10	10	8/27/1997	semiannual	40
Mar-98	5		5	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	2.7		5	5			3.85	3.85	9/22/1998	semiannual	42
May-99	10		5	10			6.35	6.35	5/11/1999	semiannual	43
Oct-99	10		5	10			10	10	10/5/1999	semiannual	44
May-00	10		5	10			10	10	5/16/2000	semiannual	45
Nov-00	5		5	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5		5	5			5	5	4/4/2001	semiannual	47
Oct-01	1		5	5			3	3	10/18/2001	semiannual	48
Apr-02	5		5	5			3	3	4/18/2002	semiannual	49
Oct-02	5		5	5			5	5	10/3/2002	semiannual	50
Apr-03	5		5	5			5	5	4/25/2003	semiannual	51
Oct-03	5		5	5			5	5	10/3/2003	semiannual	52
Apr-04	5		5	5			5	5	4/1/2004	semiannual	53
Oct-04	5		5	5			5	5	10/19/2004	semiannual	54
Apr-05	5		5	5			5	5	4/22/2005	semiannual	55
Oct-05	0.7		5	5			2.85	2.85	10/7/2005	semiannual	56
May-06	6.2		5	5			3.45	3.45	5/11/2006	semiannual	57
Oct-06	6.2		5	5			6.2	6.2	10/18/2006	semiannual	58
May-07	6.2		5	5			6.2	6.2	5/22/2007	semiannual	59
Oct-07	6.2		5	5			6.2	6.2	10/25/2007	semiannual	60
May-08	6.2		5	5			6.2	6.2	5/8/2008	semiannual	61
Oct-08	6.2		5	5			6.2	6.2	10/23/2008	semiannual	62
May-09	5		5	5			5.6	5.6	5/12/2009	semiannual	63
Oct-09	5		5	5			5	5	10/29/2009	semiannual	64
May-10	5		5	5			5	5	5/20/2010	semiannual	65
Oct-10	5		5	5			5	5	10/18/2010	semiannual	66
Jun-11	2		5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5		5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2		5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2		5	2			2	2	10/11/2012	semiannual	70
May-13	2		5	2			2	2	5/17/2013	semiannual	71
Oct-13	2		5	2			2	2	10/11/2013	semiannual	72
May-14	10		5	10			6	6	5/5/2014	semiannual	73
Oct-14	2		5	2			6	6	10/6/2014	semiannual	74
Jul-15	2		5	2			2	2	7/9/2015	annual	75

MOVING AVERAGE TREND TEST
VDM-14
TRICHLOROETHENE



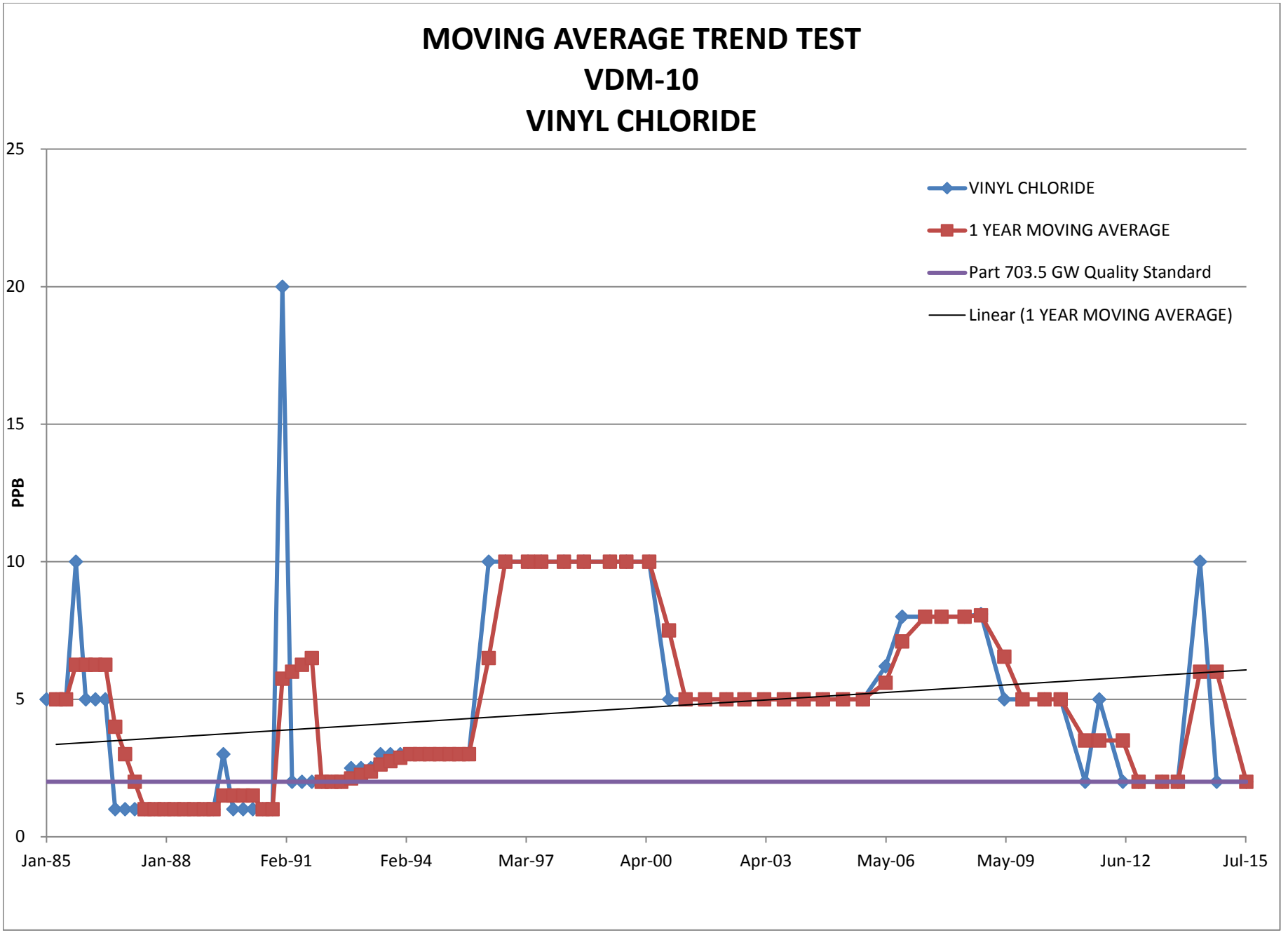
WELL VDM - 14 : TRICHLOROETHENE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	639		5	5	TOTAL STD	72.3901					1
Jan-86	1		5	5	TOTAL Sx	8.249617					2
Apr-86	10		5	5	TOTAL MEAN	35.48					3
Jul-86	23		5	5	TOTAL N	78	168.25				4
Oct-86	5.8		5	5	TOTAL df	77	9.95				5
Jan-87	1.7		5	5			10.13				6
Apr-87	1		5	5			7.88				7
Jul-87	1		5	5			2.38				8
Oct-87	1		5	5			1.18				9
Jan-88	1		5	5			1.00				10
Apr-88	11		5	5			3.50				11
Jul-88	1		5	5			3.50				12
Oct-88	10		5	5			5.75				13
Jan-89	14		5	5			9.00				14
Apr-89	14		5	5			9.75				15
Jul-89	2		5	5			10.00				16
Oct-89	1		5	5			7.75				17
Jan-90	2		5	5			4.75				18
Apr-90	8.8		5	5			3.45				19
Jul-90	30		5	5			10.45				20
Oct-90	9.2		5	5			12.50				21
Jan-91	1.25		5	5			12.31				22
Apr-91	15.4		5	5			13.96				23
Jul-91	23.7		5	5			12.39				24
Oct-91	2.5		5	5			10.71				25
Jan-92	1.89		5	5			10.87				26
Apr-92	8.6		5	5			9.17				27
Jul-92	35		5	5			12.00				28
Oct-92	5.6		5	5			12.77				29
Jan-93	8.1		5	5			14.33				30
Apr-93	7		5	5			13.93				31
Jul-93	2.5		5	5			5.80				32
Oct-93	2.5		5	5			5.03				33
Jan-94	10		5	5			5.50				34
Apr-94	11		5	5			6.50				35
Jul-94	12		5	5			8.88				36
Oct-94	16		5	5			12.25				37
Jan-95	10		5	5			12.25				38
Apr-95	26		5	5			16.00				39
Jul-95	28		5	5			20.00				40
Oct-95	54		5	5			29.50				41
Apr-96	12		5	5			26.5				42
Sep-96	58		5	10			35	35	9/17/1996	semiannual	43
Apr-97	32		5	10			45	45	4/3/1997	semiannual	44
Aug-97	*30*		5	100			31	31	8/27/1997	semiannual	45
Mar-98	18		5	5			24	24	3/24/1998	semiannual	46
Sep-98	42		5	5			30	30	9/22/1998	semiannual	47
May-99	32		5	10			37	37	5/11/1999	semiannual	48
Oct-99	63		5	10			47.5	47.5	10/5/1999	semiannual	49
Nov-00	44		5	5			53.5	53.5	11/28/2000	semiannual	50
Apr-01	23		5	5			33.5	33.5	4/4/2001	semiannual	51
Oct-01	38		5	5			30.5	30.5	10/18/2001	semiannual	52
Apr-02	10		5	5			24	24	4/18/2002	semiannual	53
Oct-02	47		5	25			28.5	28.5	10/18/2001	semiannual	54
Apr-03	30		5	10			38.5	38.5	4/25/2003	semiannual	55
Oct-03	49		5	5			39.5	39.5	10/3/2003	semiannual	56
Apr-04	37		5	5			43	43	4/1/2004	semiannual	57
Oct-04	50		5	10			43.5	49.5	10/19/2004	semiannual	58
Apr-05	36		5	10			43	42.5	4/22/2005	semiannual	59
Oct-05	62		5	10			49	55.5	10/7/2005	semiannual	60
May-06	61.5		5	10			61.75	55.25	5/11/2006	semiannual	61
Oct-06	62.6		5	10			62.05	55.8	10/18/2006	semiannual	62
May-07	62.6		5	10			62.6	46.3	5/22/2007	semiannual	63
Oct-07	72.3		5	10			67.45	60.65	10/25/2007	semiannual	63
Oct-08	42.9		5	10			57.6	46.45	10/23/2008	semiannual	64
May-09	32.4		5	25			37.65	34.2	5/12/2009	semiannual	65
Oct-09	29.3		5	25			30.85	45.65	10/29/2009	semiannual	66
May-10	35.9		5	25			32.6	48.7	5/20/2010	semiannual	67
Oct-10	56.1		5	25			46	59.35	10/18/2010	semiannual	68
Jun-11	33.7		5	25			34.8	48.15	6/2/2011	semiannual	69
Oct-11	65		5	50			60.55	63.8	10/12/2011	semiannual	70
May-12	69.9		5	2			51.8	71.1	5/18/2012	semiannual	71
Oct-12	65.6		5	2			65.3	54.25	10/11/2012	semiannual	72
May-13	53.7		5	2			61.8	43.05	5/17/2013	semiannual	73
Oct-13	66.7		5	2			66.15	48	10/11/2013	semiannual	74
May-14	45.1		5	2			49.4	40.5	5/5/2014	semiannual	75
Oct-14	79		5	2			72.85	67.55	10/6/2014	semiannual	76
Jul-15	51.6		5	2			48.35	42.65	7/9/2015	annual	77


MOVING AVERAGE TREND TEST
VDM-9
VINYL CHLORIDE
PPB
25
20
15
10
5
0
Jul-87
Jul-91
Jul-95
Jul-99
Jul-03
Jul-07
Jul-11
Jul-15
VINYL CHLORIDE
"1 YEAR MOVING AVERAGE"
Part 703.5 GW Quality Standard
Linear ("1 YEAR MOVING AVERAGE")

WELL VDM - 9 : VINYL CHLORIDE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87			2	2	TOTAL STD	3.449879					1
Apr-87			2	2	TOTAL Sx	0.412339					2
Jul-87	5		2	2	TOTAL MEAN	4.421127					3
Oct-87	5		2	2	TOTAL N	71					4
Jan-88	5		2	2	TOTAL df	70					5
Apr-88	5		2	2			5.00				6
Jul-88	1		2	2			4.00				7
Oct-88	1		2	2			3.00				8
Jan-89	1		2	2			2.00				9
Apr-89	1		2	2			1.00				10
Jul-89	2		2	2			1.25				11
Oct-89	1		2	2			1.25				12
Jan-90	1		2	2			1.25				13
Apr-90	1		2	2			1.25				14
Jul-90	1		2	2			1.00				15
Oct-90	20		2	2			5.75				16
Jan-91	2		2	2			6.00				17
Apr-91	2		2	2			6.25				18
Jul-91	2		2	2			6.50				19
Oct-91	2		2	2			2.00				20
Jan-92	2		2	2			2.00				21
Apr-92	2		2	2			2.00				22
Jul-92	2.5		2	2			2.13				23
Oct-92	2.5		2	2			2.25				24
Jan-93	2.5		2	2			2.38				25
Apr-93	2.5		2	2			2.50				26
Jul-93	3		2	2			2.63				27
Oct-93	3		2	2			2.75				28
Jan-94	3		2	2			2.88				29
Apr-94	3		2	2			3.00				30
Jul-94	3		2	2			3.00				31
Oct-94	3		2	2			3.00				32
Jan-95	3		2	2			3.00				33
Apr-95	3		2	2			3.00				34
Jul-95	3		2	2			3.00				35
Oct-95	6		2	6			3.75				36
Apr-96	10		2	10			7.25	7.25	04/01/96	semiannual	37
Sep-96	10		2	10			10	10	09/17/96	semiannual	38
Apr-97	10		2	10			10	10	04/03/97	semiannual	39
Aug-97	10		2	10			10	10	08/27/97	semiannual	40
Mar-98	10		2	10			10	10	03/24/98	semiannual	41
Sep-98	10		2	10			10	10	09/22/98	semiannual	42
May-99	10		2	10			10	10	05/11/99	semiannual	43
Sep-99	10		2	10			10	10	09/29/99	semiannual	44
May-00	10		2	10			10	10	05/16/00	semiannual	45
Nov-00	1		2	5			5.5	5.5	11/28/00	semiannual	46
Apr-01	5		2	5			3	3	04/04/01	semiannual	47
Oct-01	1		2	5			3	3	10/18/01	semiannual	48
Apr-02	5		2	5			3	3	04/18/02	semiannual	49
Oct-02	5		2	5			5	5	10/03/02	semiannual	50
Apr-03	5		2	5			5	5	04/25/03	semiannual	51
Oct-03	5		2	5			5	5	10/03/03	semiannual	52
Apr-04	5		2	5			5	5	04/01/04	semiannual	53
Oct-04	5		2	5			5	5	10/19/04	semiannual	54
Apr-05	5		2	5			5	5	04/22/05	semiannual	55
Oct-05	0.9		2	5			2.95	2.95	10/07/05	semiannual	56
May-06	8		2	5			4.45	4.45	05/11/06	semiannual	57
Oct-06	8		2	5			8	8	10/18/06	semiannual	58
May-07	8		2	5			8	8	05/22/07	semiannual	59
Oct-07	8		2	5			8	8	10/25/07	semiannual	60
May-08	8		2	5			8	8	05/13/08	semiannual	61
Oct-09	5		2	5			5	6.5	10/29/09	semiannual	64
May-10	5		2	5			5	5	05/20/10	semiannual	65
Oct-10	5		2	5			5	5	10/18/10	semiannual	66
Jun-11	2		2	2			3.5	3.5	06/02/11	semiannual	67
Oct-11	5		2	5			3.5	3.5	10/12/11	semiannual	68
May-12	2		2	2			3.5	3.5	05/18/12	semiannual	69
Oct-12	2		2	2			2	2	10/11/12	semiannual	70
May-13	2		2	2			2	2	05/17/13	semiannual	71
Oct-13	2		2	2			2	2	10/11/13	semiannual	72
Jun-14	2		2	2			2	2	06/20/14	semiannual	73
Oct-14	2		2	2			2	2	10/06/14	semiannual	74
Jul-15	2		2	2			2	2	07/09/15	annual	75

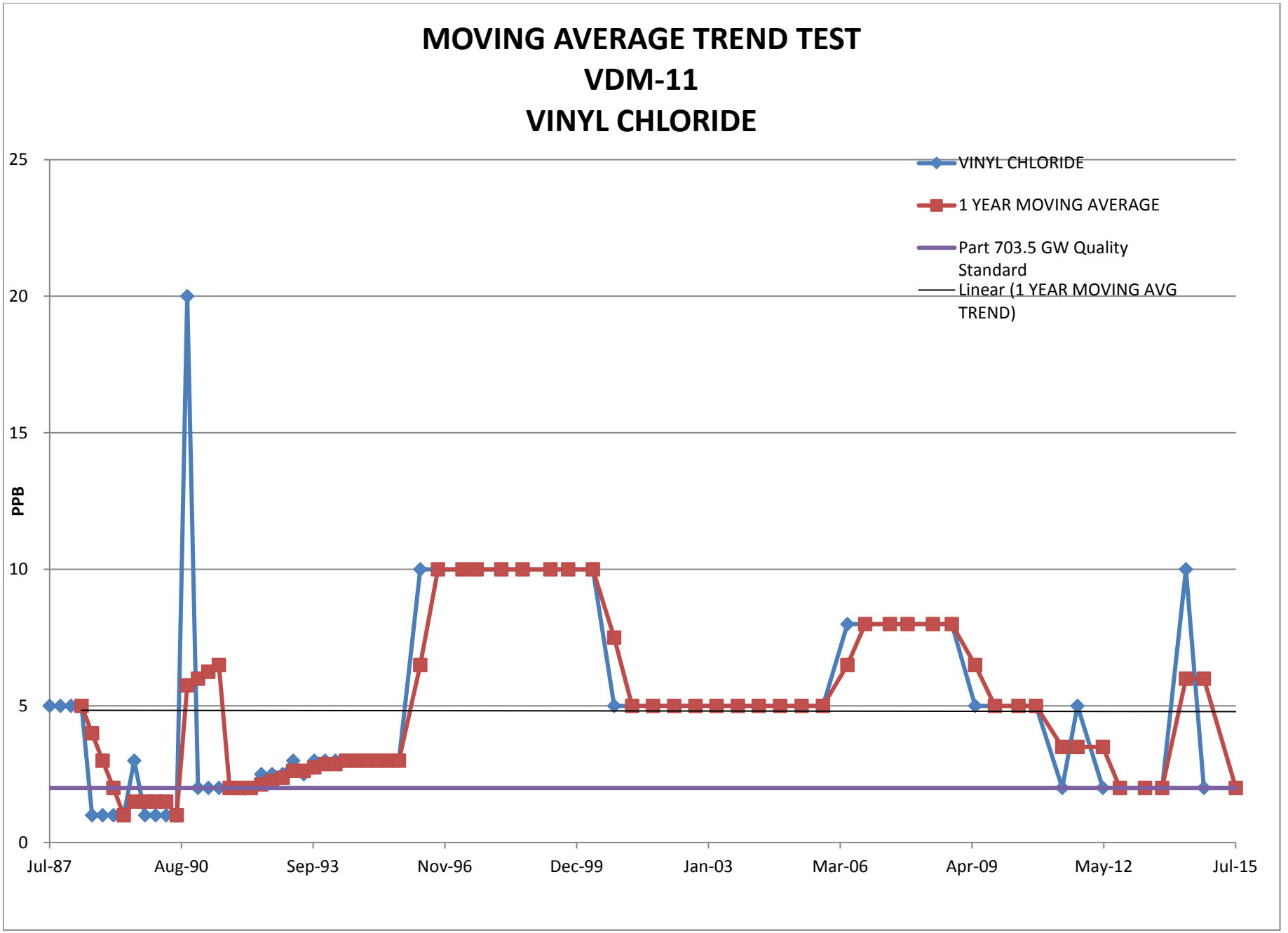

MOVING AVERAGE TREND TEST
VDM-10
VINYL CHLORIDE
PPB
25
20
15
10
5
0
Jan-85
Jan-88
Feb-91
Feb-94
Mar-97
Apr-00
Apr-03
May-06
May-09
Jun-12
Jul-15
VINYL CHLORIDE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 10 : VINYL CHLORIDE

WELL VDM - 10 : VINYL CHLORIDE

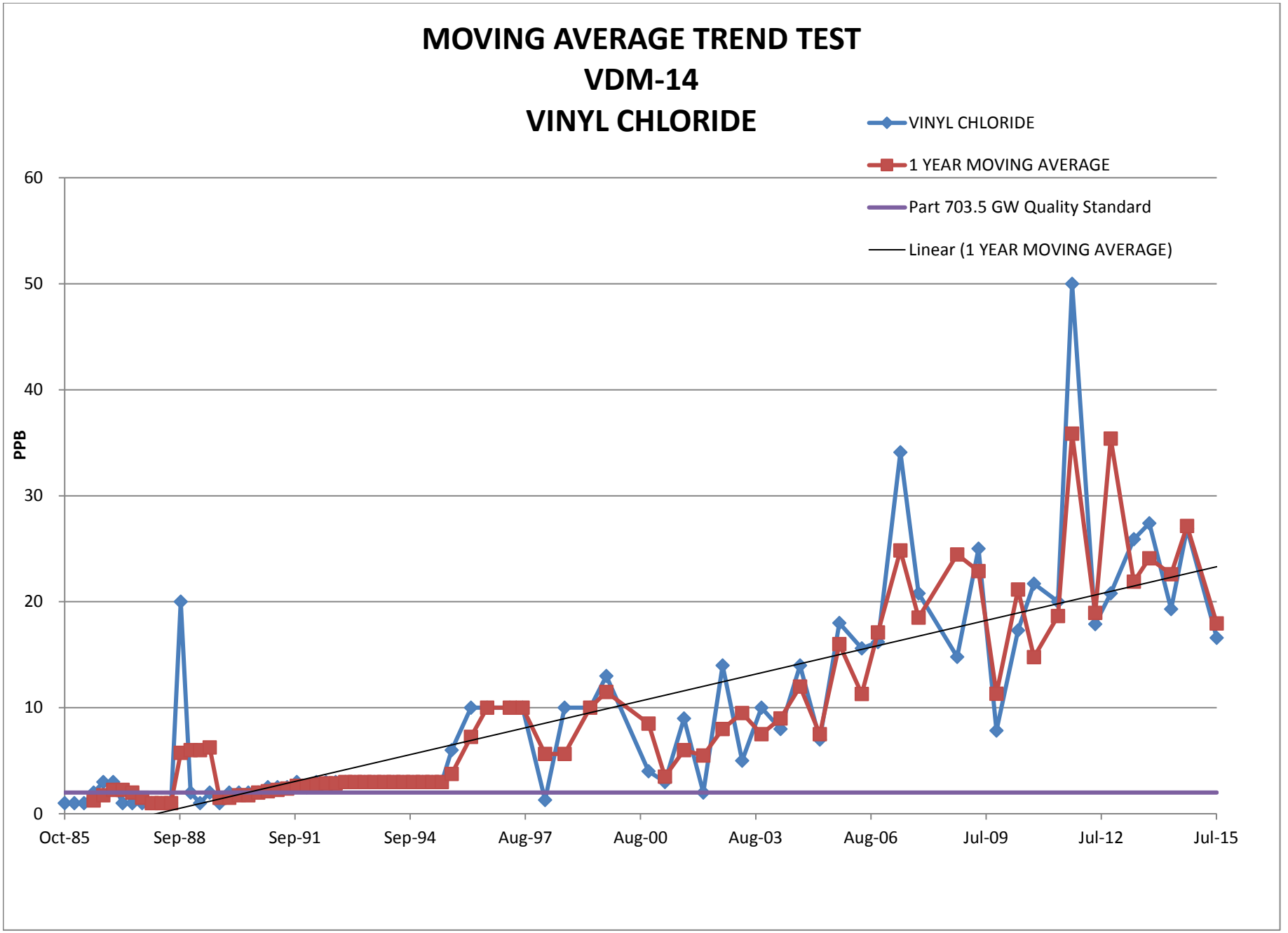
SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-			-	----------	-	-				-
Jul-84			2	2	TOTAL STD	3.39575187					1
Oct-84			2	2	TOTAL Sx	0.37499806					2
Jan-85	5		2	2	TOTAL MEAN	4.44337349					3
Apr-85	5		2	2	TOTAL N	83	5.00				4
Jul-85	5		2	2	TOTAL df	82	5.00				5
Oct-85	10		2	2			6.25				6
Jan-86	5		2	2			6.25				7
Apr-86	5		2	2			6.25				8
Jul-86	5		2	2			6.25				9
Oct-86	1		2	2			4.00				10
Jan-87	1		2	2			3.00				11
Apr-87	1		2	2			2.00				12
Jul-87	1		2	2			1.00				13
Oct-87	1		2	2			1.00				14
Jan-88	1		2	2			1.00				15
Apr-88	1		2	2			1.00				16
Jul-88	1		2	2			1.00				17
Oct-88	1		2	2			1.00				18
Jan-89	1		2	2			1.00				19
Apr-89	1		2	2			1.00				20
Jul-89	3		2	2			1.50				21
Oct-89	1		2	2			1.50				22
Jan-90	1		2	2			1.50				23
Apr-90	1		2	2			1.50				24
Jul-90	1		2	2			1.00				25
Oct-90	1		2	2			1.00				26
Jan-91	20		2	2			5.75				27
Apr-91	2		2	2			6.00				28
Jul-91	2		2	2			6.25				29
Oct-91	2		2	2			6.50				30
Jan-92	2		2	2			2.00				31
Apr-92	2		2	2			2.00				32
Jul-92	2		2	2			2.00				33
Oct-92	2.5		2	2			2.13				34
Jan-93	2.5		2	2			2.25				35
Apr-93	2.5		2	2			2.38				36
Jul-93	3		2	2			2.63				37
Oct-93	3		2	2			2.75				38
Jan-94	3		2	2			2.88				39
Apr-94	3		2	2			3.00				40
Jul-94	3		2	2			3.00				41
Oct-94	3		2	2			3.00				42
Jan-95	3		2	2			3.00				43
Apr-95	3		2	2			3.00				44
Jul-95	3		2	2			3.00				45
Oct-95	3		2	3			3.00				46
Apr-96	10		2	10			6.50				47
Sep-96	10		2	10			10	10	09/17/96	semiannual	48
Apr-97	10		2	10			10	10	04/03/97	semiannual	49
Aug-97	10		2	10			10	10	08/27/97	semiannual	50
Mar-98	10		2	10			10	10	03/24/98	semiannual	51
Sep-98	10		2	10			10	10	09/22/98	semiannual	52
May-99	10		2	10			10	10	05/11/99	semiannual	53
Oct-99	10		2	10			10	10	10/05/99	semiannual	54
May-00	10		2	10			10	10	05/16/00	semiannual	55
Nov-00	5		2	5			7.5	7.5	11/28/00	semiannual	56
Apr-01	5		2	5			5	5	04/04/01	semiannual	57
Oct-01	5		2	5			5	5	10/18/01	semiannual	58
Apr-02	5		2	5			5	5	04/18/02	semiannual	59
Oct-02	5		2	5			5	5	10/03/02	semiannual	60
Apr-03	5		2	5			5	5	04/25/03	semiannual	61
Oct-03	5		2	5			5	5	10/03/03	semiannual	62
Apr-04	5		2	5			5	5	04/01/04	semiannual	63
Oct-04	5		2	5			5	5	10/19/04	semiannual	64
Apr-05	5		2	5			5	5	04/22/05	semiannual	65
Oct-05	5		2	5			5	5	10/07/05	semiannual	66
May-06	6.2		2	5			5.6	5.6	05/11/06	semiannual	67
Oct-06	8		2	5			7.1	7.1	10/18/06	semiannual	68
May-07	8		2	5			8	8	05/22/07	semiannual	69
Oct-07	8		2	5			8	8	10/25/07	semiannual	70
May-08	8		2	5			8	8	05/13/08	semiannual	71
Oct-08	8.1		2	5			8.05	8.05	10/18/08	semiannual	72
May-09	5		2	5			6.55	6.55	05/12/09	semiannual	73
Oct-09	5		2	5			5	5	10/29/09	semiannual	74
May-10	5		2	5			5	5	05/20/10	semiannual	75
Oct-10	5		2	5			5	5	10/18/10	semiannual	76
Jun-11	2		2	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5		2	5			3.5	3.5	10/12/11	semiannual	78
May-12	2		2	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2		2	2			2	2	10/11/12	semiannual	80
May-13	2		2	2			2	2	05/17/13	semiannual	81
Oct-13	2		2	2			2	2	10/11/13	semiannual	82
May-14	10		2	10			6	6	05/05/14	semiannual	83
Oct-14	2		2	2			6	6	10/06/14	semiannual	84
Jul-15	2		2	2			2	2	07/09/15	semiannual	85

MOVING AVERAGE TREND TEST
VDM-11
VINYL CHLORIDE



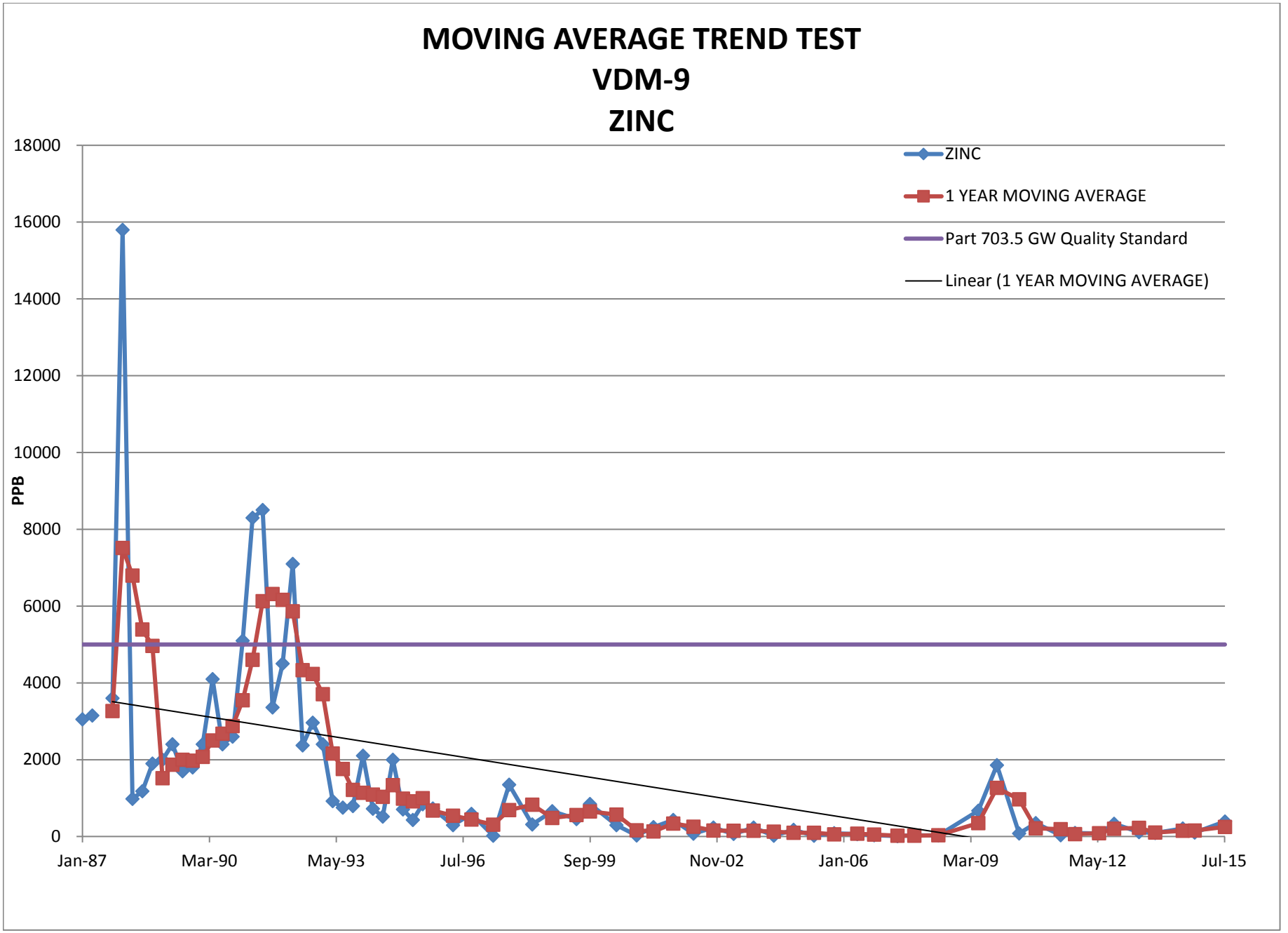
WELL VDM - 11 : VINYL CHLORIDE

SAMPLING EVENT NO.	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-			-	-	-	-				-
Jan-87			2	2	TOTAL STD	3.3872					1
Apr-87			2	2	TOTAL Sx	0.3992					2
Jul-87	5		2	2	TOTAL MEAN	4.7260					3
Oct-87	5		2	2	TOTAL N	73					4
Jan-88	5		2	2	TOTAL df	72					5
Apr-88	5		2	2			5.00				6
Jul-88	1		2	2			4.00				7
Oct-88	1		2	2			3.00				8
Jan-89	1		2	2			2.00				9
Apr-89	1		2	2			1.00				10
Jul-89	3		2	2			1.50				11
Oct-89	1		2	2			1.50				12
Jan-90	1		2	2			1.50				13
Apr-90	1		2	2			1.50				14
Jul-90	1		2	2			1.00				15
Oct-90	20		2	2			5.75				16
Jan-91	2		2	2			6.00				17
Apr-91	2		2	2			6.25				18
Jul-91	2		2	2			6.50				19
Oct-91	2		2	2			2.00				20
Jan-92	2		2	2			2.00				21
Apr-92	2		2	2			2.00				22
Jul-92	2.5		2	2			2.13				23
Oct-92	2.5		2	2			2.25				24
Jan-93	2.5		2	2			2.38				25
Apr-93	3		2	2			2.63				26
Jul-93	2.5		2	2			2.63				27
Oct-93	3		2	2			2.75				28
Jan-94	3		2	2			2.88				29
Apr-94	3		2	2			2.88				30
Jul-94	3		2	2			3.00				31
Oct-94	3		2	2			3.00				32
Jan-95	3		2	2			3.00				33
Apr-95	3		2	2			3.00				34
Jul-95	3		2	2			3.00				35
Oct-95	3		2	3			3.00				36
Apr-96	10		2	10			6.5				37
Sep-96	10		2	10			10	10	9/17/1996	semiannual	38
Apr-97	10		2	10			10	10	4/3/1997	semiannual	39
Aug-97	10		2	10			10	10	8/27/1997	semiannual	40
Mar-98	10		2	10			10	10	3/24/1998	semiannual	41
Sep-98	10		2	10			10	10	9/22/1998	semiannual	42
May-99	10		2	10			10	10	5/11/1999	semiannual	43
Oct-99	10		2	10			10	10	10/5/1999	semiannual	44
May-00	10		2	10			10	10	5/16/2000	semiannual	45
Nov-00	5		2	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5		2	5			5	5	4/4/2001	semiannual	47
Oct-01	5		2	5			5	5	10/18/2001	semiannual	48
Apr-02	5		2	5			5	5	4/18/2002	semiannual	49
Oct-02	5		2	5			5	5	10/3/2002	semiannual	50
Apr-03	5		2	5			5	5	4/25/2003	semiannual	51
Oct-03	5		2	5			5	5	10/3/2003	semiannual	52
Apr-04	5		2	5			5	5	4/1/2004	semiannual	53
Oct-04	5		2	5			5	5	10/19/2004	semiannual	54
Apr-05	5		2	5			5	5	4/22/2005	semiannual	55
Oct-05	5		2	5			5	5	10/7/2005	semiannual	56
May-06	8		2	5			6.5	6.5	5/11/2006	semiannual	57
Oct-06	8		2	5			8	8	10/18/2006	semiannual	58
May-07	8		2	5			8	8	5/22/2007	semiannual	59
Oct-07	8		2	5			8	8	10/25/2007	semiannual	60
May-08	8		2	5			8	8	5/13/2008	semiannual	61
Oct-08	8		2	5			8	8	10/23/2008	semiannual	62
May-09	5		2	5			6.5	6.5	5/12/2009	semiannual	63
Oct-09	5		2	5			5	5	10/29/2009	semiannual	64
May-10	5		2	5			5	5	5/20/2010	semiannual	65
Oct-10	5		2	5			5	5	10/18/2010	semiannual	66
Jun-11	2		2	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5		2	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2		2	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2		2	2			2	2	10/11/2012	semiannual	70
May-13	2		2	2			2	2	5/17/2013	semiannual	71
Oct-13	2		2	2			2	2	10/11/2013	semiannual	72
May-14	10		2	10			6	6	5/5/2014	semiannual	73
Oct-14	2		2	2			6	6	10/6/2014	semiannual	74
Jul-15	2		2	2			2	2	7/9/2015	annual	75


MOVING AVERAGE TREND TEST
VDM-14
VINYL CHLORIDE
VINYL CHLORIDE
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)
PPB
60
50
40
30
20
10
0
Oct-85
Sep-88
Sep-91
Sep-94
Aug-97
Aug-00
Aug-03
Aug-06
Jul-09
Jul-12
Jul-15

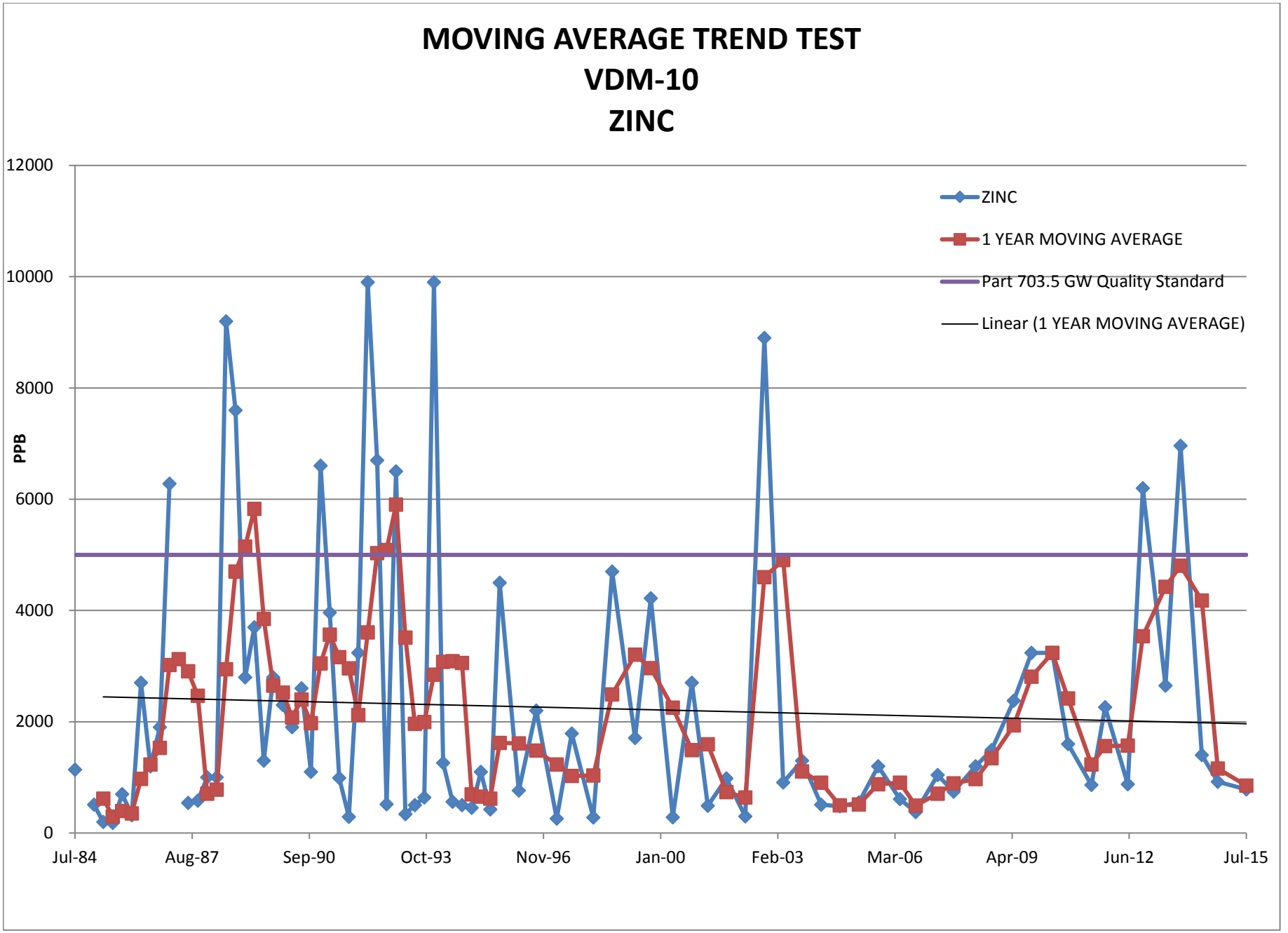
WELL VDM - 14 : VINYL CHLORIDE

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	1		2	2	TOTAL STD	9.343757					1
Jan-86	1		2	2	TOTAL Sx	1.06482					2
Apr-86	1		2	2	TOTAL MEAN	8.698077					3
Jul-86	2		2	2	TOTAL N	78	1.25				4
Oct-86	3		2	2	TOTAL df	77	1.75				5
Jan-87	3		2	2			2.25				6
Apr-87	1		2	2			2.25				7
Jul-87	1		2	2			2.00				8
Oct-87	1		2	2			1.50				9
Jan-88	1		2	2			1.00				10
Apr-88	1		2	2			1.00				11
Jul-88	1		2	2			1.00				12
Oct-88	20		2	2			5.75				13
Jan-89	2		2	2			6.00				14
Apr-89	1		2	2			6.00				15
Jul-89	2		2	2			6.25				16
Oct-89	1		2	2			1.50				17
Jan-90	2		2	2			1.50				18
Apr-90	2		2	2			1.75				19
Jul-90	2		2	2			1.75				20
Oct-90	2		2	2			2.00				21
Jan-91	2.5		2	2			2.13				22
Apr-91	2.5		2	2			2.25				23
Jul-91	2.5		2	2			2.38				24
Oct-91	3		2	2			2.63				25
Jan-92	2.5		2	2			2.63				26
Apr-92	3		2	2			2.75				27
Jul-92	3		2	2			2.88				28
Oct-92	3		2	2			2.88				29
Jan-93	3		2	2			3.00				30
Apr-93	3		2	2			3.00				31
Jul-93	3		2	2			3.00				32
Oct-93	3		2	2			3.00				33
Jan-94	3		2	2			3.00				34
Apr-94	3		2	2			3.00				35
Jul-94	3		2	2			3.00				36
Oct-94	3		2	2			3.00				37
Jan-95	3		2	2			3.00				38
Apr-95	3		2	2			3.00				39
Jul-95	3		2	2			3.00				40
Oct-95	6		2	6			3.75				41
Apr-96	10		2	10			7.25				42
Sep-96	10		2	10			10	10	9/17/1996	semiannual	43
Apr-97	10		2	10			10	10	4/3/1997	semiannual	44
Aug-97	*10*		2	100			10	10	8/27/1997	semiannual	45
Mar-98	1.3		2	10			5.65	5.65	3/24/1998	semiannual	46
Sep-98	10		2	10			5.65	5.65	9/22/1998	semiannual	47
May-99	10		2	10			10	10	5/11/1999	semiannual	48
Oct-99	13		2	10			11.5	11.5	10/5/1999	semiannual	49
Nov-00	4		2	5			8.5	8.5	11/28/2000	semiannual	50
Apr-01	3		2	5			3.5	3.5	4/4/2001	semiannual	51
Oct-01	9		2	5			6	6	10/18/2001	semiannual	52
Apr-02	2		2	5			5.5	5.5	4/18/2002	semiannual	53
Oct-02	14		2	25			8	8	10/3/2002	semiannual	54
Apr-03	5		2	10			9.5	9.5	4/25/2003	semiannual	55
Oct-03	10		2	5			7.5	7.5	10/3/2003	semiannual	56
Apr-04	8		2	10			9	9	4/1/2004	semiannual	57
Oct-04	14		2	10			12	12	10/19/2004	semiannual	58
Apr-05	7		2	10			7.5	7.5	4/22/2005	semiannual	59
Oct-05	18		2	10			16	16	10/7/2005	semiannual	60
May-06	15.6		2	10			11.3	11.3	5/11/2006	semiannual	61
Oct-06	16.2		2	10			17.1	17.1	10/18/2006	semiannual	62
May-07	34.1		2	10			24.85	24.85	5/22/2007	semiannual	63
Oct-07	20.8		2	10			18.5	18.5	10/25/2007	semiannual	64
Oct-08	14.8		2	10			24.45	24.45	10/23/2008	semiannual	65
May-09	25		2	25			22.9	22.9	5/12/2009	semiannual	66
Oct-09	7.85		2	25			11.325	11.325	10/29/2009	semiannual	67
May-10	17.3		2	25			21.15	21.15	5/20/2010	semiannual	68
Oct-10	21.7		2	25			14.775	14.775	10/18/2010	semiannual	69
Jun-11	20		2	20			18.65	18.65	6/2/2011	semiannual	70
Oct-11	50		2	50			35.85	35.85	10/12/2011	semiannual	71
May-12	17.9		2	2			18.95	18.95	5/18/2012	semiannual	72
Oct-12	20.8		2	2			35.4	35.4	10/11/2012	semiannual	73
May-13	25.9		2	2			21.9	21.9	5/17/2013	semiannual	74
Oct-13	27.4		2	2			24.1	24.1	10/11/2013	semiannual	75
May-14	19.3		2	2			22.6	22.6	5/5/2014	semiannual	76
Oct-14	26.9		2	2			27.15	27.15	10/2/2014	semiannual	77
Jul-15	16.6		2	2			17.95	17.95	7/9/2015	annual	78


MOVING AVERAGE TREND TEST
VDM-9
ZINC
PPB
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Jan-87
Mar-90
May-93
Jul-96
Sep-99
Nov-02
Jan-06
Mar-09
May-12
Jul-15
ZINC
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 9 : ZINC

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	3050		5000	300	TOTAL STD	2477.791					1
Apr-87	3150		5000	300	TOTAL Sx	292.0104					2
Jul-87			5000	300	TOTAL MEAN	1577.123					3
Oct-87	3600		5000	300	TOTAL N	73	3266.667				4
Jan-88	15800		5000	300	TOTAL df	72	7516.667				5
Apr-88	980		5000	300			6793.333				6
Jul-88	1180		5000	300			5390				7
Oct-88	1900		5000	300			4965				8
Jan-89	2000		5000	300			1515				9
Apr-89	2400		5000	300			1870				10
Jul-89	1700		5000	300			2000				11
Oct-89	1800		5000	300			1975				12
Jan-90	2400		5000	300			2075				13
Apr-90	4100		5000	300			2500				14
Jul-90	2400		5000	300			2675				15
Oct-90	2600		5000	300			2875				16
Jan-91	5100		5000	300			3550				17
Apr-91	8300		5000	300			4600				18
Jul-91	8500		5000	300			6125				19
Oct-91	3360		5000	300			6315				20
Jan-92	4500		5000	300			6165				21
Apr-92	7100		5000	300			5865				22
Jul-92	2370		5000	300			4332.5				23
Oct-92	2960		5000	300			4232.5				24
Jan-93	2400		5000	300			3707.5				25
Apr-93	920		5000	300			2162.5				26
Jul-93	750		5000	300			1757.5				27
Oct-93	790		5000	300			1215				28
Jan-94	2100		5000	300			1140				29
Apr-94	720		5000	300			1090				30
Jul-94	520		5000	300			1032.5				31
Oct-94	2000		5000	300			1335				32
Jan-95	707		5000	300			986.75				33
Apr-95	430		5000	300			914.25				34
Jul-95	842		5000	300			994.75				35
Oct-95	730		5000	20			677.25				36
Apr-96	293		5000	20			539.5	539.5			37
Sep-96	590		5000	20			441.5	441.5	09/17/96	semiannual	38
Apr-97	20		5000	20			305	305	04/03/97	semiannual	39
Aug-97	1350		5000	20			685	685	08/27/97	semiannual	40
Mar-98	310		5000	10			830	830	03/24/98	semiannual	41
Sep-98	660		5000				485	485	09/22/98	semiannual	42
May-99	455		5000	16			557.5	557.5	05/11/99	semiannual	43
Sep-99	844		5000	16			649.5	649.5	09/29/99	semiannual	44
May-00	295		5000	16			569.5	569.5	05/16/00	semiannual	45
Nov-00	26		5000	26			160.5	160.5	11/28/00	semiannual	46
Apr-01	240		5000	26			133	133	04/04/01	semiannual	47
Oct-01	430		5000	20			335	335	10/18/01	semiannual	48
Apr-02	75		5000	20			252.5	252.5	04/18/02	semiannual	49
Oct-02	230		5000	20			152.5	152.5	10/03/02	semiannual	50
Apr-03	65		5000	20			147.5	147.5	04/25/03	semiannual	51
Oct-03	230		5000	20			147.5	147.5	04/25/03	semiannual	52
Apr-04	20		5000	20			125	125	04/01/04	semiannual	53
Oct-04	170		5000	20			95	95	10/19/04	semiannual	54
Apr-05	20		5000	20			95	95	04/22/05	semiannual	55
Oct-05	86		5000	20			53	53	10/07/05	semiannual	56
May-06	64		5000	20			75	75	05/11/06	semiannual	57
Oct-06	31		5000	20			47.5	47.5	10/18/06	semiannual	58
May-07	10		5000	20			20.5	20.5	05/22/07	semiannual	59
Oct-07	31		5000	20			20.5	20.5	10/25/07	semiannual	60
May-08	28		5000	20			29.5	29.5	05/13/08	semiannual	61
May-09	671		5000	20			349.5	349.5	05/12/09	semiannual	63
Oct-09	1860		5000	20			1265.5	1265.5	10/29/09	semiannual	64
May-10	79		5000	20			969.5	969.5	05/20/10	semiannual	65
Oct-10	350		5000	20			214.5	214.5	10/18/10	semiannual	66
Jun-11	30		5000	20			190	190	06/02/11	semiannual	67
Oct-11	91		5000	20			60.5	60.5	10/12/11	semiannual	68
May-12	78		5000	10			84.5	84.5	05/18/12	semiannual	69
Oct-12	331		5000	1280			204.5	204.5	10/01/12	semiannual	70
May-13	116		5000	1000			223.5	223.5	05/17/13	semiannual	71
Oct-13	90		5000	880			103	103	10/11/13	semiannual	72
Jun-14	208		5000	544			149	149	06/20/14	semiannual	73
Oct-14	103		5000	21			155.5	155.5	10/06/14	semiannual	74
Jul-15	391		5000	21			247	247	07/09/15	annual	75

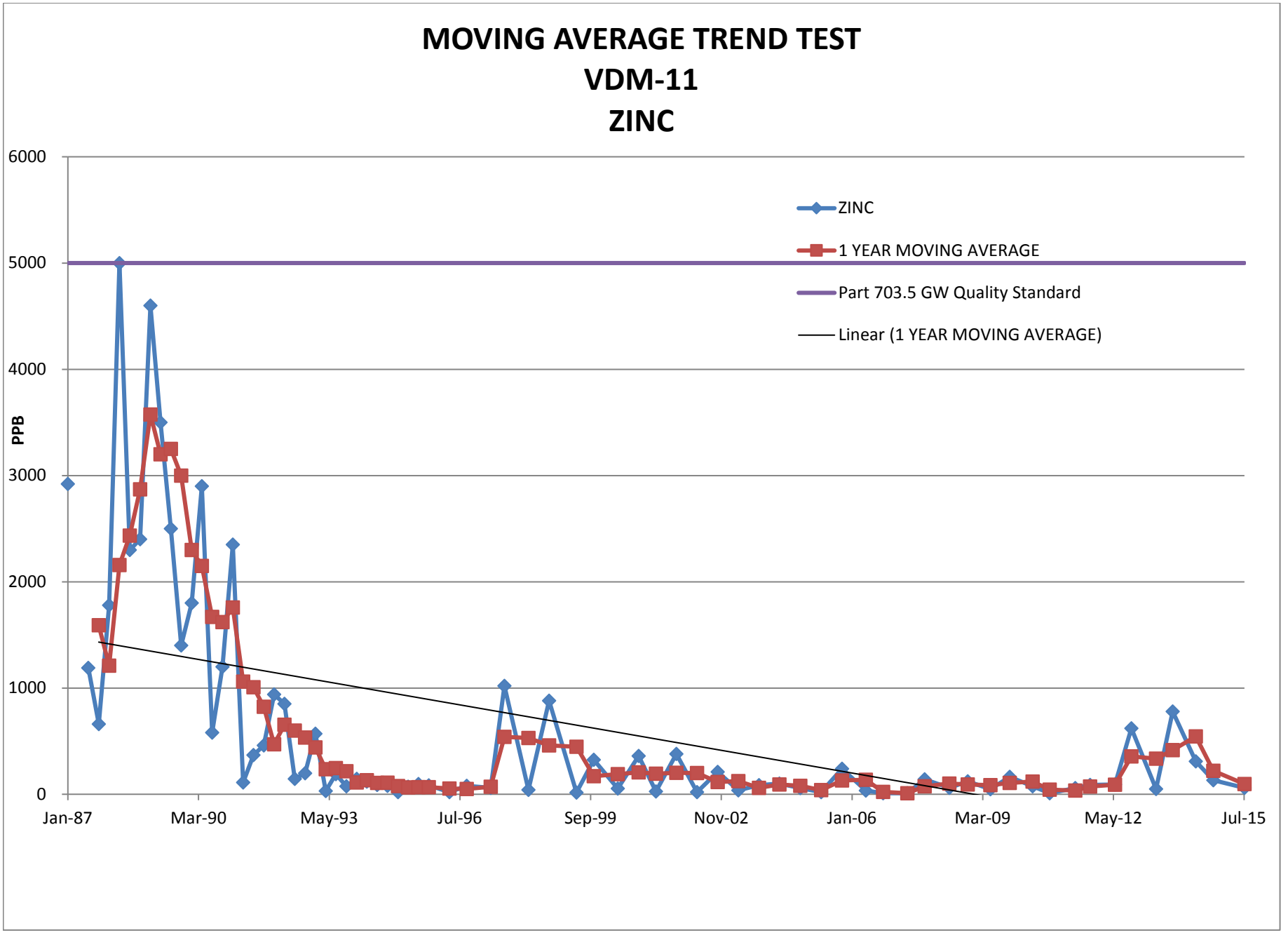

MOVING AVERAGE TREND TEST
VDM-10
ZINC
12000
10000
8000
6000
4000
2000
0
PPB
Jul-84
Aug-87
Sep-90
Oct-93
Nov-96
Jan-00
Feb-03
Mar-06
Apr-09
Jun-12
Jul-15
ZINC
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 10 : ZINC

WELL VDM - 10 : ZINC

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84	1140		5000	300	TOTAL STD	2437.92946					1
Oct-84			5000	300	TOTAL Sx	269.22427					2
Jan-85	510		5000	300	TOTAL MEAN	2238.33735					3
Apr-85	200		5000	300	TOTAL N	83	616.7				4
Jul-85	180		5000	300	TOTAL df	82	296.7				5
Oct-85	700		5000	300			397.5				6
Jan-86	320		5000	300			350.0				7
Apr-86	2700		5000	300			975.0				8
Jul-86	1200		5000	300			1230.0				9
Oct-86	1900		5000	300			1530.0				10
Jan-87	6280		5000	300			3020.0				11
Apr-87			5000	300			3126.7				12
Jul-87	540		5000	300			2906.7				13
Oct-87	580		5000	300			2466.7				14
Jan-88	1000		5000	300			706.7				15
Apr-88	1000		5000	300			780.0				16
Jul-88	9200		5000	300			2945.0				17
Oct-88	7600		5000	300			4700.0				18
Jan-89	2800		5000	300			5150.0				19
Apr-89	3700		5000	300			5825.0				20
Jul-89	1300		5000	300			3850.0				21
Oct-89	2800		5000	300			2650.0				22
Jan-90	2300		5000	300			2525.0				23
Apr-90	1900		5000	300			2075.0				24
Jul-90	2600		5000	300			2400.0				25
Oct-90	1100		5000	300			1975.0				26
Jan-91	6600		5000	300			3050.0				27
Apr-91	3960		5000	300			3565.0				28
Jul-91	990		5000	300			3162.5				29
Oct-91	290		5000	300			2960.0				30
Jan-92	3240		5000	300			2120.0				31
Apr-92	9900		5000	300			3605.0				32
Jul-92	6700		5000	300			5032.5				33
Oct-92	517		5000	300			5089.3				34
Jan-93	6500		5000	300			5904.3				35
Apr-93	340		5000	300			3514.3				36
Jul-93	500		5000	300			1964.3				37
Oct-93	640		5000	300			1995.0				38
Jan-94	9900		5000	300			2845.0				39
Apr-94	1260		5000	300			3075.0				40
Jul-94	560		5000	300			3090.0				41
Oct-94	500		5000	300			3055.0				42
Jan-95	451		5000	300			692.8				43
Apr-95	1100		5000	300			652.8				44
Jul-95	426		5000	300			619.3				45
Oct-95	4500		5000	20			1619.3				46
Apr-96	762		5000	20			1612.50	1612.50			47
Sep-96	2200		5000	20			1481	1481	09/17/96	semiannual	48
Apr-97	260		5000	20			1230	1230	04/03/97	semiannual	49
Aug-97	1790		5000	20			1025	1025	08/27/97	semiannual	50
Mar-98	280		5000	10			1035	1035	03/24/98	semiannual	51
Sep-98	4700		5000	50			2490	2490	09/22/98	semiannual	52
May-99	1710		5000	16			3205	3205	05/11/99	semiannual	53
Oct-99	4220		5000	16			2965	2965	10/05/99	semiannual	54
May-00	284		5000	16			2252	2252	05/16/00	semiannual	55
Nov-00	2700		5000	26			1492	1492	11/28/00	semiannual	56
Apr-01	490		5000	26			1595	1595	04/04/01	semiannual	57
Oct-01	980		5000	20			735	735	10/18/01	semiannual	58
Apr-02	300		5000	20			640	640	04/18/02	semiannual	59
Oct-02	8900		5000	200			4600	4600	10/03/02	semiannual	60
Apr-03	910		5000	200			4905	4905	04/25/03	semiannual	61
Oct-03	1300		5000	20			1105	1105	10/03/03	semiannual	62
Apr-04	510		5000	20			905	905	04/01/04	semiannual	63
Oct-04	480		5000	20			495	495	10/19/04	semiannual	64
Apr-05	550		5000	20			515	515	04/22/05	semiannual	65
Oct-05	1200		5000	20			875	875	10/07/05	semiannual	66
May-06	609		5000	20			904.5	904.5	05/11/06	semiannual	67
Oct-06	374		5000	20			491.5	491.5	10/18/06	semiannual	68
May-07	1040		5000	20			707	707	05/22/07	semiannual	69
Oct-07	742		5000	20			891	891	10/25/07	semiannual	70
May-08	1200		5000	20			971	971	05/13/08	semiannual	71
Oct-08	1490		5000	20			1345	1345	10/23/08	semiannual	72
May-09	2380		5000	20			1935	1935	05/12/09	semiannual	73
Oct-09	3240		5000	20			2810	2810	10/29/09	semiannual	74
May-10	3240		5000	20			3240	3240	05/20/10	semiannual	75
Oct-10	1600		5000	20			2420	2420	10/18/10	semiannual	76
Jun-11	866		5000	20			1233	1233	06/02/11	semiannual	77
Oct-11	2260		5000	20			1563	1563	10/12/11	semiannual	78
May-12	878		5000	10			1569	1569	05/18/12	semiannual	79
Oct-12	6200		5000	1280			3539	3539	10/11/12	semiannual	80
May-13	2650		5000	1000			4425	4425	05/17/13	semiannual	81
Oct-13	6960		5000	880			4805	4805	10/11/13	semiannual	82
May-14	1400		5000	544			4180	4180	05/05/14	semiannual	83
Oct-14	921		5000	21			1160.5	1160.5	10/06/14	semiannual	84
Jul-15	782		5000	21			851.5	851.5	07/09/15	annual	85

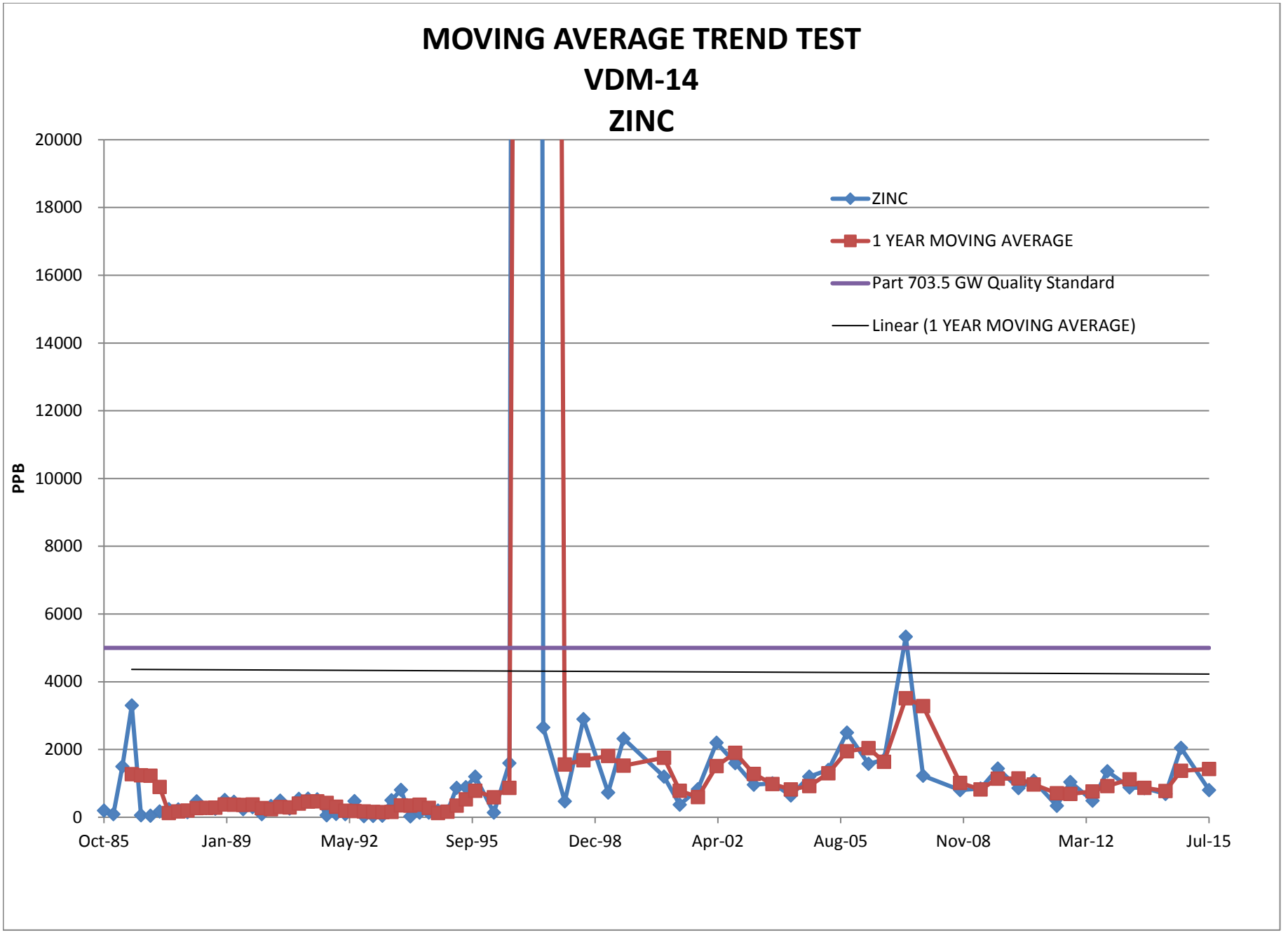
MOVING AVERAGE TREND TEST
VDM-11
ZINC



WELL VDM - 11 : ZINC

WELL VDM - 11: ZINC

SAMPLING EVENT NO.	NCENTRATION PPB	NYSDEC TOGS Class 'GA'	DETECTION LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-		-	-	-	-				-
Jan-87	2920	5000	300	TOTAL STD	1066.887					1
Apr-87		5000	300	TOTAL Sx	124.870					2
Jul-87	1190	5000	300	TOTAL MEAN	657.000					3
Oct-87	660	5000	300	TOTAL N	74	1590.00				4
Jan-88	1780	5000	300	TOTAL df	73	1210.00				5
Apr-88	5000	5000	300			2157.50				6
Jul-88	2300	5000	300			2435.00				7
Oct-88	2400	5000	300			2870.00				8
Jan-89	4600	5000	300			3575.00				9
Apr-89	3500	5000	300			3200.00				10
Jul-89	2500	5000	300			3250.00				11
Oct-89	1400	5000	300			3000.00				12
Jan-90	1800	5000	300			2300.00				13
Apr-90	2900	5000	300			2150.00				14
Jul-90	580	5000	300			1670.00				15
Oct-90	1200	5000	300			1620.00				16
Jan-91	2350	5000	300			1757.50				17
Apr-91	110	5000	300			1060.00				18
Jul-91	370	5000	300			1007.50				19
Oct-91	460	5000	300			822.50				20
Jan-92	940	5000	300			470.00				21
Apr-92	850	5000	300			655.00				22
Jul-92	145	5000	300			598.75				23
Oct-92	197	5000	300			533.00				24
Jan-93	570	5000	300			440.50				25
Apr-93	30	5000	300			235.50				26
Jul-93	190	5000	300			246.75				27
Oct-93	75	5000	300			216.25				28
Jan-94	145	5000	300			110.00				29
Apr-94	120	5000	300			132.50				30
Jul-94	88	5000	300			107.00				31
Oct-94	80	5000	300			108.25				32
Jan-95	20	5000	300			77.00				33
Apr-95	70	5000	300			64.50				34
Jul-95	96	5000	300			66.50				35
Oct-95	84	5000	20			67.50				36
Apr-96	20	5000	20			55				37
Sep-96	80	5000	20			50	50	9/17/1996	semiannual	38
Apr-97	60	5000	20			70	70	4/3/1997	semiannual	39
Aug-97	1020	5000	20			540	540	8/27/1997	semiannual	40
Mar-98	41	5000	10			530.5	530.5	3/24/1998	semiannual	41
Sep-98	880	5000	10			460.5	460.5	9/22/1998	semiannual	42
May-99	16	5000	16			448	448	5/11/1999	semiannual	43
Oct-99	325	5000	16			170.5	170.5	10/5/1999	semiannual	44
May-00	53	5000	16			189	189	5/16/2000	semiannual	45
Nov-00	360	5000	26			206.5	206.5	11/28/2000	semiannual	46
Apr-01	26	5000	26			193	193	4/4/2001	semiannual	47
Oct-01	380	5000	20			203	203	10/18/2001	semiannual	48
Apr-02	20	5000	20			200	200	4/18/2002	semiannual	49
Oct-02	210	5000	20			115	115	10/3/2002	semiannual	50
Apr-03	36	5000	20			123	123	4/25/2003	semiannual	51
Oct-03	85	5000	20			60.5	60.5	10/3/2003	semiannual	52
Apr-04	100	5000	20			92.5	92.5	4/1/2004	semiannual	53
Oct-04	59	5000	20			79.5	79.5	10/19/2004	semiannual	54
Apr-05	20	5000	20			39.5	39.5	4/22/2005	semiannual	55
Oct-05	240	5000	20			130	130	10/7/2005	semiannual	56
May-06	34	5000	20			137	137	5/11/2006	semiannual	57
Oct-06	10	5000	20			22	22	10/18/2006	semiannual	58
May-07	10	5000	20			10	10	5/22/2007	semiannual	59
Oct-07	141	5000	20			75.5	75.5	10/25/2007	semiannual	60
May-08	61	5000	20			101	101	5/13/2008	semiannual	61
Oct-08	122	5000	20			91.5	91.5	10/23/2008	semiannual	62
May-09	48	5000	20			85	85	5/12/2009	semiannual	63
Oct-09	164	5000	20			106	106	10/29/2009	semiannual	64
May-10	76	5000	20			120	120	5/20/2010	semiannual	65
Oct-10	10	5000	20			43	43	10/18/2010	semiannual	66
Jun-11	59	5000	20			34.5	34.5	6/2/2011	semiannual	67
Oct-11	88	5000	20			73.5	73.5	10/12/2011	semiannual	68
May-12	92	5000	20			90	90	5/18/2012	semiannual	69
Oct-12	620	5000	1280			356	356	10/11/2012	semiannual	70
May-13	50	5000	1000			335	335	5/17/2013	semiannual	71
Oct-13	780	5000	880			415	415	10/11/2013	semiannual	72
May-14	310	5000	544			545	545	5/5/2014	semiannual	73
Oct-14	132	5000	21			221	221	10/6/2014	semiannual	74
Jul-15	60	5000	21			96	96	7/9/2015	annual	75


MOVING AVERAGE TREND TEST
VDM-14
ZINC
PPB
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
Oct-85
Jan-89
May-92
Sep-95
Dec-98
Apr-02
Aug-05
Nov-08
Mar-12
Jul-15
ZINC
1 YEAR MOVING AVERAGE
Part 703.5 GW Quality Standard
Linear (1 YEAR MOVING AVERAGE)

WELL VDM - 14 : ZINC

SAMPLING EVENT	CONC PPB		NYSDEC TOGS Class 'GA'	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-			-	-	-	-				-
Oct-85	200		5000	300	TOTAL STD	29168.14					1
Jan-86	95		5000	300	TOTAL Sx	3324.019					2
Apr-86	1500		5000	300	TOTAL MEAN	4168.821					3
Jul-86	3300		5000	300	TOTAL N	78	1273.75				4
Oct-86	57		5000	300	TOTAL df	77	1238.00				5
Jan-87	47		5000	300			1226.00				6
Apr-87	170		5000	300			893.50				7
Jul-87	240		5000	300			128.50				8
Oct-87	230		5000	300			171.75				9
Jan-88	150		5000	300			197.50				10
Apr-88	470		5000	300			272.50				11
Jul-88	270		5000	300			280.00				12
Oct-88	250		5000	300			285.00				13
Jan-89	510		5000	300			375.00				14
Apr-89	460		5000	300			372.50				15
Jul-89	240		5000	300			365.00				16
Oct-89	300		5000	300			377.50				17
Jan-90	90		5000	300			272.50				18
Apr-90	330		5000	300			240.00				19
Jul-90	490		5000	300			302.50				20
Oct-90	260		5000	300			292.50				21
Jan-91	545		5000	300			406.25				22
Apr-91	550		5000	300			461.25				23
Jul-91	530		5000	300			471.25				24
Oct-91	60		5000	300			421.25				25
Jan-92	100		5000	300			310.00				26
Apr-92	91		5000	300			195.25				27
Jul-92	480		5000	300			182.75				28
Oct-92	31		5000	300			175.50				29
Jan-93	40		5000	300			160.50				30
Apr-93	47		5000	300			149.50				31
Jul-93	506		5000	300			156.00				32
Oct-93	810		5000	300			350.75				33
Jan-94	24		5000	300			346.75				34
Apr-94	141		5000	300			370.25				35
Jul-94	142		5000	300			279.25				36
Oct-94	200		5000	300			126.75				37
Jan-95	170		5000	300			163.25				38
Apr-95	869		5000	300			345.25				39
Jul-95	889		5000	300			532.00				40
Oct-95	1200		5000	20			782.00				41
Apr-96	140		5000	20			592.25				42
Sep-96	1600		5000	20			870	870	9/17/1996	semiannual	43
Apr-97	260000		5000	50			130800	130800	4/3/1997	semiannual	44
Aug-97	2650		5000	20			131325	131325	8/27/1997	semiannual	45
Mar-98	470		5000	10			1560	1560	3/24/1998	semiannual	46
Sep-98	2900		5000	10			1685	1685	9/22/1998	semiannual	47
May-99	727		5000	16			1813.5	1813.5	5/11/1999	semiannual	48
Oct-99	2320		5000	16			1523.5	1523.5	10/5/1999	semiannual	49
Nov-00	1200		5000	26			1760	1760	11/28/2000	semiannual	50
Apr-01	370		5000	26			785	785	4/4/2001	semiannual	51
Oct-01	830		5000	20			600	600	10/18/2001	semiannual	52
Apr-02	2200		5000	20			1515	1515	4/18/2002	semiannual	53
Oct-02	1600		5000	20			1900	1900	10/3/2002	semiannual	54
Apr-03	960		5000	20			1280	1280	4/25/2003	semiannual	55
Oct-03	1000		5000	20			980	980	10/3/2003	semiannual	56
Apr-04	640		5000	20			820	820	4/1/2004	semiannual	57
Oct-04	1200		5000	20			920	920	10/19/2004	semiannual	58
Apr-05	1400		5000	20			1300	1300	4/22/2005	semiannual	59
Oct-05	2500		5000	20			1950	1950	10/7/2005	semiannual	60
May-06	1580		5000	20			2040	2040	5/11/2006	semiannual	61
Oct-06	1700		5000	20			1640	1640	10/18/2006	semiannual	62
May-07	5330		5000	20			3515	3515	5/22/2007	semiannual	63
Oct-07	1230		5000	20			3280	3280	10/25/2007	semiannual	64
Oct-08	800		5000	20			1015	1015	10/24/2008	semiannual	65
May-09	847		5000	20			823.5	823.5	5/12/2009	semiannual	66
Oct-09	1440		5000	20			1143.5	1143.5	10/29/2009	semiannual	67
May-10	860		5000	20			1150	1150	5/20/2010	semiannual	68
Oct-10	1080		5000	20			970	970	10/18/2010	semiannual	69
Jun-11	340		5000	20			710	710	6/2/2011	semiannual	70
Oct-11	1040		5000	20			690	690	10/12/2011	semiannual	71
May-12	490		5000	20			765	765	5/18/2012	semiannual	72
Oct-12	1360		5000	1280			925	925	10/11/2012	semiannual	73
May-13	880		5000	1000			1120	1120	5/17/2013	semiannual	74
Oct-13	860		5000	880			870	870	10/11/2013	semiannual	75
May-14	690		5000	544			775	775	5/5/2014	semiannual	76
Oct-14	2050		5000	103			1370	1370	10/6/2014	semiannual	77
Jul-15	800		5000	103			1425	1425	7/9/2015	annual	78

APPENDIX B

SITE- WIDE INSPECTION FORMS (JULY 2015)

Well Purging / Sampling Data

WELL VDM-9:

WELL PURGING DATA: DATE: 7/9/15

START TIME: 10:20 FINISH TIME: 10:30

A: MP ELEVATION 447.37 FEET

B: DEPTH TO WATER: 36.2 FEET

C: DEPTH OF WELL INSTALLED: 416.40

D: STATIC WATER LEVEL: C - D = 3.1 FEET

E: WELL VOLUME: E * 0.1636 = 0.507 GALLONS

F: DEPTH OF WELL AS MEASURED: 39.3 FEET

WELL SAMPLING DATA: DATE: 7/9/15

START TIME: 12:10 FINISH TIME: 12:20

A: MP ELEVATION 447.37 FEET

B: DEPTH TO WATER: 36.7 FEET

C: DEPTH OF WELL INSTALLED: 416.40

D: STATIC WATER LEVEL: C - D = 2-6 FEET

E: WELL VOLUME: E * 0.1636 = .425 GALLONS

F: DEPTH OF WELL AS MEASURED: 39.3 FEET

G: pH OF SAMPLE: 6.16 pH

H: pH METER CALIBRATED? YES [✓] NO [ ]

I: SAMPLES OBTAINED:

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

J: WEATHER CONDITIONS: raining

K: SAMPLER(S): Ken Shephard Justin Walton

L: COMMENTS: _____

Well Purging / Sampling Data

WELL VDM-10

WELL PURGING DATA: DATE: 7/9/15

START TIME: 10:45 FINISH TIME: 11:00

A: MP ELEVATION 444.89 FEET

B: DEPTH TO WATER: 32.4 FEET

C: DEPTH OF WELL INSTALLED: 398.70

D: STATIC WATER LEVEL: C - D = 14.6 FEET

E: WELL VOLUME: E * 0.1636 = 2.38 GALLONS

F: DEPTH OF WELL AS MEASURED: 47.0 FEET

WELL SAMPLING DATA: DATE: 7/9/15

START TIME: 12:30 FINISH TIME: 12:40

A: MP ELEVATION 444.89 FEET

B: DEPTH TO WATER: 44.7 FEET

C: DEPTH OF WELL INSTALLED: 398.70

D: STATIC WATER LEVEL: C - D = 2.3 FEET

E: WELL VOLUME: E * 0.1636 = .376 GALLONS

F: DEPTH OF WELL AS MEASURED: 47.0 FEET

G: pH OF SAMPLE: 5.75 ~~47.0~~ RSS pH

H: pH METER CALIBRATED? YES [X] NO [ ]

I: SAMPLES OBTAINED:

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

J: WEATHER CONDITIONS: raining

K: SAMPLER(S): Ken Shephard, Justin Walton

L: COMMENTS: _____

Well Purging / Sampling Data

WELL VDM-11

WELL PURGING DATA: DATE: 7/9/15

START TIME: 11:10 FINISH TIME: 11:20

A:	MP ELEVATION 450.74 FEET		
B:	DEPTH TO WATER:	20.2	FEET
C:	DEPTH OF WELL INSTALLED: 427.70		
D:	STATIC WATER LEVEL: C - D =	3.2	FEET
E:	WELL VOLUME: E * 0.1636 =	.523	GALLONS
F:	DEPTH OF WELL AS MEASURED:	23.4	FEET

WELL SAMPLING DATA: DATE: 7/9/15

START TIME: 12:45 FINISH TIME: 12:55

A:	MP ELEVATION 450.74 FEET		
B:	DEPTH TO WATER:	22.7	FEET
C:	DEPTH OF WELL INSTALLED: 427.70		
D:	STATIC WATER LEVEL: C - D =	0.7	FEET
E:	WELL VOLUME: E * 0.1636 =	.114	GALLONS
F:	DEPTH OF WELL AS MEASURED:	23.4	FEET
G:	pH OF SAMPLE:	5.58	pH
H:	pH METER CALIBRATED? YES [✓]	NO [ ]	
I:	SAMPLES OBTAINED:		

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

J: WEATHER CONDITIONS: raining

K: SAMPLER(S): Ken Shephard Justin Walton

L: COMMENTS: _____

Well Purging / Sampling Data

WELL VDM-12

WELL PURGING DATA: DATE: 7/9/15

START TIME: 1130 FINISH TIME: 1140

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: raining

K: SAMPLER(S): Ken Shephard Justin Walton

L: COMMENTS: Did not Sample, bottom is mud

Well Purging / Sampling Data

WELL VDM-14

WELL PURGING DATA: DATE: 7/9/15

START TIME: 11:50 FINISH TIME: 12:00

A: MP ELEVATION 446.31 FEET

B: DEPTH TO WATER: 9.7 FEET

C: DEPTH OF WELL INSTALLED: 434.00

D: STATIC WATER LEVEL: C - D = 2.1 FEET

E: WELL VOLUME: E * 0.1636 = .343 GALLONS

F: DEPTH OF WELL AS MEASURED: 11.8 FEET

WELL SAMPLING DATA: DATE: 7/9/15

START TIME: 13:00 FINISH TIME: 13:15

A: MP ELEVATION 446.31 FEET

B: DEPTH TO WATER: 9.7 FEET

C: DEPTH OF WELL INSTALLED: 434.00

D: STATIC WATER LEVEL: C - D = 2.1 FEET

E: WELL VOLUME: E * 0.1636 = .343 GALLONS

F: DEPTH OF WELL AS MEASURED: 11.8 FEET

G: pH OF SAMPLE: 5.58 ~~11.8~~ RSS pH

H: pH METER CALIBRATED? YES [~~]~~ NO [ ]

I: SAMPLES OBTAINED:

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

J: WEATHER CONDITIONS: raining

K: SAMPLER(S): Ken Shephard Justin Wafton

L: COMMENTS: _____

Attachment II-C

Attachment II-B
Well Purging / Sampling Data

WELL D-55:

WELL PURGING DATA: DATE: 7/9/15

START TIME: 10:00 FINISH TIME: 10:15

A: MP ELEVATION 469.45 FEET

B: DEPTH TO WATER: 36.3 FEET

C: DEPTH OF WELL INSTALLED: 422.40

D: STATIC WATER LEVEL: C - D = 11 FEET

E: WELL VOLUME: E * 0.1636 = 1.79 GALLONS

F: DEPTH OF WELL AS MEASURED: 47.3 FEET

WELL SAMPLING DATA: DATE: 7/9/15

START TIME: 13:20 FINISH TIME: 13:30

A: MP ELEVATION 469.45 FEET

B: DEPTH TO WATER: 38.0 FEET

C: DEPTH OF WELL INSTALLED: 422.40

D: STATIC WATER LEVEL: C - D = 9.3 FEET

E: WELL VOLUME: E * 0.1636 = 1.52 GALLONS

F: DEPTH OF WELL AS MEASURED: 47.3 FEET

G: pH OF SAMPLE: 6.80 pH

H: pH METER CALIBRATED? YES [✓] NO [ ]

I: SAMPLES OBTAINED:

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

J: WEATHER CONDITIONS: raining

K: SAMPLER(S): Ken Shephard, Justin Walton

L: COMMENTS: _____

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
6.	Is there any iron staining in the drainage ditch?	YES	(NO)
7.	Are their any visible seeps in the cliff face?	YES	(NO)
8.	Are the wells in good condition?	(YES)	NO
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)

Name of inspector: Kenneth Shepherd

Signature: [signature] Date: 7/9/15

Attachment II-D

Laboratory QA/QC Deliverables

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