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Vanchlor Landfill Site

NYSDEC Site No. 932039
600 Mill Street
Lockport, New York

Periodic Review Report

(February 13, 2023 to February 13, 2024)

Date: January 2024, Revised April 2024

Prepared for: Vanchlor Company, Inc.

Job Number: 0040-001-001

Service to
Our Community,
Our Professions, &
Our Clients

PERIODIC REVIEW REPORT
Vanchlor Landfill
(February 13, 2023 to February 13, 2024)

NYSDEC SITE NO. 932039
600 MILL STREET
LOCKPORT, NEW YORK

October 2023 0040-001-001
Revised April 2024

Prepared for:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Environmental Remediation
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Site No. 932039

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List of Acronyms

ACMs	*Asbestos Containing Materials*
AIRS	*Aromatic Information Retrieval System*
ASD	*Active Subslab Depressurization*
AST	*Aboveground Storage Tank*
ASTM	*American Society for Testing and Materials*
BCA	*Brownfield Cleanup Agreement*
BCP	*Brownfield Cleanup Program*
BTEX	*Benzene, toluene, ethylbenzene, and xylenes*
C/D	*Construction and Demolition*
CAMP	*Community Air Monitoring Plan*
CBS	*Chemical Bulk Storage*
CERCLA	*Comprehensive Environmental Response, Compensation, and Liability Act*
CERCLIS	*Comprehensive Environmental Response, Compensation, and Liability Information System*
CESQG	*Conditionally Exempt Small Quantity Generator*
CFR	*Code of Federal regulation*
CO2	*Carbon Dioxide*
COC	*Certificate of Completion*
CORRACTS	*Corrective Action*
CP	*Commissioner Policy*
CPG	*Certified Professional Geologist*
CREC	*Controlled Recognized Environmental Condition*
cVOC	*Chlorinated Volatile Organic Compound*
DER	*Division of Environmental Remediation*
DNAPL	*Dense Non-Aqueous Phase Liquid*
EC	*Engineering Control*
ECHO	*Enforcement and Compliance History Information*
ECL	*Environmental Conservation Law*
EDR	*Environmental Data Resources, Inc.*
ELAP	*Environmental Laboratory Approval Program*
ERNS	*Emergency Response & Notification System*
ESA	*Environmental Site Assessment*
ETPH	*Extractable Total Petroleum Hydrocarbons*
FBGS	*Feet below ground surface*
FIFRA	*Federal Insecticide, Fungicide, & Rodenticide Act*
FINDS	*Facility Index System/Facility Registry System*
FOIA	*Freedom of Information Act*
FOIL	*Freedom of Information Letter*
FOP	*Field Operating Procedure*
FTTS	*FIFRA/TSCA Tracking System*
FWS	*Fish and Wildlife Service*
GIS	*Geographic Information Systems*
HASP	*Health and Safety Plan*
HREC	*Historical Recognized Environmental Condition*
HSWDS	*Hazardous Waste Disposal Site*
HVAC	*Heating Ventilation and Air Conditioning*
IC	*Institutional Control*
ICIS	*Integrated Compliance Information System*
IRM	*Interim Remedial Measure*
LBP	*Lead-Based Paint*
LNAPL	*Light Non-Aqueous Phase Liquid*
LQG	*Large Quantity Generator*
LTANK	*Leaking Tank*
LUST	*Leaking Underground Storage Tank*
MOSF	*Major Oil Storage Facility*
MSDS	*Material Safety Data Sheets*
MTBE	*Methyl Tertiary Butyl Ether*
NA	*Not Available/Applicable*
NPDES	*National Pollutant Discharge Elimination System*
NPL	*National Priorities List*
NRCS	*Natural Resource Conservation Service*
NYCRR	*New York Codes, Rules, and Regulations*
NYSDEC	*New York State Department of Environmental Conservation*
NYSDOH	*New York State Department of Health*
NYSDOL	*New York State Department of Labor*
O&M	*Operations and Maintenance*
OM&M	*Operation, Maintenance, and Monitoring*
OPRA	*Open Public Records Act*
ORION	*Orion Environmental Solutions, LLC*
OSHA	*Occupational Safety and Health Administration*
PAH	*Polycyclic aromatic hydrocarbons*
PBS	*Petroleum Bulk Storage*
PCBs	*Polychlorinated Biphenyls*
pCi/L	*picocuries per Liter*
PE	*Professional Engineer*
PERC	*Tetrachloroethylene (perchloroethylene)*
PG	*Professional Geologist*
PID	*photoionization detector*
PPB	*parts per billion*
PPM	*parts per million*
PRP	*Potentially Responsible Party*
PRR	*Periodic Review Report*
PVEC	*Potential Vapor Encroachment Condition*

List of Acronyms

QA/QC	*Quality Assurance/Quality Control*
QAPP	*Quality Assurance Project Plan*
RAO	*Remedial Action Objective*
RAWP	*Remedial Action Work Plan*
RCRA	*Resource Conservation and Recovery Act*
RSO	*Remedial System Optimization*
SAC	*State Assistance Contract*
SACM	*Suspect Asbestos Containing Material*
SCG	*Standards, Criteria, and Guidelines*
SCO	*Soil Cleanup Objective*
SEMS	*Superfund Enterprise Management System (FKA CERCLIS)*
SFMP	*Soil Fill Management Plan*
SHPO	*State Historic Preservation Office/Officer*
SHWS	*State Hazardous Waste Site*
SMP	*Site Management Plan*
SOP	*Standard Operating Procedure*
SOW	*Statement of Work*
SPCC	*Spill Prevention Control and Countermeasure*
SPDES	*State Pollution Discharge Elimination System*
SQG	*Small Quantity Generator*
SSD	*Sub-slab Depressurization*
SVE	*Soil Vapor Extraction*
SVI	*Soil Vapor Intrusion*
SVOC	*Semi volatile Organic Compound*
SWF/LF	*Solid Waste Facility/Landfill*
SWRCY	*Registered Recycling Facility List*
TAL	*Target Analyte List*
TCE	*Trichloroethylene*
TCL	*Target Compound List*
TCLP	*Toxicity Characteristic Leachate Procedure*
TRIS	*Toxic Chemical Release Inventory System*
TSCA	*Toxic Substance Control Act*
TSDF	*Treatment, Storage and Disposal Facility*
USDA	*United States Department of Agriculture*
USEPA	*United States Environmental Protection Agency*
USGS	*United States Geological Survey*
UST	*Underground Storage Tank*
VCP	*Voluntary Cleanup Program*
VEC	*Vapor Encroachment Condition*
VOC	*Volatile Organic Compound*

1.0 SITE OVERVIEW

1.1 Site Location & Description

The Vanchlor Landfill Site (herein referred to as 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 (see Figures 1 and 2). 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 Wastewater Treatment facility to the west. The Site is monitored under the New York State Inactive Hazardous Waste Disposal Site Remedial Program administered by the New York State Department of Environmental Conservation (NYSDEC).

1.2 Nature & Extent of Contamination Prior to Remediation

Based on the historic use, 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 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 Ill, 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 (PRR)

This Periodic Review Report (PRR) presents information on the maintenance, monitoring, and compliance activities for the Vanchlor Landfill which is a Class 4 Inactive Hazardous Waste Disposal Site (Site No. 932039) for the period from February 13, 2023 to February 13, 2024. Required environmental elements under the Order of Consent are the development and implementation of the Site Management Plan (SMP) [Ref.1] incorporating required institutional and engineering controls (IC/ECs).

Institutional Controls (ICs) 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 IC/ECs; 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 Vanchlor Inactive Hazardous Waste facility identified as Site No. 932039. Existing engineering controls (ECs) for the Site consist of a clay lined drainage ditch leading to an interceptor trench for stormwater management 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".

3.0 ENGINEERING CONTROL COMPLIANCE

3.1 Introduction

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 (Appendix C of 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.

3.3 Status of ECs

During the reporting period covered by this PRR, the Site 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 groundwater monitoring event in conjunction with the PRR with one minor exception; a small depression was identified approximately 50-feet northeast of well VDM-12. On August 16, 2023, Vanchlor repaired the depression with topsoil and seeded the area. Photograph documentation of the repair is provided in Appendix A. There are no other 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

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 the NYSDEC-approved Site Management Plan.

4.1 Description of Institutional Controls

The Institutional Controls include:

- Compliance with the Deed Restrictions and this SMP by the Granter and the Grantor's successors and assigns;
- Performance of environmental or public health monitoring as defined in the 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 the SMP;

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

- 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 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

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. The Monitoring Plan may only be revised with the approval of NYSDEC.

5.1 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. The Department approved this request on October 3, 2014. Since 2015, annual groundwater monitoring has been performed in accordance with the Site Management Plan on the landfill monitoring well network established under the former Part 373 permit for the Site. In accordance with the SMP and approved frequency modification, annual groundwater monitoring events and inspections of the groundwater monitoring system are conducted to assess the performance and effectiveness of the remedy and the overall reduction in contamination on-site. The Monitoring program schedule is summarized in Table 1.

5.2 Monitoring Program

On August 14, 2023, five of the six monitoring wells, identified as D-55, VDM-9R, VDM-10, VDM-11, and VDM-14R, were purged to dryness (see Figure 3). Purge water was contained in a plastic 55-gallon drum and disposed of at Vanchlor's water treatment facility. Allowing for adequate recovery (but within 24-hours) and on August 15, 2023, the five monitoring wells, and one off-site surface water location (on Eighteen Mile Creek), were sampled by Vanchlor in accordance with the Groundwater Monitoring Plan (Appendix E of the SMP). The sixth well, identified as VDM-12, was dry and not sampled; as it had been in previous years. The surface water sample was 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 (see Figure 3 for approximate location).

Groundwater and surface water samples were analyzed for eleven volatile organic compounds (VOCs), four total metals, chloride, and field measured pH in accordance with the specified analytical methods described more fully in the SMP. VOCs included 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,2-dichloroethane,

bromochloromethane, chloroform, methylene chloride, tetrachloroethene (PCE), toluene, trans-1,2-dichloroethene, trichloroethene (TCE), and vinyl chloride (VC) and total metals included chromium, copper, iron, and zinc.

5.3 Monitoring Results

Table 2 presents a summary of the analytical results from the August 2023 sampling event compared to NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSs/GVs) per NYSDEC T.O.G.S 1.1.1 (June 1998, January 1999, April 2000, June 2004, October 2021, and March 2023); Class GA for groundwater and Class D H(FC) for surface water. Several detections were noted in groundwater at concentrations above the NYSDEC Class GA Groundwater AWQSs during the current annual sampling event, including:

- VOC 1,2-dichloroethane in well VDM-10.
- VOCs chloroform, 1,1,2-trichloroethane, tetrachloroethene, 1,2-dichloroethane, 1,1,2,2-tetrachloroethane, vinyl chloride, trans-1,2-Dichloroethene, and trichloroethene in well VDM-14R. The VDM-14R sample results were qualified due to sample dilution.
- Iron in wells VDM-9R, VDM-10, VDM-11, and VDM-14R.
- Chloride in wells VDM-9R, VDM-10, and VDM-14R. Each of these sample results were qualified due to sample dilution.

There were no reported exceedances of the NYSDEC Class GA Groundwater AWQSs/GVs for any of the monitored parameters in well D-55 nor any exceedances of the Class D H(FC) Surface Water AWQSs/GVs in the surface water sample collected from Eighteen Mile Creek.

A copy of the laboratory analytical report for groundwater and surface water analyses performed during the current reporting period is provided in Appendix B. Groundwater purge and sample field forms are provided in Appendix C.

5.4 Historical Trend Analysis

Groundwater monitoring has been performed at the Vanchlor Landfill since July 1987, prior to being closed and capped in 1988. Overall, contaminant concentration

trends in groundwater samples from wells VDM-9R, VDM-10, VDM-11, and VDM-14R have been downward over time. Except for well VDM-14R, most analyzed compounds have either been reported at concentrations well below the individual AWQSs/GVs or non-detect for the latest 6 to 10 years of monitoring (highlighted green in Table 2), which is an indication of a neutral trend (i.e., neither increasing nor decreasing).

The contaminant concentration trends identified in Table 2 focused on the more recent 6 to 10 years, and in some instances nearly the entire history, of analytical data for each monitoring location. Historically, laboratory detection limits for many analytes were above the AWQSs/GVs values (e.g., 10 ug/L for many VOCs), the detection limit values of which are used as the default detected concentration in wells with non-detect results (NDs), potentially making the compound concentration trend data plots appear to be above AWQS. These instances were considered when evaluating the historical trend analysis.

A copy of the updated graphical historical trend analyses for each tracked parameter, per monitoring location, is provided in Appendix D. Each trend graph has been updated to include the best fit 1-year moving average trend line and the trend assessment for each compound is provided in Table 2. Additionally, and where appropriate, some trend graph concentration scales were modified to better reveal the more recent trend (latest 6 to 10 years) by removing the scaling effects of outliers; the outlier value, however, is still provided in the corresponding table.

Evaluation of the current 2023 analytical results compared to historical results for each tracked compound (by monitoring well) is provided below with the historical concentration versus time plots presented in Appendix D.

- **VDM-9R:**
  - 1,1,2,2-Tetrachloroethane has been reported at a concentration below the individual AWQS or non-detect since October 2014 (nearly 9 years).
  - 1,2-Dichloroethane has been reported at a concentration below the individual AWQS or non-detect since September 2017 (nearly 6 years).
  - Chloroform has been reported at a concentration below the individual AWQS or non-detect since October 2014 (nearly 9 years).
  - Methylene chloride has been reported at a concentration below the individual AWQS or non-detect since June 2011 (nearly 12 years).

- Tetrachloroethene has been reported at a concentration above (and then consistently below after September 2017) the individual AWQS with a decreasing trend since April 1995 (nearly 28 years).
- Toluene has been reported at a concentration below the individual AWQS or non-detect since April 1995 (nearly 29 years).
- trans-1,2-Dichloroethene has been reported at a concentration below the individual AWQS or non-detect since July 2015 (nearly 8 years).
- Trichloroethene has been reported at a concentration below the individual AWQS or non-detect since June 2014 (nearly 9 years).
- Vinyl chloride has been reported at a concentration below the individual AWQS or non-detect since May 2012 (nearly 12 years).
- Chromium has been reported at a concentration below the individual AWQS or non-detect since May 2006 (nearly 17 years).
- Copper has been reported at a concentration slightly above and below the individual AWQS with a neutral trend (i.e., neither increasing nor decreasing) since October 2003 (nearly 20 years). Copper was reported at a concentration exceeding the individual AWQS from April 2001 to April 2003.
- Zinc has been reported at a concentration below the individual AWQS or non-detect since January 1995 (nearly 28 years).

- **VDM-10:**
  - 1,1,2,2-Tetrachloroethane has been reported at a concentration below the individual AWQS or non-detect since April 1995 (nearly 29 years).
  - 1,2-Dichloroethane has been reported at a concentration slightly above the individual AWQS with a neutral trend (i.e., neither increasing nor decreasing) since October 2014 (nearly 9 years).
  - Chloroform has been reported at a concentration fluctuating slightly above and below the individual AWQS with a neutral trend (i.e., neither increasing nor decreasing) since October 2001 (nearly 22 years).
  - Methylene chloride has been reported at a concentration at or below the individual AWQS or non-detect since May 2009 (nearly 14 years).
  - Tetrachloroethene has been reported at a concentration at or below the individual AWQS or non-detect since April 1995 (nearly 29 years).
  - Toluene has been reported at a concentration below the individual AWQS or non-detect since May 2010 (nearly 14 years).
  - trans-1,2-Dichloroethene has been reported at a concentration at or below the individual AWQS or non-detect since April 1996 (nearly 28 years).
  - Trichloroethene has been reported at a concentration at or below the individual AWQS or non-detect since April 1991 (nearly 33 years).

- Vinyl chloride has been reported at a concentration at or below the individual AWQS or non-detect since May 2009 (nearly 14 years) with only two exceptions; one in October 2011 and the other in May 2014.
- Chromium has been reported at a concentration below the individual AWQS since May 2014 (nearly 9 years).
- Copper has been reported at a concentration at or below the individual AWQS since July 2016 (nearly 7 years) with a neutral trend (i.e., neither increasing nor decreasing) and only two exceptions; one in July 2018 and the other in August 2022.
- Zinc has been reported at a concentration below the individual AWQS or non-detect since May 2014 (nearly 9 years).

- **VDM-11:**
  - 1,1,2,2-Tetrachloroethane has been reported at a concentration at or below the individual AWQS or non-detect since April 2002 (nearly 21 years).
  - 1,2-Dichloroethane has been reported at a concentration below the individual AWQS or non-detect since July 2016 (nearly 7 years).
  - Chloroform has been reported at a concentration at or below the individual AWQS or non-detect since May 2009 (nearly 14 years) with only one exception in May 2014.
  - Methylene chloride has been reported at a concentration at or below the individual AWQS or non-detect since May 2009 (nearly 14 years) with only one exception in May 2014.
  - Tetrachloroethene has been reported at a concentration at or below the individual AWQS since July 2015 (nearly 8 years).
  - Toluene has been reported at a concentration at or below the individual AWQS since October 1994 (nearly 30 years).
  - trans-1,2-Dichloroethene has been reported at a concentration at or below the individual AWQS since October 1994 (nearly 30 years).
  - Trichloroethene has been reported at a concentration at or below the individual AWQS or non-detect since May 2009 (nearly 14 years) with only one exception in May 2014.
  - Vinyl chloride has been reported at a concentration at or below the individual AWQS since May 2012 (nearly 11 years) with only one exception in May 2014.
  - Chromium has been reported at a concentration at or below the individual AWQS since May 2014 (nearly 9 years).
  - Copper has been reported at a concentration below the individual AWQS since July 2016 (nearly 7 years).
  - Zinc has been reported at a concentration below the individual AWQS or non-detect since April 1991 (nearly 32 years).

- **VDM-14R:**
  - 1,1,2,2-Tetrachloroethane has been reported at a concentration above the individual AWQS with a decreasing trend since October 2013 (nearly 10 years).
  - 1,2-Dichloroethane has been reported at a concentration above the individual AWQS with a neutral trend (i.e., neither increasing nor decreasing) since May 2012 (nearly 11 years).
  - Chloroform has been reported at a concentration above the individual AWQS with a decreasing trend since October 2008 (nearly 15 years).
  - Methylene chloride has been reported at a concentration above the individual AWQS with a decreasing trend since July 2016 (nearly 7 years).
  - Tetrachloroethene has been reported at a concentration above the individual AWQS with a decreasing trend since May 2007 (nearly 16 years).
  - Toluene has been reported at a concentration above and below the individual AWQS with a neutral trend (i.e., neither increasing nor decreasing) since May 2012 (nearly 11 years).
  - trans-1,2-Dichloroethene has been reported at a concentration above the individual AWQS with a neutral trend (i.e., neither increasing nor decreasing) since July 2015 (nearly 8 years).
  - Trichloroethene has been reported at a concentration above the individual AWQS with an increasing trend since January 1994 (nearly 29 years).
  - Vinyl chloride has been reported at a concentration above the individual AWQS with an increasing trend since October 1995 (nearly 28 years).
  - Chromium has been reported at a concentration above (and currently below) the individual AWQS with a decreasing trend since May 2007 (nearly 16 years).
  - Copper has been reported at a concentration above (and below since July 2018) the individual AWQS with a decreasing trend since October 2014 (nearly 9 years).
  - Zinc has been reported at a concentration above (and below since October 2007) the individual AWQS with a decreasing trend the individual AWQS since May 2007 (nearly 16 years) with only one exception in October 2014.

Based on historical comparisons of analytical data and in general, the monitoring well groundwater data will continue to be assessed for trends as additional analytical data is collected during future annual monitoring events.

5.5 Groundwater Flow & Well Integrity

Depth to water measurements and calculated groundwater elevations measured from the six on-site monitoring wells are summarized in Table 3. A shallow

groundwater isopotential map, presented as Figure 3, was prepared using data from the August 14, 2023 static depth to water measurements and calculated groundwater elevations. The groundwater flow, as depicted in Figure 3, indicates shallow groundwater flow is in a southwesterly direction, generally toward Eighteen Mile Creek located ±400 feet south of the Site. This flow direction is consistent with previously reported determinations since the landfill was capped in 1987 (some 37 years ago).

Each of the six monitoring wells were checked for integrity of their concrete surface seals, J-plugs or caps, and steel protective casings; each well was in good condition during the current reporting period and did not require any maintenance.

5.6 Site Inspection Results

An annual inspection of the Site was performed on August 14, 2023 in accordance with the SMP Monitoring Program requirements. Orion and NYSDEC representatives were present for much of the groundwater monitoring event. All areas of the Site were inspected to assess the condition of the cover and groundwater monitoring system integrity to determine any evidence of erosion or related deterioration of the Site soils. Based on this inspection, no erosion or deterioration in any areas was noted during the August monitoring event. However, as previously mentioned, a small depression was identified approximately 50-feet northeast of well VDM-12. On August 16, 2023, Vanchlor repaired the depression with topsoil and seeded the area. The completed Landfill/Groundwater Monitoring System Inspection form is provided in Appendix C.

No other corrective actions were noted to address or otherwise correct the problem(s) identified during the inspection for the current reporting period.

6.0 SUMMARY

6.1 Conclusions

Based on the monitoring and inspection results described in Section 5 and conducted during the reporting period of this PRR, compliance with all relevant components of the SMP EC/ICs were achieved. Please refer to the completed Institutional & Engineering Controls Certification Form (Appendix E). At the time of the current annual groundwater monitoring event, the Site was compliant with the IC/ECs described in the SMP and no intrusive activities were performed during the reporting period. The majority of monitoring analytical results were below NYSDEC standards and/or exhibited neutral or decreasing concentrations in both Site groundwater and surface water (see Table 2). The following conclusions can be drawn from the current monitoring period monitoring results:

- Historically, VOCs analyzed for and detected in VDM-14R have exceeded NYS groundwater standards and continue to do so for eight (8) VOCs. Based on the 2023 sampling results, of these eight compounds two are increasing (trichloroethene (TCE) and vinyl chloride (VC)) in concentration based on the 1-yr moving average trends while the remaining six VOCs are either neutral or decreasing in concentration.

- Downgradient concentrations of VOCs, especially TCE and VC, in wells VDM-9 (1987-2013), VDM-9R (2014 -Present), and VDM -10, as well as cross-gradient well VDM-11 and surface water collected in Eighteen Mile Creek, consistently demonstrate that the localized contamination in the vicinity of VDM-14R is not impacting potential off-site receptors.

- The concentration trends for individual parameters in other monitoring wells have fluctuated (both increasing and decreasing) since monitoring began in 1987. However, most notable is that most parameters where trend analysis has been performed, concentrations have either been reported as non-detect, at a concentration well below the individual AWQS/GV for the latest 6 to 10 years of monitoring, or indicate a decreasing trend below the individual AWQS/GV.

Since 1987, groundwater and surface water sampling completed at the Site has successfully assessed the long-term trends of contaminant concentrations to evaluate the performance of the remedy. Groundwater and surface water sample results over the last thirty-seven (37) 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 2024. 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.

6.2 Recommendations

Orion offers the following recommendations for future planned monitoring events at the Vanchlor Landfill:

- Monitoring wells VDM-9R, VDM-10, VDM-11, VDM-14R, and D-55, as well as the surface water sample collected from Eighteen Mile Creek, continue to be an effective detection network for the Site and should continue to be monitored annually.

- Based on trend analysis and as previously stated, several tracked compounds have either been reported as non-detect, at a concentration well below the individual AWQS/GV for the latest 6 to 10 years of monitoring, or indicate a decreasing trend below the individual AWQS/GV (see Table 2) (i.e., compliant with NYSDEC regulations). As such and as color coded dark green on Table 2, we are requesting to discontinue trend analysis tracking of the following:
  - VDM-9R and VDM-11: 1,1,2,2-tetrachloroethane, 1,2-dichloroethane, chloroform, methylene chloride, tetrachloroethene, toluene, trans-1,2-dichloroethene, trichloroethene, vinyl chloride, chromium, copper, and zinc.
  - VDM-10: 1,1,2,2-tetrachloroethane, methylene chloride, tetrachloroethene, toluene, trans-1,2-dichloroethene, trichloroethene, vinyl chloride, chromium, and zinc.
  - VDM-14R: methylene chloride, copper, and zinc.

  Should any of these parameters be detected at either a concentration exceeding the individual AWQS/GV for one annual monitoring event or indicate an increasing trend for three consecutive monitoring events, then the compound will be re-instated as a trend tracked parameter.

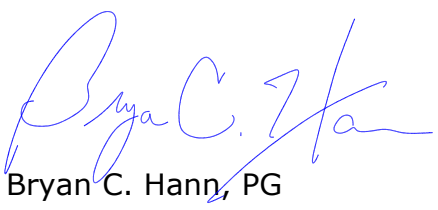
- We request to discontinue collecting the Blind Duplicate quality control sample. The level of accuracy and precision typically evaluated by use of a blind duplicate

sample are not necessary for this type of long-term, post-closure monitoring. Therefore, the Blind Duplicate sample should be eliminated. A trip blank, however, will continue to be submitted as a cursory quality assurance/quality control (QA/QC) evaluation of field handling and shipping of the collected samples.

- Annual Site inspections and reporting to verify the IC/ECs employed at the Site are unchanged from the original design and/or previous certifications should continue.

7.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10. I have the specific qualifications based on education, training, and experience to undertake this Periodic Review Report (PRR) of the property identified as the Vanchlor Landfill Site (NYSDEC Site #932039), 600 Mill Street, Lockport, New York for the current Owner, Vanchlor Company, Inc.



Bryan C. Hann, PG
President

8.0 DECLARATION/LIMITATION

Orion Environmental Solutions, LLC personnel conducted the annual site inspection of the Vanchlor Landfill Site (NYSDEC Site #932039) located in Lockport, New York, according to generally accepted practices. This report has been prepared for the exclusive use of and has complied with the scope of work provided to the owner, Vanchlor Company, Inc. The contents of this report are limited to information available at the time of the Site inspection. The findings herein may be relied upon only at the discretion of Vanchlor Company, Inc. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission from Orion Environmental Solutions, LLC.

9.0 REFERENCES

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

TABLES

TABLE 1

MONITORING / INSPECTION PROGRAM SCHEDULE

Periodic Review Report
February 13, 2023 to February 13, 2024
Vanchlor Landfill Site (932039)
Lockport, New York

Monitoring Program	Frequency [1]	Matrix Description	Analyses
Annual Groundwater & Surface Water Monitoring	Annual (during 3rd quarter)	Sample groundwater from wells: D-55 VDM-9R VDM-10 VDM-11 VDM-12 VDM-14R Sample surface water from Eighteen Mile Creek (just downstream of Site)	Volatile Organic Compounds (VOCs), Method 8260 Metals, Method 6010 Chloride, 9251
Annual Site & Groundwater System Inspection	Annual (during 3rd 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

Notes:
1. The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

TABLE 2

GROUNDWATER & SURFACE WATER ANALYTICAL SUMMARY

Periodic Review Report
February 13, 2023 to February 13, 2024
Vanchlor Landfill Site (932039)
Lockport, New York

Parameter	CasNum	NY-AWQS [1] Class GA	NY-AWQS [1] Class D H(FC) & A(A)	Units	Monitoring Location, Sample Date, Lab Data Package No.									
					VDM-9R		VDM-10		VDM-11		VDM-14R		D-55	Eighteen Mile Creek
					08/15/2023 L2347035-06 Qual	Trend [2]	08/15/2023 L2347035-01 Qual	Trend [2]	08/15/2023 L2347035-02 Qual	Trend [2]	08/15/2023 L2347035-03 Qual	Trend [2]	08/15/2023 L2347035-05 Qual	08/15/2023 L2347035-04 Qual
Field Measurements														
Field pH	NA	**6.5 - 8.5**	**6.5 - 8.5**	S.U	6.02	--	6.15	--	6.31	--	5.56	--	7.43	8.05
Temperature	NA	--	--	DEG C	15.1	--	14.0	--	15.4	--	17.1	--	13.5	22.0
Appearance & Odor	NA	--	--	visual/olfactory	*sl. Orange, none*	--	*clear, none*	--	*clear, sl. Odor*	--	*sl. Tint, none*	--	*clear, none*	*clear, none*
Volume purged (to dryness)	NA	--	--	gallons	± 0.5	--	± 5.0	--	± 0.5	--	± 1.0	--	± 5.0	NA
Wet Chemistry														
Chloride	NA	**250,000**	**--**	ug/L	7,600,000 D	--	5,600,000 D	--	110,000 D	--	3,000,000 D	--	15,000	73,000
TCL Volatile Organic Compounds (VOCs)														
1,1,2,2-Tetrachloroethane	79-34-5	**5**	**--**	ug/L	0.20 J	N (9)	0.5 U	N (29)	1.0	N (21)	51 D	D (13)	0.5 U	0.5 U
1,1,2-Trichloroethane	79-00-5	**1**	**--**	ug/L	1.5 U	--	1.5 U	--	1.5 U	--	27 D	--	1.5 U	1.5 U
1,2-Dichloroethane	107-06-2	**0.6**	**--**	ug/L	0.22 J	N (6)	1.3	N (9)	0.18 J	N (7)	7.4 D	N (11)	0.5 U	0.5 U
Bromochloromethane	74-97-5	**5**	**--**	ug/L	2.5 U	--	2.5 U	--	2.5 U	--	5.0 U	--	2.5 U	2.5 U
Chloroform	67-66-3	**7**	**--**	ug/L	2.5 U	N (9)	2.8	N (22)	2.3 J	N (14)	20 D	D (15)	2.5 U	2.5 U
Methylene chloride	75-09-2	**5**	**200**	ug/L	2.5 U	N (12)	2.5 U	N (14)	2.5 U	N (14)	1.5 JD	D (7)	2.5 U	2.5 U
Tetrachloroethene	127-18-4	**5**	**1***	ug/L	0.94	D (28)	0.5 U	N (29)	3.5	N (8)	150 D	D (16)	0.5 U	0.5 U
Toluene	108-88-3	**5**	**6,000**	ug/L	2.5 U	N (29)	2.5 U	N (14)	2.5 U	N (30)	5.0 U	N (11)	2.5 U	2.5 U
trans-1,2-Dichloroethene	156-60-5	**5**	**--**	ug/L	2.5 U	N (8)	2.5 U	N (28)	2.5 U	N (30)	16 D	N (8)	2.5 U	2.5 U
Trichloroethene	79-01-6	**5**	**40**	ug/L	0.7	N (9)	0.36 J	N (33)	0.78	N (14)	82 D	I (29)	0.5 U	0.5 U
Vinyl chloride	75-01-4	**2**	**--**	ug/L	0.46 J	N (12)	1.0 U	N (14)	1.0 U	N (11)	29 D	I (28)	1.0 U	1.0 U
Total Metals														
Chromium, Total	NA	**50**	**--**	ug/L	1.28	N (17)	1.9	N (9)	1.07	N (9)	3.98 J	D (16)	0.53 J	0.55 J
Copper, Total	NA	**200**	**--**	ug/L	36.72	N (20)	70.16	N (7)	38.68	N (7)	10 U	D (9)	12.62	8.75
Iron, Total	NA	**300**	**300**	ug/L	77600	--	1650	--	2820	--	317000	--	292	285
Zinc, Total	NA	**2,000***	**--**	ug/L	46.32	N (28)	455.8	N (9)	14.78	N (32)	264.1	D (16)	8.16	7.81 J

Notes:

1. NYS Ambient Water Quality Standards/Guidance Values; NYSDEC June 1998 Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. Guidance values are marked with a " * ". Class GA for groundwater and Class D H(FC) and A(A) for surface water.
2. The value shown in parentheses indicates the number of years the concentration has either been reported as non-detect and/or below the individual NYSDEC AWQS/GV (N) OR the value indicates the number of years of a decreasing concentration trend (D).

Qualifier Key:

D = Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
-- = does not apply to this parameter
H(FC) = Human Consumption of Firsh (fresh waters)
HA(A) = Fish Survivial (fresh waters)

Color Code:

= concentration exceeds the NYSDEC Class GA AWQS/GV or NYSDEC Class D H(FC) / A(A) Surface Water Standard/Guidance Value.
= based on trend analysis, this parameter is recommended to be removed from trend analysis reporting.
= based on trend analysis, this parameter is recommended to continue trend analysis reporting.

Trend Definitions:

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

ORION
Environmental Solutions, LLC

TABLE 3

SUMMARY OF GROUNDWATER ELEVATIONS
08/14/2023

Periodic Review Report
February 13, 2023 to February 13, 2024
Vanchlor Landfill Site (932039)
Lockport, New York

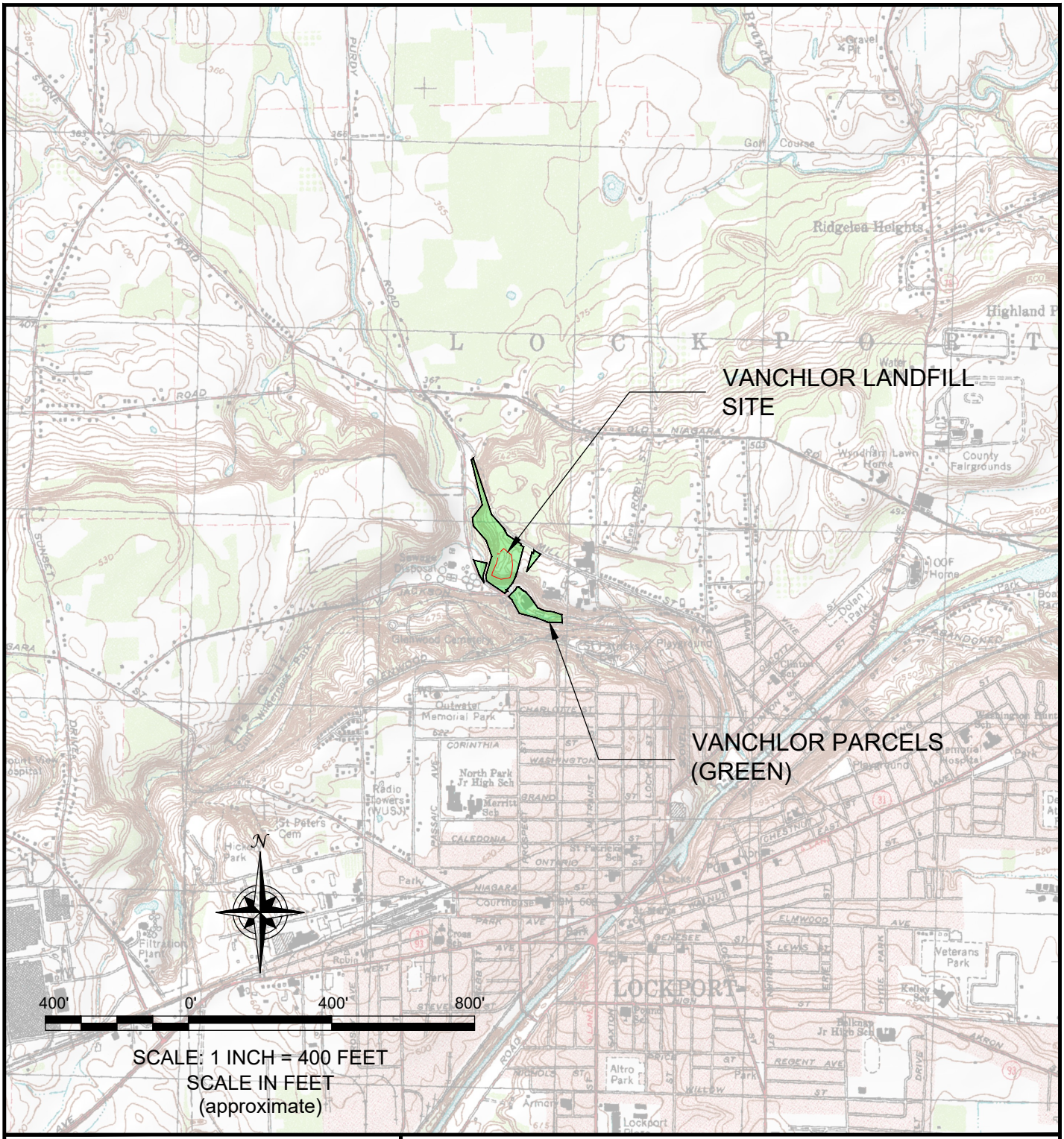
Well No.	Date	Top of Riser Elevation [2] (fmsl)	SWL (fbTOR)	GWE (fmsl)
VDM-9R	08/14/2024	448.58	34.46	414.12
VDM-10	08/14/2024	444.46	32.44	412.02
VDM-11	08/14/2024	450.33	19.43	430.90
VDM-12	08/14/2024	451.01	dry	dry
VDM-14R	08/14/2024	444.74	9.77	434.97
D-55	08/14/2024	468.76	36.51	432.25

Notes:

1. Ground surface elevation are based on 2020 GPS measurements (accuracy +/- 0.09FT).
2. Top of riser (TOR) elevation.
3. SWL = static water level.
4. GWE = groundwater elevation.
5. dry = monitoring well was dry during the current monitoring event

FIGURES

FIGURE 1



ORION Environmental Solutions, LLC
5513 Fenner Road, PO Box 543, Sinclairville, NY 14782

PROJECT NO.: 0040-001-001

DATE: MARCH 2024

DRAFTED BY: BCH

SITE LOCATION & VICINITY MAP

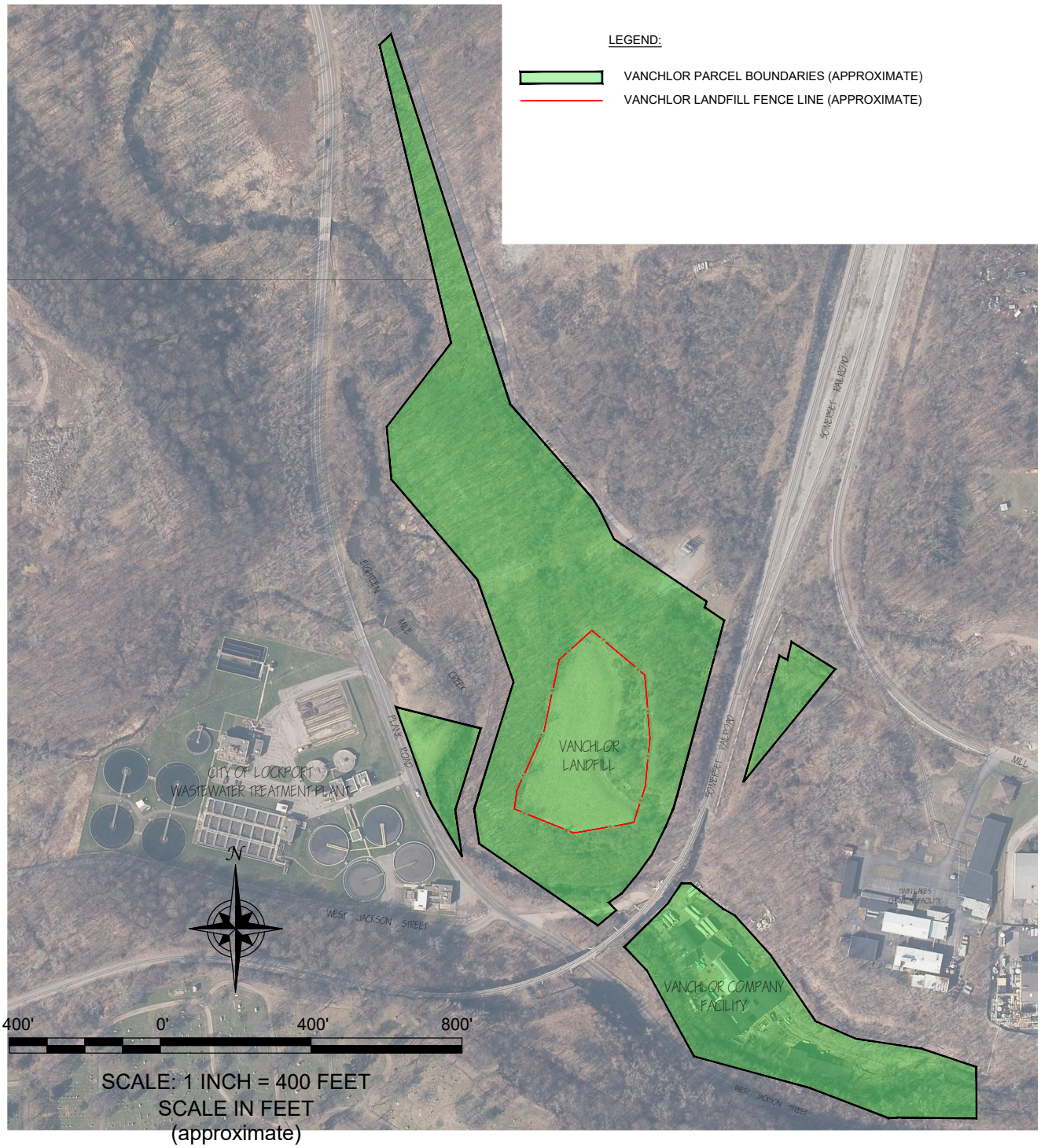
PERIODIC REVIEW REPORT

VANCHLOR LANDFILL SITE (SITE NO. 932039)
LOCKPORT, NEW YORK

PREPARED FOR
VANCHLOR COMPANY INC.

DISCLAIMER:
PROPERTY OF ORION ENVIRONMENTAL SOLUTIONS, LLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF ORION ENVIRONMENTAL SOLUTIONS, LLC.

FIGURE 2



ORION Environmental Solutions, LLC
5513 Fenner Road, PO Box 543, Sinclairville, NY 14782

PROJECT NO.: 0040-001-001

DATE: OCTOBER 2023

DRAFTED BY: BCH

SITE PLAN

PERIODIC REVIEW REPORT

VANCHLOR LANDFILL SITE (SITE NO. 932039)
LOCKPORT, NEW YORK

PREPARED FOR

VANCHLOR COMPANY INC.

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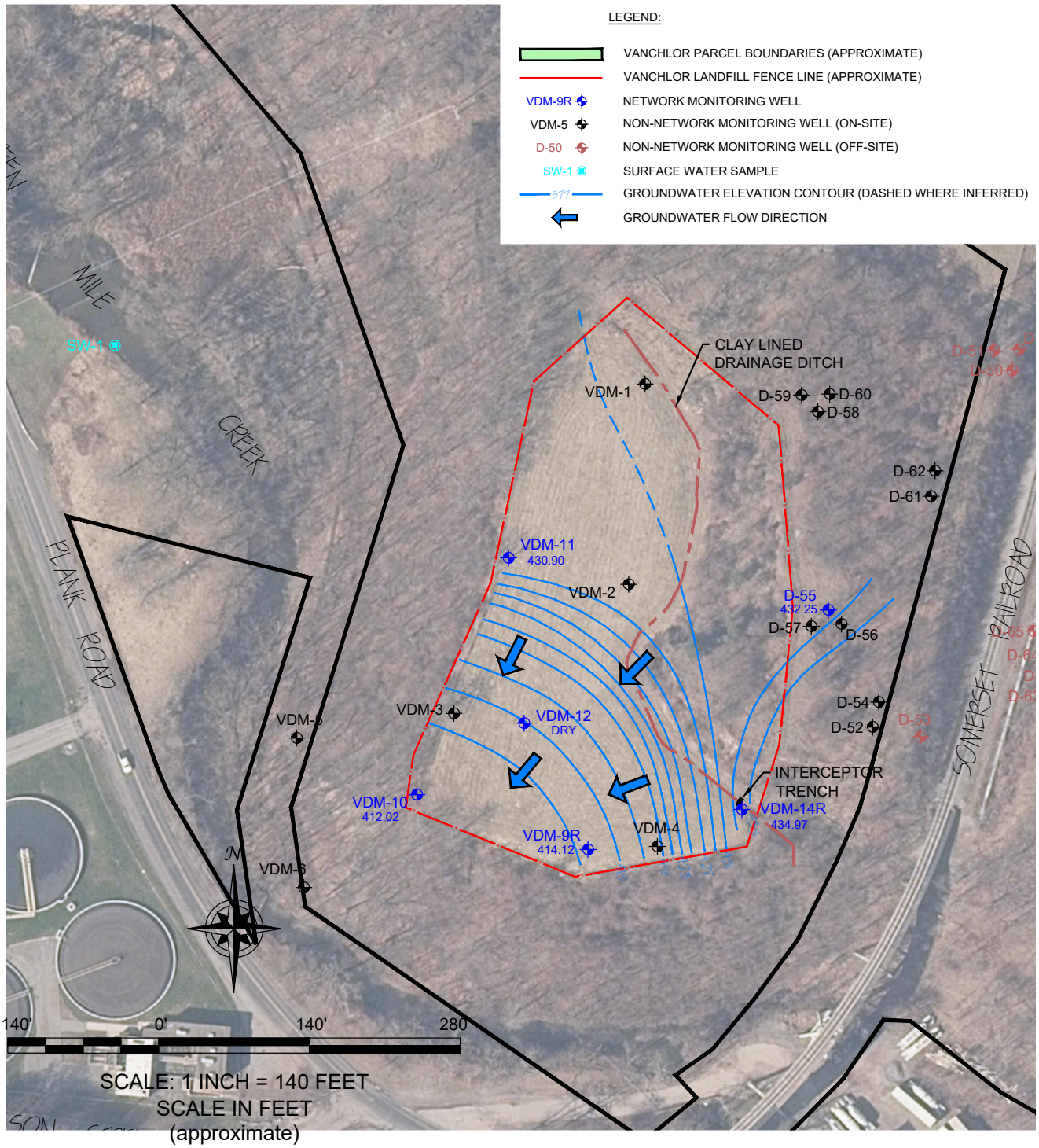
FIGURE 3



ORION
Environmental Solutions, LLC
5513 Fenner Road, PO Box 543, Sinclairville, NY 14782

PROJECT NO.: 0040-001-001

DATE: MARCH 2024

DRAFTED BY: BCH

GROUNDWATER ISOPOTENTIAL MAP
AUGUST 14, 2023

PERIODIC REVIEW REPORT

VANCHLOR LANDFILL SITE (SITE NO. 932039)
LOCKPORT, NEW YORK

PREPARED FOR
VANCHLOR COMPANY INC.

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APPENDIX A

INSPECTION PHOTOLOG

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1. Exterior, looking south at landfill cap and fence (west side).

Photo 2. Exterior, looking north at landfill cap and fence (west side).

Photo 3. Exterior, looking east at landfill cap and fence (south side).

Photo 4. Exterior, looking west at landfill cap and fence (south and east sides).

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5. Exterior, looking west at landfill cap and fence (south side)

Photo 6. Exterior, looking northwest at landfill cap (south side).

Photo 7. Exterior, looking north at landfill cap, interceptor trench, and monitoring well VDM-14R (at right).

Photo 8. Exterior, looking north at landfill cap and interceptor trench (east side).

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9. Exterior, looking north at main gate, landfill cap, and fence (west and north sides).

Photo 10. Exterior, looking north at main gate, landfill cap, and fence (north side).

Photo 11. Exterior, looking north at main gate and fence line (north side).

Photo 12. Exterior, looking south at monitoring well VDM-9R.

SITE PHOTOGRAPHS

Photo 13:

Photo 14:

Photo 15:

Photo 16:

Photo 13. Exterior, looking south at monitoring well VDM-10.

Photo 14. Exterior, looking north at monitoring well VDM-11.

Photo 15. Exterior, looking south at monitoring well VDM-12.

Photo 16. Exterior, looking east at monitoring well VDM-14R.

SITE PHOTOGRAPHS

Photo 17:

Photo 18:

Photo 19:

Photo 20:

Photo 17. Exterior, looking at upgradient monitoring well D-55.

Photo 18. Exterior, looking southwest at upgradient monitoring well

Photo 19. D-55. Exterior, looking south along east side fence line.

Photo 20. Exterior, looking north along east side fence line.

SITE PHOTOGRAPHS

Photo 21:

Photo 22:

Photo 23:

Photo 24:

Photo 21. Exterior, looking south at small depression located approximately 50-feet northeast of monitoring well VDM-12 (background right).

Photo 22. Exterior, looking southeast at small depression located approximately 50-feet northeast of monitoring well VDM-12 (at right).

Photo 23. NA

Photo 24. NA

APPENDIX B

ANALYTICAL DATA REPORTS

ANALYTICAL REPORT

Lab Number:	L2347035
Client:	Vanchlor Co., Inc. 45 Main Street Lockport, NY 14094
ATTN:	Brian Law
Phone:	(716) 434-2200
Project Name:	ANNUAL GROUNDWATER MONITORING
Project Number:	Not Specified
Report Date:	08/28/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2347035
Report Date: 08/28/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2347035-01	VDM-10	WATER	LOCKPORT, NY	08/15/23 09:22	08/15/23
L2347035-02	VDM-11	WATER	LOCKPORT, NY	08/15/23 09:10	08/15/23
L2347035-03	VDM-14	WATER	LOCKPORT, NY	08/15/23 09:38	08/15/23
L2347035-04	EIGHTEEN MILE CREEK	WATER	LOCKPORT, NY	08/15/23 10:10	08/15/23
L2347035-05	D-55	WATER	LOCKPORT, NY	08/15/23 09:50	08/15/23
L2347035-06	VDM-9	WATER	LOCKPORT, NY	08/15/23 09:30	08/15/23
L2347035-07	FIELD DUP	WATER	LOCKPORT, NY	08/15/23 09:50	08/15/23
L2347035-08	TRIP BLANK	WATER	LOCKPORT, NY	08/15/23 00:00	08/15/23

Project Name:	ANNUAL GROUNDWATER MONITORING	**Lab Number:**	L2347035
Project Number:	Not Specified	**Report Date:**	08/28/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ANNUAL GROUNDWATER MONITORING	**Lab Number:**	L2347035
Project Number:	Not Specified	**Report Date:**	08/28/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Please note that this report format does not contain typical QC parameters that were performed with these samples. As such, any QC outliers or non-conformances can only be reviewed by accessing your Alpha Customer Center account at www.alphalab.com and building a Data Usability table (format 11) in our Data Merger tool.

Volatile Organics

L2347035-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Total Metals

L2347035-03: The sample has elevated detection limits for all elements due to the dilution required by matrix interferences encountered during analysis.

The WG1816599-3 MS recovery, performed on L2347035-01, is outside the acceptance criteria for iron (69%). A post digestion spike was performed and was within acceptance criteria.

Chloride

The WG1819335-4 MS recovery for chloride (0%), performed on L2347035-01, does not apply because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 08/28/23

VOLATILES

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-01
Client ID: VDM-10
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 09:22
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 11:22
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
Chloroform	2.8		ug/l	2.5	0.70	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloroethane	1.3		ug/l	0.50	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Toluene	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.36	J	ug/l	0.50	0.18	1
Bromochloromethane	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-02
Client ID: VDM-11
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 09:10
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 11:49
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
Chloroform	2.3	J	ug/l	2.5	0.70	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	3.5		ug/l	0.50	0.18	1
1,2-Dichloroethane	0.18	J	ug/l	0.50	0.13	1
1,1,2,2-Tetrachloroethane	1.0		ug/l	0.50	0.17	1
Toluene	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.78		ug/l	0.50	0.18	1
Bromochloromethane	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-03 D
Client ID: VDM-14
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 09:38
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 12:15
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	1.5	J	ug/l	5.0	1.4	2
Chloroform	20		ug/l	5.0	1.4	2
1,1,2-Trichloroethane	27		ug/l	3.0	1.0	2
Tetrachloroethene	150		ug/l	1.0	0.36	2
1,2-Dichloroethane	7.4		ug/l	1.0	0.26	2
1,1,2,2-Tetrachloroethane	51		ug/l	1.0	0.33	2
Toluene	ND		ug/l	5.0	1.4	2
Vinyl chloride	29		ug/l	2.0	0.14	2
trans-1,2-Dichloroethene	16		ug/l	5.0	1.4	2
Trichloroethene	82		ug/l	1.0	0.35	2
Bromochloromethane	ND		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-04
Client ID: EIGHTEEN MILE CREEK
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 10:10
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 12:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Toluene	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
Bromochloromethane	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-05
Client ID: D-55
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 09:50
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 13:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Toluene	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
Bromochloromethane	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-06
Client ID: VDM-9
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 09:30
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 13:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.94		ug/l	0.50	0.18	1
1,2-Dichloroethane	0.22	J	ug/l	0.50	0.13	1
1,1,2,2-Tetrachloroethane	0.20	J	ug/l	0.50	0.17	1
Toluene	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.46	J	ug/l	1.0	0.07	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.70		ug/l	0.50	0.18	1
Bromochloromethane	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-07
Client ID: FIELD DUP
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 09:50
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 14:00
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Toluene	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
Bromochloromethane	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-08
Client ID: TRIP BLANK
Sample Location: LOCKPORT, NY

Date Collected: 08/15/23 00:00
Date Received: 08/15/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/22/23 14:27
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Toluene	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
Bromochloromethane	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

METALS

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-01 Date Collected: 08/15/23 09:22

Client ID: VDM-10 Date Received: 08/15/23

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.00190		mg/l	0.00100	0.00017	1	08/17/23 03:30	08/18/23 11:07	EPA 3005A	1,6020B	EJF
Copper, Total	0.07016		mg/l	0.00100	0.00038	1	08/17/23 03:30	08/18/23 11:07	EPA 3005A	1,6020B	EJF
Iron, Total	1.65		mg/l	0.0500	0.0191	1	08/17/23 03:30	08/18/23 11:07	EPA 3005A	1,6020B	EJF
Zinc, Total	0.4558		mg/l	0.01000	0.00341	1	08/17/23 03:30	08/18/23 11:07	EPA 3005A	1,6020B	EJF

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-02 Date Collected: 08/15/23 09:10

Client ID: VDM-11 Date Received: 08/15/23

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.00107		mg/l	0.00100	0.00017	1	08/17/23 03:30	08/28/23 09:32	EPA 3005A	1,6020B	EJF
Copper, Total	0.03868		mg/l	0.00100	0.00038	1	08/17/23 03:30	08/28/23 09:32	EPA 3005A	1,6020B	EJF
Iron, Total	2.82		mg/l	0.0500	0.0191	1	08/17/23 03:30	08/28/23 09:32	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01478		mg/l	0.01000	0.00341	1	08/17/23 03:30	08/28/23 09:32	EPA 3005A	1,6020B	EJF

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-03 Date Collected: 08/15/23 09:38

Client ID: VDM-14 Date Received: 08/15/23

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.00398	J	mg/l	0.01000	0.00178	10	08/17/23 03:30	08/24/23 20:30	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.01000	0.00384	10	08/17/23 03:30	08/24/23 20:30	EPA 3005A	1,6020B	EJF
Iron, Total	317.		mg/l	0.500	0.191	10	08/17/23 03:30	08/24/23 20:30	EPA 3005A	1,6020B	EJF
Zinc, Total	0.2641		mg/l	0.1000	0.03410	10	08/17/23 03:30	08/24/23 20:30	EPA 3005A	1,6020B	EJF

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-04 Date Collected: 08/15/23 10:10

Client ID: EIGHTEEN MILE CREEK Date Received: 08/15/23

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.00055	J	mg/l	0.00100	0.00017	1	08/17/23 03:30	08/24/23 20:34	EPA 3005A	1,6020B	EJF
Copper, Total	0.00875		mg/l	0.00100	0.00038	1	08/17/23 03:30	08/24/23 20:34	EPA 3005A	1,6020B	EJF
Iron, Total	0.285		mg/l	0.0500	0.0191	1	08/17/23 03:30	08/24/23 20:34	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00781	J	mg/l	0.01000	0.00341	1	08/17/23 03:30	08/24/23 20:34	EPA 3005A	1,6020B	EJF

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-05 Date Collected: 08/15/23 09:50

Client ID: D-55 Date Received: 08/15/23

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.00053	J	mg/l	0.00100	0.00017	1	08/17/23 03:30	08/24/23 20:50	EPA 3005A	1,6020B	EJF
Copper, Total	0.01262		mg/l	0.00100	0.00038	1	08/17/23 03:30	08/24/23 20:50	EPA 3005A	1,6020B	EJF
Iron, Total	0.292		mg/l	0.0500	0.0191	1	08/17/23 03:30	08/24/23 20:50	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00816	J	mg/l	0.01000	0.00341	1	08/17/23 03:30	08/24/23 20:50	EPA 3005A	1,6020B	EJF

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-06 Date Collected: 08/15/23 09:30

Client ID: VDM-9 Date Received: 08/15/23

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.00128		mg/l	0.00100	0.00017	1	08/17/23 03:30	08/24/23 20:55	EPA 3005A	1,6020B	EJF
Copper, Total	0.03672		mg/l	0.00100	0.00038	1	08/17/23 03:30	08/24/23 20:55	EPA 3005A	1,6020B	EJF
Iron, Total	77.6		mg/l	0.0500	0.0191	1	08/17/23 03:30	08/24/23 20:55	EPA 3005A	1,6020B	EJF
Zinc, Total	0.04632		mg/l	0.01000	0.00341	1	08/17/23 03:30	08/24/23 20:55	EPA 3005A	1,6020B	EJF

Project Name: ANNUAL GROUNDWATER MONITORING **Lab Number:** L2347035

Project Number: Not Specified **Report Date:** 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-07 Date Collected: 08/15/23 09:50

Client ID: FIELD DUP Date Received: 08/15/23

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	0.00095	J	mg/l	0.00100	0.00017	1	08/17/23 03:30	08/25/23 09:25	EPA 3005A	1,6020B	EJF
Copper, Total	0.01054		mg/l	0.00100	0.00038	1	08/17/23 03:30	08/25/23 09:25	EPA 3005A	1,6020B	EJF
Iron, Total	0.357		mg/l	0.0500	0.0191	1	08/17/23 03:30	08/25/23 09:25	EPA 3005A	1,6020B	EJF
Zinc, Total	0.01362		mg/l	0.01000	0.00341	1	08/17/23 03:30	08/25/23 09:25	EPA 3005A	1,6020B	EJF

INORGANICS
&
MISCELLANEOUS

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2347035
Report Date: 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-01
Client ID: VDM-10
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Water
Date Collected: 08/15/23 09:22
Date Received: 08/15/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	5600		mg/l	100	89.	100	-	08/23/23 21:57	1,9251	THL

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2347035
Report Date: 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-02
Client ID: VDM-11
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Water
Date Collected: 08/15/23 09:10
Date Received: 08/15/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	110		mg/l	10	8.9	10	-	08/23/23 21:05	1,9251	THL

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2347035
Report Date: 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-03
Client ID: VDM-14
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Water
Date Collected: 08/15/23 09:38
Date Received: 08/15/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	3000		mg/l	100	89.	100	-	08/23/23 21:52	1,9251	THL

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2347035
Report Date: 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-04
Client ID: EIGHTEEN MILE CREEK
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Water
Date Collected: 08/15/23 10:10
Date Received: 08/15/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	73.		mg/l	1.0	0.89	1	-	08/23/23 21:10	1,9251	THL

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2347035
Report Date: 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-05
Client ID: D-55
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Water
Date Collected: 08/15/23 09:50
Date Received: 08/15/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	15.		mg/l	1.0	0.89	1	-	08/23/23 21:10	1,9251	THL

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2347035
Report Date: 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-06
Client ID: VDM-9
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Water

Date Collected: 08/15/23 09:30
Date Received: 08/15/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	7600		mg/l	100	89.	100	-	08/23/23 22:03	1,9251	THL

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified
Lab Number: L2347035
Report Date: 08/28/23

SAMPLE RESULTS

Lab ID: L2347035-07
Client ID: FIELD DUP
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Water
Date Collected: 08/15/23 09:50
Date Received: 08/15/23
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chloride	15.		mg/l	1.0	0.89	1	-	08/23/23 22:05	1,9251	THL

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2347035
Report Date: 08/28/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347035-01A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-01B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-01C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-01D	Plastic 60ml unpreserved	A	7	7	3.5	Y	Absent		CL-9251(28)
L2347035-01E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180)
L2347035-02A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-02B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-02C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-02D	Plastic 60ml unpreserved	A	7	7	3.5	Y	Absent		CL-9251(28)
L2347035-02E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180)
L2347035-03A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-03B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-03C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-03D	Plastic 60ml unpreserved	A	7	7	3.5	Y	Absent		CL-9251(28)
L2347035-03E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180)
L2347035-04A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-04B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-04C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-04D	Plastic 60ml unpreserved	A	7	7	3.5	Y	Absent		CL-9251(28)
L2347035-04E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180)
L2347035-05A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-05B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: ANNUAL GROUNDWATER MONITORING
Project Number: Not Specified

Lab Number: L2347035
Report Date: 08/28/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2347035-05C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-05D	Plastic 60ml unpreserved	A	7	7	3.5	Y	Absent		CL-9251(28)
L2347035-05E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180)
L2347035-06A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-06B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-06C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-06D	Plastic 60ml unpreserved	A	7	7	3.5	Y	Absent		CL-9251(28)
L2347035-06E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180)
L2347035-07A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-07B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-07C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-07D	Plastic 60ml unpreserved	A	7	7	3.5	Y	Absent		CL-9251(28)
L2347035-07E	Plastic 250ml HNO3 preserved	A	<2	<2	3.5	Y	Absent		FE-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180)
L2347035-08A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-08B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260(14)
L2347035-08C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	ANNUAL GROUNDWATER MONITORING	**Lab Number:**	L2347035
Project Number:	Not Specified	**Report Date:**	08/28/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report - No QC w/'J' Qual

Project Name:	ANNUAL GROUNDWATER MONITORING	**Lab Number:**	L2347035
Project Number:	Not Specified	**Report Date:**	08/28/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report - No QC w/'J' Qual

Project Name:	ANNUAL GROUNDWATER MONITORING	**Lab Number:**	L2347035
Project Number:	Not Specified	**Report Date:**	08/28/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	ANNUAL GROUNDWATER MONITORING	**Lab Number:**	L2347035
Project Number:	Not Specified	**Report Date:**	08/28/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL
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TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/16/23

ALPHA Job #: L2347035

Client Information
Client: Vanchlor Company Inc.
Address: 45 Main St.
Lockport, NY 14094
Phone: 716-434-2200
Fax:
Email: blaw@vanchlor.com

Project Information
Project Name: Annual Groundwater Monitoring
Project Location: Lockport, NY
Project #
(Use Project name as Project #) ☐
Project Manager: Brian Law
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Client Code: VANCHLOR
Metals List - Cr, Cu, Fe, Zn

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260 (2172)	*Metals	Chloride		Field pH/Temp				Total Bottle	Sample Specific Comments
L2347035-01	VDM-10	8-15-23	922	Water	TW/AF	X	X	X						5	pH 6.15 Temp: 14.0°C
-02	VDM-11		910	Water		X	X	X						5	pH: 6.31 Temp: 15.4°C
-03	VDM-14		938	Water		X	X	X						5	pH: 5.56 Temp: 17.1°C
-04	VDM-12			Water		X	X	X						5	Dry, No Samples
-05 -04	Eighteen Mile Creek		1010	Water	TW/AF	X	X	X						5	pH: 8.05 Temp: 22.0°
-06 -05	D-55		950	Water		X	X	X						5	pH: 7.43 Temp 13.5°C
-07 -06	VDM-9		930	Water		X	X	X						5	pH: 6.02 Temp: 15.1°C
-08 -07	Field DUP		950	Water		X	X	X						5	pH: 7.43 Temp 13.5°C
-09 -08	Trip Blank	8-15-23		DI Water		X								2	
MT 8/16/23															

Container Type: V P P
Preservative: B C A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
AAL	8-15-23/1135		8/16/23 0110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

APPENDIX C

FIELD FORMS

ORION

APPENDIX E

Attachment 1-B

8/14/2023

Groundwater Monitoring System Inspection Plan and Form

A. Inspections of the groundwater monitoring system shall be performed on an annual basis to conform with the SMP 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 Vanchlor in an inspection log book or file for the full term of the Administrative Order governing the implementation of the SMP. Copies of the inspections shall be submitted with the 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 in 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, Vanchlor shall notify the Department within one week of the sampling event.

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? one small depression NE of VDM-12	(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 feet?	(YES)	NO
4.3	Accessible entry to the site?	(YES)	NO
4.4	Property "Posted Signs" visible and intact?	(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 there 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:

Signature: _____ Date: 8/14/2023

Well Purging / Sampling Data

WELL VDM-9R:

WELL PURGING DATA:

DATE: 8-14-23

START TIME: 1011

FINISH TIME: 1015

A:	MP ELEVATION:	448.58 FEET	
B:	DEPTH TO WATER:		34.36 FEET
C:	DEPTH OF WELL INSTALLED:	37.35 ft.	
D:	STATIC WATER LEVEL:	C-D =	2.99 FEET
E:	WELL VOLUME:	E * 0.1636 =	0.48 GALLONS
F:	DEPTH OF WELL AS MEASURED:		39.15 FEET

WELL SAMPLING DATA:

DATE: 8-15-23

START TIME: 930

FINISH TIME: 937

A:	MP ELEVATION:	448.58 FEET	
B:	DEPTH TO WATER:		36.62 FEET
C:	DEPTH OF WELL INSTALLED:	37.35 ft.	
D:	STATIC WATER LEVEL:	C-D =	0.73 FEET
E:	WELL VOLUME:	E * 0.1636 =	0.12 GALLONS
F:	DEPTH OF WELL AS MEASURED:		TW ~~6.02~~ 39.15 FEET Temp 15.1°C
G:	pH OF SAMPLE:		6.02 pH
H:	pH METER CALIBRATED?:	YES [✓]	NO [ ]

I: SAMPLES OBTAINED:

1- TOTAL METALS, 1 TOTAL CHLORIDES, 2 VOAs

J: WEATHER CONDITIONS: Sunny ~ 74

K: SAMPLER(S): Sl. orange tint, No odor AAL

L: COMMENTS: Solid bottom, purged ~0.5 gal to dry. Orange → Dark orange Sampling:

Well Purging / Sampling Data

WELL VDM-10:

WELL PURGING DATA: DATE: 8-14-23

START TIME: 938 FINISH TIME: 1005

A: MP ELEVATION: 444.46 FEET

B: DEPTH TO WATER: 32.44 FEET

C: DEPTH OF WELL INSTALLED: 45.76 ft.

D: STATIC WATER LEVEL: C-D = 13.32 FEET

E: WELL VOLUME: E * 0.1636 = 2.18 GALLONS

F: DEPTH OF WELL AS MEASURED: 46.38 FEET

WELL SAMPLING DATA:

DATE: 8-15-23

START TIME: 922 FINISH TIME: 926

A: MP ELEVATION: 444.46 FEET

B: DEPTH TO WATER: 414.30 FEET

C: DEPTH OF WELL INSTALLED: 45.76 ft.

D: STATIC WATER LEVEL: C-D = 1.46 FEET

E: WELL VOLUME: E * 0.1636 = 0.24 GALLONS

F: DEPTH OF WELL AS MEASURED: 46.38 FEET

G: pH OF SAMPLE: 6.15 pH Temp 14.0

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

I: SAMPLES OBTAINED:

1- TOTAL METALS, 1 TOTAL CHLORIDES, 2 VOAs

J: WEATHER CONDITIONS: Sunny ~74

K: SAMPLER(S): clear, No oder AAL

L: COMMENTS: Purged ~ 5 gal to dry, clear → sl. turbid Solid bottom

Samples:

Well Purging / Sampling Data

WELL VDM-11:

WELL PURGING DATA:

DATE: 8-14-23

START TIME: 925

FINISH TIME: 930

A:	MP ELEVATION:	450.33 FEET	
B:	DEPTH TO WATER:		19.43 FEET
C:	DEPTH OF WELL INSTALLED:	22.63 ft.	
D:	STATIC WATER LEVEL:	C-D =	3.20 FEET
E:	WELL VOLUME:	E * 0.1636 =	0.52 GALLONS
F:	DEPTH OF WELL AS MEASURED:		22.78 FEET

WELL SAMPLING DATA:

DATE: 8-15-23

START TIME: 910

FINISH TIME: 918

A:	MP ELEVATION:	450.33 FEET	
B:	DEPTH TO WATER:		20.23 FEET
C:	DEPTH OF WELL INSTALLED:	22.63 ft.	
D:	STATIC WATER LEVEL:	C-D =	2.40 FEET
E:	WELL VOLUME:	E * 0.1636 =	0.39 GALLONS
F:	DEPTH OF WELL AS MEASURED:		22.78 FEET
G:	pH OF SAMPLE:		6.31 SU pH Temp: 15.4 °C
H:	pH METER CALIBRATED?:	YES [✓]	NO [ ]

I: SAMPLES OBTAINED:

1- TOTAL METALS, 1 TOTAL CHLORIDES, 2 VOAs

J: WEATHER CONDITIONS: Sunny ~74

K: SAMPLER(S): Clear w/ ~~St. tint~~ St. odor [redacted] AAL

L: COMMENTS: Purged ~0.5 gals to dry, clear w/ organic, Ants, spoonsy bottom Sample:

Well Purging / Sampling Data

WELL VDM-12:

WELL PURGING DATA: DATE: 8-14-23

START TIME: 935 FINISH TIME: _____

A: MP ELEVATION: 451.01 FEET

B: DEPTH TO WATER: Dry FEET

C: DEPTH OF WELL INSTALLED: 14.91

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

E: WELL VOLUME: E * 0.1636 = _____ GALLONS

F: DEPTH OF WELL AS MEASURED: 13.15 FEET

WELL SAMPLING DATA:

DATE: _____

START TIME: _____ FINISH TIME: _____

A: MP ELEVATION: 451.01 FEET

B: DEPTH TO WATER: _____ FEET

C: DEPTH OF WELL INSTALLED: 14.91

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

E: WELL VOLUME: E * 0.1636 = _____ GALLONS

F: DEPTH OF WELL AS MEASURED: _____ FEET

G: pH OF SAMPLE: _____ pH

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

I: SAMPLES OBTAINED:

1- TOTAL METALS, 1 TOTAL CHLORIDES, 2 VOAs

J: WEATHER CONDITIONS: _____

K: SAMPLER(S): [signature] AAL

L: COMMENTS: well was dry, muddy bottom, No Sample collected

Well Purging / Sampling Data

WELL VDM-14R:

WELL PURGING DATA:

DATE: 8-14-23

START TIME: 1025

FINISH TIME: 1030

A: MP ELEVATION: 444.74 FEET

B: DEPTH TO WATER: 9.77 FEET

C: DEPTH OF WELL INSTALLED: 11.5

D: STATIC WATER LEVEL: C-D = 1.73 FEET

E: WELL VOLUME: E * 0.1636 = 0.28 GALLONS

F: DEPTH OF WELL AS MEASURED: 11.60 FEET

WELL SAMPLING DATA:

DATE: 8-15-23

START TIME: 938

FINISH TIME: 945

A: MP ELEVATION: 444.74 FEET

B: DEPTH TO WATER: 9.78 FEET

C: DEPTH OF WELL INSTALLED: 11.5

D: STATIC WATER LEVEL: C-D = 1.72 FEET

E: WELL VOLUME: E * 0.1636 = 0.28 GALLONS

F: DEPTH OF WELL AS MEASURED: 11.60 ~~5.56~~ TW FEET Temp. 17.1

G: pH OF SAMPLE: 5.56 pH

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

I: SAMPLES OBTAINED:

1- TOTAL METALS, 1 TOTAL CHLORIDES, 2 VOAs

J: WEATHER CONDITIONS: Sunny ~ 74

K: SAMPLER(S): Sl. tint, No odor AAL

L: COMMENTS: purged ~ 1 gal. ~~clear~~ → sl. turbid → Sl. tint, Solid bottom sampling.

APPENDIX E

Attachment 1-A

Well Purging / Sampling Data

WELL D-55:

WELL PURGING DATA: DATE: 8-14-23

START TIME: 1100 FINISH TIME: 1115

A:	MP ELEVATION: 468.76 FEET		
B:	DEPTH TO WATER:		36.51 FEET
C:	DEPTH OF WELL INSTALLED:	46.40 ft.	
D:	STATIC WATER LEVEL:	C-D =	9.89 FEET
E:	WELL VOLUME: E * 0.1636 =		1.61 GALLONS
F:	DEPTH OF WELL AS MEASURED:		47.22 FEET

WELL SAMPLING DATA:

DATE: 8-15-23

START TIME: 950 FINISH TIME: 1000

A:	MP ELEVATION: 468.76 FEET		
B:	DEPTH TO WATER:		36.39 FEET
C:	DEPTH OF WELL INSTALLED:	46.40 ft.	
D:	STATIC WATER LEVEL:	C-D =	10.01 FEET
E:	WELL VOLUME: E * 0.1636 =		1.63 GALLONS
F:	DEPTH OF WELL AS MEASURED:		47.22 FEET
G:	pH OF SAMPLE:		7.43 SU pH Temp: 13.5
H:	pH METER CALIBRATED?: YES [✓]		NO [ ]
I:	SAMPLES OBTAINED:		

1- TOTAL METALS, 1 TOTAL CHLORIDES, 2 VOAs

J: WEATHER CONDITIONS: Sunny ~ 74

K: SAMPLER(S): Clear → Sl. tint, Dup collected AJL

L: COMMENTS: purged ~ 5 gal, solid bottom, clear

Field Data Sheet

Section 1: Event Information

Customer:	Vanchlor	Date:	8-15-23
Site/Location:	Eighteen Mile creek	Time:	1010
Sampler Name (printed):	Tom webster	Weather:	Sunny

Section 2: Sample Collection Information

Type of sample:	☒ Grab ☐ Composite ☐ Manual Composite ☐ Other: _____
	If composite, Isco ID: _____

Section 3: Field Readings

Field pH (SM4500H+-B):	8.05		Flow 1:		Units:
Meter ID:	A2		Flow 2:		Units:
Residual Chlorine (SM4500Cl-G):		mg/L	Flow 3:		Units:
Meter ID:	Na		Flow 4:		Units:
Temperature:	☐ C ☐ F				

Section 4: On-site Meter/Site Readings

pH:			Integrator Value:		Units:
Temperature:	☐ C ☐ F		Diameter of outfall pipe:		
Refrigerator Temperature:	☐ C ☐ F		Depth of outfall pipe:		

Section 5 Field Observations

Sampler Signature:

Scanned with CamScanner

APPENDIX D

HISTORICAL PARAMETER TREND ANALYSIS

ORION

APPENDIX D1

VDM-9R

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
1,1,2,2-TETRACHLOROETHANE

ug/l

250.00
200.00
150.00
100.00
50.00
0.00

Jan-88 Jan-89 Jan-90 Jan-91 Jan-92 Jan-93 Jan-94 Jan-95 Jan-96 Jan-97 Jan-98 Jan-99 Jan-00 Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23

1,1,2,2-TETRACHLOROETHANE
1 YEAR MOVING AVERAGE
NYSDEC EXCEEDANCE VALUE
Linear (1 YEAR MOVING AVERAGE)

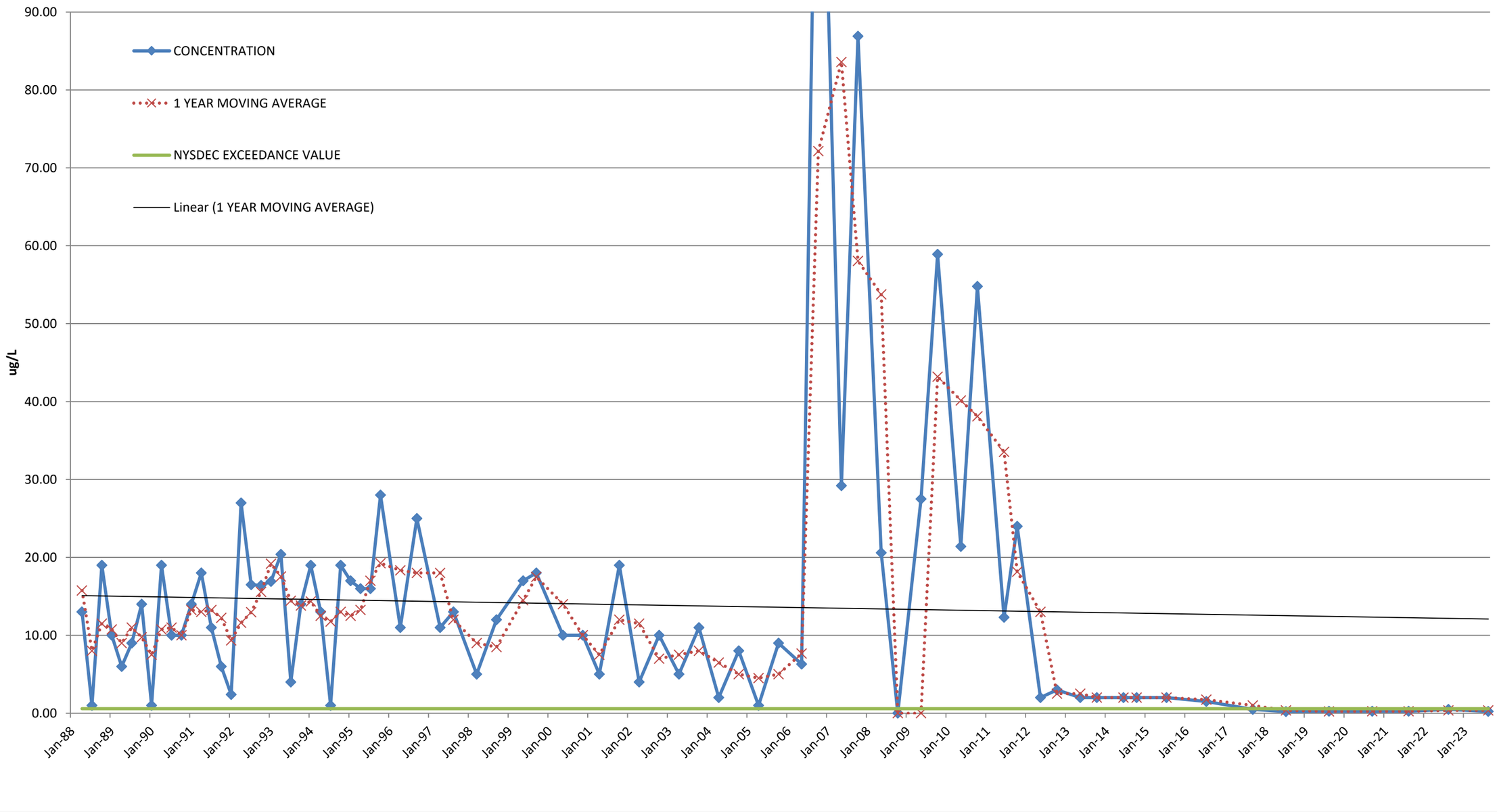
WELL VDM-9 & 9R: 1,1,2,2-TETRACHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jan-87		5	5	TOTAL STD	73.95559					1
Apr-87		5	5	TOTAL Sx	8.373822					2
Jul-87	257.00	5	5	TOTAL MEAN	56.37785					3
Oct-87	198.00	5	5	TOTAL N	79	227.50				4
Jan-88	76.00	5	5	TOTAL df	78	177.00				5
Apr-88	116.00	5	5			161.75				6
Jul-88	500.00	5	5			222.50				7
Oct-88	290.00	5	5			245.50				8
Jan-89	64.00	5	5			242.50				9
Apr-89	12.00	5	5			216.50				10
Jul-89	29.00	5	5			98.75				11
Oct-89	100.00	5	5			51.25				12
Jan-90	58.00	5	5			49.75				13
Apr-90	120.00	5	5			76.75				14
Jul-90	73.00	5	5			87.75				15
Oct-90	124.00	5	5			93.75				16
Jan-91	77.00	5	5			98.50				17
Apr-91	77.00	5	5			87.75				18
Jul-91	58.00	5	5			84.00				19
Oct-91	29.00	5	5			60.25				20
Jan-92	75.00	5	5			59.75				21
Apr-92	100.00	5	5			65.50				22
Jul-92	78.40	5	5			70.60				23
Oct-92	47.80	5	5			75.30				24
Jan-93	68.10	5	5			73.58				25
Apr-93	96.00	5	5			72.58				26
Jul-93	38.00	5	5			62.48				27
Oct-93	44.00	5	5			61.53				28
Jan-94	67.00	5	5			61.25				29
Apr-94	100.00	5	5			62.25				30
Jul-94	2.60	5	5			53.40				31
Oct-94	70.00	5	5			59.90				32
Jan-95	100.00	5	5			68.15				33
Apr-95	79.00	5	5			62.90				34
Jul-95	61.00	5	5			77.50				35
Oct-95	130.00	5	2			92.50				36
Apr-96	51.00	5	2			80.66667	73.25	04/01/96		37
Sep-96	140.00	5	10			95.5	95.5	09/17/96	semiannual	38
Apr-97	55.00	5	10			97.5	97.5	04/03/97	semiannual	39
Aug-97	58.00	5	10			56.5	56.5	08/27/97	semiannual	40
Mar-98	9.50	5	5			33.75	33.75	03/24/98	semiannual	41
Sep-98	61.00	5	5			35.25	35.25	09/22/98	semiannual	42
May-99	56.00	5	10			58.5	58.5	05/11/99	semiannual	43
Sep-99	70.00	5	10			63	63	09/29/99	semiannual	44
May-00	36.00	5	10			53	53	05/16/00	semiannual	45
Nov-00	54.00	5	5			45	45	11/28/00	semiannual	46
Apr-01	28.00	5	5			41	41	04/04/01	semiannual	47
Oct-01	60.00	5	5			44	44	10/18/01	semiannual	48
Apr-02	24.00	5	5			42	42	04/18/02	semiannual	49
Oct-02	33.00	5	5			28.5	28.5	10/03/02	semiannual	50
Apr-03	22.00	5	5			27.5	27.5	04/25/03	semiannual	51
Oct-03	47.00	5	5			34.5	34.5	10/03/03	semiannual	52
Apr-04	14.00	5	5			30.5	30.5	04/01/04	semiannual	53
Oct-04	40.00	5	5			27	27	10/19/04	semiannual	54
Apr-05	9.00	5	5			24.5	24.5	04/22/05	semiannual	55
Oct-05	20.00	5	5			14.5	14.5	10/07/05	semiannual	56
May-06	21.00	5	5			20.5	20.5	05/11/06	semiannual	57
Oct-06	3.90	5	5			12.45	12.45	10/18/06	semiannual	58
May-07	12.80	5	5			8.35	8.35	05/22/07	semiannual	59
Oct-07	15.40	5	5			14.1	14.1	10/25/07	semiannual	60
May-08	13.00	5	5			14.2	14.2	05/13/08	semiannual	61
Oct-09	11.50	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	5.00	5	5			6.73	6.73	10/18/10	semiannual	64

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

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jun-11	2.00	5	2			3.5	3.5	06/02/11	semiannual	65
Oct-11	5.50	5	2			3.75	3.75	10/12/11	semiannual	66
May-12	9.90	5	2			7.7	7.7	05/18/12	semiannual	67
Oct-12	10.00	5	2			9.95	9.95	10/11/12	semiannual	68
May-13	12.70	5	2			11.35	11.35	05/17/13	semiannual	69
Oct-13	10.30	5	2			11.5	11.5	10/11/13	semiannual	70
Jun-14	2.10	5	2			6.2	6.2	05/06/14	semiannual	71
Oct-14	2.00	5	2			2.05	2.05	10/06/14	semiannual	72
Jul-15	2.00	5	2			2	2	07/09/15	semiannual	73
Jul-16	1.00	5	1			1.5	1.5	07/20/16	Annual	74
Sep-17	0.50	5	0.5			0.75	0.75	09/22/17	Annual	75
Jul-18	0.50	5	0.5			0.5	0.5	07/24/18	Annual	76
Aug-19	0.50	5	0.5			0.5	0.5	08/06/19	Annual	77
Sep-20	0.19	5	0.5			0.345	0.345	09/04/20	Annual	78
Aug-21	0.50	5	0.5			0.345	0.345	08/03/21	Annual	79
Aug-22	0.50	5	5			0.5	0.5	08/30/22	Annual	80
Aug-23	0.20	5	0.5			0.35	0.35	08/15/23	Annual	81

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
1,2-DICHLOROETHANE



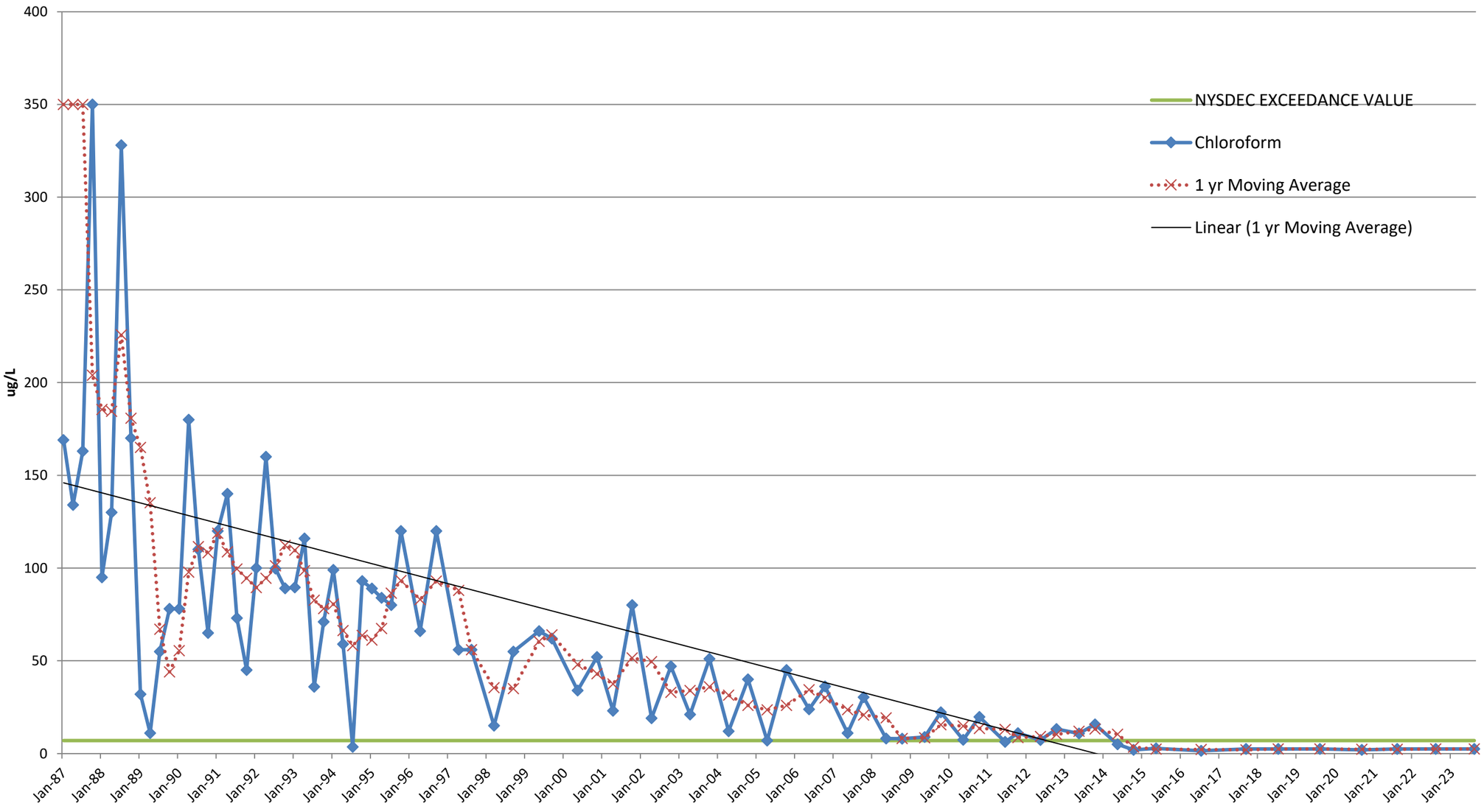
WELL VDM-9 & 9R: 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87		0.6	5	TOTAL STD	19.42756					1
Apr-87		0.6	5	TOTAL Sx	2.409692					2
Jul-87	32.00	0.6	5	TOTAL MEAN	14.34753					3
Oct-87	5.00	0.6	5	TOTAL N	66					4
Jan-88	13.00	0.6	5	TOTAL df	65					5
Apr-88	13.00	0.6	5			15.75				6
Jul-88	1.00	0.6	5			8.00				7
Oct-88	19.00	0.6	5			11.50				8
Jan-89	10.00	0.6	5			10.75				9
Apr-89	6.00	0.6	5			9.00				10
Jul-89	9.00	0.6	5			11.00				11
Oct-89	14.00	0.6	5			9.75				12
Jan-90	1.00	0.6	5			7.50				13
Apr-90	19.00	0.6	5			10.75				14
Jul-90	10.00	0.6	5			11.00				15
Oct-90	10.00	0.6	5			10.00				16
Jan-91	14.00	0.6	5			13.25				17
Apr-91	18.00	0.6	5			13.00				18
Jul-91	11.00	0.6	5			13.25				19
Oct-91	6.00	0.6	5			12.25				20
Jan-92	2.40	0.6	5			9.35				21
Apr-92	27.00	0.6	5			11.60				22
Jul-92	16.50	0.6	5			12.98				23
Oct-92	16.40	0.6	5			15.58				24
Jan-93	16.90	0.6	5			19.20				25
Apr-93	20.40	0.6	5			17.55				26
Jul-93	4.00	0.6	5			14.43				27
Oct-93	14.00	0.6	5			13.83				28
Jan-94	19.00	0.6	5			14.35				29
Apr-94	13.00	0.6	5			12.50				30
Jul-94	1.00	0.6	5			11.75				31
Oct-94	19.00	0.6	5			13.00				32
Jan-95	17.00	0.6	5			12.50				33
Apr-95	16.00	0.6	5			13.25				34
Jul-95	16.00	0.6	5			17.00				35
Oct-95	28.00	0.6	2			19.25				36
Apr-96	11.00	0.6	2			18.33	16.5			37
Sep-96	25.00	0.6	10			18	18	09/17/96	semiannual	38
Apr-97	11.00	0.6	10			18	18	04/03/97	semiannual	39
Aug-97	13.00	0.6	10			12	12	08/27/97	semiannual	40
Mar-98	5.00	0.6	5			9	9	03/24/98	semiannual	41
Sep-98	12.00	0.6	5			8.5	8.5	09/22/98	semiannual	42
May-99	17.00	0.6	10			14.5	14.5	05/11/99	semiannual	43
Sep-99	18.00	0.6	10			17.5	17.5	09/29/99	semiannual	44
May-00	10.00	0.6	10			14	14	05/16/00	semiannual	45
Nov-00	10.00	0.6	5			10	10	11/28/00	semiannual	46
Apr-01	5.00	0.6	5			7.5	7.5	04/04/01	semiannual	47
Oct-01	19.00	0.6	5			12	12	10/18/01	semiannual	48
Apr-02	4.00	0.6	5			11.5	11.5	04/18/02	semiannual	49
Oct-02	10.00	0.6	5			7	7	10/03/02	semiannual	50
Apr-03	5.00	0.6	5			7.5	7.5	04/25/03	semiannual	51
Oct-03	11.00	0.6	5			8	8	10/03/03	semiannual	52
Apr-04	2.00	0.6	5			6.5	6.5	04/01/04	semiannual	53
Oct-04	8.00	0.6	5			5	5	10/19/04	semiannual	54
Apr-05	1.00	0.6	5			4.5	4.5	04/22/05	semiannual	55
Oct-05	9.00	0.6	5			5	5	10/07/05	semiannual	56
May-06	6.30	0.6	5			7.65	7.65	05/11/06	semiannual	57
Oct-06	138.00	0.6	5			72.15	72.15	10/18/06	semiannual	58
May-07	29.20	0.6	5			83.6	83.6	05/22/07	semiannual	59
Oct-07	86.90	0.6	5			58.05	58.05	10/25/07	semiannual	60
May-08	20.60	0.6	5			53.75	79.3	05/13/08	semiannual	61
Oct-08	ns	0.6	ns			#VALUE!	80	10/23/08	semiannual	62
May-09	27.50	0.6	5			#VALUE!	24.05	05/12/09	semiannual	63
Oct-09	58.90	0.6	5			43.2	43.2	10/29/09	semiannual	64

WELL VDM-9 & 9R: 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	21.40	0.6	5			40.15	40.15	05/20/10	semiannual	65
Oct-10	54.80	0.6	5			38.1	38.1	10/18/10	semiannual	66
Jun-11	12.30	0.6	5			33.55	33.55	06/02/11	semiannual	67
Oct-11	24.00	0.6	5			18.15	18.15	10/12/11	semiannual	68
May-12	2.00	0.6	2			13	13	05/18/12	semiannual	69
Oct-12	3.00	0.6	2			2.5	2.5	10/11/12	semiannual	70
May-13	2.00	0.6	2			2.5	2.5	05/17/13	semiannual	71
Oct-13	2.00	0.6	2			2	2	10/11/13	semiannual	72
Jun-14	2.00	0.6	2			2	2	05/05/14	semiannual	73
Oct-14	2.00	0.6	2			2	2	10/06/14	semiannual	74
Jul-15	2.00	0.6	2			2	2	07/09/15	semiannual	75
Jul-16	1.50	0.6	1.5			1.75	1.75	07/20/16	Annual	76
Sep-17	0.50	0.6	0.5			1	1	09/22/17	Annual	77
Jul-18	0.20	0.6	0.5			0.35	0.35	07/24/18	Annual	78
Aug-19	0.25	0.6	2.5			0.225	0.225	08/06/19	Annual	79
Sep-20	0.24	0.6	0.5			0.245	0.245	09/04/20	Annual	80
Aug-21	0.24	0.6	0.5			0.24	0.24	08/03/21	Annual	81
Aug-22	0.50	0.6	2			0.37	0.37	08/30/22	Annual	82
Aug-23	0.22	0.6	0.5			0.36	0.36	08/15/23	Annual	83

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
CHLOROFORM



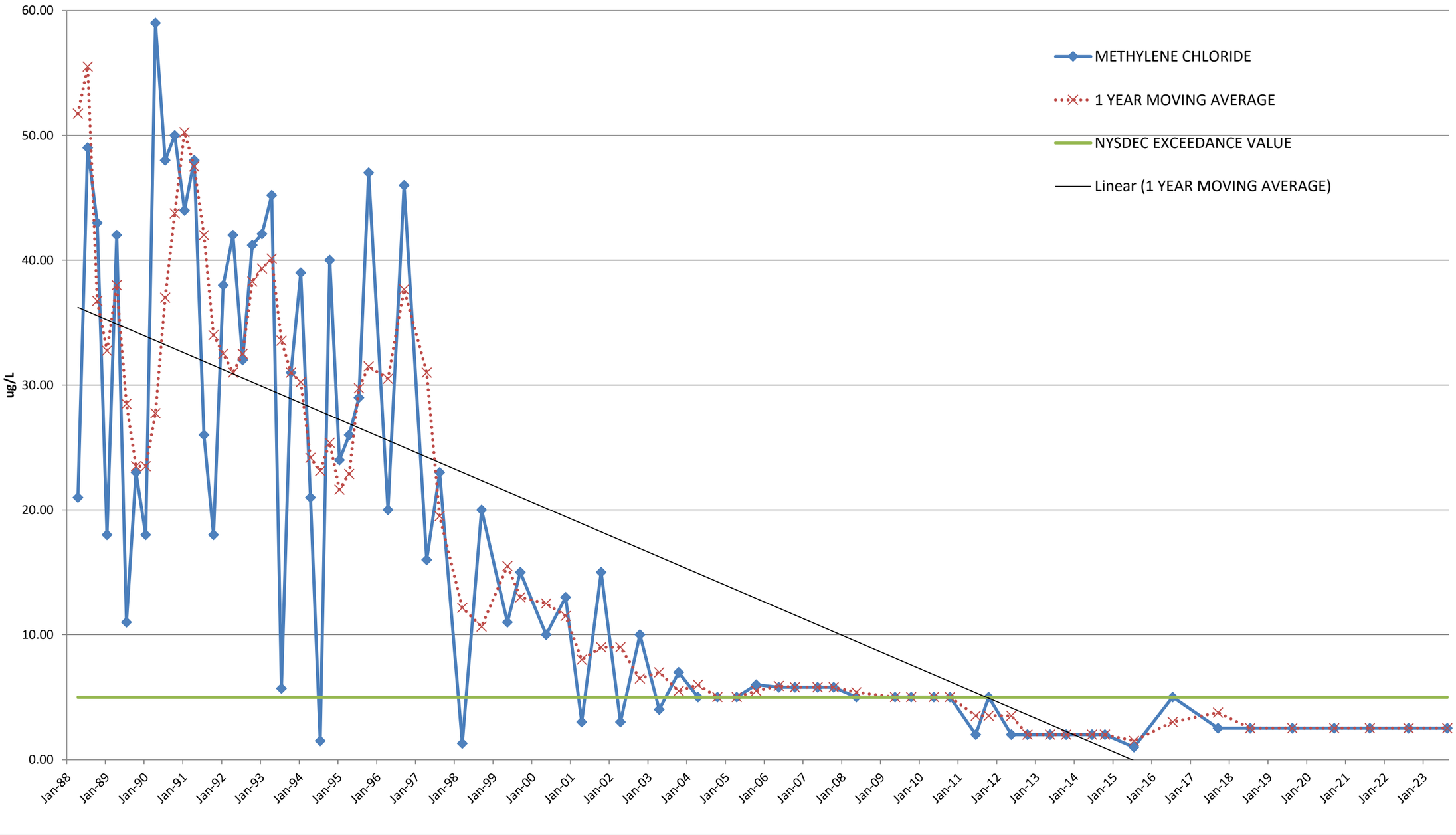
WELL VDM-9 & 9R: CHLOROFORM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		1 YEAR MOVING AVG				EVENT NO.
Jan-87	169.00	7	8	TOTAL STD	64.97441	350.00				1
Apr-87	134.00	7	8	TOTAL Sx	7.937887	350.00				2
Jul-87	163.00	7	8	TOTAL MEAN	61.56867	350.00				3
Oct-87	350.00	7	8	TOTAL N	68	204.00				4
Jan-88	95.00	7	8	TOTAL df	67	185.50				5
Apr-88	130.00	7	8			184.50				6
Jul-88	328.00	7	8			225.75				7
Oct-88	170.00	7	8			180.75				8
Jan-89	32.00	7	8			165.00				9
Apr-89	11.00	7	8			135.25				10
Jul-89	55.00	7	8			67.00				11
Oct-89	78.00	7	8			44.00				12
Jan-90	78.00	7	8			55.50				13
Apr-90	180.00	7	8			97.75				14
Jul-90	110.00	7	8			111.50				15
Oct-90	65.00	7	8			108.25				16
Jan-91	120.00	7	8			118.75				17
Apr-91	140.00	7	8			108.75				18
Jul-91	73.00	7	8			99.50				19
Oct-91	45.00	7	8			94.50				20
Jan-92	100.00	7	8			89.50				21
Apr-92	160.00	7	8			94.50				22
Jul-92	99.70	7	8			101.18				23
Oct-92	89.10	7	8			112.20				24
Jan-93	89.60	7	8			109.60				25
Apr-93	116.00	7	8			98.60				26
Jul-93	36.00	7	8			82.68				27
Oct-93	71.00	7	8			78.15				28
Jan-94	99.00	7	8			80.50				29
Apr-94	59.00	7	8			66.25				30
Jul-94	3.60	7	8			58.15				31
Oct-94	93.00	7	8			63.65				32
Jan-95	89.00	7	8			61.15				33
Apr-95	84.00	7	8			67.40				34
Jul-95	80.00	7	8			86.50				35
Oct-95	120.00	7	8			93.25				36
Apr-96	66.00	7	8			83	83	04/01/96		37
Sep-96	120.00	7	10			93	93	09/17/96	semiannual	38
Apr-97	56.00	7	10			88	88	04/03/97	semiannual	39
Aug-97	56.00	7	10			56	56	08/27/97	semiannual	40
Mar-98	15.00	7	5			35.5	35.5	03/24/98	Semiannual	41
Sep-98	55.00	7	5			35	35	09/22/98	Semiannual	42
May-99	66.00	7	10			60.5	60.5	05/11/99	Semiannual	43
Sep-99	62.00	7	10			64	64	09/29/99	Semiannual	44
May-00	34.00	7	10			48	48	05/16/00	Semiannual	45
Nov-00	52.00	7	5			43	43	11/28/00	Semiannual	46
Apr-01	23.00	7	5			37.5	37.5	04/04/01	Semiannual	47
Oct-01	80.00	7	5			51.5	51.5	10/18/01	Semiannual	48
Apr-02	19.00	7	5			49.5	49.5	04/18/02	semiannual	49
Oct-02	47.00	7	5			33	33	10/03/02	Semiannual	50
Apr-03	21.00	7	5			34	34	04/25/03	Semiannual	51
Oct-03	51.00	7	5			36	36	10/03/03	Semiannual	52
Apr-04	12.00	7	5			31.5	31.5	04/01/04	Semiannual	53
Oct-04	40.00	7	5			26	26	10/19/04	Semiannual	54
Apr-05	7.00	7	5			23.5	23.5	04/22/05	Semiannual	55
Oct-05	45.00	7	5			26	26	10/07/05	Semiannual	56
May-06	23.80	7	5			34.4	34.4	05/11/06	Semiannual	57
Oct-06	36.20	7	5			30	30	10/18/06	Semiannual	58
May-07	11.00	7	5			23.6	23.6	05/22/07	Semiannual	59
Oct-07	30.40	7	5			20.7	20.7	10/25/07	Semiannual	60
May-08	8.10	7	5			19.25	19.25	05/13/08	Semiannual	61
Oct-08	8.00	7	5			8.05	8.05	10/23/08	Semiannual	62
May-09	8.90	7	5			8.45	8.45	05/12/09	Semiannual	63
Oct-09	22.20	7	5			15.55	15.55	10/29/09	Semiannual	64

WELL VDM-9 & 9R: CHLOROFORM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		1 YEAR MOVING AVG				EVENT NO.
May-10	7.36	7	5			14.78	14.78	05/20/10	Semiannual	65
Oct-10	19.70	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	11.00	7	5			8.62	8.62	10/12/11	Semiannual	68
May-12	7.30	7	2			9.15	9.15	05/18/12	Semiannual	69
Oct-12	13.20	7	2			10.25	10.25	10/11/12	semiannual	70
May-13	10.80	7	2			12	12	05/17/13	semiannual	71
Oct-13	15.70	7	2			13.25	13.25	10/11/13	semiannual	72
May-14	5.00	7	2			10.35	10.35	05/06/14	semiannual	73
Oct-14	2.00	7	2			3.5	3.5	10/06/14	semiannual	74
May-15	2.80	7	2			2.4	2.4	05/15/15	semiannual	75
Jul-16	1.50	7	1.5			2.15	2.15	07/20/16	Annual	76
Sep-17	2.50	7	2.5			2	2	09/22/17	Annual	77
Jul-18	2.50	7	2.5			2.5	2.5	07/24/18	Annual	78
Aug-19	2.50	7	2.5			2.5	2.5	08/06/19	Annual	79
Sep-20	2.00	7	2.5			2.25	2.25	09/04/20	Annual	80
Aug-21	2.50	7	2.5			2.25	2.25	08/03/21	Annual	81
Aug-22	2.50	7	2.5			2.5	2.5	08/30/22	Annual	81
Aug-23	2.50	7	2.5			2.5	2.5	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
METHYLENE CHLORIDE



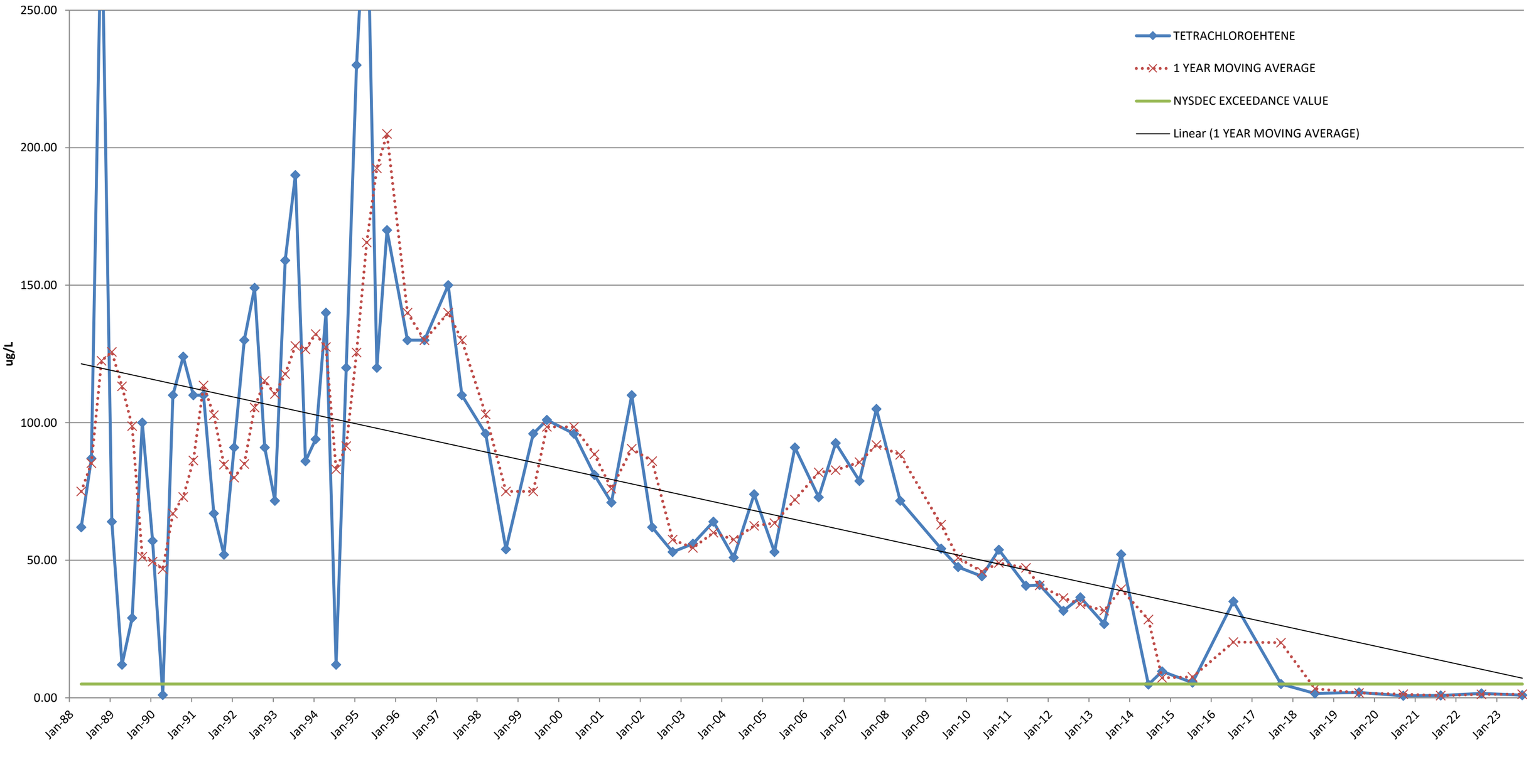
WELL VDM-9 & 9R: METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	263.00	5	5	TOTAL STD	48.96464					1
Apr-87	350.00	5	5	TOTAL Sx	5.440516					2
Jul-87	34.00	5	5	TOTAL MEAN	26.22805					3
Oct-87	118.00	5	5	TOTAL N	82	191.3				4
Jan-88	34.00	5	5	TOTAL df	81	134.0				5
Apr-88	21.00	5	5			51.8				6
Jul-88	49.00	5	5			55.5				7
Oct-88	43.00	5	5			36.8				8
Jan-89	18.00	5	5			32.8				9
Apr-89	42.00	5	5			38.0				10
Jul-89	11.00	5	5			28.5				11
Oct-89	23.00	5	5			23.5				12
Jan-90	18.00	5	5			23.5				13
Apr-90	59.00	5	5			27.8				14
Jul-90	48.00	5	5			37.0				15
Oct-90	50.00	5	5			43.8				16
Jan-91	44.00	5	5			50.3				17
Apr-91	48.00	5	5			47.5				18
Jul-91	26.00	5	5			42.0				19
Oct-91	18.00	5	5			34.0				20
Jan-92	38.00	5	5			32.5				21
Apr-92	42.00	5	5			31.0				22
Jul-92	32.00	5	5			32.5				23
Oct-92	41.20	5	5			38.3				24
Jan-93	42.10	5	5			39.3				25
Apr-93	45.20	5	5			40.1				26
Jul-93	5.70	5	5			33.6				27
Oct-93	31.00	5	5			31.0				28
Jan-94	39.00	5	5			30.2				29
Apr-94	21.00	5	5			24.2				30
Jul-94	1.50	5	5			23.1				31
Oct-94	40.00	5	5			25.4				32
Jan-95	24.00	5	5			21.6				33
Apr-95	26.00	5	5			22.9				34
Jul-95	29.00	5	5			29.8				35
Oct-95	47.00	5	5			31.5				36
Apr-96	20.00	5	5			30.5	29.0	04/01/96		37
Sep-96	46.00	5	10			37.7	33.0	09/17/96	semiannual	38
Apr-97	16.00	5	10			31.0	31.0	04/03/97	semiannual	39
Aug-97	23.00	5	10			19.5	19.5	08/27/97	semiannual	40
Mar-98	1.30	5	5			12.2	12.2	03/24/98	semiannual	41
Sep-98	20.00	5	5			10.7	10.7	09/22/98	semiannual	42
May-99	11.00	5	10			15.5	15.5	05/11/99	semiannual	43
Sep-99	15.00	5	10			13.0	13.0	09/29/99	semiannual	44
May-00	10.00	5	10			12.5	12.5	05/16/00	semiannual	45
Nov-00	13.00	5	5			11.5	11.5	11/28/00	semiannual	46
Apr-01	3.00	5	5			8.0	8.0	04/04/01	semiannual	47
Oct-01	15.00	5	5			9.0	9.0	10/18/01	semiannual	48
Apr-02	3.00	5	5			9.0	9.0	04/18/02	semiannual	49
Oct-02	10.00	5	5			6.5	6.5	10/03/02	semiannual	50
Apr-03	4.00	5	5			7.0	7.0	04/25/03	semiannual	51
Oct-03	7.00	5	5			5.5	5.5	10/03/03	semiannual	52
Apr-04	5.00	5	5			6.0	6.0	04/01/04	semiannual	53
Oct-04	5.00	5	5			5.0	5.0	10/19/04	semiannual	54
Apr-05	5.00	5	5			5.0	5.0	04/22/05	semiannual	55
Oct-05	6.00	5	5			5.5	5.5	10/07/05	semiannual	56
May-06	5.80	5	5			5.9	5.9	05/11/06	semiannual	57
Oct-06	5.80	5	5			5.8	5.8	10/18/06	semiannual	58
May-07	5.80	5	5			5.8	5.8	05/22/07	semiannual	59
Oct-07	5.80	5	5			5.8	5.8	10/25/07	semiannual	60
May-08	5.00	5	5			5.4	5.4	05/13/08	semiannual	61
May-09	5.00	5	5			5.0	5.0	05/12/09	semiannual	63
Oct-09	5.00	5	5			5.0	5.0	10/29/09	semiannual	64
May-10	5.00	5	5			5.0	5.0	05/20/10	semiannual	65

WELL VDM-9 & 9R: METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-10	5.00	5	5			5.0	5.0	10/18/10	semiannual	66
Jun-11	2.00	5	5			3.5	3.5	06/02/11	semiannual	67
Oct-11	5.00	5	5			3.5	3.5	10/12/11	semiannual	68
May-12	2.00	5	2			3.5	3.5	05/18/12	semiannual	69
Oct-12	2.00	5	2			2.0	2.0	10/11/12	semiannual	70
May-13	2.00	5	2			2.0	2.0	05/17/13	semiannual	71
Oct-13	2.00	5	2			2.0	2.0	10/11/13	semiannual	72
Jun-14	2.00	5	2			2.0	2.0	06/20/14	semiannual	73
Oct-14	2.00	5	2			2.0	2.0	10/06/14	semiannual	74
Jul-15	1.00	5	1			1.5	1.5	07/15/15	semiannual	75
Jul-16	5.00	5	5			3.0	3.0	07/20/16	Annual	76
Sep-17	2.50	5	2.5			3.8	3.8	09/22/17	Annual	77
Jul-18	2.50	5	2.5			2.5	2.5	07/24/18	Annual	78
Aug-19	2.50	5	2.5			2.5	2.5	08/06/19	Annual	79
Sep-20	2.50	5	2.5			2.5	2.5	09/04/20	Annual	80
Aug-21	2.50	5	2.5			2.5	2.5	08/03/21	Annual	81
Aug-22	2.50	5	2.5			2.5	2.5	08/30/22	Annual	81
Aug-23	2.50	5	2.5			2.5	2.5	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
TETRACHLOROETHENE



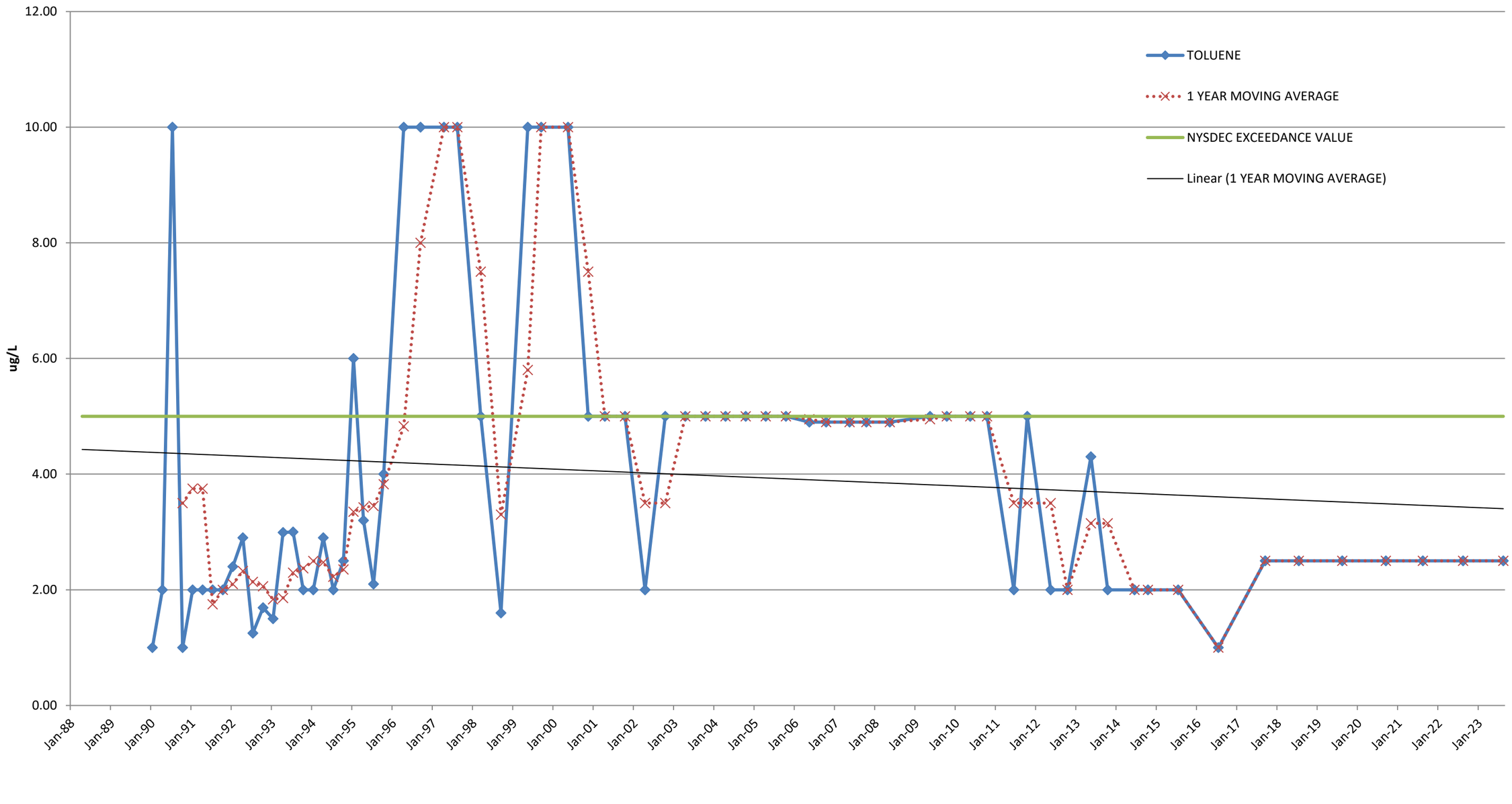
WELL VDM-9 & 9R: TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87		5	5	TOTAL STD	59.23478					1
Apr-87		5	5	TOTAL Sx	6.664433					2
Jul-87	46.00	5	5	TOTAL MEAN	78.90463					3
Oct-87	141.00	5	5	TOTAL N	80					4
Jan-88	51.00	5	5	TOTAL df	79					5
Apr-88	62.00	5	5			75.00				6
Jul-88	87.00	5	5			85.25				7
Oct-88	290.00	5	5			122.50				8
Jan-89	64.00	5	5			125.75				9
Apr-89	12.00	5	5			113.25				10
Jul-89	29.00	5	5			98.75				11
Oct-89	100.00	5	5			51.25				12
Jan-90	57.00	5	5			49.50				13
Apr-90	1.00	5	5			46.75				14
Jul-90	110.00	5	5			67.00				15
Oct-90	124.00	5	5			73.00				16
Jan-91	110.00	5	5			86.25				17
Apr-91	110.00	5	5			113.50				18
Jul-91	67.00	5	5			102.75				19
Oct-91	52.00	5	5			84.75				20
Jan-92	91.00	5	5			80.00				21
Apr-92	130.00	5	5			85.00				22
Jul-92	149.00	5	5			105.50				23
Oct-92	91.00	5	5			115.25				24
Jan-93	71.60	5	5			110.40				25
Apr-93	159.00	5	5			117.65				26
Jul-93	190.00	5	5			127.90				27
Oct-93	86.00	5	5			126.65				28
Jan-94	94.00	5	5			132.25				29
Apr-94	140.00	5	5			127.50				30
Jul-94	12.00	5	5			83.00				31
Oct-94	120.00	5	5			91.50				32
Jan-95	230.00	5	5			125.50				33
Apr-95	300.00	5	5			165.50				34
Jul-95	120.00	5	5			192.50				35
Oct-95	170.00	5	5			205.00				36
Apr-96	130.00	5	5			140.00	137.50	04/01/96	semiannual	37
Sep-96	130.00	5	10			130.00	130.00	09/17/96	semiannual	38
Apr-97	150.00	5	10			140.00	140.00	04/03/97	semiannual	39
Aug-97	110.00	5	10			130.00	130.00	08/27/97	semiannual	40
Mar-98	96.00	5	5			103.00	103.00	03/24/98	semiannual	41
Sep-98	54.00	5	5			75.00	75.00	09/22/98	semiannual	42
May-99	96.00	5	10			75.00	75.00	05/11/99	semiannual	43
Sep-99	101.00	5	10			98.50	98.50	09/29/99	semiannual	44
May-00	96.00	5	10			98.50	98.50	05/16/00	semiannual	45
Nov-00	81.00	5	5			88.50	88.50	11/28/00	semiannual	46
Apr-01	71.00	5	5			76.00	76.00	04/04/01	semiannual	47
Oct-01	110.00	5	5			90.50	90.50	10/18/01	semiannual	48
Apr-02	62.00	5	5			86.00	86.00	04/18/02	semiannual	49
Oct-02	53.00	5	5			57.50	57.50	10/03/02	semiannual	50
Apr-03	56.00	5	5			54.50	54.50	04/25/03	semiannual	51
Oct-03	64.00	5	5			60.00	60.00	10/03/03	semiannual	52
Apr-04	51.00	5	5			57.50	57.50	04/01/04	semiannual	53
Oct-04	74.00	5	5			62.50	62.50	10/19/04	semiannual	54
Apr-05	53.00	5	5			63.50	63.50	04/22/05	semiannual	55
Oct-05	91.00	5	5			72.00	72.00	10/07/05	semiannual	56
May-06	72.90	5	5			81.95	81.95	05/11/06	semiannual	57
Oct-06	92.60	5	5			82.75	82.75	10/18/06	semiannual	58
May-07	78.80	5	5			85.70	85.70	05/22/07	semiannual	59
Oct-07	105.00	5	5			91.90	91.90	10/25/07	semiannual	60
May-08	71.60	5	5			88.30	88.30	05/13/08	semiannual	61
May-09	54.20	5	5			62.90	62.90	05/12/09	semiannual	63
Oct-09	47.50	5	5			50.85	50.85	10/29/09	semiannual	64
May-10	44.20	5	5			45.85	45.85	05/20/10	semiannual	65
Oct-10	53.80	5	5			49.00	49.00	10/18/10	semiannual	66

WELL VDM-9 & 9R: TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jun-11	40.70	5	5			47.25	47.25	06/02/11	semiannual	67
Oct-11	41.00	5	5			40.85	40.85	10/12/11	semiannual	68
May-12	31.60	5	2			36.30	36.30	05/18/12	semiannual	69
Oct-12	36.50	5	2			34.05	34.05	10/11/12	semiannual	70
May-13	26.80	5	2			31.65	31.65	05/17/13	semiannual	71
Oct-13	52.10	5	2			39.45	39.45	10/11/13	semiannual	72
Jun-14	4.80	5	2			28.45	28.45	06/20/14	semiannual	73
Oct-14	9.60	5	2			7.20	7.20	10/06/14	semiannual	74
Jul-15	5.50	5	2			7.55	7.55	07/15/15	semiannual	75
Jul-16	35.00	5	1.5			20.25	20.25	07/20/16	Annual	76
Sep-17	5.00	5	0.5			20.00	20.00	09/22/17	Annual	77
Jul-18	1.60	5	0.5			3.30	3.30	07/24/18	Annual	78
Aug-19	1.90	5	0.5			1.75	1.75	08/06/19	Annual	79
Sep-20	0.71	5	0.5			1.31	1.31	09/04/20	Annual	80
Aug-21	0.82	5	0.5			0.77	0.77	08/03/21	Annual	81
Aug-22	1.60	5	0.5			1.21	1.21	08/30/22	Annual	81
Aug-23	0.94	5	0.5			1.27	1.27	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
TOLUENE



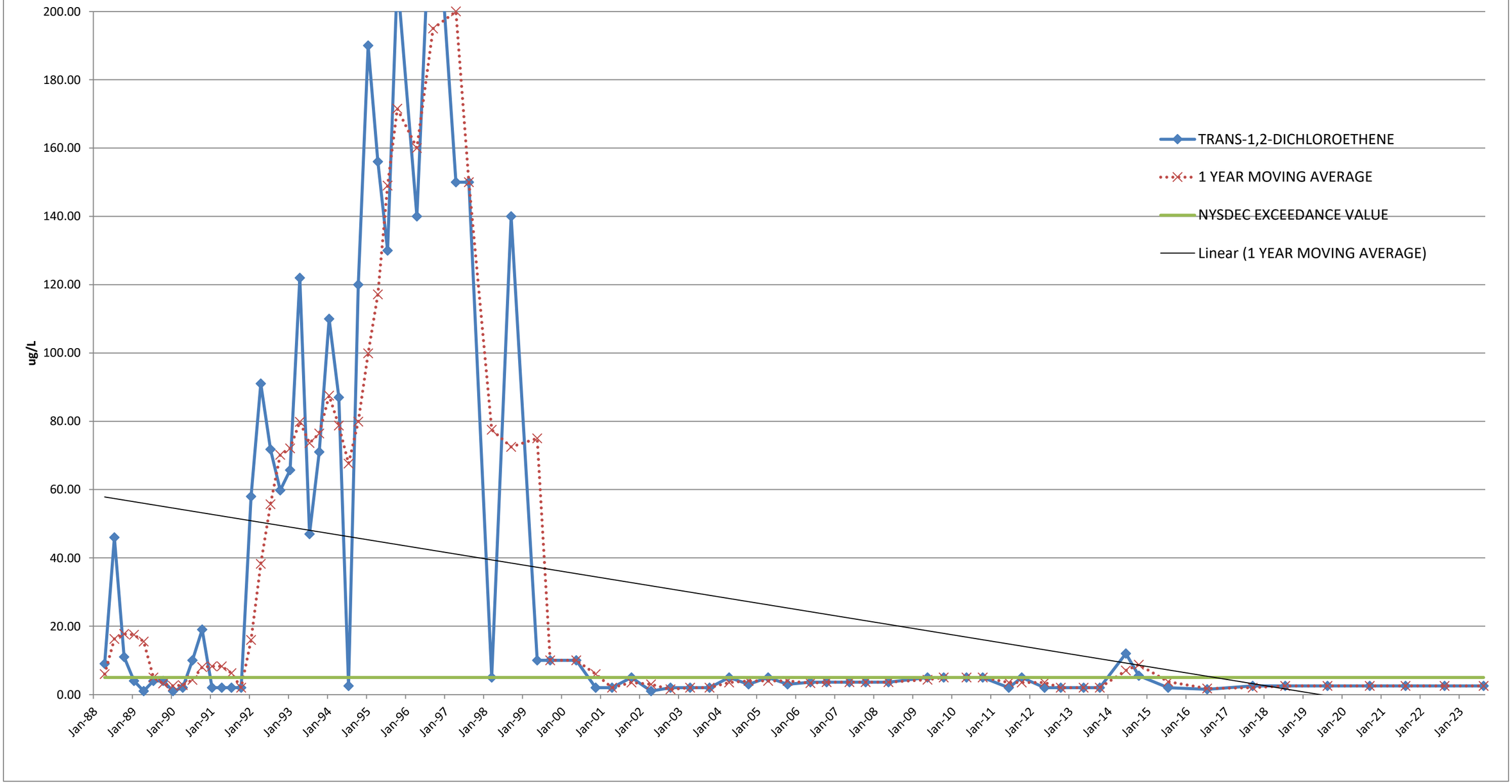
WELL VDM-9 & 9R: TOLUENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87		5		TOTAL STD	2.555924					1
Apr-87		5		TOTAL Sx	0.307697					2
Jul-87		5		TOTAL MEAN	3.990429					3
Oct-87		5		TOTAL N	70					4
Jan-88		5		TOTAL df	69					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	1.00	5	5							13
Apr-90	2.00	5	5							14
Jul-90	10.00	5	5							15
Oct-90	1.00	5	5			3.5				16
Jan-91	2.00	5	5			3.8				17
Apr-91	2.00	5	5			3.8				18
Jul-91	2.00	5	5			1.8				19
Oct-91	2.00	5	5			2.0				20
Jan-92	2.40	5	5			2.1				21
Apr-92	2.90	5	5			2.3				22
Jul-92	1.25	5	5			2.1				23
Oct-92	1.69	5	5			2.1				24
Jan-93	1.50	5	5			1.8				25
Apr-93	2.99	5	5			1.9				26
Jul-93	3.00	5	5			2.3				27
Oct-93	2.00	5	5			2.4				28
Jan-94	2.00	5	5			2.5				29
Apr-94	2.90	5	5			2.5				30
Jul-94	2.00	5	5			2.2				31
Oct-94	2.50	5	5			2.4				32
Jan-95	6.00	5	5			3.4				33
Apr-95	3.20	5	5			3.4				34
Jul-95	2.10	5	5			3.5				35
Oct-95	4.00	5	4			3.8				36
Apr-96	10.00	5	10			4.8	6.5			37
Sep-96	10.00	5	10			8.0	10.0	09/17/96	semiannual	38
Apr-97	10.00	5	10			10.0	10.0	04/03/97	semiannual	39
Aug-97	10.00	5	10			10.0	10.0	08/27/97	semiannual	40
Mar-98	5.00	5	5			7.5	7.5	03/24/98	semiannual	41
Sep-98	1.60	5	5			3.3	3.3	09/22/98	semiannual	42
May-99	10.00	5	10			5.8	5.8	05/11/99	semiannual	43
Sep-99	10.00	5	10			10.0	10.0	09/29/99	semiannual	44
May-00	10.00	5	10			10.0	10.0	05/16/00	semiannual	45
Nov-00	5.00	5	5			7.5	7.5	11/28/00	semiannual	46
Apr-01	5.00	5	5			5.0	5.0	04/04/01	semiannual	47
Oct-01	5.00	5	5			5.0	5.0	10/18/01	semiannual	48
Apr-02	2.00	5	5			3.5	3.5	04/18/02	semiannual	49
Oct-02	5.00	5	5			3.5	3.5	10/03/02	semiannual	50
Apr-03	5.00	5	5			5.0	5.0	04/25/03	semiannual	51
Oct-03	5.00	5	5			5.0	5.0	10/03/03	semiannual	52
Apr-04	5.00	5	5			5.0	5.0	04/01/04	semiannual	53
Oct-04	5.00	5	5			5.0	5.0	10/19/04	semiannual	54
Apr-05	5.00	5	5			5.0	5.0	04/22/05	semiannual	55
Oct-05	5.00	5	5			5.0	5.0	10/07/05	semiannual	56
May-06	4.90	5	5			5.0	5.0	05/11/06	semiannual	57
Oct-06	4.90	5	5			4.9	4.9	10/10/06	semiannual	58
May-07	4.90	5	5			4.9	4.9	05/22/07	semiannual	59
Oct-07	4.90	5	5			4.9	4.9	10/25/07	semiannual	60
May-08	4.90	5	5			4.9	4.9	05/13/08	semiannual	61
May-09	5.00	5	5			5.0	5.0	05/12/09	semiannual	63
Oct-09	5.00	5	5			5.0	5.0	10/29/09	semiannual	64
May-10	5.00	5	5			5.0	5.0	05/20/10	semiannual	65
Oct-10	5.00	5	5			5.0	5.0	10/18/10	semiannual	66

WELL VDM-9 & 9R: TOLUENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jun-11	2.00	5	2			3.5	3.5	06/02/11	semiannual	67
Oct-11	5.00	5	5			3.5	3.5	10/12/11	semiannual	68
May-12	2.00	5	2			3.5	3.5	05/18/12	semiannual	69
Oct-12	2.00	5	2			2.0	2.0	10/11/12	semiannual	70
May-13	4.30	5	2			3.2	3.2	05/17/13	semiannual	71
Oct-13	2.00	5	2			3.2	3.2	10/11/13	semiannual	72
Jun-14	2.00	5	2			2.0	2.0	06/20/14	semiannual	73
Oct-14	2.00	5	2			2.0	2.0	10/06/14	semiannual	74
Jul-15	2.00	5	2			2.0	2.0	07/16/15	semiannual	75
Jul-16	1.00	5	1			1.0	1.5	07/20/16	Annual	76
Sep-17	2.50	5	2.5			2.5	1.8	09/22/17	Annual	77
Jul-18	2.50	5	2.5			2.5	2.5	07/24/18	Annual	78
Aug-19	2.50	5	2.5			2.5	2.5	08/06/19	Annual	79
Sep-20	2.50	5	2.5			2.5	2.5	09/04/20	Annual	80
Aug-21	2.50	5	2.5			2.5	2.5	08/03/21	Annual	81
Aug-22	2.50	5	2.5			2.5	2.5	08/30/22	Annual	82
Aug-23	2.50	5	2.5			2.5	2.5	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
TRANS-1,2-DICHLOROETHENE



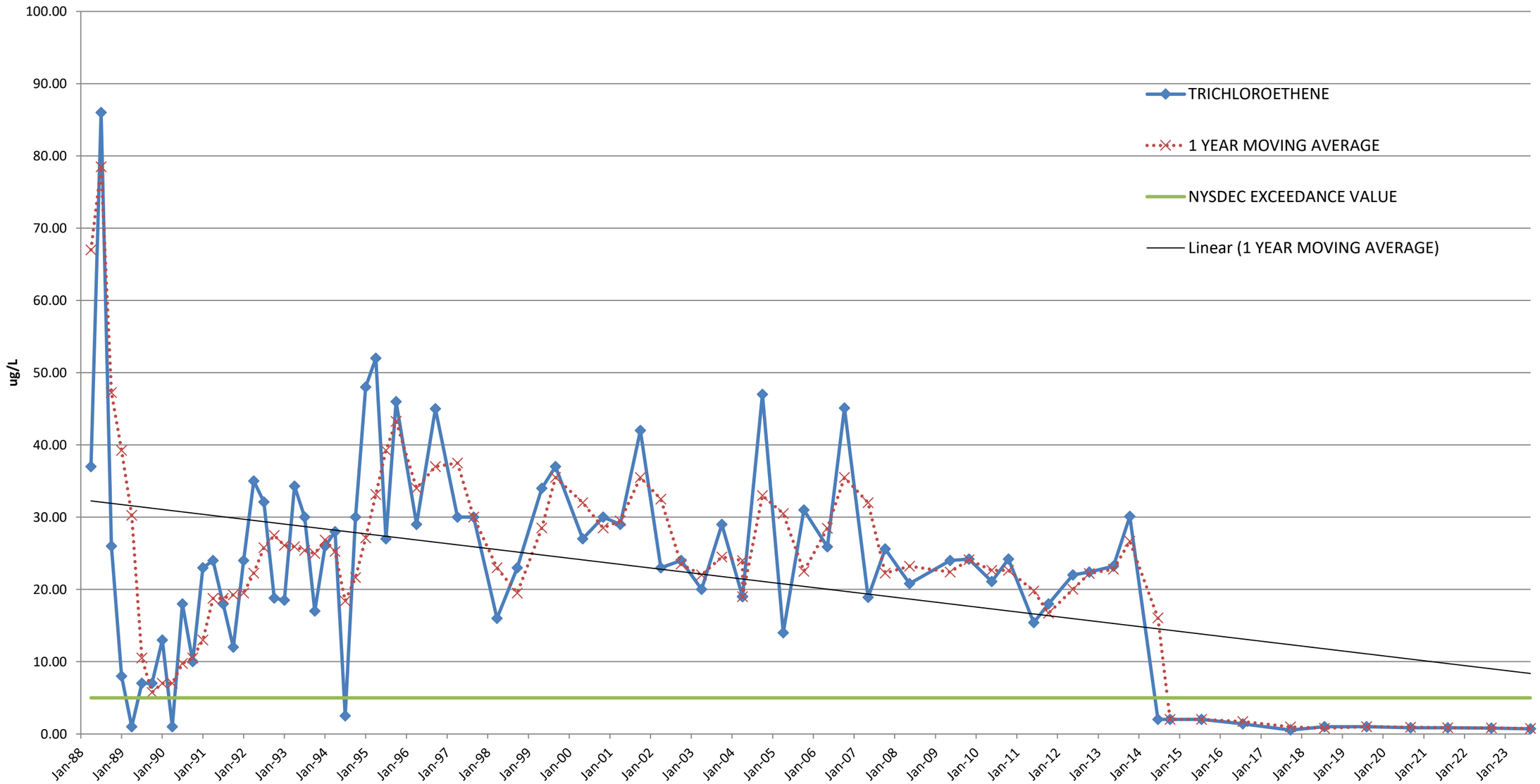
WELL VDM-9 & 9R: TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87		5	5	TOTAL STD	57.09009					1
Apr-87		5	5	TOTAL Sx	6.423137					2
Jul-87	5.00	5	5	TOTAL MEAN	33.92875					3
Oct-87	5.00	5	5	TOTAL N	80					4
Jan-88	5.00	5	5	TOTAL df	79					5
Apr-88	9.00	5	5			6.0				6
Jul-88	46.00	5	5			16.3				7
Oct-88	11.00	5	5			17.8				8
Jan-89	4.00	5	5			17.5				9
Apr-89	1.00	5	5			15.5				10
Jul-89	4.00	5	5			5.0				11
Oct-89	4.00	5	5			3.3				12
Jan-90	1.00	5	5			2.5				13
Apr-90	2.00	5	5			2.8				14
Jul-90	10.00	5	5			4.3				15
Oct-90	19.00	5	5			8.0				16
Jan-91	2.00	5	5			8.3				17
Apr-91	2.00	5	5			8.3				18
Jul-91	2.00	5	5			6.3				19
Oct-91	2.00	5	5			2.0				20
Jan-92	58.00	5	5			16.0				21
Apr-92	91.00	5	5			38.3				22
Jul-92	71.80	5	5			55.7				23
Oct-92	59.80	5	5			70.2				24
Jan-93	65.70	5	5			72.1				25
Apr-93	122.00	5	5			79.8				26
Jul-93	47.00	5	5			73.6				27
Oct-93	71.00	5	5			76.4				28
Jan-94	110.00	5	5			87.5				29
Apr-94	87.00	5	5			78.8				30
Jul-94	2.50	5	5			67.6				31
Oct-94	120.00	5	5			79.9				32
Jan-95	190.00	5	5			99.9				33
Apr-95	156.00	5	5			117.1				34
Jul-95	130.00	5	5			149.0				35
Oct-95	210.00	5	5			171.5				36
Apr-96	140.00	5	5			160.0	155.0			37
Sep-96	250.00	5	10			195.0	195.0	09/17/96	semiannual	38
Apr-97	150.00	5	10			200.0	200.0	04/03/97	semiannual	39
Aug-97	150.00	5	10			150.0	150.0	08/27/97	semiannual	40
Mar-98	5.00	5	5			77.5	77.5	03/24/98	semiannual	41
Sep-98	140.00	5	5			72.5	72.5	09/22/98	semiannual	42
May-99	10.00	5	10			75.0	75.0	05/11/99	semiannual	43
Sep-99	10.00	5	10			10.0	10.0	09/29/99	semiannual	44
May-00	10.00	5	10			10.0	10.0	05/16/00	semiannual	45
Nov-00	2.00	5	5			6.0	6.0	11/28/00	semiannual	46
Apr-01	2.00	5	5			2.0	2.0	04/04/01	semiannual	47
Oct-01	5.00	5	5			3.5	3.5	10/18/01	semiannual	48
Apr-02	1.00	5	5			3.0	3.0	04/18/02	semiannual	49
Oct-02	2.00	5	5			1.5	1.5	10/03/02	semiannual	50
Apr-03	2.00	5	5			2.0	2.0	04/25/03	semiannual	51
Oct-03	2.00	5	5			2.0	2.0	10/03/03	semiannual	52
Apr-04	5.00	5	5			3.5	3.5	04/01/04	semiannual	53
Oct-04	3.00	5	5			4.0	4.0	10/19/04	semiannual	54
Apr-05	5.00	5	5			4.0	4.0	04/22/05	semiannual	55
Oct-05	3.00	5	5			4.0	4.0	10/05/07	semiannual	56
May-06	3.60	5	5			3.3	3.3	05/11/06	semiannual	57
Oct-06	3.60	5	5			3.6	3.6	10/18/06	semiannual	58
May-07	3.60	5	5			3.6	3.6	05/22/07	semiannual	59
Oct-07	3.60	5	5			3.6	3.6	10/25/07	semiannual	60
May-08	3.60	5	5			3.6	3.6	05/13/08	semiannual	61
May-09	5.00	5	5			4.3	4.3	05/12/09	semiannual	63
Oct-09	5.00	5	5			5.0	5.0	10/29/09	semiannual	64
May-10	5.00	5	5			5.0	5.0	05/20/10	semiannual	65
Oct-10	5.00	5	5			5.0	5.0	10/18/10	semiannual	66

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

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jun-11	2.00	5	2			3.5	3.5	06/02/11	semiannual	67
Oct-11	5.00	5	5			3.5	3.5	10/12/11	semiannual	68
May-12	2.00	5	2			3.5	3.5	05/18/12	semiannual	69
Oct-12	2.00	5	2			2.0	2.0	10/11/12	semiannual	70
May-13	2.00	5	2			2.0	2.0	05/17/13	semiannual	71
Oct-13	2.00	5	2			2.0	2.0	10/11/13	semiannual	72
Jun-14	12.00	5	2			7.0	7.0	05/05/14	semiannual	73
Oct-14	5.50	5	2			8.8	8.8	10/06/14	semiannual	74
Jul-15	2.00	5	2			3.8	3.8	7/16/2015	semiannual	75
Jul-16	1.50	5	1.5			1.8	1.8	7/20/2016	Annual	76
Sep-17	2.50	5	2.5			2.0	2.0	9/22/2017	Annual	77
Jul-18	2.50	5	2			2.5	2.5	7/24/2018	Annual	78
Aug-19	2.50	5	2.5			2.5	2.5	8/6/2019	Annual	79
Sep-20	2.50	5	2.5			2.5	2.5	9/4/2020	Annual	80
Aug-21	2.50	5	2.5			2.5	2.5	8/3/2021	Annual	81
Aug-22	2.50	5	2.5			2.5	2.5	8/30/2022	Annual	81
Aug-23	2.50	5	2.5			2.5	2.5	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
TRICHLOROETHENE



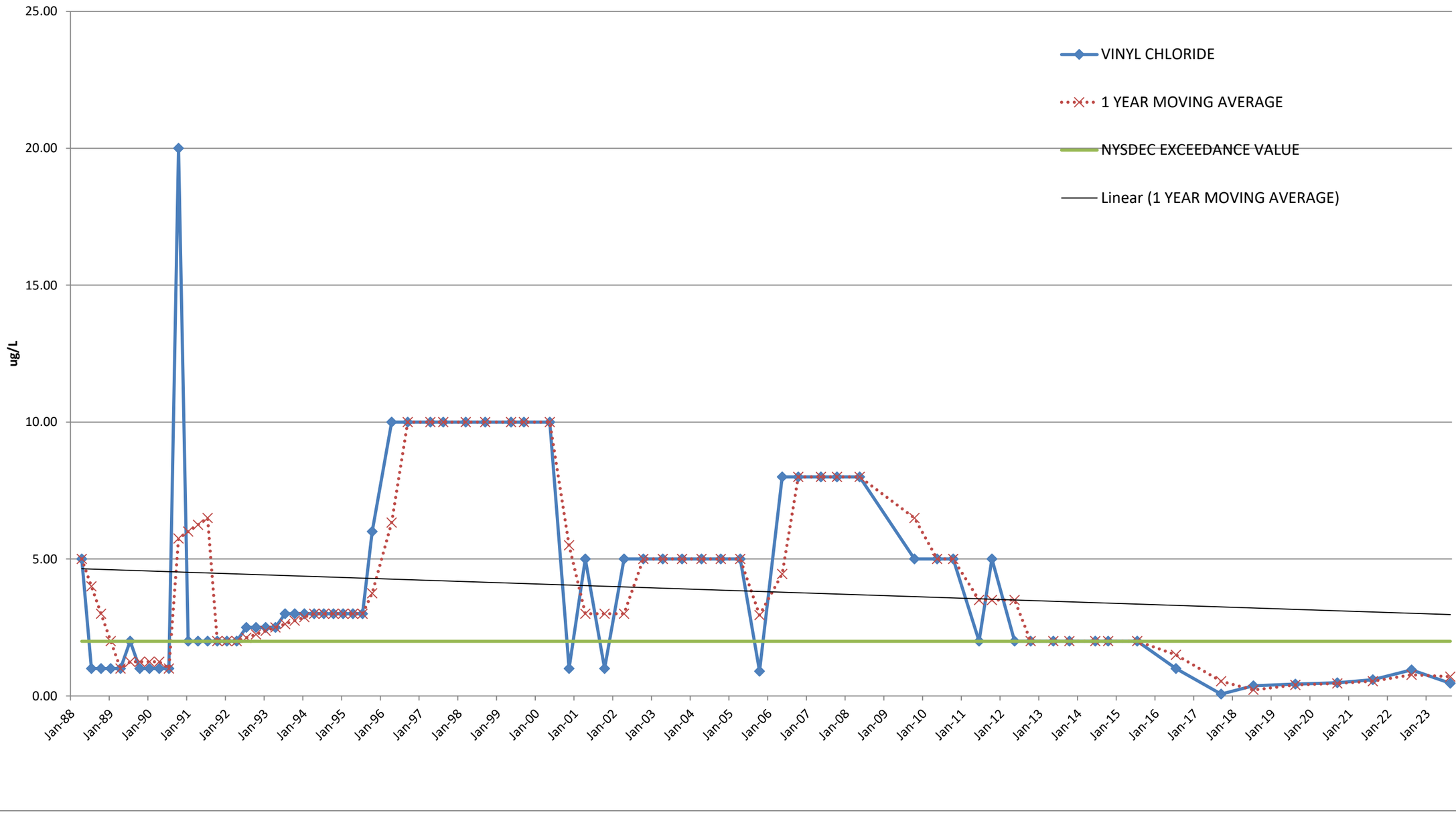
WELL VDM-9 & 9R: TRICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87		5	5	TOTAL STD	20.5768					1
Apr-87		5	5	TOTAL Sx	2.300557					2
Jul-87	40.00	5	5	TOTAL MEAN	24.23765					3
Oct-87	151.00	5	5	TOTAL N	81					4
Jan-88	40.00	5	5	TOTAL df	80					5
Apr-88	37.00	5	5			67.00				6
Jul-88	86.00	5	5			78.50				7
Oct-88	26.00	5	5			47.25				8
Jan-89	8.00	5	5			39.25				9
Apr-89	1.00	5	5			30.25				10
Jul-89	7.00	5	5			10.50				11
Oct-89	7.00	5	5			5.75				12
Jan-90	13.00	5	5			7.00				13
Apr-90	1.00	5	5			7.00				14
Jul-90	18.00	5	5			9.75				15
Oct-90	10.00	5	5			10.50				16
Jan-91	23.00	5	5			13.00				17
Apr-91	24.00	5	5			18.75				18
Jul-91	18.00	5	5			18.75				19
Oct-91	12.00	5	5			19.25				20
Jan-92	24.00	5	5			19.50				21
Apr-92	35.00	5	5			22.25				22
Jul-92	32.10	5	5			25.78				23
Oct-92	18.80	5	5			27.48				24
Jan-93	18.50	5	5			26.10				25
Apr-93	34.30	5	5			25.93				26
Jul-93	30.00	5	5			25.40				27
Oct-93	17.00	5	5			24.95				28
Jan-94	26.00	5	5			26.83				29
Apr-94	28.00	5	5			25.25				30
Jul-94	2.50	5	5			18.38				31
Oct-94	30.00	5	5			21.63				32
Jan-95	48.00	5	5			27.13				33
Apr-95	52.00	5	5			33.13				34
Jul-95	27.00	5	5			39.25				35
Oct-95	46.00	5	5			43.25				36
Apr-96	29.00	5	5			34.00	32.75	04/01/96	semiannual	37
Sep-96	45.00	5	10			37.00	37.00	09/17/96	semiannual	38
Apr-97	30.00	5	10			37.50	37.50	04/03/97	semiannual	39
Aug-97	30.00	5	10			30.00	30.00	08/27/97	semiannual	40
Mar-98	16.00	5	5			23.00	23.00	03/24/98	semiannual	41
Sep-98	23.00	5	5			19.50	19.50	09/22/98	semiannual	42
May-99	34.00	5	10			28.50	28.50	05/11/99	semiannual	43
Sep-99	37.00	5	10			35.50	35.50	09/29/99	semiannual	44
May-00	27.00	5	10			32.00	32.00	05/16/00	semiannual	45
Nov-00	30.00	5	5			28.50	28.50	11/28/00	semiannual	46
Apr-01	29.00	5	5			29.50	29.50	04/04/01	semiannual	47
Oct-01	42.00	5	5			35.50	35.50	10/18/01	semiannual	48
Apr-02	23.00	5	5			32.50	32.50	04/18/02	semiannual	49
Oct-02	24.00	5	5			23.50	23.50	10/03/02	semiannual	50
Apr-03	20.00	5	5			22.00	22.00	04/25/03	semiannual	51
Oct-03	29.00	5	5			24.50	24.50	10/03/03	semiannual	52
Apr-04	19.00	5	5			24.00	24.00	04/01/04	semiannual	53
Apr-04	19.00	5	5			19.00	19.00	04/01/04	semiannual	53
Oct-04	47.00	5	5			33.00	33.00	10/19/04	semiannual	54
Apr-05	14.00	5	5			30.50	30.50	04/22/05	semiannual	55
Oct-05	31.00	5	5			22.50	22.50	10/07/05	semiannual	56
May-06	25.90	5	5			28.45	28.45	05/11/06	semiannual	57
Oct-06	45.10	5	5			35.50	35.50	10/18/06	semiannual	58
May-07	18.90	5	5			32.00	32.00	05/22/07	semiannual	59
Oct-07	25.60	5	5			22.25	22.25	10/25/07	semiannual	60
May-08	20.80	5	5			23.20	23.20	05/13/08	semiannual	61
May-09	24.00	5	5			22.40	22.40	05/12/09	semiannual	63
Oct-09	24.20	5	5			24.10	24.10	10/29/09	semiannual	64

WELL VDM-9 & 9R: TRICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	21.10	5	5			22.65	22.65	05/20/10	semiannual	65
Oct-10	24.20	5	5			22.65	22.65	10/18/10	semiannual	66
Jun-11	15.40	5	5			19.80	19.80	06/02/11	semiannual	67
Oct-11	18.00	5	5			16.70	16.70	10/12/11	semiannual	68
May-12	22.00	5	2			20.00	20.00	05/18/12	semiannual	69
Oct-12	22.40	5	2			22.20	22.20	10/11/12	semiannual	70
May-13	23.20	5	2			22.80	22.80	05/17/13	semiannual	71
Oct-13	30.10	5	2			26.65	26.65	10/11/13	semiannual	72
Jun-14	2.00	5	2			16.05	16.05	06/20/14	semiannual	73
Oct-14	2.00	5	2			2.00	2.00	10/06/14	semiannual	74
Jul-15	2.00	5	2			2.00	2.00	07/16/15	semiannual	75
Jul-16	1.40	5	1			1.70	1.70	07/20/16	Annual	76
Sep-17	0.55	5	0.5			0.98	0.98	09/22/17	Annual	77
Jul-18	1.00	5	0.5			0.78	0.78	07/24/18	Annual	78
Aug-19	1.00	5	0.5			1.00	1.00	08/06/19	Annual	79
Sep-20	0.84	5	0.5			0.92	0.92	09/04/20	Annual	80
Aug-21	0.85	5	0.5			0.85	0.85	08/03/21	Annual	81
Aug-22	0.81	5	0.5			0.83	0.83	08/30/22	Annual	81
Aug-23	0.70	5	0.5			0.76	0.76	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
VINYL CHLORIDE



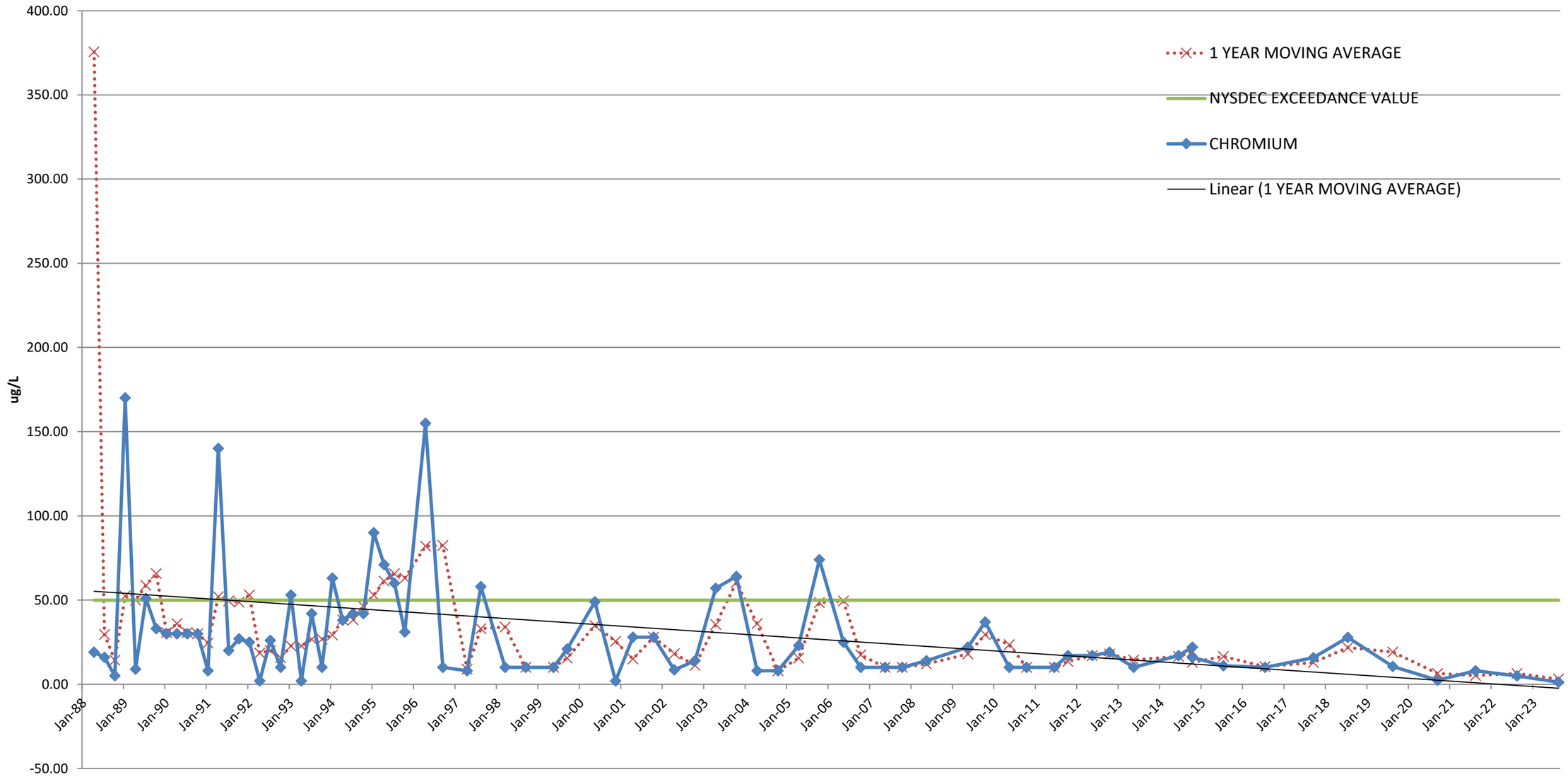
WELL VDM-9 & 9R: VINYL CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87		2	2	TOTAL STD	3.474619					1
Apr-87		2	2	TOTAL Sx	0.393423					2
Jul-87	5.00	2	2	TOTAL MEAN	4.028481					3
Oct-87	5.00	2	2	TOTAL N	79					4
Jan-88	5.00	2	2	TOTAL df	78					5
Apr-88	5.00	2	2			5.00				6
Jul-88	1.00	2	2			4.00				7
Oct-88	1.00	2	2			3.00				8
Jan-89	1.00	2	2			2.00				9
Apr-89	1.00	2	2			1.00				10
Jul-89	2.00	2	2			1.25				11
Oct-89	1.00	2	2			1.25				12
Jan-90	1.00	2	2			1.25				13
Apr-90	1.00	2	2			1.25				14
Jul-90	1.00	2	2			1.00				15
Oct-90	20.00	2	2			5.75				16
Jan-91	2.00	2	2			6.00				17
Apr-91	2.00	2	2			6.25				18
Jul-91	2.00	2	2			6.50				19
Oct-91	2.00	2	2			2.00				20
Jan-92	2.00	2	2			2.00				21
Apr-92	2.00	2	2			2.00				22
Jul-92	2.50	2	2			2.13				23
Oct-92	2.50	2	2			2.25				24
Jan-93	2.50	2	2			2.38				25
Apr-93	2.50	2	2			2.50				26
Jul-93	3.00	2	2			2.63				27
Oct-93	3.00	2	2			2.75				28
Jan-94	3.00	2	2			2.88				29
Apr-94	3.00	2	2			3.00				30
Jul-94	3.00	2	2			3.00				31
Oct-94	3.00	2	2			3.00				32
Jan-95	3.00	2	2			3.00				33
Apr-95	3.00	2	2			3.00				34
Jul-95	3.00	2	2			3.00				35
Oct-95	6.00	2	6			3.75				36
Apr-96	10.00	2	10			6.33	7.25	04/01/96	semiannual	37
Sep-96	10.00	2	10			10.00	10.00	09/17/96	semiannual	38
Apr-97	10.00	2	10			10.00	10.00	04/03/97	semiannual	39
Aug-97	10.00	2	10			10.00	10.00	08/27/97	semiannual	40
Mar-98	10.00	2	10			10.00	10.00	03/24/98	semiannual	41
Sep-98	10.00	2	10			10.00	10.00	09/22/98	semiannual	42
May-99	10.00	2	10			10.00	10.00	05/11/99	semiannual	43
Sep-99	10.00	2	10			10.00	10.00	09/29/99	semiannual	44
May-00	10.00	2	10			10.00	10.00	05/16/00	semiannual	45
Nov-00	1.00	2	5			5.50	5.50	11/28/00	semiannual	46
Apr-01	5.00	2	5			3.00	3.00	04/04/01	semiannual	47
Oct-01	1.00	2	5			3.00	3.00	10/18/01	semiannual	48
Apr-02	5.00	2	5			3.00	3.00	04/18/02	semiannual	49
Oct-02	5.00	2	5			5.00	5.00	10/03/02	semiannual	50
Apr-03	5.00	2	5			5.00	5.00	04/25/03	semiannual	51
Oct-03	5.00	2	5			5.00	5.00	10/03/03	semiannual	52
Apr-04	5.00	2	5			5.00	5.00	04/01/04	semiannual	53
Oct-04	5.00	2	5			5.00	5.00	10/19/04	semiannual	54
Apr-05	5.00	2	5			5.00	5.00	04/22/05	semiannual	55
Oct-05	0.90	2	5			2.95	2.95	10/07/05	semiannual	56
May-06	8.00	2	5			4.45	4.45	05/11/06	semiannual	57
Oct-06	8.00	2	5			8.00	8.00	10/18/06	semiannual	58
May-07	8.00	2	5			8.00	8.00	05/22/07	semiannual	59
Oct-07	8.00	2	5			8.00	8.00	10/25/07	semiannual	60
May-08	8.00	2	5			8.00	8.00	05/13/08	semiannual	61
Oct-09	5.00	2	5			6.50	6.50	10/29/09	semiannual	64
May-10	5.00	2	5			5.00	5.00	05/20/10	semiannual	65
Oct-10	5.00	2	5			5.00	5.00	10/18/10	semiannual	66
Jun-11	2.00	2	2			3.50	3.50	06/02/11	semiannual	67

WELL VDM-9 & 9R: VINYL CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-11	5.00	2	5			3.50	3.50	10/12/11	semiannual	68
May-12	2.00	2	2			3.50	3.50	05/18/12	semiannual	69
Oct-12	2.00	2	2			2.00	2.00	10/11/12	semiannual	70
May-13	2.00	2	2			2.00	2.00	05/17/13	semiannual	71
Oct-13	2.00	2	2			2.00	2.00	10/11/13	semiannual	72
Jun-14	2.00	2	2			2.00	2.00	06/20/14	semiannual	73
Oct-14	2.00	2	2			2.00	2.00	10/06/14	semiannual	74
Jul-15	2.00	2	2			2.00	2.00	07/16/15	semiannual	75
Jul-16	1.00	2	1			1.50	1.50	07/20/16	Annual	76
Sep-17	0.07	2	1			0.54	0.54	09/22/17	Annual	77
Jul-18	0.37	2	1			0.22	0.22	07/24/18	Annual	78
Aug-19	0.43	2	1			0.40	0.40	08/06/19	Annual	79
Sep-20	0.48	2	1			0.46	0.46	09/04/20	Annual	80
Aug-21	0.59	2	1			0.54	0.54	08/03/21	Annual	81
Aug-22	0.95	2	1			0.77	0.77	08/30/22	Annual	81
Aug-23	0.46	2	1			0.71	0.71	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
CHROMIUM



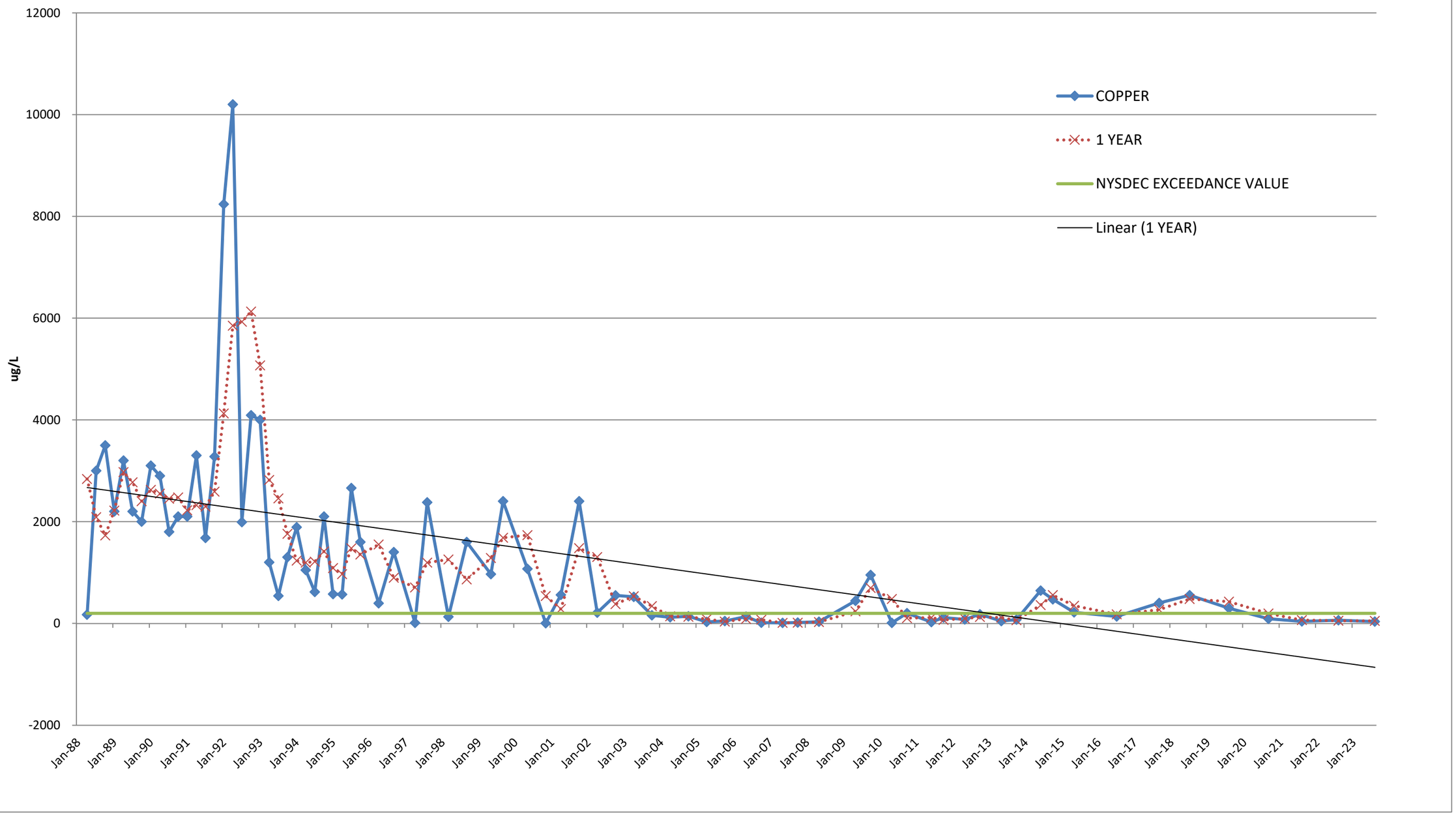
WELL VDM-9 & 9R: CHROMIUM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	190.00	50	50	TOTAL STD	155.1931					1
Apr-87	190.00	50	50	TOTAL Sx	19.10294					2
Jul-87	1400.00	50	50	TOTAL MEAN	50.01463					3
Oct-87	66.00	50	50	TOTAL N	67	461.50				4
Jan-88	17.00	50	50	TOTAL df	66	418.25				5
Apr-88	19.00	50	50			375.50				6
Jul-88	16.00	50	50			29.50				7
Oct-88	5.00	50	50			14.25				8
Jan-89	170.00	50	50			52.50				9
Apr-89	9.00	50	50			50.00				10
Jul-89	51.00	50	50			58.75				11
Oct-89	33.00	50	50			65.75				12
Jan-90	30.00	50	50			30.75				13
Apr-90	30.00	50	50			36.00				14
Jul-90	30.00	50	50			30.75				15
Oct-90	30.00	50	50			30.00				16
Jan-91	8.00	50	50			24.50				17
Apr-91	140.00	50	50			52.00				18
Jul-91	20.00	50	50			49.50				19
Oct-91	27.00	50	50			48.75				20
Jan-92	25.00	50	50			53.00				21
Apr-92	2.00	50	50			18.50				22
Jul-92	26.00	50	50			20.00				23
Oct-92	10.00	50	50			15.75				24
Jan-93	53.00	50	50			22.75				25
Apr-93	2.00	50	50			22.75				26
Jul-93	42.00	50	50			26.75				27
Oct-93	10.00	50	50			26.75				28
Jan-94	63.00	50	50			29.25				29
Apr-94	38.00	50	50			38.25				30
Jul-94	42.00	50	50			38.25				31
Oct-94	42.00	50	50			46.25				32
Jan-95	90.00	50	50			53.00				33
Apr-95	71.00	50	50			61.25				34
Jul-95	60.00	50	50			65.75				35
Oct-95	31.00	50	2			63.00				36
Apr-96	155.00	50	2			82.00		04/01/96		37
Sep-96	10.00	50	5			82.50		09/17/96	semiannual	38
Apr-97	8.00	50	5			9.00	9.00	04/03/97	semiannual	39
Aug-97	58.00	50	5			33.00	33.00	08/27/97	semiannual	40
Mar-98	10.00	50	10			34.00	34.00	03/24/98	semiannual	41
Sep-98	10.00	50	10			10.00	10.00	09/22/98	semiannual	42
May-99	10.00	50	10			10.00	10.00	05/11/99	semiannual	43
Sep-99	21.00	50	14			15.50	15.50	09/29/99	semiannual	44
May-00	49.00	50	20			35.00	35.00	05/16/00	semiannual	45
Nov-00	2.00	50	2			25.50	25.50	11/28/00	semiannual	46
Apr-01	28.00	50	2			15.00	15.00	04/04/01	semiannual	47
Oct-01	28.00	50	2			28.00	28.00	10/18/01	semiannual	48
Apr-02	8.50	50	2			18.25	18.25	04/18/02	semiannual	49
Oct-02	14.00	50	2			11.25	11.25	10/03/02	semiannual	50
Apr-03	57.00	50	2			35.50	35.50	04/25/03	semiannual	51
Oct-03	64.00	50	4			60.50	60.50	10/03/03	semiannual	52
Apr-04	8.00	50	4			36.00	36.00	04/01/04	semiannual	53
Oct-04	8.00	50	4			8.00	8.00	10/19/04	semiannual	54
Apr-05	23.00	50	4			15.50	15.50	04/22/05	semiannual	55
Oct-05	74.00	50	4			48.50	48.50	10/07/05	semiannual	56
May-06	25.00	50	4			49.50	49.50	05/11/06	semiannual	57
Oct-06	10.00	50	4			17.50	17.50	10/18/06	semiannual	58
May-07	10.00	50	4			10.00	10.00	05/22/07	semiannual	59
Oct-07	10.00	50	4			10.00	10.00	10/25/07	semiannual	60
May-08	14.00	50	4			12.00	12.00	05/13/08	semiannual	61
May-09	22.00	50	4			18.00	18.00	05/12/09	semiannual	63
Oct-09	37.00	50	4			29.50	29.50	10/29/09	semiannual	64
May-10	10.00	50	4			23.50	23.50	05/20/10	semiannual	65
Oct-10	10.00	50	4			10.00	10.00	10/18/10	semiannual	66

WELL VDM-9 & 9R: CHROMIUM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jun-11	10.00	50	10			10.00	10.00	06/02/11	semiannual	67
Oct-11	17.00	50	10			13.50	13.50	10/12/11	semiannual	68
May-12	17.00	50	10			17.00	17.00	05/18/12	semiannual	69
Oct-12	19.00	50	400			18.00	18.00	10/11/12	semiannual	70
May-13	10.00	50	400			14.50	14.50	05/17/13	semiannual	71
Oct-14	16.00	50	20			13.00	13.00	10/11/14	semiannual	72
Jun-14	17.00	50	30			16.50	16.50	06/20/14	semiannual	73
Oct-14	22.00	50	10			19.50	19.50	10/06/14	semiannual	74
Jul-15	11.00	50	50			16.50	16.50	07/15/15	semiannual	75
Jul-16	10.00	50	10			10.50	10.50	07/20/16	Annual	76
Sep-17	15.71	50	50			12.86	12.86	09/22/17	Annual	77
Jul-18	27.81	50	1			21.76	21.76	07/24/18	Annual	78
Aug-19	10.60	50	10			19.21	19.21	08/06/19	Annual	79
Sep-20	2.35	50	1			6.48	6.48	09/04/20	Annual	80
Aug-21	8.00	50	0.5			5.18	5.18	08/03/21	Annual	81
Aug-22	4.95	50	1			6.48	6.48	08/30/22	Annual	81
Aug-23	1.28	50	1			3.12	3.12	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
COPPER



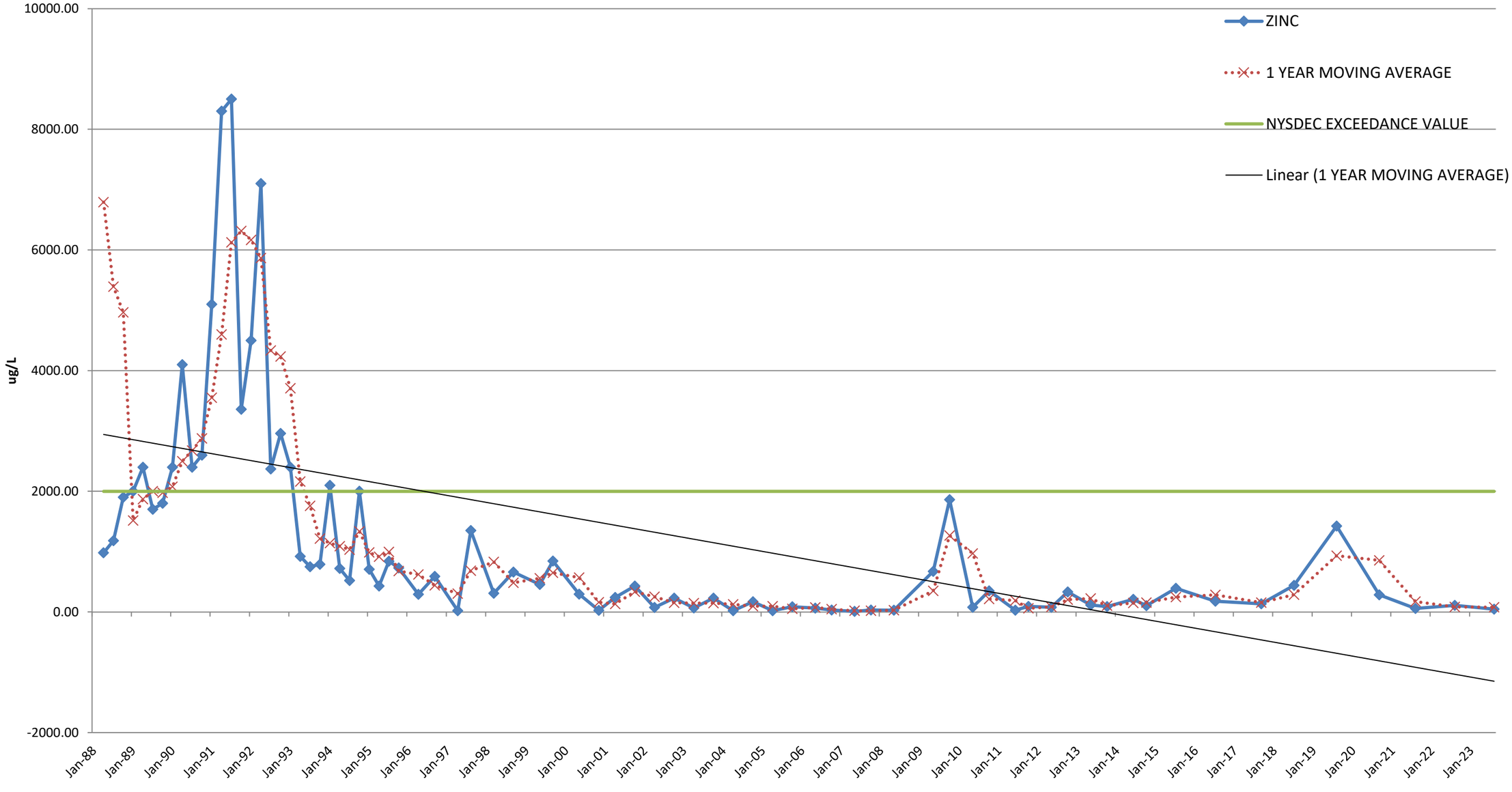
WELL VDM-9 & 9R: COPPER

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	7800	200	200	TOTAL STD	2052.182					1
Apr-87	7700	200	200	TOTAL Sx	252.6062					2
Jul-87	6000	200	200	TOTAL MEAN	1539.205					3
Oct-87	4940	200	200	TOTAL N	67	6610.0				4
Jan-88	243	200	200	TOTAL df	66	4720.8				5
Apr-88	171	200	200			2838.5				6
Jul-88	3000	200	200			2088.5				7
Oct-88	3500	200	200			1728.5				8
Jan-89	2200	200	200			2217.8				9
Apr-89	3200	200	200			2975.0				10
Jul-89	2200	200	200			2775.0				11
Oct-89	2000	200	200			2400.0				12
Jan-90	3100	200	200			2625.0				13
Apr-90	2900	200	200			2550.0				14
Jul-90	1800	200	200			2450.0				15
Oct-90	2100	200	200			2475.0				16
Jan-91	2100	200	200			2225.0				17
Apr-91	3300	200	200			2325.0				18
Jul-91	1680	200	200			2295.0				19
Oct-91	3280	200	200			2590.0				20
Jan-92	8240	200	200			4125.0				21
Apr-92	10200	200	200			5850.0				22
Jul-92	1990	200	200			5927.5				23
Oct-92	4090	200	200			6130.0				24
Jan-93	4000	200	200			5070.0				25
Apr-93	1200	200	200			2820.0				26
Jul-93	540	200	200			2457.5				27
Oct-93	1300	200	200			1760.0				28
Jan-94	1890	200	200			1232.5				29
Apr-94	1050	200	200			1195.0				30
Jul-94	620	200	200			1215.0				31
Oct-94	2100	200	200			1415.0				32
Jan-95	577	200	200			1086.8				33
Apr-95	570	200	200			966.8				34
Jul-95	2662	200	200			1477.3				35
Oct-95	1600	200	10			1352.3				36
Apr-96	394	200	10			1552.0	1262.5	04/01/96	semiannual	37
Sep-96	1400	200	10			897.0	897.0	09/17/96	semiannual	38
Apr-97	10	200	10			705.0	705.0	04/03/97	semiannual	39
Aug-97	2380	200	10			1195.0	1195.0	08/27/97	semiannual	40
Mar-98	130	200	20			1255.0	1255.0	03/24/98	semiannual	41
Sep-98	1600	200	20			865.0	865.0	09/22/98	semiannual	42
May-99	967	200	10			1283.5	1283.5	05/11/99	semiannual	43
Sep-99	2400	200	10			1683.5	1683.5	09/29/99	semiannual	44
May-00	1070	200	10			1735.0	1735.0	05/16/00	semiannual	45
Nov-00	5	200	5			537.5	537.5	11/28/00	semiannual	46
Apr-01	560	200	10			282.5	282.5	04/04/01	semiannual	47
Oct-01	2400	200	10			1480.0	1480.0	10/18/01	semiannual	48
Apr-02	210	200	5			1305.0	1305.0	04/18/02	semiannual	49
Oct-02	550	200	5			380.0	380.0	10/03/02	semiannual	50
Apr-03	520	200	5			535.0	535.0	04/25/03	semiannual	51
Oct-03	160	200	10			340.0	340.0	10/03/03	semiannual	52
Apr-04	120	200	10			140.0	140.0	04/01/04	semiannual	53
Oct-04	140	200	10			130.0	130.0	10/19/04	semiannual	54
Apr-05	28	200	10			84.0	84.0	04/22/05	semiannual	55
Oct-05	45	200	10			36.5	36.5	10/07/05	semiannual	56
May-06	133	200	10			89.0	89.0	05/11/06	semiannual	57
Oct-06	13	200	10			73.0	73.0	10/18/06	semiannual	58
May-07	10	200	10			11.5	11.5	05/22/07	semiannual	59
Oct-07	18	200	10			14.0	14.0	10/25/07	semiannual	60
May-08	32	200	10			25.0	25.0	05/13/08	semiannual	61
May-09	443	200	10			237.5	237.5	05/12/09	semiannual	63
Oct-09	951	200	10			697.0	697.0	10/29/09	semiannual	64
May-10	10	200	10			480.5	480.5	05/20/10	semiannual	65
Oct-10	200	200	10			105.0	105.0	10/18/10	semiannual	66

WELL VDM-9 & 9R: COPPER

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jun-11	26	200	10			113.0	113.0	06/02/11	semiannual	67
Oct-11	113	200	10			69.5	69.5	10/12/11	semiannual	68
May-12	78	200	10			95.5	95.5	05/18/12	semiannual	69
Oct-12	178	200	40			128.0	128.0	10/11/12	semiannual	70
May-13	47	200	400			112.5	112.5	05/17/13	semiannual	71
Oct-13	75	200	20			61.0	61.0	10/11/13	semiannual	72
Jun-14	643	200	32			359.0	359.0	06/20/14	semiannual	73
Oct-14	474	200	15			558.5	558.5	10/06/14	semiannual	74
May-15	218	200	500			346.0	346.0	05/15/15	semiannual	75
Jul-16	137	200	10			177.5	177.5	07/20/16	Annual	76
Sep-17	402.5	200	500			269.8	269.8	09/22/17	Annual	77
Jul-18	554.6	200	1			478.6	478.6	07/24/18	Annual	78
Aug-19	298	200	10			426.3	426.3	08/06/19	Annual	79
Sep-20	90.72	200	1			194.4	194.4	09/04/20	Annual	80
Aug-21	40.4	200	2.5			65.6	65.6	08/03/21	Annual	81
Aug-22	60.9	200	1			50.7	50.7	08/30/22	Annual	81
Aug-23	36.72	200	1			48.8	48.8	08/15/23	Annual	82

MOVING AVERAGE TREND TEST
VDM-9 (1987-2013) & VDM-9R (2014-Present)
ZINC



WELL VDM-9 & 9R: ZINC

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jan-87	3050.00	2000	300	TOTAL STD	2385.115					1
Apr-87	3150.00	2000	300	TOTAL Sx	266.6639					2
Jul-87		2000	300	TOTAL MEAN	1454.394					3
Oct-87	3600.00	2000	300	TOTAL N	81	3266.67				4
Jan-88	15800.00	2000	300	TOTAL df	80	7516.67				5
Apr-88	980.00	2000	300			6793.33				6
Jul-88	1180.00	2000	300			5390.00				7
Oct-88	1900.00	2000	300			4965.00				8
Jan-89	2000.00	2000	300			1515.00				9
Apr-89	2400.00	2000	300			1870.00				10
Jul-89	1700.00	2000	300			2000.00				11
Oct-89	1800.00	2000	300			1975.00				12
Jan-90	2400.00	2000	300			2075.00				13
Apr-90	4100.00	2000	300			2500.00				14
Jul-90	2400.00	2000	300			2675.00				15
Oct-90	2600.00	2000	300			2875.00				16
Jan-91	5100.00	2000	300			3550.00				17
Apr-91	8300.00	2000	300			4600.00				18
Jul-91	8500.00	2000	300			6125.00				19
Oct-91	3360.00	2000	300			6315.00				20
Jan-92	4500.00	2000	300			6165.00				21
Apr-92	7100.00	2000	300			5865.00				22
Jul-92	2370.00	2000	300			4332.50				23
Oct-92	2960.00	2000	300			4232.50				24
Jan-93	2400.00	2000	300			3707.50				25
Apr-93	920.00	2000	300			2162.50				26
Jul-93	750.00	2000	300			1757.50				27
Oct-93	790.00	2000	300			1215.00				28
Jan-94	2100.00	2000	300			1140.00				29
Apr-94	720.00	2000	300			1090.00				30
Jul-94	520.00	2000	300			1032.50				31
Oct-94	2000.00	2000	300			1335.00				32
Jan-95	707.00	2000	300			986.75				33
Apr-95	430.00	2000	300			914.25				34
Jul-95	842.00	2000	300			994.75				35
Oct-95	730.00	2000	20			677.25				36
Apr-96	293.00	2000	20			621.67	539.50			37
Sep-96	590.00	2000	20			441.50	441.50	09/17/96	semiannual	38
Apr-97	20.00	2000	20			305.00	305.00	04/03/97	semiannual	39
Aug-97	1350.00	2000	20			685.00	685.00	08/27/97	semiannual	40
Mar-98	310.00	2000	10			830.00	830.00	03/24/98	semiannual	41
Sep-98	660.00	2000				485.00	485.00	09/22/98	semiannual	42
May-99	455.00	2000	16			557.50	557.50	05/11/99	semiannual	43
Sep-99	844.00	2000	16			649.50	649.50	09/29/99	semiannual	44
May-00	295.00	2000	16			569.50	569.50	05/16/00	semiannual	45
Nov-00	26.00	2000	26			160.50	160.50	11/28/00	semiannual	46
Apr-01	240.00	2000	26			133.00	133.00	04/04/01	semiannual	47
Oct-01	430.00	2000	20			335.00	335.00	10/18/01	semiannual	48
Apr-02	75.00	2000	20			252.50	252.50	04/18/02	semiannual	49
Oct-02	230.00	2000	20			152.50	152.50	10/03/02	semiannual	50
Apr-03	65.00	2000	20			147.50	147.50	04/25/03	semiannual	51
Oct-03	230.00	2000	20			147.50	147.50	04/25/03	semiannual	52
Apr-04	20.00	2000	20			125.00	125.00	04/01/04	semiannual	53
Oct-04	170.00	2000	20			95.00	95.00	10/19/04	semiannual	54
Apr-05	20.00	2000	20			95.00	95.00	04/22/05	semiannual	55
Oct-05	86.00	2000	20			53.00	53.00	10/07/05	semiannual	56
May-06	64.00	2000	20			75.00	75.00	05/11/06	semiannual	57
Oct-06	31.00	2000	20			47.50	47.50	10/18/06	semiannual	58
May-07	10.00	2000	20			20.50	20.50	05/22/07	semiannual	59
Oct-07	31.00	2000	20			20.50	20.50	10/25/07	semiannual	60
May-08	28.00	2000	20			29.50	29.50	05/13/08	semiannual	61
May-09	671.00	2000	20			349.50	349.50	05/12/09	semiannual	63
Oct-09	1860.00	2000	20			1265.50	1265.50	10/29/09	semiannual	64
May-10	79.00	2000	20			969.50	969.50	05/20/10	semiannual	65

WELL VDM-9 & 9R: ZINC

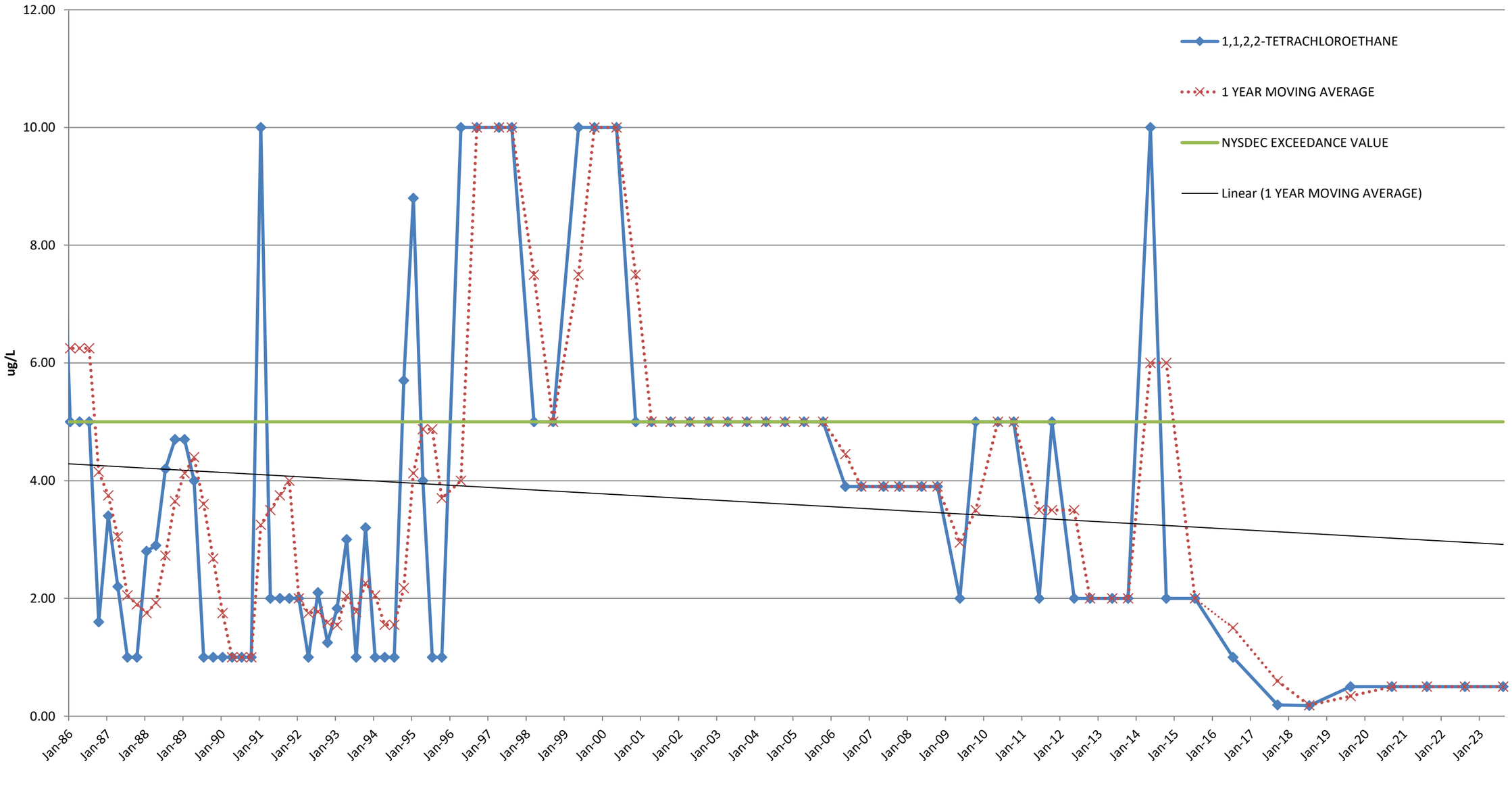
SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-10	350.00	2000	20			214.50	214.50	10/18/10	semiannual	66
Jun-11	30.00	2000	20			190.00	190.00	06/02/11	semiannual	67
Oct-11	91.00	2000	20			60.50	60.50	10/12/11	semiannual	68
May-12	78.00	2000	10			84.50	84.50	05/18/12	semiannual	69
Oct-12	331.00	2000	1280			204.50	204.50	10/01/12	semiannual	70
May-13	116.00	2000	1000			223.50	223.50	05/17/13	semiannual	71
Oct-13	90.00	2000	880			103.00	103.00	10/11/13	semiannual	72
Jun-14	208.00	2000	544			149.00	149.00	06/20/14	semiannual	73
Oct-14	103.00	2000	21			155.50	155.50	10/06/14	semiannual	74
Jul-15	391.00	2000	800			247.00	247.00	07/16/15	semiannual	75
Jul-16	177.00	2000	500			284.00	284.00	07/20/16	Annual	76
Sep-17	133.90	2000	800			155.45	155.45	09/22/17	Annual	77
Jul-18	441.00	2000	10			287.45	287.45	07/24/18	Annual	78
Aug-19	1425.00	2000	100			933.00	933.00	08/06/19	Annual	79
Sep-20	284.60	2000	10			854.80	854.80	09/04/20	Annual	80
Aug-21	58.00	2000	5			171.30	171.30	08/03/21	Annual	81
Aug-22	110.10	2000	10			84.05	84.05	08/30/22	Annual	81
Aug-23	46.32	2000	10			78.21	78.21	08/15/23	Annual	82

APPENDIX D2

VDM-10

ORION

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



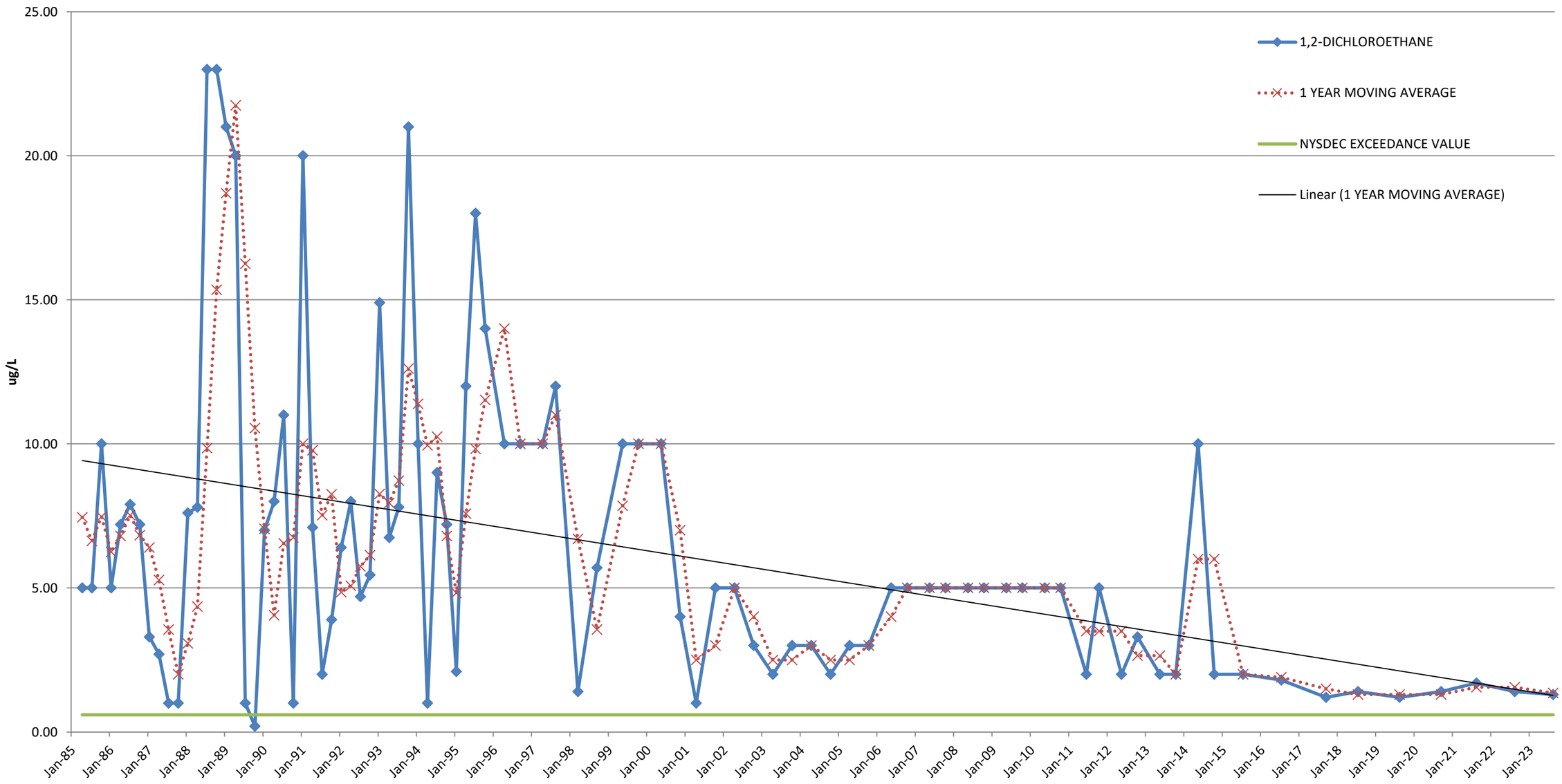
WELL VDM - 10 : 1,1,2,2-TETRACHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-	-	-	----------	-	-				-
Jul-84		5	5	TOTAL STD	2.805823					1
Oct-84		5	5	TOTAL Sx	0.29576					2
Jan-85	5.00	5	5	TOTAL MEAN	3.754396					3
Apr-85	5.00	5	5	TOTAL N	91	5.00				4
Jul-85	5.00	5	5	TOTAL df	90	5.00				5
Oct-85	10.00	5	5			6.25				6
Jan-86	5.00	5	5			6.25				7
Apr-86	5.00	5	5			6.25				8
Jul-86	5.00	5	5			6.25				9
Oct-86	1.60	5	5			4.15				10
Jan-87	3.40	5	5			3.75				11
Apr-87	2.20	5	5			3.05				12
Jul-87	1.00	5	5			2.05				13
Oct-87	1.00	5	5			1.90				14
Jan-88	2.80	5	5			1.75				15
Apr-88	2.90	5	5			1.93				16
Jul-88	4.20	5	5			2.73				17
Oct-88	4.70	5	5			3.65				18
Jan-89	4.70	5	5			4.13				19
Apr-89	4.00	5	5			4.40				20
Jul-89	1.00	5	5			3.60				21
Oct-89	1.00	5	5			2.68				22
Jan-90	1.00	5	5			1.75				23
Apr-90	1.00	5	5			1.00				24
Jul-90	1.00	5	5			1.00				25
Oct-90	1.00	5	5			1.00				26
Jan-91	10.00	5	5			3.25				27
Apr-91	2.00	5	5			3.50				28
Jul-91	2.00	5	5			3.75				29
Oct-91	2.00	5	5			4.00				30
Jan-92	2.00	5	5			2.00				31
Apr-92	1.00	5	5			1.75				32
Jul-92	2.10	5	5			1.78				33
Oct-92	1.25	5	5			1.59				34
Jan-93	1.83	5	5			1.55				35
Apr-93	3.00	5	5			2.05				36
Jul-93	1.00	5	5			1.77				37
Oct-93	3.20	5	5			2.26				38
Jan-94	1.00	5	5			2.05				39
Apr-94	1.00	5	5			1.55				40
Jul-94	1.00	5	5			1.55				41
Oct-94	5.70	5	5			2.18				42
Jan-95	8.80	5	5			4.13				43
Apr-95	4.00	5	5			4.88				44
Jul-95	1.00	5	5			4.88				45
Oct-95	1.00	5	1			3.70				46
Apr-96	10.00	5	10			4.00				47
Sep-96	10.00	5	10			10	10	09/17/96	semiannual	48
Apr-97	10.00	5	10			10	10	04/03/97	semiannual	49
Aug-97	10.00	5	10			10	10	08/27/97	semiannual	50
Mar-98	5.00	5	5			7.5	7.5	03/24/98	semiannual	51
Sep-98	5.00	5	5			5	5	09/22/98	semiannual	52
May-99	10.00	5	10			7.5	7.5	05/11/99	semiannual	53
Oct-99	10.00	5	10			10	10	10/05/99	semiannual	54
May-00	10.00	5	10			10	10	05/16/00	semiannual	55
Nov-00	5.00	5	5			7.5	7.5	11/28/00	semiannual	56
Apr-01	5.00	5	5			5	5	04/04/01	semiannual	57
Oct-01	5.00	5	5			5	5	10/18/01	semiannual	58
Apr-02	5.00	5	5			5	5	04/18/02	semiannual	59
Oct-02	5.00	5	5			5	5	10/03/02	semiannual	60
Apr-03	5.00	5	5			5	5	04/25/03	semiannual	61
Oct-03	5.00	5	5			5	5	10/03/03	semiannual	62
Apr-04	5.00	5	5			5	5	04/01/04	semiannual	63
Oct-04	5.00	5	5			5	5	10/19/04	semiannual	64

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

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Apr-05	5.00	5	5			5	5	04/22/05	semiannual	65
Oct-05	5.00	5	5			5	5	10/07/05	semiannual	66
May-06	3.90	5	5			4.45	4.45	05/11/06	semiannual	67
Oct-06	3.90	5	5			3.9	3.9	10/18/06	semiannual	68
May-07	3.90	5	5			3.9	3.9	05/22/07	semiannual	69
Oct-07	3.90	5	5			3.9	3.9	10/25/07	semiannual	70
May-08	3.90	5	5			3.9	3.9	05/13/08	semiannual	71
Oct-08	3.90	5	5			3.9	3.9	10/23/08	semiannual	72
May-09	2.00	5	5			2.95	2.95	05/09/09	semiannual	73
Oct-09	5.00	5	5			3.5	3.5	10/29/09	semiannual	74
May-10	5.00	5	5			5	5	05/20/10	semiannual	75
Oct-10	5.00	5	5			5	5	10/18/10	semiannual	76
Jun-11	2.00	5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5.00	5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2.00	5	2			3.5	3.5	05/08/12	semiannual	79
Oct-12	2.00	5	2			2	2	10/11/12	semiannual	80
May-13	2.00	5	2			2	2	05/17/13	semiannual	81
Oct-13	2.00	5	2			2	2	10/11/13	semiannual	82
May-14	10.00	5	10			6	6	05/05/14	semiannual	83
Oct-14	2.00	5	2			6	6	10/06/14	semiannual	84
Jul-15	2.00	5	2			2	2	07/09/15	semiannual	85
Jul-16	1.00	5	1			1.5	1.5	07/20/16	Annual	86
Sep-17	0.19	5	0.5			0.595	0.595	09/22/17	Annual	87
Jul-18	0.18	5	2			0.185	0.185	07/24/18	Annual	88
Aug-19	0.50	5	0.5			0.34	0.34	08/06/19	Annual	89
Sep-20	0.50	5	0.5			0.5	0.5	09/04/20	Annual	90
Aug-21	0.50	5	0.5			0.5	0.5	08/03/21	Annual	91
Aug-22	0.50	5	5			0.5	0.5	08/30/22	Annual	92
Aug-23	0.50	5	0.5			0.5	0.5	08/15/23	Annual	92

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



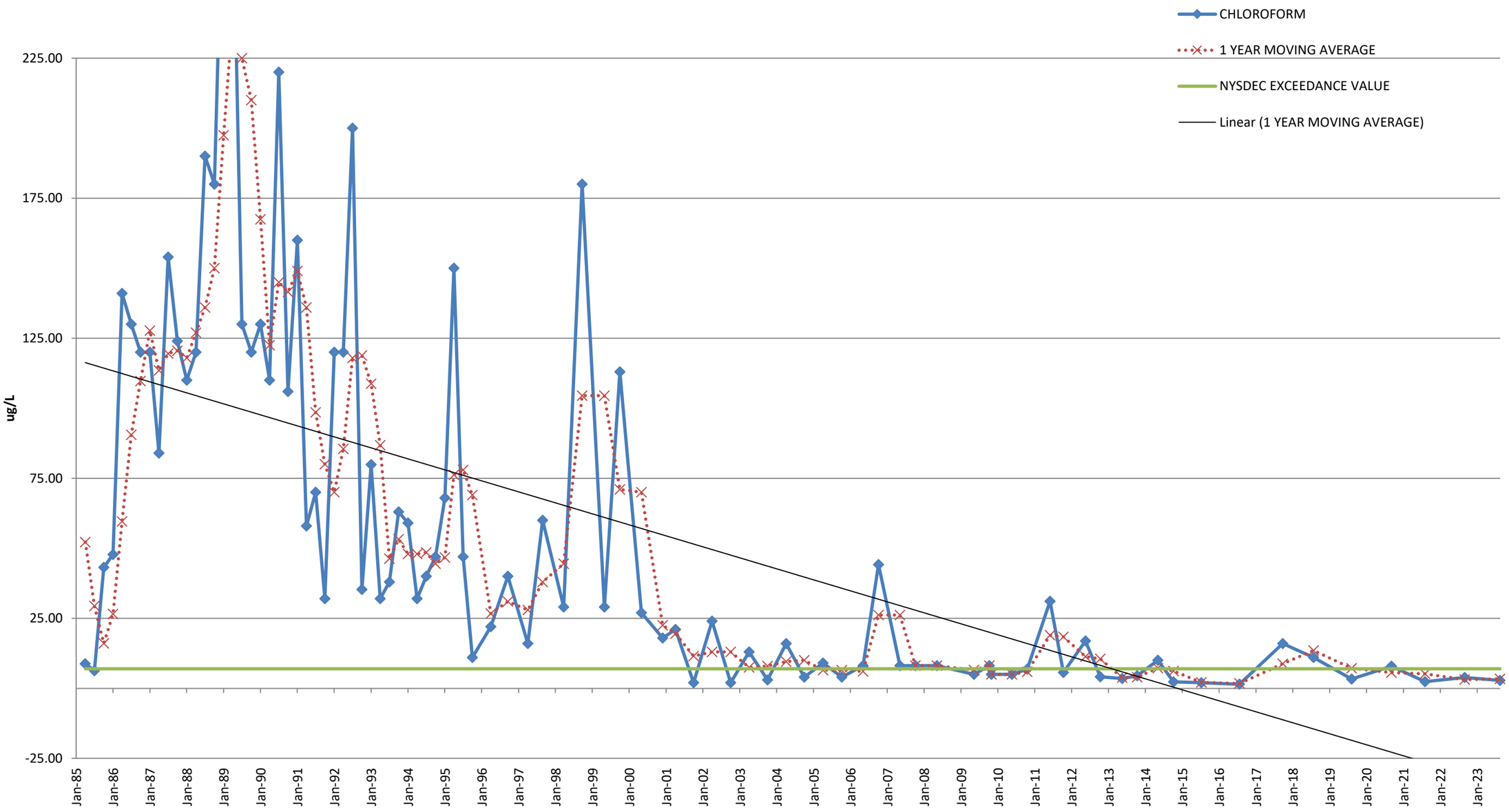
WELL VDM - 10 : 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				EVENT NO.
Jul-84		0.6	5	TOTAL STD	5.360532					1
Oct-84		0.6	5	TOTAL Sx	0.56505					2
Jan-85	9.90	0.6	5	TOTAL MEAN	7.2					3
Apr-85	5.00	0.6	5	TOTAL N	91	7.45				4
Jul-85	5.00	0.6	5	TOTAL df	90	6.63				5
Oct-85	10.00	0.6	5			7.48				6
Jan-86	5.00	0.6	5			6.25				7
Apr-86	7.20	0.6	5			6.80				8
Jul-86	7.90	0.6	5			7.53				9
Oct-86	7.20	0.6	5			6.83				10
Jan-87	3.30	0.6	5			6.40				11
Apr-87	2.70	0.6	5			5.28				12
Jul-87	1.00	0.6	5			3.55				13
Oct-87	1.00	0.6	5			2.00				14
Jan-88	7.60	0.6	5			3.08				15
Apr-88	7.80	0.6	5			4.35				16
Jul-88	23.00	0.6	5			9.85				17
Oct-88	23.00	0.6	5			15.35				18
Jan-89	21.00	0.6	5			18.70				19
Apr-89	20.00	0.6	5			21.75				20
Jul-89	1.00	0.6	5			16.25				21
Oct-89	0.20	0.6	5			10.55				22
Jan-90	7.00	0.6	5			7.05				23
Apr-90	8.00	0.6	5			4.05				24
Jul-90	11.00	0.6	5			6.55				25
Oct-90	1.00	0.6	5			6.75				26
Jan-91	20.00	0.6	5			10.00				27
Apr-91	7.10	0.6	5			9.78				28
Jul-91	2.00	0.6	5			7.53				29
Oct-91	3.90	0.6	5			8.25				30
Jan-92	6.40	0.6	5			4.85				31
Apr-92	8.00	0.6	5			5.08				32
Jul-92	4.70	0.6	5			5.75				33
Oct-92	5.45	0.6	5			6.14				34
Jan-93	14.90	0.6	5			8.26				35
Apr-93	6.75	0.6	5			7.95				36
Jul-93	7.80	0.6	5			8.73				37
Oct-93	21.00	0.6	5			12.61				38
Jan-94	10.00	0.6	5			11.39				39
Apr-94	1.00	0.6	5			9.95				40
Jul-94	9.00	0.6	5			10.25				41
Oct-94	7.20	0.6	5			6.80				42
Jan-95	2.10	0.6	5			4.83				43
Apr-95	12.00	0.6	5			7.58				44
Jul-95	18.00	0.6	5			9.83				45
Oct-95	14.00	0.6	1			11.53				46
Apr-96	10.00	0.6	10			14.00	13.00			47
Sep-96	10.00	0.6	10			10	10	09/17/96	semiannual	48
Apr-97	10.00	0.6	10			10	10	04/03/97	semiannual	49
Aug-97	12.00	0.6	10			11	11	08/27/97	semiannual	50
Mar-98	1.40	0.6	5			6.7	6.7	03/24/98	semiannual	51
Sep-98	5.70	0.6	5			3.55	3.55	09/22/98	semiannual	52
May-99	10.00	0.6	10			7.85	7.85	05/11/99	semiannual	53
Oct-99	10.00	0.6	10			10	10	10/05/99	semiannual	54
May-00	10.00	0.6	10			10	10	05/16/00	semiannual	55
Nov-00	4.00	0.6	5			7	7	11/28/00	semiannual	56
Apr-01	1.00	0.6	5			2.5	2.5	04/04/01	semiannual	57
Oct-01	5.00	0.6	5			3	3	10/18/01	semiannual	58
Apr-02	5.00	0.6	5			5	5	04/18/02	semiannual	59
Oct-02	3.00	0.6	5			4	4	10/03/02	semiannual	60
Apr-03	2.00	0.6	5			2.5	2.5	04/25/03	semiannual	61
Oct-03	3.00	0.6	5			2.5	2.5	10/03/03	semiannual	62
Apr-04	3.00	0.6	5			3	3	04/01/04	semiannual	63
Oct-04	2.00	0.6	5			2.5	2.5	10/19/04	semiannual	64
Apr-05	3.00	0.6	5			2.5	2.5	04/22/05	semiannual	65

WELL VDM - 10 : 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				EVENT NO.
Oct-05	3.00	0.6	5			3	3	10/07/05	semiannual	66
May-06	5.00	0.6	5			4	4	05/11/06	semiannual	67
Oct-06	5.00	0.6	5			5	5	10/18/06	semiannual	68
May-07	5.00	0.6	5			5	5	05/22/07	semiannual	69
Oct-07	5.00	0.6	5			5	5	10/25/07	semiannual	70
May-08	5.00	0.6	5			5	5	05/13/08	semiannual	71
Oct-08	5.00	0.6	5			5	5	10/23/08	semiannual	72
May-09	5.00	0.6	5			5	5	05/12/09	semiannual	73
Oct-09	5.00	0.6	5			5	5	10/29/09	semiannual	74
May-10	5.00	0.6	5			5	5	05/20/10	semiannual	75
Oct-10	5.00	0.6	5			5	5	10/18/10	semiannual	76
Jun-11	2.00	0.6	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5.00	0.6	5			3.5	3.5	10/12/11	semiannual	78
May-12	2.00	0.6	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	3.30	0.6	2			2.65	2.65	10/11/12	semiannual	80
May-13	2.00	0.6	2			2.65	2.65	05/17/13	semiannual	81
Oct-13	2.00	0.6	2			2	2	10/11/13	semiannual	82
May-14	10.00	0.6	2			6	6	05/05/14	semiannual	83
Oct-14	2.00	0.6	2			6	6	10/06/14	semiannual	84
Jul-15	2.00	0.6	2			2	2	07/09/15	semiannual	85
Jul-16	1.80	0.6	1.5			1.9	1.9	07/20/16	Annual	86
Sep-17	1.20	0.6	0.5			1.5	1.5	09/22/17	Annual	87
Jul-18	1.40	0.6	0.5			1.3	1.3	07/24/18	Annual	88
Aug-19	1.20	0.6	2			1.3	1.3	08/06/19	Annual	89
Sep-20	1.40	0.6	0.5			1.3	1.3	09/04/20	Annual	90
Aug-21	1.70	0.6	0.5			1.55	1.55	08/03/21	Annual	91
Aug-22	1.40	0.6	2			1.55	1.55	08/30/22	Annual	92
Aug-23	1.30	0.6	0.5			1.35	1.35	08/15/23	Annual	93

MOVING AVERAGE TREND TEST
VDM-10
CHLOROFORM



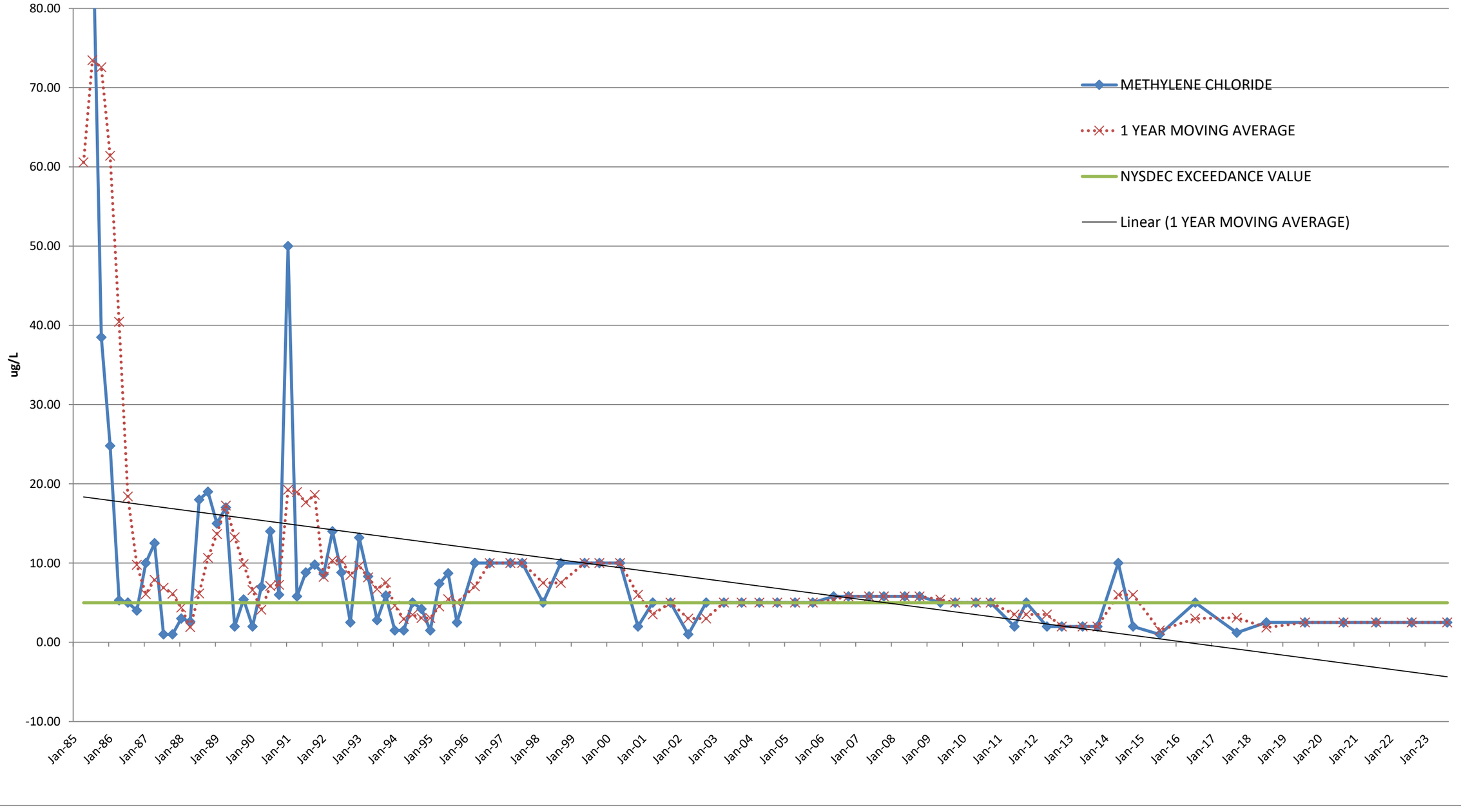
WELL VDM - 10 : CHLOROFORM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				EVENT NO.
Jul-84	97.60	7	8	TOTAL STD	66.6692					1
Oct-84	96.46	7	8	TOTAL Sx	7.59766					2
Jan-85	5.97	7	8	TOTAL MEAN	59.91293					3
Apr-85	8.80	7	8	TOTAL N	78	52.21				4
Jul-85	6.30	7	8	TOTAL df	77	29.38				5
Oct-85	43.20	7	8			16.07				6
Jan-86	47.80	7	8			26.53				7
Apr-86	141.00	7	8			59.58				8
Jul-86	130.00	7	8			90.50				9
Oct-86	120.00	7	8			109.70				10
Jan-87	120.00	7	8			127.75				11
Apr-87	84.00	7	8			113.50				12
Jul-87	154.00	7	8			119.50				13
Oct-87	124.00	7	8			120.50				14
Jan-88	110.00	7	8			118.00				15
Apr-88	120.00	7	8			127.00				16
Jul-88	190.00	7	8			136.00				17
Oct-88	180.00	7	8			150.00				18
Jan-89	300.00	7	8			197.50				19
Apr-89	290.00	7	8			240.00				20
Jul-89	130.00	7	8			225.00				21
Oct-89	120.00	7	8			210.00				22
Jan-90	130.00	7	8			167.50				23
Apr-90	110.00	7	8			122.50				24
Jul-90	220.00	7	8			145.00				25
Oct-90	106.00	7	8			141.50				26
Jan-91	160.00	7	8			149.00				27
Apr-91	58.00	7	8			136.00				28
Jul-91	70.00	7	8			98.50				29
Oct-91	32.00	7	8			80.00				30
Jan-92	120.00	7	8			70.00				31
Apr-92	120.00	7	8			85.50				32
Jul-92	200.00	7	8			118.00				33
Oct-92	35.30	7	8			118.83				34
Jan-93	79.90	7	8			108.80				35
Apr-93	32.00	7	8			86.80				36
Jul-93	38.00	7	8			46.30				37
Oct-93	63.00	7	8			53.23				38
Jan-94	59.00	7	8			48.00				39
Apr-94	32.00	7	8			48.00				40
Jul-94	40.00	7	8			48.50				41
Oct-94	47.00	7	8			44.50				42
Jan-95	68.00	7	8			46.75				43
Apr-95	150.00	7	8			76.25				44
Jul-95	47.00	7	8			78.00				45
Oct-95	11.00	7	4			69.00				46
Apr-96	22.00	7	4			26.67				47
Sep-96	40.00	7	10			31	31	09/17/96	semiannual	48
Apr-97	16.00	7	10			28	28	04/03/97	semiannual	49
Aug-97	60.00	7	10			38	38	08/27/97	semiannual	50
Mar-98	29.00	7	10			44.5	44.5	03/24/98	semiannual	51
Sep-98	180.00	7	5			104.5	104.5	09/22/98	semiannual	52
May-99	29.00	7	10			104.5	104.5	05/11/99	semiannual	53
Oct-99	113.00	7	10			71	71	10/05/99	semiannual	54
May-00	27.00	7	10			70	70	05/16/00	semiannual	55
Nov-00	18.00	7	5			22.5	22.5	11/28/00	semiannual	56
Apr-01	21.00	7	5			19.5	19.5	04/04/01	semiannual	57
Oct-01	2.00	7	5			11.5	11.5	10/18/01	semiannual	58
Apr-02	24.00	7	5			13	13	04/18/01	semiannual	59
Oct-02	2.00	7	5			13	13	10/03/02	semiannual	60
Apr-03	13.00	7	5			7.5	7.5	04/25/03	semiannual	61
Oct-03	3.00	7	5			8	8	10/03/03	semiannual	62
Apr-04	16.00	7	5			9.5	9.5	04/01/04	semiannual	63
Oct-04	4.00	7	5			10	10	10/19/04	semiannual	64
Apr-05	9.00	7	5			6.5	6.5	04/22/05	semiannual	65

WELL VDM - 10 : CHLOROFORM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				EVENT NO.
Oct-05	4.00	7	5			6.5	6.5	10/07/05	semiannual	66
May-06	8.10	7	5			6.05	6.05	05/11/06	semiannual	67
Oct-06	44.20	7	5			26.15	26.15	10/18/06	semiannual	68
May-07	8.10	7	5			26.15	26.15	05/22/04	semiannual	69
Oct-07	8.10	7	5			8.1	8.1	10/25/07	semiannual	70
May-08	8.10	7	5			8.1	8.1	05/13/08	semiannual	71
Oct-09	8.10	7	2			8.1	8.1	10/23/08	semiannual	72
May-09	5.00	7	5			6.55	6.55	05/09/09	semiannual	73
Oct-09	5.00	7	5			5	5	10/29/09	semiannual	74
May-10	5.00	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	31.10	7	5			18.98	18.98	06/02/11	semiannual	77
Oct-11	5.70	7	5			18.4	18.4	10/12/11	semiannual	78
May-12	16.90	7	2			11.3	11.3	05/18/12	semiannual	79
Oct-12	4.10	7	2			10.5	10.5	10/11/12	semiannual	80
May-13	3.50	7	2			3.8	3.8	05/17/13	semiannual	81
Oct-13	4.50	7	2			4	4	10/11/13	semiannual	82
May-14	10.00	7	10			7.25	7.25	05/05/14	semiannual	83
Oct-14	2.30	7	2			6.15	6.15	10/06/14	semiannual	84
Jul-15	2.00	7	2			2.15	2.15	07/09/15	semiannual	85
Jul-16	1.50	7	1.5			1.75	1.75	07/20/16	Annual	86
Sep-17	16.00	7	2.5			8.75	8.75	09/22/17	Annual	87
Jul-18	11.00	7	2.5			13.5	13.5	07/24/18	Annual	88
Aug-19	3.30	7	2.5			7.15	7.15	08/06/19	Annual	89
Sep-20	7.90	7	2.5			5.6	5.6	09/04/20	Annual	90
Aug-21	2.40	7	2.5			5.15	5.15	08/03/21	Annual	91
Aug-22	3.90	7	2.5			3.15	3.15	08/30/22	Annual	92
Aug-23	2.80	7	2.5			3.35	3.35	08/15/23	Annual	93

MOVING AVERAGE TREND TEST
VDM-10
METHYLENE CHLORIDE



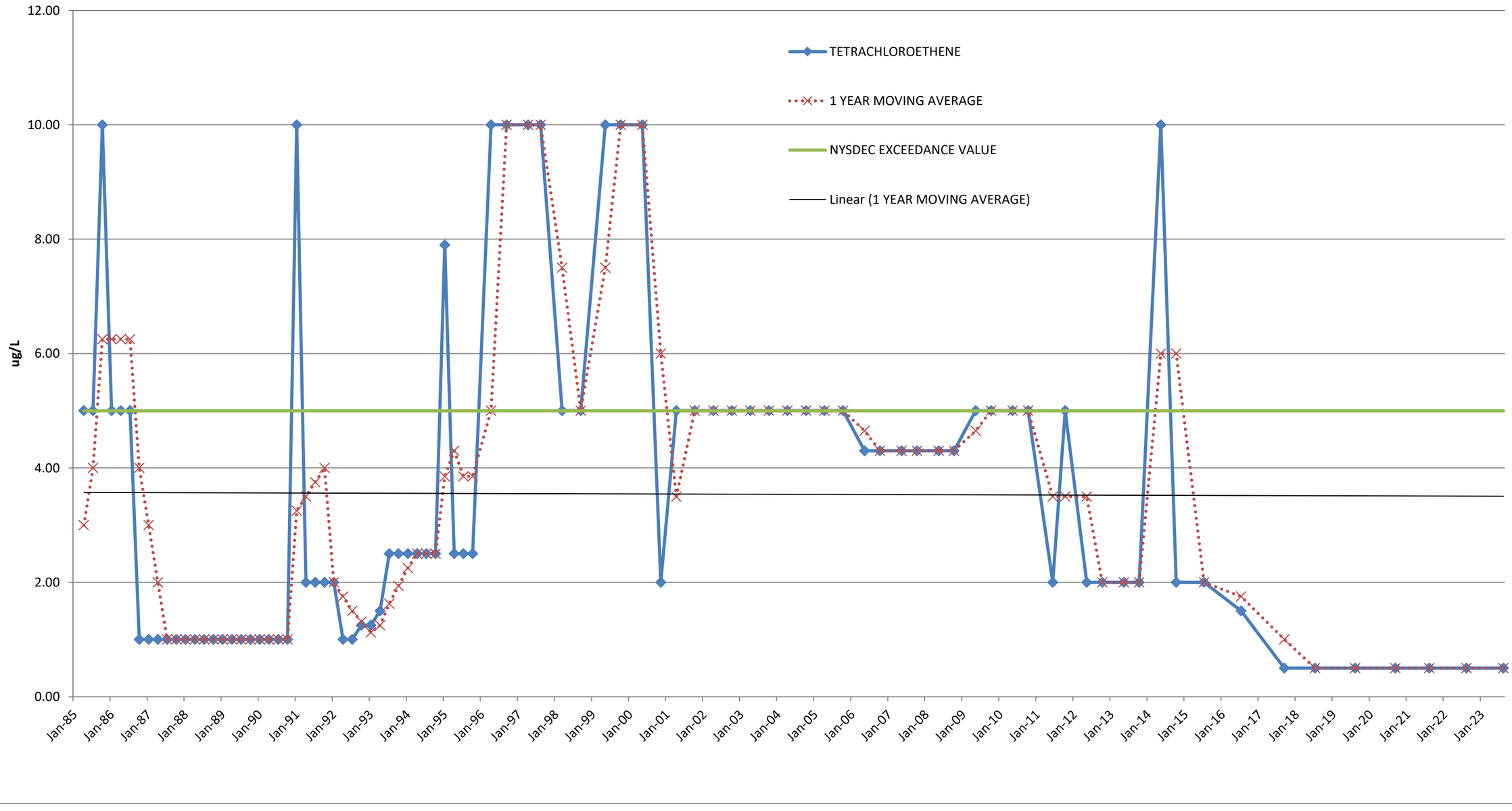
WELL VDM - 10 : METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84	41.70	5	5	TOTAL STD	16.12572					1
Oct-84	42.00	5	5	TOTAL Sx	1.681223					2
Jan-85	69.50	5	5	TOTAL MEAN	10.28398					3
Apr-85	89.10	5	5	TOTAL N	93	60.6				4
Jul-85	93.20	5	5	TOTAL df	92	73.5				5
Oct-85	38.50	5	5			72.6				6
Jan-86	24.80	5	5			61.4				7
Apr-86	5.30	5	5			40.5				8
Jul-86	5.00	5	5			18.4				9
Oct-86	4.00	5	5			9.8				10
Jan-87	10.00	5	5			6.1				11
Apr-87	12.50	5	5			7.9				12
Jul-87	1.00	5	5			6.9				13
Oct-87	1.00	5	5			6.1				14
Jan-88	3.00	5	5			4.4				15
Apr-88	2.60	5	5			1.9				16
Jul-88	18.00	5	5			6.2				17
Oct-88	19.00	5	5			10.7				18
Jan-89	15.00	5	5			13.7				19
Apr-89	17.00	5	5			17.3				20
Jul-89	2.00	5	5			13.3				21
Oct-89	5.40	5	5			9.9				22
Jan-90	2.00	5	5			6.6				23
Apr-90	7.00	5	5			4.1				24
Jul-90	14.00	5	5			7.1				25
Oct-90	6.00	5	5			7.3				26
Jan-91	50.00	5	5			19.3				27
Apr-91	5.80	5	5			19.0				28
Jul-91	8.80	5	5			17.7				29
Oct-91	9.80	5	5			18.6				30
Jan-92	8.60	5	5			8.3				31
Apr-92	14.00	5	5			10.3				32
Jul-92	8.80	5	5			10.3				33
Oct-92	2.50	5	5			8.5				34
Jan-93	13.20	5	5			9.6				35
Apr-93	8.31	5	5			8.2				36
Jul-93	2.80	5	5			6.7				37
Oct-93	5.90	5	5			7.6				38
Jan-94	1.50	5	5			4.6				39
Apr-94	1.50	5	5			2.9				40
Jul-94	5.00	5	5			3.5				41
Oct-94	4.20	5	5			3.1				42
Jan-95	1.50	5	5			3.1				43
Apr-95	7.40	5	5			4.5				44
Jul-95	8.70	5	5			5.5				45
Oct-95	2.50	5	2.5			5.0				46
Apr-96	10.00	5	10			7.1				47
Sep-96	10.00	5	10			10.0	10.0	09/17/96	semiannual	48
Apr-97	10.00	5	10			10.0	10.0	04/03/97	semiannual	49
Aug-97	10.00	5	10			10.0	10.0	08/27/97	semiannual	50
Mar-98	5.00	5	5			7.5	7.5	03/24/98	semiannual	51
Sep-98	10.00	5	5			7.5	7.5	09/22/98	semiannual	52
May-99	10.00	5	10			10.0	10.0	05/11/99	semiannual	53
Oct-99	10.00	5	10			10.0	10.0	10/05/99	semiannual	54
May-00	10.00	5	10			10.0	10.0	05/16/00	semiannual	55
Nov-00	2.00	5	5			6.0	6.0	11/28/00	semiannual	56
Apr-01	5.00	5	5			3.5	3.5	04/04/01	semiannual	57
Oct-01	5.00	5	5			5.0	5.0	10/18/01	semiannual	58
Apr-02	1.00	5	5			3.0	3.0	04/18/02	semiannual	59
Oct-02	5.00	5	5			3.0	3.0	10/03/02	semiannual	60
Apr-03	5.00	5	5			5.0	5.0	04/25/03	semiannual	61
Oct-03	5.00	5	5			5.0	5.0	10/03/03	semiannual	62
Apr-04	5.00	5	5			5.0	5.0	04/01/04	semiannual	63
Oct-04	5.00	5	5			5.0	5.0	10/19/04	semiannual	64

WELL VDM - 10 : METHYLENE CHLORIDE

SAMPLING EVENT	CONC	DEC EXCEED	DETEC	STATISTICS		MOVING				SAMPLING EVENT
Apr-05	5.00	5	5			5.0	5.0	04/22/05	semiannual	65
Oct-05	5.00	5	5			5.0	5.0	10/07/05	semiannual	66
May-06	5.80	5	5			5.4	5.4	05/11/06	semiannual	67
Oct-06	5.80	5	5			5.8	5.8	10/18/06	semiannual	68
May-07	5.80	5	5			5.8	5.8	05/22/07	semiannual	69
Oct-07	5.80	5	5			5.8	5.8	10/25/07	semiannual	70
May-08	5.80	5	5			5.8	5.8	05/13/08	semiannual	71
Oct-08	5.80	5	5			5.8	5.8	10/23/08	semiannual	72
May-09	5.00	5	5			5.4	5.4	05/09/09	semiannual	73
Oct-09	5.00	5	5			5.0	5.0	10/29/09	semiannual	74
May-10	5.00	5	5			5.0	5.0	05/20/10	semiannual	75
Oct-10	5.00	5	5			5.0	5.0	10/18/10	semiannual	76
Jun-11	2.00	5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5.00	5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2.00	5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2.00	5	2			2.0	2.0	10/11/12	semiannual	80
May-13	2.00	5	2			2.0	2.0	05/17/13	semiannual	81
Oct-13	2.00	5	2			2.0	2.0	10/11/13	semiannual	82
May-14	10.00	5	10			6.0	6.0	05/05/14	semiannual	83
Oct-14	2.00	5	2			6.0	6.0	10/06/14	semiannual	84
Jul-15	1.00	5	1			1.5	1.5	07/09/15	semiannual	85
Jul-16	5.00	5	5			3.0	3.0	07/20/16	Annual	86
Sep-17	1.20	5	2.5			3.1	3.1	09/22/17	Annual	87
Jul-18	2.50	5	2.5			1.9	1.9	07/24/18	Annual	88
Aug-19	2.50	5	2.5			2.5	2.5	08/06/19	Annual	89
Sep-20	2.50	5	2.5			2.5	2.5	09/04/20	Annual	90
Aug-21	2.50	5	2.5			2.5	2.5	08/03/21	Annual	91
Aug-22	2.50	5	2.5			2.5	2.5	08/30/22	Annual	91
Aug-23	2.50	5	2.5			2.5	2.5	08/15/23	Annual	92

MOVING AVERAGE TREND TEST
VDM-10
TETRACHLOROETHENE



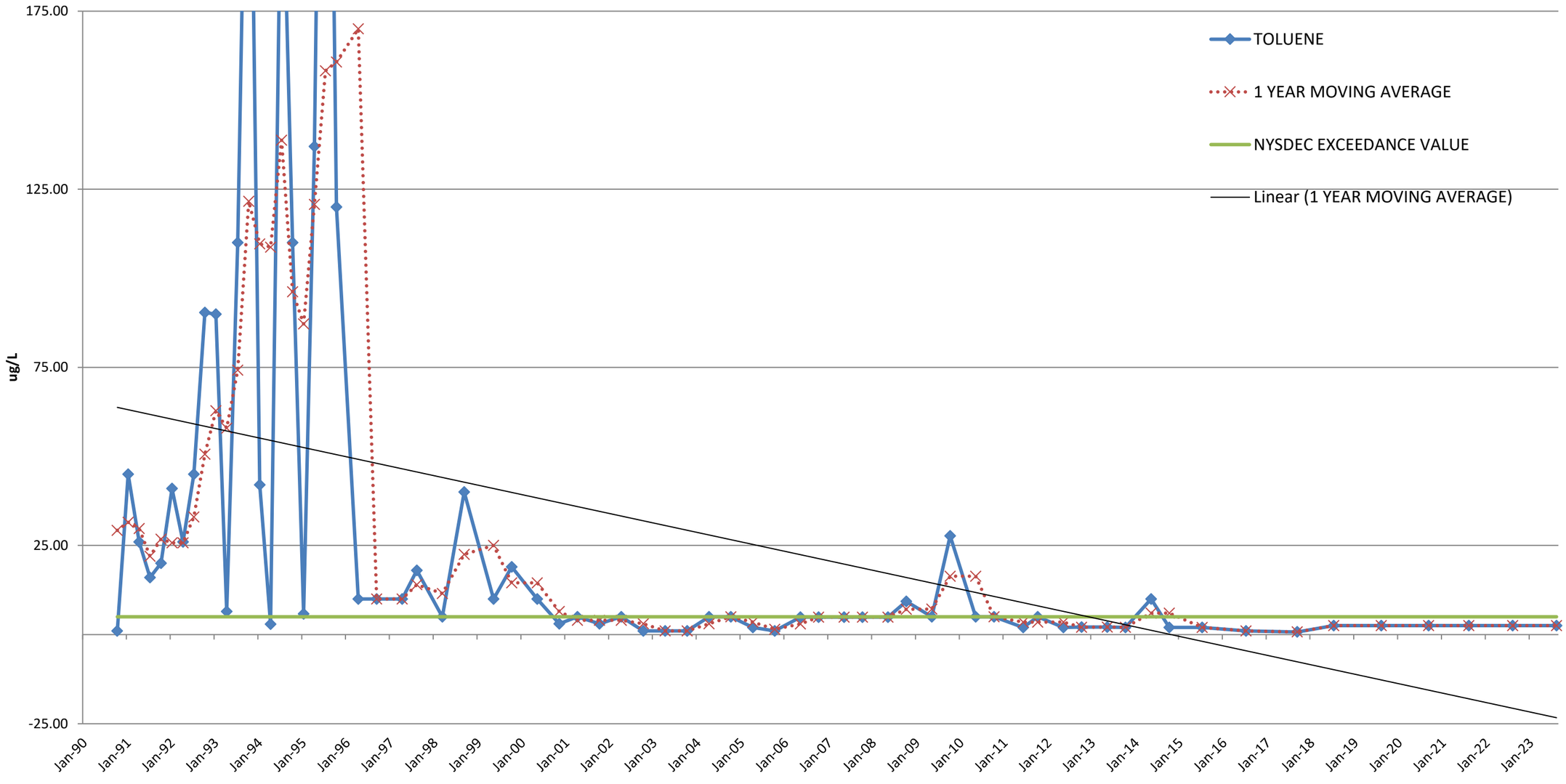
WELL VDM - 10 : TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-	-	-	----------	-	-				-
Jul-84	1.00	5	5	TOTAL STD	2.807804					1
Oct-84	1.00	5	5	TOTAL Sx	0.319979					2
Jan-85	5.00	5	5	TOTAL MEAN	3.823077					3
Apr-85	5.00	5	5	TOTAL N	78	3.00				4
Jul-85	5.00	5	5	TOTAL df	77	4.00				5
Oct-85	10.00	5	5			6.25				6
Jan-86	5.00	5	5			6.25				7
Apr-86	5.00	5	5			6.25				8
Jul-86	5.00	5	5			6.25				9
Oct-86	1.00	5	5			4.00				10
Jan-87	1.00	5	5			3.00				11
Apr-87	1.00	5	5			2.00				12
Jul-87	1.00	5	5			1.00				13
Oct-87	1.00	5	5			1.00				14
Jan-88	1.00	5	5			1.00				15
Apr-88	1.00	5	5			1.00				16
Jul-88	1.00	5	5			1.00				17
Oct-88	1.00	5	5			1.00				18
Jan-89	1.00	5	5			1.00				19
Apr-89	1.00	5	5			1.00				20
Jul-89	1.00	5	5			1.00				21
Oct-89	1.00	5	5			1.00				22
Jan-90	1.00	5	5			1.00				23
Apr-90	1.00	5	5			1.00				24
Jul-90	1.00	5	5			1.00				25
Oct-90	1.00	5	5			1.00				26
Jan-91	10.00	5	5			3.25				27
Apr-91	2.00	5	5			3.50				28
Jul-91	2.00	5	5			3.75				29
Oct-91	2.00	5	5			4.00				30
Jan-92	2.00	5	5			2.00				31
Apr-92	1.00	5	5			1.75				32
Jul-92	1.00	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	1.50	5	5			1.25				36
Jul-93	2.50	5	5			1.63				37
Oct-93	2.50	5	5			1.94				38
Jan-94	2.50	5	5			2.25				39
Apr-94	2.50	5	5			2.50				40
Jul-94	2.50	5	5			2.50				41
Oct-94	2.50	5	5			2.50				42
Jan-95	7.90	5	5			3.85				43
Apr-95	2.50	5	5			4.30				44
Jul-95	2.50	5	5			3.85				45
Oct-95	2.50	5	2.5			3.85				46
Apr-96	10.00	5	10			5.00				47
Sep-96	10.00	5	10			10.00	10.00	09/17/96	semiannual	48
Apr-97	10.00	5	10			10.00	10.00	04/03/97	semiannual	49
Aug-97	10.00	5	10			10.00	10.00	08/27/97	semiannual	50
Mar-98	5.00	5	5			7.50	7.50	03/24/98	semiannual	51
Sep-98	5.00	5	5			5.00	5.00	09/22/98	semiannual	52
May-99	10.00	5	10			7.50	7.50	05/11/99	semiannual	53
Oct-99	10.00	5	10			10.00	10.00	10/05/99	semiannual	54
May-00	10.00	5	10			10.00	10.00	05/16/00	semiannual	55
Nov-00	2.00	5	5			6.00	6.00	11/28/00	semiannual	56
Apr-01	5.00	5	5			3.50	3.50	04/04/01	semiannual	57
Oct-01	5.00	5	5			5.00	5.00	10/18/01	semiannual	58
Apr-02	5.00	5	5			5.00	5.00	04/18/02	semiannual	59
Oct-02	5.00	5	5			5.00	5.00	10/03/02	semiannual	60
Apr-03	5.00	5	5			5.00	5.00	04/25/03	semiannual	61
Oct-03	5.00	5	5			5.00	5.00	10/03/03	semiannual	62
Apr-04	5.00	5	5			5.00	5.00	04/01/04	semiannual	63
Oct-04	5.00	5	5			5.00	5.00	10/19/04	semiannual	64

WELL VDM - 10 : TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Apr-05	5.00	5	5			5.00	5.00	04/22/05	semiannual	65
Oct-05	5.00	5	5			5.00	5.00	10/07/05	semiannual	66
May-06	4.30	5	5			4.65	4.65	05/11/06	semiannual	67
Oct-06	4.30	5	5			4.30	4.30	10/18/06	semiannual	68
May-07	4.30	5	5			4.30	4.30	05/22/07	semiannual	69
Oct-07	4.30	5	5			4.30	4.30	10/25/07	semiannual	70
May-08	4.30	5	5			4.30	4.30	05/13/08	semiannual	71
Oct-08	4.30	5	5			4.30	4.30	10/23/08	semiannual	72
May-09	5.00	5	5			4.65	4.65	05/09/09	semiannual	73
Oct-09	5.00	5	5			5.00	5.00	10/29/09	semiannual	74
May-10	5.00	5	5			5.00	5.00	05/20/10	semiannual	75
Oct-10	5.00	5	5			5.00	5.00	10/18/10	semiannual	76
Jun-11	2.00	5	2			3.50	3.50	06/02/11	semiannual	77
Oct-11	5.00	5	5			3.50	3.50	10/12/11	semiannual	78
May-12	2.00	5	2			3.50	3.50	05/18/12	semiannual	79
Oct-12	2.00	5	2			2.00	2.00	10/11/12	semiannual	80
May-13	2.00	5	2			2.00	2.00	05/17/13	semiannual	81
Oct-13	2.00	5	2			2.00	2.00	10/11/13	semiannual	82
May-14	10.00	5	10			6.00	6.00	05/05/14	semiannual	83
Oct-14	2.00	5	2			6.00	6.00	10/06/14	semiannual	84
Jul-15	2.00	5	2			2.00	2.00	07/09/15	semiannual	85
Jul-16	1.50	5	1.5			1.75	1.75	07/20/16	Annual	86
Sep-17	0.50	5	0.5			1.00	1.00	09/22/17	Annual	87
Jul-18	0.50	5	0.5			0.50	0.50	07/24/18	Annual	88
Aug-19	0.50	5	0.5			0.50	0.50	08/06/19	Annual	89
Sep-20	0.50	5	0.5			0.50	0.50	09/04/20	Annual	90
Aug-21	0.50	5	0.5			0.50	0.50	08/03/21	Annual	91
Aug-22	0.50	5	0.5			0.50	0.50	08/30/22	Annual	91
Aug-23	0.50	5	0.5			0.50	0.50	08/15/23	Annual	92

MOVING AVERAGE TREND TEST
VDM-10
TOLUENE



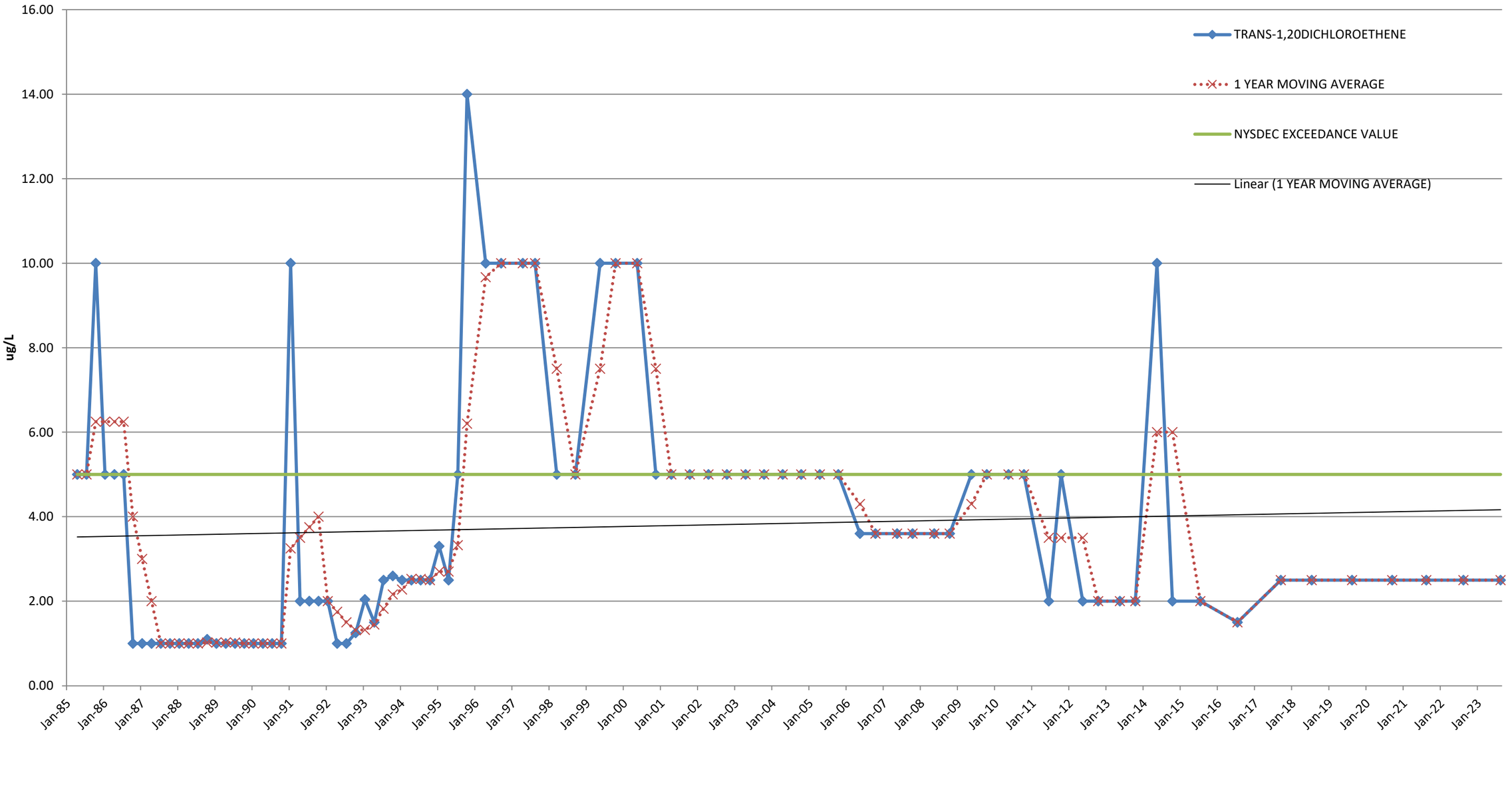
WELL VDM - 10 : TOLUENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-	-	-	----------	-	-				-
Jul-84		5	5	TOTAL STD	64.76767					1
Oct-84		5	5	TOTAL Sx	7.741217					2
Jan-85		5	5	TOTAL MEAN	31.36535					3
Apr-85		5	5	TOTAL N	71					4
Jul-85		5	5	TOTAL df	70					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	36.00	5	5							23
Apr-90	33.00	5	5							24
Jul-90	47.00	5	5							25
Oct-90	1.00	5	5			29.3				26
Jan-91	45.00	5	5			31.5				27
Apr-91	26.00	5	5			29.8				28
Jul-91	16.00	5	5			22.0				29
Oct-91	20.00	5	5			26.8				30
Jan-92	41.00	5	5			25.8				31
Apr-92	26.00	5	5			25.8				32
Jul-92	45.00	5	5			33.0				33
Oct-92	90.40	5	5			50.6				34
Jan-93	89.90	5	5			62.8				35
Apr-93	6.50	5	5			58.0				36
Jul-93	110.00	5	5			74.2				37
Oct-93	280.00	5	5			121.6				38
Jan-94	42.00	5	5			109.6				39
Apr-94	2.90	5	5			108.7				40
Jul-94	230.00	5	5			138.7				41
Oct-94	110.00	5	5			96.2				42
Jan-95	5.80	5	5			87.2				43
Apr-95	137.00	5	5			120.7				44
Jul-95	380.00	5	5			158.2				45
Oct-95	120.00	5	2			160.7				46
Apr-96	10.00	5	10			170.0				47
Sep-96	10.00	5	10			10.0	10.0	09/17/96	semiannual	48
Apr-97	10.00	5	10			10.0	10.0	04/03/97	semiannual	49
Aug-97	18.00	5	10			14.0	14.0	08/27/97	semiannual	50
Mar-98	5.00	5	5			11.5	11.5	03/24/98	semiannual	51
Sep-98	40.00	5	5			22.5	22.5	09/22/98	semiannual	52
May-99	10.00	5	10			25.0	25.0	05/11/99	semiannual	53
Oct-99	19.00	5	10			14.5	14.5	10/05/99	semiannual	54
May-00	10.00	5	10			14.5	14.5	05/16/00	semiannual	55
Nov-00	3.00	5	5			6.5	6.5	11/28/00	semiannual	56
Apr-01	5.00	5	5			4.0	4.0	04/04/01	semiannual	57
Oct-01	3.00	5	5			4.0	4.0	10/18/01	semiannual	58
Apr-02	5.00	5	5			4.0	4.0	04/18/02	semiannual	59
Oct-02	1.00	5	5			3.0	3.0	10/03/02	semiannual	60
Apr-03	1.00	5	5			1.0	1.0	04/25/03	semiannual	61
Oct-03	1.00	5	5			1.0	1.0	10/03/03	semiannual	62
Apr-04	5.00	5	5			3.0	3.0	04/01/04	semiannual	63
Oct-04	5.00	5	5			5.0	5.0	10/19/04	semiannual	64

WELL VDM - 10 : TOLUENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Apr-05	2.00	5	5			3.5	3.5	04/22/05	semiannual	65
Oct-05	1.00	5	5			1.5	1.5	10/07/05	semiannual	66
May-06	4.90	5	5			3.0	3.0	05/11/06	semiannual	67
Oct-06	4.90	5	5			4.9	4.9	10/18/06	semiannual	68
May-07	4.90	5	5			4.9	4.9	05/22/07	semiannual	69
Oct-07	4.90	5	5			4.9	4.9	10/25/07	semiannual	70
May-08	4.90	5	5			4.9	4.9	05/14/08	semiannual	71
Oct-08	9.30	5	5			7.1	7.1	10/23/08	semiannual	72
May-09	5.00	5	5			7.2	7.2	05/12/09	semiannual	73
Oct-09	27.70	5	5			16.4	16.4	05/13/09	semiannual	74
May-10	5.00	5	5			16.4	16.4	05/14/09	semiannual	75
Oct-10	5.00	5	5			5.0	5.0	05/15/09	semiannual	76
Jun-11	2.00	5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5.00	5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2.00	5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2.10	5	2			2.1	2.1	10/11/12	semiannual	80
May-13	2.10	5	2			2.1	2.1	05/17/13	semiannual	81
Oct-13	2.00	5	2			2.1	2.1	10/11/13	semiannual	82
May-14	10.00	5	10			6.0	6.0	05/05/14	semiannual	83
Oct-14	2.00	5	2			6.0	6.0	10/06/14	semiannual	84
Jul-15	2.00	5	2			2.0	2.0	07/09/15	semiannual	85
Jul-16	1.00	5	1			1.0	1.5	07/20/16	Annual	86
Sep-17	0.74	5	2.5			0.7	0.9	09/22/17	Annual	87
Jul-18	2.50	5	2.5			2.5	1.6	07/24/18	Annual	88
Aug-19	2.50	5	2.5			2.5	2.5	08/06/19	Annual	89
Sep-20	2.50	5	2.5			2.5	2.5	09/04/20	Annual	90
Aug-21	2.50	5	2.5			2.5	2.5	08/03/21	Annual	91
Aug-22	2.50	5	2.5			2.5	2.5	08/30/22	Annual	92
Aug-23	2.50	5	2.5			2.5	2.5	08/15/23	Annual	92

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



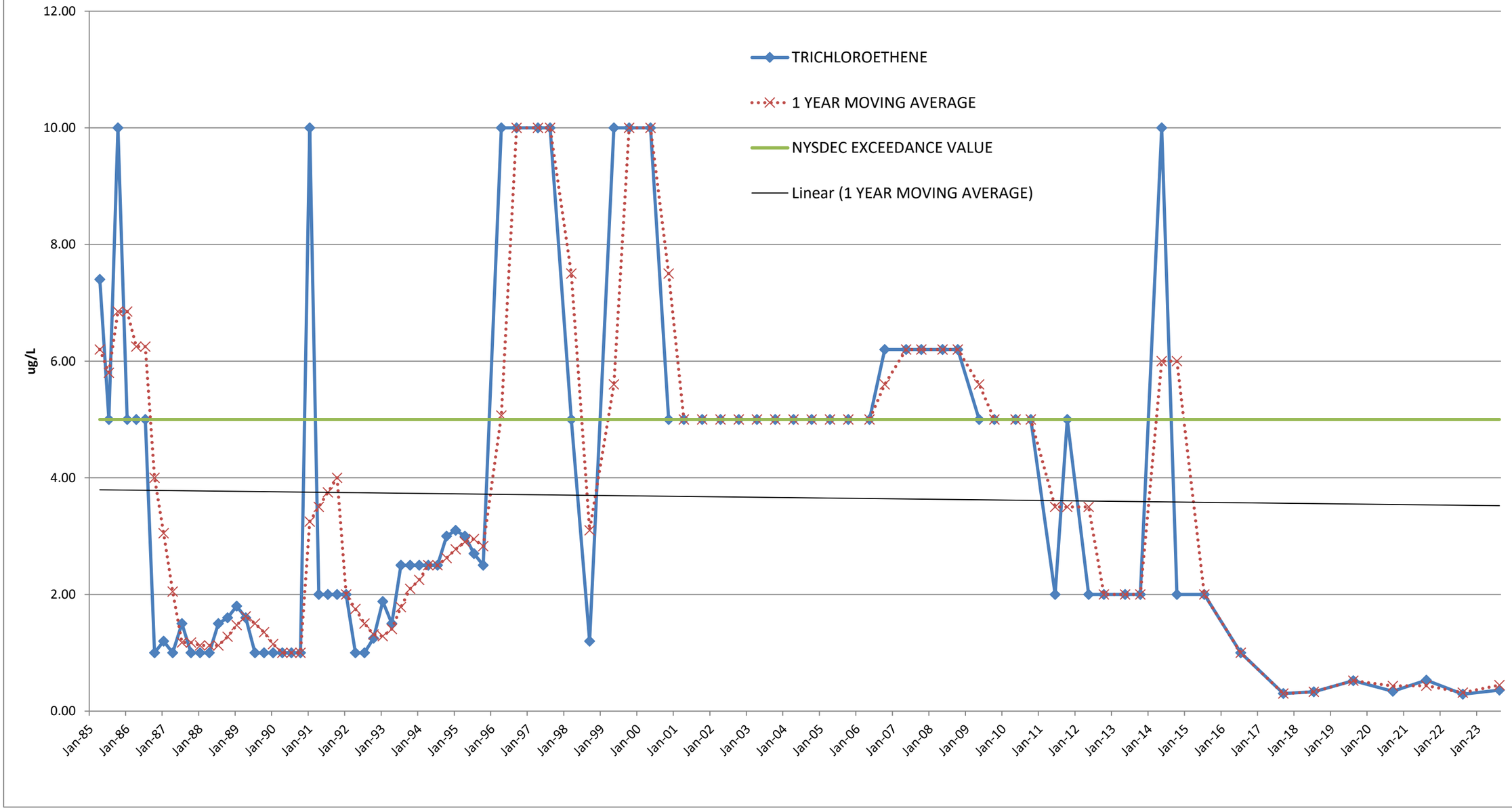
WELL VDM - 10 : TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Jul-84		5	5	TOTAL STD	2.875754					1
Oct-84		5	5	TOTAL Sx	0.303131					2
Jan-85	5.00	5	5	TOTAL MEAN	3.806484					3
Apr-85	5.00	5	5	TOTAL N	91	5.0				4
Jul-85	5.00	5	5	TOTAL df	90	5.0				5
Oct-85	10.00	5	5			6.3				6
Jan-86	5.00	5	5			6.3				7
Apr-86	5.00	5	5			6.3				8
Jul-86	5.00	5	5			6.3				9
Oct-86	1.00	5	5			4.0				10
Jan-87	1.00	5	5			3.0				11
Apr-87	1.00	5	5			2.0				12
Jul-87	1.00	5	5			1.0				13
Oct-87	1.00	5	5			1.0				14
Jan-88	1.00	5	5			1.0				15
Apr-88	1.00	5	5			1.0				16
Jul-88	1.00	5	5			1.0				17
Oct-88	1.10	5	5			1.0				18
Jan-89	1.00	5	5			1.0				19
Apr-89	1.00	5	5			1.0				20
Jul-89	1.00	5	5			1.0				21
Oct-89	1.00	5	5			1.0				22
Jan-90	1.00	5	5			1.0				23
Apr-90	1.00	5	5			1.0				24
Jul-90	1.00	5	5			1.0				25
Oct-90	1.00	5	5			1.0				26
Jan-91	10.00	5	5			3.3				27
Apr-91	2.00	5	5			3.5				28
Jul-91	2.00	5	5			3.8				29
Oct-91	2.00	5	5			4.0				30
Jan-92	2.00	5	5			2.0				31
Apr-92	1.00	5	5			1.8				32
Jul-92	1.00	5	5			1.5				33
Oct-92	1.25	5	5			1.3				34
Jan-93	2.04	5	5			1.3				35
Apr-93	1.50	5	5			1.4				36
Jul-93	2.50	5	5			1.8				37
Oct-93	2.60	5	5			2.2				38
Jan-94	2.50	5	5			2.3				39
Apr-94	2.50	5	5			2.5				40
Jul-94	2.50	5	5			2.5				41
Oct-94	2.50	5	5			2.5				42
Jan-95	3.30	5	5			2.7				43
Apr-95	2.50	5	5			2.7				44
Jul-95	5.00	5	5			3.3				45
Oct-95	14.00	5	1			6.2				46
Apr-96	10.00	5	10			9.7				47
Sep-96	10.00	5	10			10.0	10.0	09/17/96	semiannual	48
Apr-97	10.00	5	10			10.0	10.0	04/03/97	semiannual	49
Aug-97	10.00	5	10			10.0	10.0	08/27/97	semiannual	50
Mar-98	5.00	5	5			7.5	7.5	03/24/98	semiannual	51
Sep-98	5.00	5	5			5.0	5.0	09/22/98	semiannual	52
May-99	10.00	5	10			7.5	7.5	05/11/99	semiannual	53
Oct-99	10.00	5	10			10.0	10.0	10/05/99	semiannual	54
May-00	10.00	5	10			10.0	10.0	05/16/00	semiannual	55
Nov-00	5.00	5	5			7.5	7.5	11/28/00	semiannual	56
Apr-01	5.00	5	5			5.0	5.0	04/04/01	semiannual	57
Oct-01	5.00	5	5			5.0	5.0	10/18/01	semiannual	58
Apr-02	5.00	5	5			5.0	5.0	04/18/02	semiannual	59
Oct-02	5.00	5	5			5.0	5.0	10/03/02	semiannual	60
Apr-03	5.00	5	5			5.0	5.0	04/25/03	semiannual	61
Oct-03	5.00	5	5			5.0	5.0	10/03/03	semiannual	62
Apr-04	5.00	5	5			5.0	5.0	04/01/04	semiannual	63
Oct-04	5.00	5	5			5.0	5.0	10/19/04	semiannual	64
Apr-05	5.00	5	5			5.0	5.0	04/22/05	semiannual	65

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

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-05	5.00	5	5			5.0	5.0	10/07/05	semiannual	66
May-06	3.60	5	5			4.3	4.3	05/11/06	semiannual	67
Oct-06	3.60	5	5			3.6	3.6	10/18/06	semiannual	68
May-07	3.60	5	5			3.6	3.6	05/22/07	semiannual	69
Oct-07	3.60	5	5			3.6	3.6	10/25/07	semiannual	70
May-08	3.60	5	5			3.6	3.6	05/13/08	semiannual	71
Oct-08	3.60	5	5			3.6	3.6	10/23/08	semiannual	72
May-09	5.00	5	5			4.3	4.3	05/12/09	semiannual	73
Oct-09	5.00	5	5			5.0	5.0	10/29/09	semiannual	74
May-10	5.00	5	5			5.0	5.0	05/01/10	semiannual	75
Oct-10	5.00	5	5			5.0	5.0	10/01/10	semiannual	76
Jun-11	2.00	5	2			3.5	3.5	06/02/11	semiannual	77
Oct-11	5.00	5	5			3.5	3.5	10/12/11	semiannual	78
May-12	2.00	5	2			3.5	3.5	05/18/12	semiannual	79
Oct-12	2.00	5	2			2.0	2.0	10/11/12	semiannual	80
May-13	2.00	5	2			2.0	2.0	05/17/13	semiannual	81
Oct-13	2.00	5	2			2.0	2.0	10/11/13	semiannual	82
May-14	10.00	5	10			6.0	6.0	05/05/14	semiannual	83
Oct-14	2.00	5	2			6.0	6.0	10/06/14	semiannual	84
Jul-15	2.00	5	2			2.0	2.0	07/09/15	semiannual	85
Jul-16	1.50	5	1.5			1.5	1.8	07/20/16	Annual	86
Sep-17	2.50	5	2.5			2.5	2.0	09/22/17	Annual	87
Jul-18	2.50	5	2.5			2.5	2.5	07/24/18	Annual	88
Aug-19	2.50	5	2.5			2.5	2.5	08/06/19	Annual	89
Sep-20	2.50	5	2.5			2.5	2.5	09/04/20	Annual	90
Aug-21	2.50	5	2.5			2.5	2.5	08/03/21	Annual	91
Aug-22	2.50	5	2.5			2.5	2.5	08/30/22	Annual	91
Aug-23	2.50	5	2.5			2.5	2.5	08/30/22	Annual	92

MOVING AVERAGE TREND TEST
VDM-10
TRICHLOROETHENE



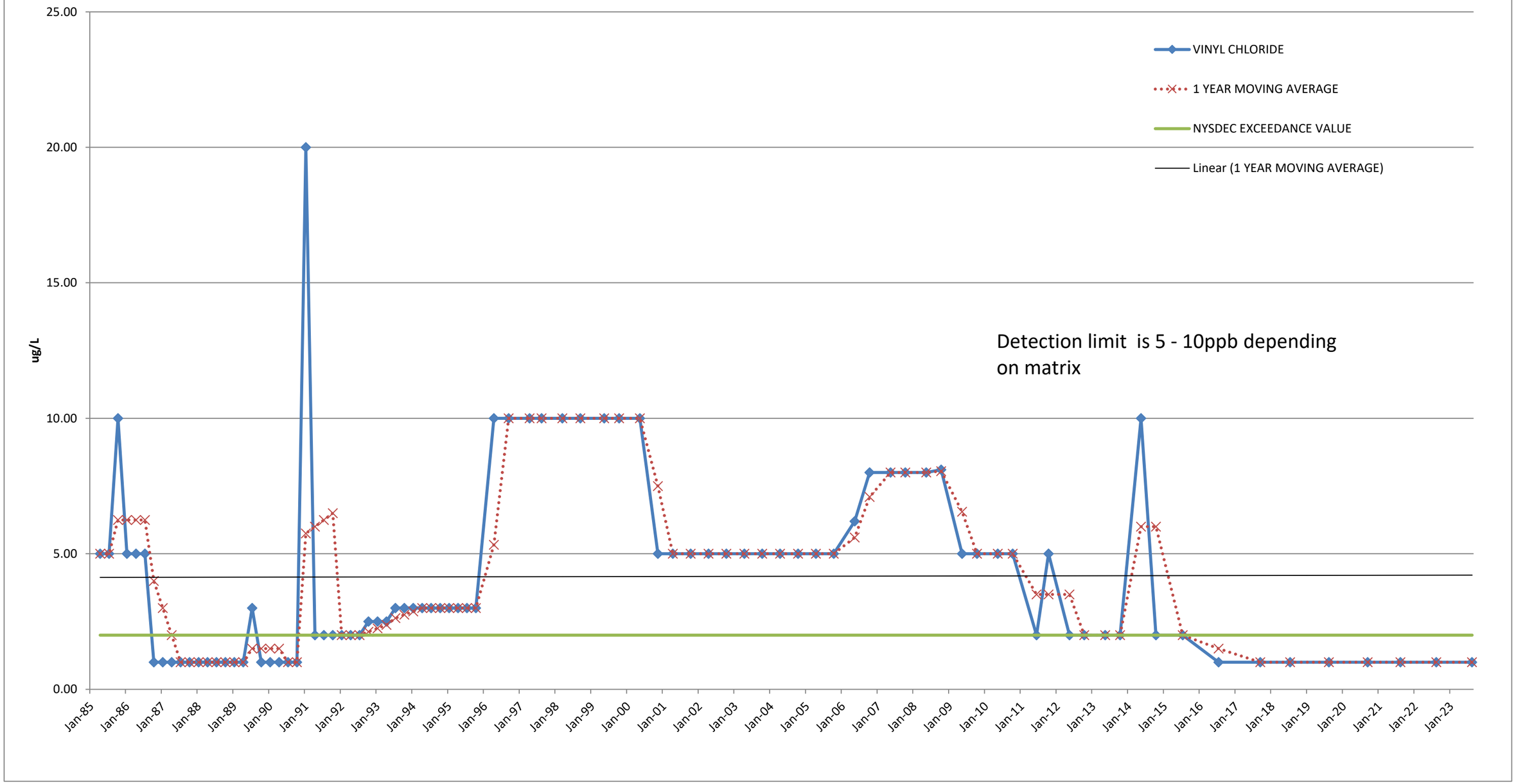
WELL VDM - 10 : TRICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-	-	-	-	-	-				-
Jul-84		5	5	TOTAL STD	2.873468					1
Oct-84		5	5	TOTAL Sx	0.30289					2
Jan-85	5.00	5	5	TOTAL MEAN	3.669231					3
Apr-85	7.40	5	5	TOTAL N	91	6.20				4
Jul-85	5.00	5	5	TOTAL df	90	5.80				5
Oct-85	10.00	5	5			6.85				6
Jan-86	5.00	5	5			6.85				7
Apr-86	5.00	5	5			6.25				8
Jul-86	5.00	5	5			6.25				9
Oct-86	1.00	5	5			4.00				10
Jan-87	1.20	5	5			3.05				11
Apr-87	1.00	5	5			2.05				12
Jul-87	1.50	5	5			1.18				13
Oct-87	1.00	5	5			1.18				14
Jan-88	1.00	5	5			1.13				15
Apr-88	1.00	5	5			1.13				16
Jul-88	1.50	5	5			1.13				17
Oct-88	1.60	5	5			1.28				18
Jan-89	1.80	5	5			1.48				19
Apr-89	1.60	5	5			1.63				20
Jul-89	1.00	5	5			1.50				21
Oct-89	1.00	5	5			1.35				22
Jan-90	1.00	5	5			1.15				23
Apr-90	1.00	5	5			1.00				24
Jul-90	1.00	5	5			1.00				25
Oct-90	1.00	5	5			1.00				26
Jan-91	10.00	5	5			3.25				27
Apr-91	2.00	5	5			3.50				28
Jul-91	2.00	5	5			3.75				29
Oct-91	2.00	5	5			4.00				30
Jan-92	2.00	5	5			2.00				31
Apr-92	1.00	5	5			1.75				32
Jul-92	1.00	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	1.50	5	5			1.41				36
Jul-93	2.50	5	5			1.78				37
Oct-93	2.50	5	5			2.10				38
Jan-94	2.50	5	5			2.25				39
Apr-94	2.50	5	5			2.50				40
Jul-94	2.50	5	5			2.50				41
Oct-94	3.00	5	5			2.63				42
Jan-95	3.10	5	5			2.78				43
Apr-95	3.00	5	5			2.90				44
Jul-95	2.70	5	5			2.95				45
Oct-95	2.50	5	2.5			2.83				46
Apr-96	10.00	5	10			5.07				47
Sep-96	10.00	5	10			10.00	10.00	09/17/96	semiannual	48
Apr-97	10.00	5	10			10.00	10.00	04/03/97	semiannual	49
Aug-97	10.00	5	10			10.00	10.00	08/27/97	semiannual	50
Mar-98	5.00	5	5			7.50	7.50	03/24/98	semiannual	51
Sep-98	1.20	5	5			3.10	3.10	09/22/98	semiannual	52
May-99	10.00	5	10			5.60	5.60	05/11/99	semiannual	53
Oct-99	10.00	5	10			10.00	10.00	10/05/99	semiannual	54
May-00	10.00	5	10			10.00	10.00	05/16/00	semiannual	55
Nov-00	5.00	5	5			7.50	7.50	11/28/00	semiannual	56
Apr-01	5.00	5	5			5.00	5.00	04/04/01	semiannual	57
Oct-01	5.00	5	5			5.00	5.00	10/18/01	semiannual	58
Apr-02	5.00	5	5			5.00	5.00	04/18/02	semiannual	59
Oct-02	5.00	5	5			5.00	5.00	10/03/02	semiannual	60
Apr-03	5.00	5	5			5.00	5.00	04/25/03	semiannual	61
Oct-03	5.00	5	5			5.00	5.00	10/03/03	semiannual	62
Apr-04	5.00	5	5			5.00	5.00	04/01/04	semiannual	63
Oct-04	5.00	5	5			5.00	5.00	10/19/04	semiannual	64

WELL VDM - 10 : TRICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Apr-05	5.00	5	5			5.00	5.00	04/22/05	semiannual	65
Oct-05	5.00	5	5			5.00	5.00	10/07/05	semiannual	66
May-06	5.00	5	5			5.00	5.00	05/11/06	semiannual	67
Oct-06	6.20	5	5			5.60	5.60	10/18/06	semiannual	68
May-07	6.20	5	5			6.20	6.20	05/22/07	semiannual	69
Oct-07	6.20	5	5			6.20	6.20	10/25/07	semiannual	70
May-08	6.20	5	5			6.20	6.20	05/13/08	semiannual	71
Oct-08	6.20	5	5			6.20	6.20	10/18/09	semiannual	72
May-09	5.00	5	5			5.60	5.60	05/09/09	semiannual	73
Oct-09	5.00	5	5			5.00	5.00	10/29/09	semiannual	74
May-10	5.00	5	5			5.00	5.00	05/20/10	semiannual	75
Oct-10	5.00	5	5			5.00	5.00	10/18/10	semiannual	76
Jun-11	2.00	5	2			3.50	3.50	06/02/11	semiannual	77
Oct-11	5.00	5	5			3.50	3.50	10/12/11	semiannual	78
May-12	2.00	5	2			3.50	3.50	05/18/12	semiannual	79
Oct-12	2.00	5	2			2.00	2.00	10/11/12	semiannual	80
May-13	2.00	5	2			2.00	2.00	05/17/13	semiannual	81
Oct-13	2.00	5	2			2.00	2.00	10/11/13	semiannual	82
May-14	10.00	5	10			6.00	6.00	05/05/14	semiannual	83
Oct-14	2.00	5	2			6.00	6.00	10/06/14	semiannual	84
Jul-15	2.00	5	2			2.00	2.00	07/09/15	semiannual	85
Jul-16	1.00	5	1			1.00	1.50	07/20/16	Annual	86
Sep-17	0.30	5	0.5			0.30	0.65	09/22/17	Annual	87
Jul-18	0.33	5	0.5			0.33	0.32	07/24/18	Annual	88
Aug-19	0.52	5	0.5			0.52	0.43	08/06/19	Annual	89
Sep-20	0.34	5	0.5			0.43	0.43	09/04/20	Annual	90
Aug-21	0.53	5	0.5			0.44	0.44	08/03/21	Annual	91
Aug-22	0.29	5	0.5			0.32	0.32	08/30/22	Annual	91
Aug-23	0.36	5	0.5			0.45	0.45	08/15/23	Annual	92

MOVING AVERAGE TREND TEST
VDM-10
VINYL CHLORIDE



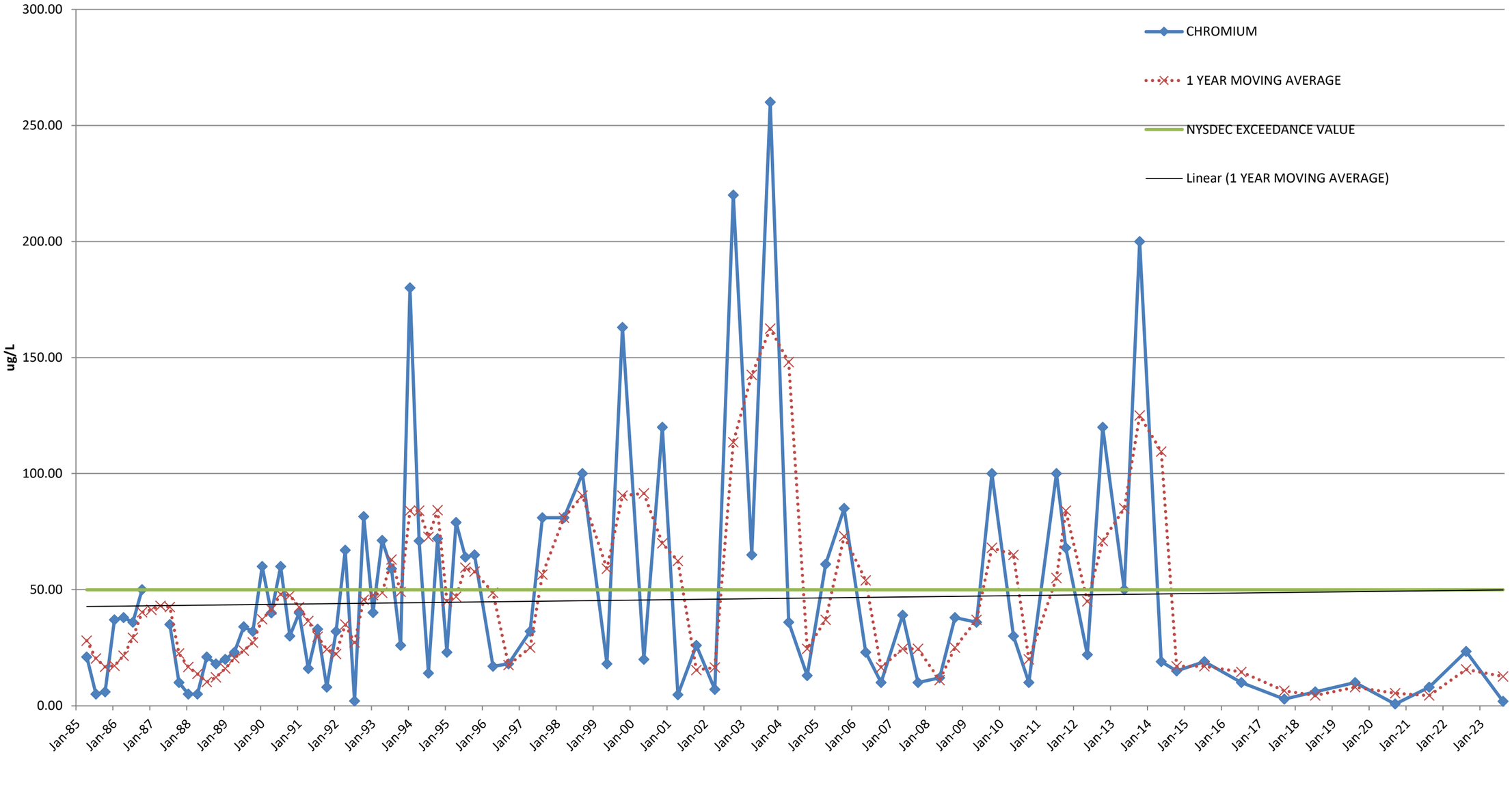
WELL VDM - 10 : VINYL CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-	-	-	----------	-	-				-
Jul-84		2	2	TOTAL STD	3.386462					1
Oct-84		2	2	TOTAL Sx	0.356964					2
Jan-85	5.00	2	2	TOTAL MEAN	4.140659					3
Apr-85	5.00	2	2	TOTAL N	91	5.00				4
Jul-85	5.00	2	2	TOTAL df	90	5.00				5
Oct-85	10.00	2	2			6.25				6
Jan-86	5.00	2	2			6.25				7
Apr-86	5.00	2	2			6.25				8
Jul-86	5.00	2	2			6.25				9
Oct-86	1.00	2	2			4.00				10
Jan-87	1.00	2	2			3.00				11
Apr-87	1.00	2	2			2.00				12
Jul-87	1.00	2	2			1.00				13
Oct-87	1.00	2	2			1.00				14
Jan-88	1.00	2	2			1.00				15
Apr-88	1.00	2	2			1.00				16
Jul-88	1.00	2	2			1.00				17
Oct-88	1.00	2	2			1.00				18
Jan-89	1.00	2	2			1.00				19
Apr-89	1.00	2	2			1.00				20
Jul-89	3.00	2	2			1.50				21
Oct-89	1.00	2	2			1.50				22
Jan-90	1.00	2	2			1.50				23
Apr-90	1.00	2	2			1.50				24
Jul-90	1.00	2	2			1.00				25
Oct-90	1.00	2	2			1.00				26
Jan-91	20.00	2	2			5.75				27
Apr-91	2.00	2	2			6.00				28
Jul-91	2.00	2	2			6.25				29
Oct-91	2.00	2	2			6.50				30
Jan-92	2.00	2	2			2.00				31
Apr-92	2.00	2	2			2.00				32
Jul-92	2.00	2	2			2.00				33
Oct-92	2.50	2	2			2.13				34
Jan-93	2.50	2	2			2.25				35
Apr-93	2.50	2	2			2.38				36
Jul-93	3.00	2	2			2.63				37
Oct-93	3.00	2	2			2.75				38
Jan-94	3.00	2	2			2.88				39
Apr-94	3.00	2	2			3.00				40
Jul-94	3.00	2	2			3.00				41
Oct-94	3.00	2	2			3.00				42
Jan-95	3.00	2	2			3.00				43
Apr-95	3.00	2	2			3.00				44
Jul-95	3.00	2	2			3.00				45
Oct-95	3.00	2	3			3.00				46
Apr-96	10.00	2	10			5.33				47
Sep-96	10.00	2	10			10.00	10.00	09/17/96	semiannual	48
Apr-97	10.00	2	10			10.00	10.00	04/03/97	semiannual	49
Aug-97	10.00	2	10			10.00	10.00	08/27/97	semiannual	50
Mar-98	10.00	2	10			10.00	10.00	03/24/98	semiannual	51
Sep-98	10.00	2	10			10.00	10.00	09/22/98	semiannual	52
May-99	10.00	2	10			10.00	10.00	05/11/99	semiannual	53
Oct-99	10.00	2	10			10.00	10.00	10/05/99	semiannual	54
May-00	10.00	2	10			10.00	10.00	05/16/00	semiannual	55
Nov-00	5.00	2	5			7.50	7.50	11/28/00	semiannual	56
Apr-01	5.00	2	5			5.00	5.00	04/04/01	semiannual	57
Oct-01	5.00	2	5			5.00	5.00	10/18/01	semiannual	58
Apr-02	5.00	2	5			5.00	5.00	04/18/02	semiannual	59
Oct-02	5.00	2	5			5.00	5.00	10/03/02	semiannual	60
Apr-03	5.00	2	5			5.00	5.00	04/25/03	semiannual	61
Oct-03	5.00	2	5			5.00	5.00	10/03/03	semiannual	62
Apr-04	5.00	2	5			5.00	5.00	04/01/04	semiannual	63
Oct-04	5.00	2	5			5.00	5.00	10/19/04	semiannual	64

WELL VDM - 10 : VINYL CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Apr-05	5.00	2	5			5.00	5.00	04/22/05	semiannual	65
Oct-05	5.00	2	5			5.00	5.00	10/07/05	semiannual	66
May-06	6.20	2	5			5.60	5.60	05/11/06	semiannual	67
Oct-06	8.00	2	5			7.10	7.10	10/18/06	semiannual	68
May-07	8.00	2	5			8.00	8.00	05/22/07	semiannual	69
Oct-07	8.00	2	5			8.00	8.00	10/25/07	semiannual	70
May-08	8.00	2	5			8.00	8.00	05/13/08	semiannual	71
Oct-08	8.10	2	5			8.05	8.05	10/18/08	semiannual	72
May-09	5.00	2	5			6.55	6.55	05/12/09	semiannual	73
Oct-09	5.00	2	5			5.00	5.00	10/29/09	semiannual	74
May-10	5.00	2	5			5.00	5.00	05/20/10	semiannual	75
Oct-10	5.00	2	5			5.00	5.00	10/18/10	semiannual	76
Jun-11	2.00	2	2			3.50	3.50	06/02/11	semiannual	77
Oct-11	5.00	2	5			3.50	3.50	10/12/11	semiannual	78
May-12	2.00	2	2			3.50	3.50	05/18/12	semiannual	79
Oct-12	2.00	2	2			2.00	2.00	10/11/12	semiannual	80
May-13	2.00	2	2			2.00	2.00	05/17/13	semiannual	81
Oct-13	2.00	2	2			2.00	2.00	10/11/13	semiannual	82
May-14	10.00	2	10			6.00	6.00	05/05/14	semiannual	83
Oct-14	2.00	2	2			6.00	6.00	10/06/14	semiannual	84
Jul-15	2.00	2	2			2.00	2.00	07/09/15	semiannual	85
Jul-16	1.00	2	1			1.50	1.50	07/20/16	Annual	86
Sep-17	1.00	2	1			1.00	1.00	09/22/17	Annual	87
Jul-18	1.00	2	1			1.00	1.00	07/24/18	Annual	88
Aug-19	1.00	2	1			1.00	1.00	08/06/19	Annual	89
Sep-20	1.00	2	1			1.00	1.00	09/04/20	Annual	90
Aug-21	1.00	2	1			1.00	1.00	08/03/21	Annual	91
Aug-22	1.00	2	1			1.00	1.00	08/30/22	Annual	91
Aug-23	1.00	2	1			1.00	1.00	08/30/22	Annual	92

MOVING AVERAGE TREND TEST
VDM-10
CHROMIUM



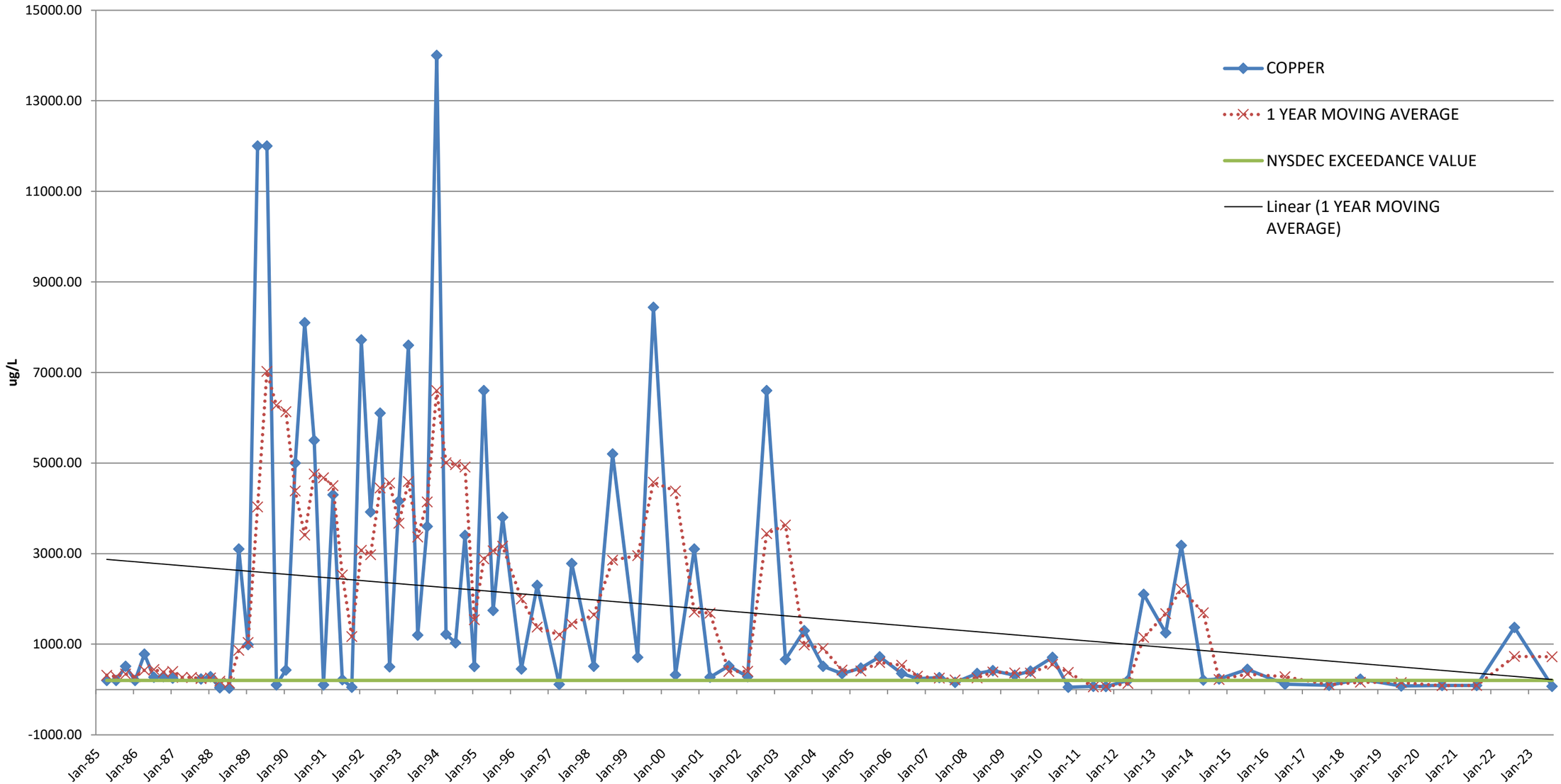
WELL VDM - 10 : CHROMIUM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84		50	50	TOTAL STD	48.60756					1
Oct-84		50	50	TOTAL Sx	5.689085					2
Jan-85	35.00	50	50	TOTAL MEAN	45.80146					3
Apr-85	21.00	50	50	TOTAL N	74	28.00				4
Jul-85	5.00	50	50	TOTAL df	73	20.33				5
Oct-85	6.00	50	50			16.75				6
Jan-86	37.00	50	50			17.25				7
Apr-86	38.00	50	50			21.50				8
Jul-86	36.00	50	50			29.25				9
Oct-86	50.00	50	50			40.25				10
Jan-87		50	50			41.33				11
Apr-87		50	50			43.00				12
Jul-87	35.00	50	50			42.50				13
Oct-87	10.00	50	50			22.50				14
Jan-88	5.00	50	50			16.67				15
Apr-88	5.00	50	50			13.75				16
Jul-88	21.00	50	50			10.25				17
Oct-88	18.00	50	50			12.25				18
Jan-89	20.00	50	50			16.00				19
Apr-89	23.00	50	50			20.50				20
Jul-89	34.00	50	50			23.75				21
Oct-89	32.00	50	50			27.25				22
Jan-90	60.00	50	50			37.25				23
Apr-90	40.00	50	50			41.50				24
Jul-90	60.00	50	50			48.00				25
Oct-90	30.00	50	50			47.50				26
Jan-91	40.00	50	50			42.50				27
Apr-91	16.00	50	50			36.50				28
Jul-91	33.00	50	50			29.75				29
Oct-91	8.00	50	50			24.25				30
Jan-92	32.00	50	50			22.25				31
Apr-92	67.00	50	50			35.00				32
Jul-92	2.00	50	50			27.25				33
Oct-92	81.50	50	50			45.63				34
Jan-93	40.10	50	50			47.65				35
Apr-93	71.20	50	50			48.70				36
Jul-93	59.00	50	50			62.95				37
Oct-93	26.00	50	50			49.08				38
Jan-94	180.00	50	50			84.05				39
Apr-94	71.00	50	50			84.00				40
Jul-94	14.00	50	50			72.75				41
Oct-94	72.00	50	50			84.25				42
Jan-95	23.00	50	50			45.00				43
Apr-95	79.00	50	50			47.00				44
Jul-95	64.00	50	50			59.50				45
Oct-95	65.00	50	2			57.75				46
Apr-96	17.00	50	2			48.67	40.75			47
Sep-96	18.00	50	5			17.50	17.50	09/17/96	semiannual	48
Apr-97	32.00	50	20			25.00	25.00	04/03/97	semiannual	49
Aug-97	81.00	50	5			56.50	56.50	08/27/97	semiannual	50
Mar-98	81.00	50	10			81.00	81.00	03/24/98	semiannual	51
Sep-98	100.00	50	10			90.50	90.50	09/22/98	semiannual	52
May-99	18.00	50	10			59.00	59.00	05/11/99	semiannual	53
Oct-99	163.00	50	14			90.50	90.50	10/05/99	semiannual	54
May-00	20.00	50	20			91.50	91.50	05/16/00	semiannual	55
Nov-00	120.00	50	2			70.00	70.00	11/28/00	semiannual	56
Apr-01	4.70	50	2			62.35	62.35	04/04/01	semiannual	57
Oct-01	26.00	50	2			15.35	15.35	10/18/01	semiannual	58
Apr-02	7.00	50	2			16.50	16.50	04/18/02	semiannual	59
Oct-02	220.00	50	2			113.50	113.50	10/03/02	semiannual	60
Apr-03	65.00	50	2			142.50	142.50	04/25/03	semiannual	61
Oct-03	260.00	50	4			162.50	162.50	10/03/03	semiannual	62
Apr-04	36.00	50	4			148.00	148.00	04/01/04	semiannual	63
Oct-04	13.00	50	4			24.50	24.50	10/19/04	semiannual	64
Apr-05	61.00	50	4			37.00	37.00	04/22/05	semiannual	65

WELL VDM - 10 : CHROMIUM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Oct-05	85.00	50	4			73.00	73.00	10/07/05	semiannual	66
May-06	23.00	50	4			54.00	54.00	05/11/06	semiannual	67
Oct-06	10.00	50	4			16.50	16.50	10/18/06	semiannual	68
May-07	39.00	50	4			24.50	24.50	05/22/07	semiannual	69
Oct-07	10.00	50	4			24.50	24.50	10/25/07	semiannual	70
May-08	12.00	50	4			11.00	11.00	05/13/08	semiannual	71
Oct-08	38.00	50	4			25.00	25.00	10/23/08	semiannual	72
May-09	36.00	50	4			37.00	37.00	05/12/09	semiannual	73
Oct-09	100.00	50	4			68.00	68.00	10/29/09	semiannual	74
May-10	30.00	50	4			65.00	65.00	05/20/10	semiannual	75
Oct-10	10.00	50	10			20.00	20.00	10/18/10	semiannual	76
Jul-11	100.00	50	100			55.00	55.00	07/02/11	semiannual	77
Oct-11	68.00	50	100			84.00	84.00	10/12/11	semiannual	78
May-12	22.00	50	10			45.00	45.00	05/18/12	semiannual	79
Oct-12	120.00	50	400			71.00	71.00	10/11/12	semiannual	80
May-13	50.00	50	50			85.00	85.00	05/17/13	semiannual	81
Oct-13	200.00	50	200			125.00	125.00	10/11/13	semiannual	82
May-14	19.00	50	30			109.50	109.50	05/05/14	semiannual	83
Oct-14	15.00	50	10			17.00	17.00	10/06/14	semiannual	84
Jul-15	19.00	50	500			17.00	17.00	07/09/15	semiannual	85
Jul-16	10.00	50	10			14.50	14.50	07/20/16	Annual	86
Sep-17	2.84	50	1			6.42	6.42	09/22/17	Annual	87
Jul-18	5.96	50	1			4.40	4.40	07/24/18	Annual	88
Aug-19	10.00	50	10			7.98	7.98	08/06/19	Annual	89
Sep-20	0.76	50	1			5.38	5.38	09/04/20	Annual	90
Aug-21	8.00	50	0.5			4.38	4.38	08/03/21	Annual	91
Aug-22	23.37	50	1			15.69	15.69	08/30/22	Annual	91
Aug-23	1.90	50	1			12.64	12.64	08/15/23	Annual	92

MOVING AVERAGE TREND TEST
VDM-10
COPPER



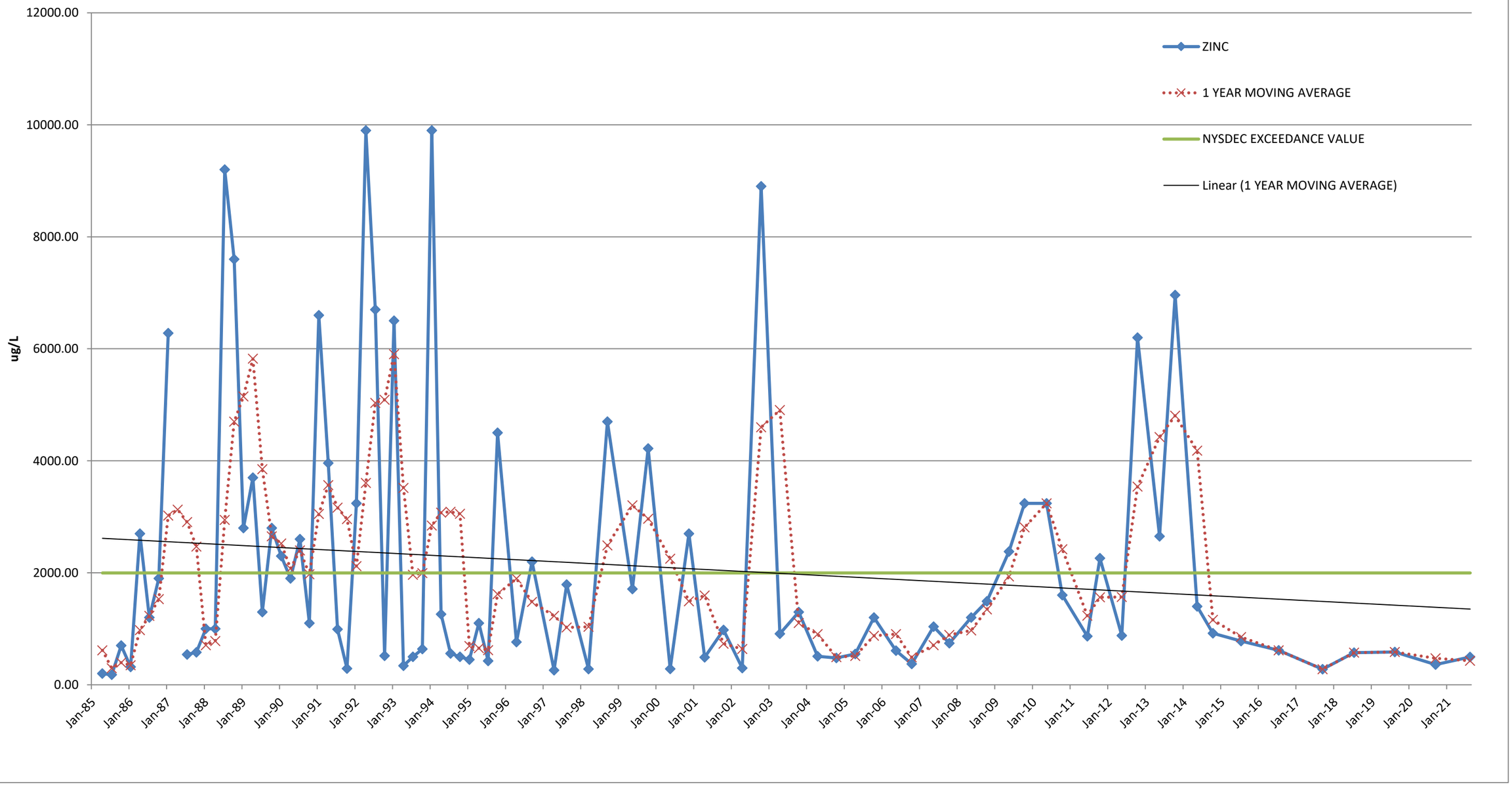
WELL VDM - 10 : COPPER

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84	290.00	200	200	TOTAL STD	3128.01					1
Oct-84		200	200	TOTAL Sx	363.6238					2
Jan-85	450.00	200	200	TOTAL MEAN	2159.777					3
Apr-85	200.00	200	200	TOTAL N	75	313.3				4
Jul-85	200.00	200	200	TOTAL df	74	283.3				5
Oct-85	510.00	200	200			340.0				6
Jan-86	200.00	200	200			277.5				7
Apr-86	780.00	200	200			422.5				8
Jul-86	270.00	200	200			440.0				9
Oct-86	280.00	200	200			382.5				10
Jan-87	250.00	200	200			395.0				11
Apr-87		200	200			266.7				12
Jul-87		200	200			265.0				13
Oct-87	230.00	200	200			240.0				14
Jan-88	280.00	200	200			255.0				15
Apr-88	35.00	200	200			181.7				16
Jul-88	30.00	200	200			143.8				17
Oct-88	3100.00	200	200			861.3				18
Jan-89	990.00	200	200			1038.8				19
Apr-89	12000.00	200	200			4030.0				20
Jul-89	12000.00	200	200			7022.5				21
Oct-89	100.00	200	200			6272.5				22
Jan-90	430.00	200	200			6132.5				23
Apr-90	5000.00	200	200			4382.5				24
Jul-90	8100.00	200	200			3407.5				25
Oct-90	5500.00	200	200			4757.5				26
Jan-91	100.00	200	200			4675.0				27
Apr-91	4300.00	200	200			4500.0				28
Jul-91	215.00	200	200			2528.8				29
Oct-91	50.00	200	200			1166.3				30
Jan-92	7720.00	200	200			3071.3				31
Apr-92	3920.00	200	200			2976.3				32
Jul-92	6100.00	200	200			4447.5				33
Oct-92	498.00	200	200			4559.5				34
Jan-93	4160.00	200	200			3669.5				35
Apr-93	7600.00	200	200			4589.5				36
Jul-93	1200.00	200	200			3364.5				37
Oct-93	3600.00	200	200			4140.0				38
Jan-94	14000.00	200	200			6600.0				39
Apr-94	1220.00	200	200			5005.0				40
Jul-94	1030.00	200	200			4962.5				41
Oct-94	3400.00	200	200			4912.5				42
Jan-95	508.00	200	200			1539.5				43
Apr-95	6600.00	200	200			2884.5				44
Jul-95	1745.00	200	200			3063.3				45
Oct-95	3800.00	200	10			3163.3				46
Apr-96	453.00	200	10			1999.3				47
Sep-96	2300.00	200	10			1376.5	1376.5	09/17/96	semiannual	48
Apr-97	110.00	200	10			1205.0	1205.0	04/03/97	semiannual	49
Aug-97	2780.00	200	10			1445.0	1445.0	08/27/97	semiannual	50
Mar-98	510.00	200	20			1645.0	1645.0	03/24/98	semiannual	51
Sep-98	5200.00	200	20			2855.0	2855.0	09/22/98	semiannual	52
May-99	709.00	200	10			2954.5	2954.5	05/11/99	semiannual	53
Oct-99	8440.00	200	10			4574.5	4574.5	10/05/99	semiannual	54
May-00	322.00	200	10			4381.0	4381.0	05/16/00	semiannual	55
Nov-00	3100.00	200	5			1711.0	1711.0	11/28/00	semiannual	56
Apr-01	270.00	200	10			1685.0	1685.0	04/04/01	semiannual	57
Oct-01	520.00	200	10			395.0	395.0	10/18/01	semiannual	58
Apr-02	280.00	200	5			400.0	400.0	04/18/02	semiannual	59
Oct-02	6600.00	200	5			3440.0	3440.0	10/03/02	semiannual	60
Apr-03	660.00	200	5			3630.0	3630.0	04/25/03	semiannual	61
Oct-03	1300.00	200	10			980.0	980.0	10/03/03	semiannual	62
Apr-04	510.00	200	10			905.0	905.0	04/01/04	semiannual	63
Oct-04	350.00	200	10			430.0	430.0	10/19/04	semiannual	64
Apr-05	470.00	200	10			410.0	410.0	04/22/05	semiannual	65

WELL VDM - 10 : COPPER

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Oct-05	720.00	200	10			595.0	595.0	10/07/05	semiannual	66
May-06	353.00	200	10			536.5	536.5	05/11/06	semiannual	67
Oct-06	238.00	200	10			295.5	295.5	10/18/06	semiannual	68
May-07	262.00	200	10			250.0	250.0	05/22/07	semiannual	69
Oct-07	156.00	200	10			209.0	209.0	10/25/07	semiannual	70
May-08	355.00	200	10			255.5	255.5	05/13/08	semiannual	71
Oct-08	417.00	200	10			386.0	386.0	05/14/08	semiannual	72
May-09	315.00	200	10			366.0	366.0	05/12/09	semiannual	73
Oct-09	405.00	200	10			360.0	360.0	10/29/09	semiannual	74
May-10	708.00	200	10			556.5	556.5	05/20/10	semiannual	75
Oct-10	48.30	200	10			378.2	378.2	10/18/10	semiannual	76
Jun-11	67.00	200	10			57.7	57.7	06/02/11	semiannual	77
Oct-11	64.00	200	10			65.5	65.5	10/12/11	semiannual	78
May-12	199.00	200	10			131.5	131.5	05/18/12	semiannual	79
Oct-12	2100.00	200	40			1149.5	1149.5	10/11/12	semiannual	80
May-13	1250.00	200	400			1675.0	1675.0	05/17/13	semiannual	81
Oct-13	3180.00	200	20			2215.0	2215.0	10/11/13	semiannual	82
May-14	205.00	200	32000			1692.5	1692.5	05/05/14	semiannual	83
Oct-14	231.00	200	15			218.0	218.0	10/06/14	semiannual	84
Jul-15	446.00	200	500			338.5	338.5	07/09/15	semiannual	85
Jul-16	116.00	200	10			281.0	281.0	07/20/16	Annual	86
Sep-17	92.33	200	1			104.2	104.2	09/22/17	Annual	87
Jul-18	227.50	200	1			159.9	159.9	07/24/18	Annual	88
Aug-19	75.32	200	10			151.4	151.4	08/06/19	Annual	89
Sep-20	89.43	200	1			82.4	82.4	09/04/20	Annual	90
Aug-21	88.00	200	2.5			88.7	88.7	08/03/21	Annual	91
Aug-22	1371.00	200	1			729.5	729.5	08/30/22	Annual	91
Aug-23	70.16	200	1			720.6	720.6	08/15/23	Annual	92

MOVING AVERAGE TREND TEST
VDM-10
ZINC



WELL VDM - 10 : ZINC

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETEC LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
Jul-84	1140.00	2000	300	TOTAL STD	2381.25					1
Oct-84		2000	300	TOTAL Sx	251.0058					2
Jan-85	510.00	2000	300	TOTAL MEAN	2085.275					3
Apr-85	200.00	2000	300	TOTAL N	91	616.67				4
Jul-85	180.00	2000	300	TOTAL df	90	296.67				5
Oct-85	700.00	2000	300			397.50				6
Jan-86	320.00	2000	300			350.00				7
Apr-86	2700.00	2000	300			975.00				8
Jul-86	1200.00	2000	300			1230.00				9
Oct-86	1900.00	2000	300			1530.00				10
Jan-87	6280.00	2000	300			3020.00				11
Apr-87		2000	300			3126.67				12
Jul-87	540.00	2000	300			2906.67				13
Oct-87	580.00	2000	300			2466.67				14
Jan-88	1000.00	2000	300			706.67				15
Apr-88	1000.00	2000	300			780.00				16
Jul-88	9200.00	2000	300			2945.00				17
Oct-88	7600.00	2000	300			4700.00				18
Jan-89	2800.00	2000	300			5150.00				19
Apr-89	3700.00	2000	300			5825.00				20
Jul-89	1300.00	2000	300			3850.00				21
Oct-89	2800.00	2000	300			2650.00				22
Jan-90	2300.00	2000	300			2525.00				23
Apr-90	1900.00	2000	300			2075.00				24
Jul-90	2600.00	2000	300			2400.00				25
Oct-90	1100.00	2000	300			1975.00				26
Jan-91	6600.00	2000	300			3050.00				27
Apr-91	3960.00	2000	300			3565.00				28
Jul-91	990.00	2000	300			3162.50				29
Oct-91	290.00	2000	300			2960.00				30
Jan-92	3240.00	2000	300			2120.00				31
Apr-92	9900.00	2000	300			3605.00				32
Jul-92	6700.00	2000	300			5032.50				33
Oct-92	517.00	2000	300			5089.25				34
Jan-93	6500.00	2000	300			5904.25				35
Apr-93	340.00	2000	300			3514.25				36
Jul-93	500.00	2000	300			1964.25				37
Oct-93	640.00	2000	300			1995.00				38
Jan-94	9900.00	2000	300			2845.00				39
Apr-94	1260.00	2000	300			3075.00				40
Jul-94	560.00	2000	300			3090.00				41
Oct-94	500.00	2000	300			3055.00				42
Jan-95	451.00	2000	300			692.75				43
Apr-95	1100.00	2000	300			652.75				44
Jul-95	426.00	2000	300			619.25				45
Oct-95	4500.00	2000	20			1619.25				46
Apr-96	762.00	2000	20			1896.00	1612.50			47
Sep-96	2200.00	2000	20			1481.00	1481.00	09/17/96	semiannual	48
Apr-97	260.00	2000	20			1230.00	1230.00	04/03/97	semiannual	49
Aug-97	1790.00	2000	20			1025.00	1025.00	08/27/97	semiannual	50
Mar-98	280.00	2000	10			1035.00	1035.00	03/24/98	semiannual	51
Sep-98	4700.00	2000	50			2490.00	2490.00	09/22/98	semiannual	52
May-99	1710.00	2000	16			3205.00	3205.00	05/11/99	semiannual	53
Oct-99	4220.00	2000	16			2965.00	2965.00	10/05/99	semiannual	54
May-00	284.00	2000	16			2252.00	2252.00	05/16/00	semiannual	55
Nov-00	2700.00	2000	26			1492.00	1492.00	11/28/00	semiannual	56
Apr-01	490.00	2000	26			1595.00	1595.00	04/04/01	semiannual	57
Oct-01	980.00	2000	20			735.00	735.00	10/18/01	semiannual	58
Apr-02	300.00	2000	20			640.00	640.00	04/18/02	semiannual	59
Oct-02	8900.00	2000	200			4600.00	4600.00	10/03/02	semiannual	60
Apr-03	910.00	2000	200			4905.00	4905.00	04/25/03	semiannual	61
Oct-03	1300.00	2000	20			1105.00	1105.00	10/03/03	semiannual	62
Apr-04	510.00	2000	20			905.00	905.00	04/01/04	semiannual	63
Oct-04	480.00	2000	20			495.00	495.00	10/19/04	semiannual	64

WELL VDM - 10 : ZINC

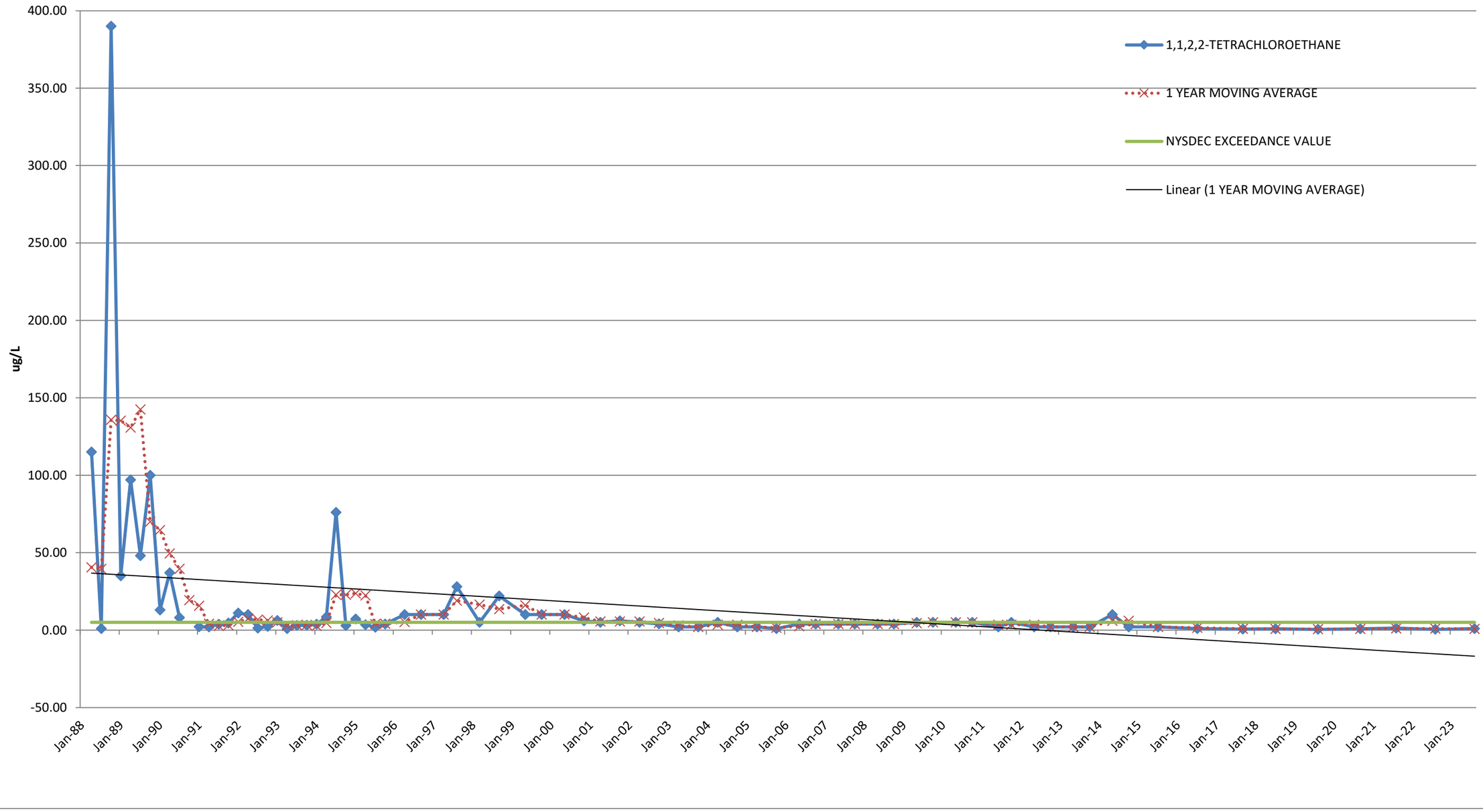
SAMPLING EVENT	CONC	DEC EXCEED	DETEC	STATISTICS		MOVING				SAMPLING EVENT
Apr-05	550.00	2000	20			515.00	515.00	04/22/05	semiannual	65
Oct-05	1200.00	2000	20			875.00	875.00	10/07/05	semiannual	66
May-06	609.00	2000	20			904.50	904.50	05/11/06	semiannual	67
Oct-06	374.00	2000	20			491.50	491.50	10/18/06	semiannual	68
May-07	1040.00	2000	20			707.00	707.00	05/22/07	semiannual	69
Oct-07	742.00	2000	20			891.00	891.00	10/25/07	semiannual	70
May-08	1200.00	2000	20			971.00	971.00	05/13/08	semiannual	71
Oct-08	1490.00	2000	20			1345.00	1345.00	10/23/08	semiannual	72
May-09	2380.00	2000	20			1935.00	1935.00	05/12/09	semiannual	73
Oct-09	3240.00	2000	20			2810.00	2810.00	10/29/09	semiannual	74
May-10	3240.00	2000	20			3240.00	3240.00	05/20/10	semiannual	75
Oct-10	1600.00	2000	20			2420.00	2420.00	10/18/10	semiannual	76
Jun-11	866.00	2000	20			1233.00	1233.00	06/02/11	semiannual	77
Oct-11	2260.00	2000	20			1563.00	1563.00	10/12/11	semiannual	78
May-12	878.00	2000	10			1569.00	1569.00	05/18/12	semiannual	79
Oct-12	6200.00	2000	1280			3539.00	3539.00	10/11/12	semiannual	80
May-13	2650.00	2000	1000			4425.00	4425.00	05/17/13	semiannual	81
Oct-13	6960.00	2000	880			4805.00	4805.00	10/11/13	semiannual	82
May-14	1400.00	2000	544			4180.00	4180.00	05/05/14	semiannual	83
Oct-14	921.00	2000	21			1160.50	1160.50	10/06/14	semiannual	84
Jul-15	781.00	2000	800			851.00	851.00	07/09/15	semiannual	85
Jul-16	614.00	2000	50			614.00	697.50	07/20/16	Annual	86
Sep-17	278.40	2000	10			278.40	446.20	09/22/17	Annual	87
Jul-18	574.40	2000	10			574.40	426.40	07/24/18	Annual	88
Aug-19	585.20	2000	100			585.20	579.80	08/06/19	Annual	89
Sep-20	361.40	2000	10			473.30	473.30	09/04/20	Annual	90
Aug-21	498.00	2000	5			429.70	429.70	08/03/21	Annual	91
Aug-22	1022.00	2000	10			691.70	691.70	08/30/22	Annual	91
Aug-23	45.58	2000	10			271.79	271.79	08/15/23	Annual	92

APPENDIX D3

VDM-11

ORION

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



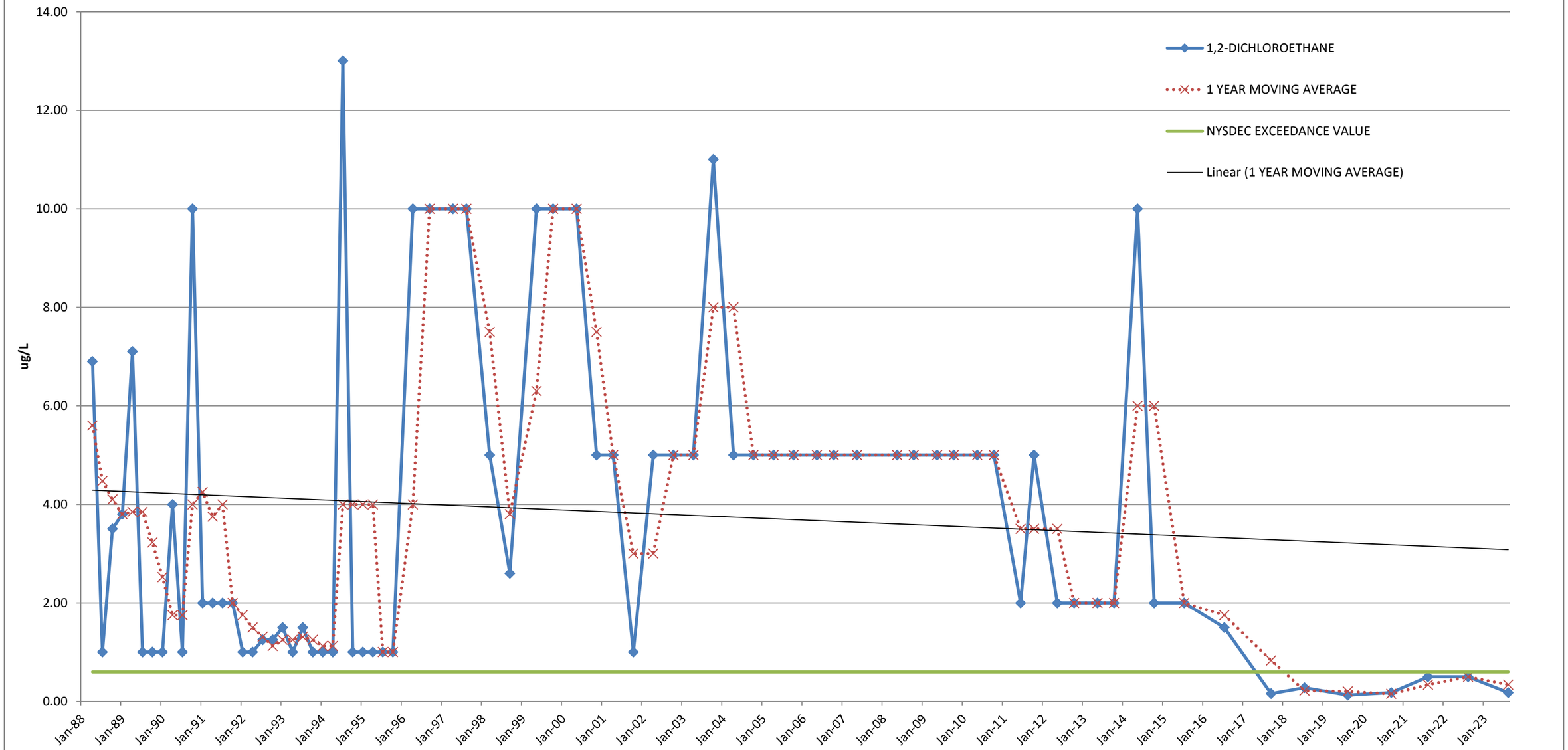
WELL VDM - 11 : 1,1,2,2-TETRACHLOROETHANE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				SAMPLING EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		5	5	TOTAL STD	47.3579					1
Apr-87		5	5	TOTAL Sx	5.3282					2
Jul-87	5.00	5	5	TOTAL MEAN	16.0415					3
Oct-87	5.00	5	5	TOTAL N	80					4
Jan-88	37.20	5	5	TOTAL df	79					5
Apr-88	115.00	5	5			40.55				6
Jul-88	1.00	5	5			39.55				7
Oct-88	390.00	5	5			135.80				8
Jan-89	35.00	5	5			135.25				9
Apr-89	97.00	5	5			130.75				10
Jul-89	48.00	5	5			142.50				11
Oct-89	100.00	5	5			70.00				12
Jan-90	13.00	5	5			64.50				13
Apr-90	37.00	5	5			49.50				14
Jul-90	8.00	5	5			39.50				15
Oct-90		5	5			19.33				16
Jan-91	2.20	5	5			15.73				17
Apr-91	2.00	5	5			4.07				18
Jul-91	3.80	5	5			2.67				19
Oct-91	4.60	5	5			3.15				20
Jan-92	11.00	5	5			5.35				21
Apr-92	10.00	5	5			7.35				22
Jul-92	1.25	5	5			6.71				23
Oct-92	2.40	5	5			6.16				24
Jan-93	6.22	5	5			4.97				25
Apr-93	1.00	5	5			2.72				26
Jul-93	3.00	5	5			3.16				27
Oct-93	3.10	5	5			3.33				28
Jan-94	3.80	5	5			2.73				29
Apr-94	8.50	5	5			4.60				30
Jul-94	76.00	5	5			22.85				31
Oct-94	2.90	5	5			22.80				32
Jan-95	7.20	5	5			23.65				33
Apr-95	3.50	5	5			22.40				34
Jul-95	1.80	5	5			3.85				35
Oct-95	3.90	5	1			4.10				36
Apr-96	10.00	5	10			5.233333				37
Sep-96	10.00	5	10			10	10	9/17/1996	semiannual	38
Apr-97	10.00	5	10			10	10	4/3/1997	semiannual	39
Aug-97	28.00	5	10			19	19	8/27/1997	semiannual	40
Mar-98	5.00	5	5			16.5	16.5	3/24/1998	semiannual	41
Sep-98	22.00	5	5			13.5	13.5	9/22/1998	semiannual	42
May-99	10.00	5	10			16	16	5/11/1999	semiannual	43
Oct-99	10.00	5	10			10	10	10/5/1999	semiannual	44
May-00	10.00	5	10			10	10	5/16/2000	semiannual	45
Nov-00	6.00	5	5			8	8	11/28/2000	semiannual	46
Apr-01	5.00	5	5			5.5	5.5	4/4/2001	semiannual	47
Oct-01	6.00	5	5			5.5	5.5	10/18/2001	semiannual	48
Apr-02	5.00	5	5			5.5	5.5	4/18/2002	semiannual	49
Oct-02	4.00	5	5			4.5	4.5	10/3/2002	semiannual	50
Apr-03	2.00	5	5			3	3	4/25/2003	semiannual	51
Oct-03	2.00	5	5			2	2	10/3/2003	semiannual	52
Apr-04	5.00	5	5			3.5	3.5	4/1/2004	semiannual	53
Oct-04	2.00	5	5			3.5	3.5	10/19/2004	semiannual	54
Apr-05	2.00	5	5			2	2	4/22/2005	semiannual	55
Oct-05	1.00	5	5			1.5	1.5	10/7/2005	semiannual	56
May-06	3.90	5	5			2.45	2.45	5/11/2006	semiannual	57
Oct-06	3.90	5	5			3.9	3.9	10/18/2006	semiannual	58
May-07	3.90	5	5			3.9	3.9	5/22/2007	semiannual	59
Oct-07	3.90	5	5			3.9	3.9	10/25/2007	semiannual	60
May-08	3.90	5	5			3.9	3.9	5/13/2008	semiannual	61
Oct-08	3.90	5	5			3.9	3.9	10/23/2008	semiannual	62
May-09	5.00	5	5			4.45	4.45	5/12/2009	semiannual	63
Oct-09	5.00	5	5			5	5	10/29/2009	semiannual	64

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

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				SAMPLING EVENT NO.
May-10	5.00	5	5			5	5	5/20/2010	semiannual	65
Oct-10	5.00	5	5			5	5	10/18/2010	semiannual	66
Jun-11	2.00	5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5.00	5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2.00	5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2.00	5	2			2	2	10/11/2012	semiannual	70
May-13	2.00	5	2			2	2	5/17/2013	semiannual	71
Oct-13	2.00	5	2			2	2	10/11/2013	semiannual	72
May-14	10.00	5	10			6	6	5/5/2014	semiannual	73
Oct-14	2.00	5	2			6	6	10/6/2014	semiannual	74
Jul-15	2.00	5	2			2	2	7/9/2015	semiannual	75
Jul-16	1.00	5	1			1.5	1.5	7/20/2016	Annual	76
Sep-17	0.57	5	0.5			0.785	0.785	9/22/2017	Annual	77
Jul-18	0.83	5	0.5			0.7	0.7	7/24/2018	Annual	78
Aug-19	0.50	5	0.5			0.665	0.665	8/6/2019	Annual	79
Sep-20	0.85	5	0.5			0.675	0.675	9/4/2020	Annual	80
Aug-21	1.30	5	0.5			1.075	1.075	8/3/2021	Annual	81
Aug-22	0.50	5	5			0.9	0.9	8/30/2022	Annual	81
Aug-23	1.00	5	0.5			0.75	0.75	8/15/2023	Annual	82

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



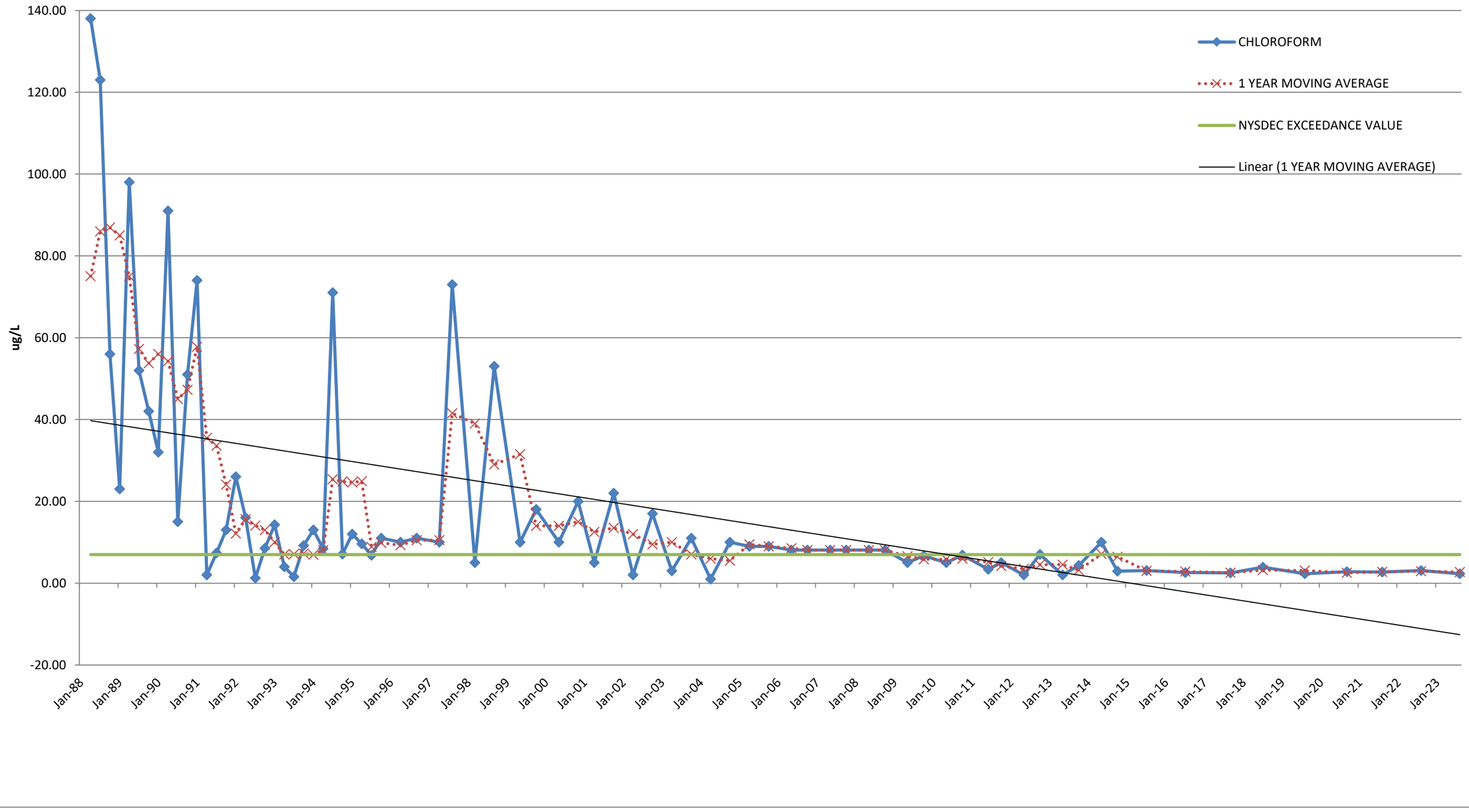
WELL VDM - 11 : 1,2-DICHLOROETHANE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		0.6	5	TOTAL STD	3.2093					1
Apr-87		0.6	5	TOTAL Sx	0.3981					2
Jul-87	5.50	0.6	5	TOTAL MEAN	3.8166					3
Oct-87	5.00	0.6	5	TOTAL N	66					4
Jan-88	5.00	0.6	5	TOTAL df	65					5
Apr-88	6.90	0.6	5			5.60				6
Jul-88	1.00	0.6	5			4.48				7
Oct-88	3.50	0.6	5			4.10				8
Jan-89	3.80	0.6	5			3.80				9
Apr-89	7.10	0.6	5			3.85				10
Jul-89	1.00	0.6	5			3.85				11
Oct-89	1.00	0.6	5			3.23				12
Jan-90	1.00	0.6	5			2.53				13
Apr-90	4.00	0.6	5			1.75				14
Jul-90	1.00	0.6	5			1.75				15
Oct-90	10.00	0.6	5			4.00				16
Jan-91	2.00	0.6	5			4.25				17
Apr-91	2.00	0.6	5			3.75				18
Jul-91	2.00	0.6	5			4.00				19
Oct-91	2.00	0.6	5			2.00				20
Jan-92	1.00	0.6	5			1.75				21
Apr-92	1.00	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	1.50	0.6	5			1.25				25
Apr-93	1.00	0.6	5			1.25				26
Jul-93	1.50	0.6	5			1.31				27
Oct-93	1.00	0.6	5			1.25				28
Jan-94	1.00	0.6	5			1.13				29
Apr-94	1.00	0.6	5			1.13				30
Jul-94	13.00	0.6	5			4.00				31
Oct-94	1.00	0.6	5			4.00				32
Jan-95	1.00	0.6	5			4.00				33
Apr-95	1.00	0.6	5			4.00				34
Jul-95	1.00	0.6	5			1.00				35
Oct-95	1.00	0.6	1			1.00				36
Apr-96	10.00	0.6	10			4.00				37
Sep-96	10.00	0.6	10			10	10	9/17/1996	semiannual	38
Apr-97	10.00	0.6	10			10	10	4/3/1997	semiannual	39
Aug-97	10.00	0.6	10			10	10	8/27/1997	semiannual	40
Mar-98	5.00	0.6	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	2.60	0.6	5			3.8	3.8	9/22/1998	semiannual	42
May-99	10.00	0.6	10			6.3	6.3	5/11/1999	semiannual	43
Oct-99	10.00	0.6	10			10	10	10/5/1999	semiannual	44
May-00	10.00	0.6	10			10	10	5/16/2000	semiannual	45
Nov-00	5.00	0.6	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5.00	0.6	5			5	5	4/4/2001	semiannual	47
Oct-01	1.00	0.6	5			3	3	10/18/2001	semiannual	48
Apr-02	5.00	0.6	5			3	3	4/18/2002	semiannual	49
Oct-02	5.00	0.6	5			5	5	10/3/2002	semiannual	50
Apr-03	5.00	0.6	5			5	5	4/25/2003	semiannual	51
Oct-03	11.00	0.6	5			8	8	10/3/2003	semiannual	52
Apr-04	5.00	0.6	5			8	8	4/1/2004	semiannual	53
Oct-04	5.00	0.6	5			5	5	10/19/2004	semiannual	54
Apr-05	5.00	0.6	5			5	5	4/22/2005	semiannual	55
Oct-05	5.00	0.6	5			5	5	10/7/2005	semiannual	56
May-06	5.00	0.6	5			5	5	5/11/2006	semiannual	57
Oct-06	5.00	0.6	5			5	5	10/18/2006	semiannual	58
May-07	5.00	0.6	5			5	5	5/22/2007	semiannual	59
May-08	5.00	0.6	5			5	5	5/13/2008	semiannual	60
Oct-08	5.00	0.6	5			5	5	10/23/2008	semiannual	61
May-09	5.00	0.6	5			5	5	5/12/2009	semiannual	62
Oct-09	5.00	0.6	5			5	5	10/29/2009	semiannual	63
May-10	5.00	0.6	5			5	5	5/20/2010	semiannual	64

WELL VDM - 11 : 1,2-DICHLOROETHANE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-10	5.00	0.6	5			5	5	10/18/2010	semiannual	65
Jun-11	2.00	0.6	2			3.5	3.5	6/2/2011	semiannual	66
Oct-11	5.00	0.6	5			3.5	3.5	10/12/2011	semiannual	67
May-12	2.00	0.6	2			3.5	3.5	5/18/2012	semiannual	68
Oct-12	2.00	0.6	2			2	2	10/11/2012	semiannual	69
May-13	2.00	0.6	2			2	2	5/17/2013	semiannual	70
Oct-13	2.00	0.6	2			2	2	10/11/2013	semiannual	71
May-14	10.00	0.6	10			6	6	5/5/2014	semiannual	72
Oct-14	2.00	0.6	2			6	6	10/6/2014	semiannual	73
Jul-15	2.00	0.6	2			2	2	7/9/2015	semiannual	74
Jul-16	1.50	0.6	1.5			1.75	1.75	7/20/2016	Annual	75
Sep-17	0.16	0.6	0.5			0.83	0.83	9/22/2017	Annual	76
Jul-18	0.28	0.6	0.5			0.22	0.22	7/24/2018	Annual	77
Aug-19	0.13	0.6	0.5			0.205	0.205	8/6/2019	Annual	78
Sep-20	0.18	0.6	0.5			0.155	0.155	9/4/2020	Annual	79
Aug-21	0.50	0.6	0.5			0.34	0.34	8/3/2021	Annual	80
Aug-22	0.50	0.6	0.5			0.5	0.5	8/30/2022	Annual	81
Aug-23	0.18	0.6	0.5			0.34	0.34	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
CHLOROFORM



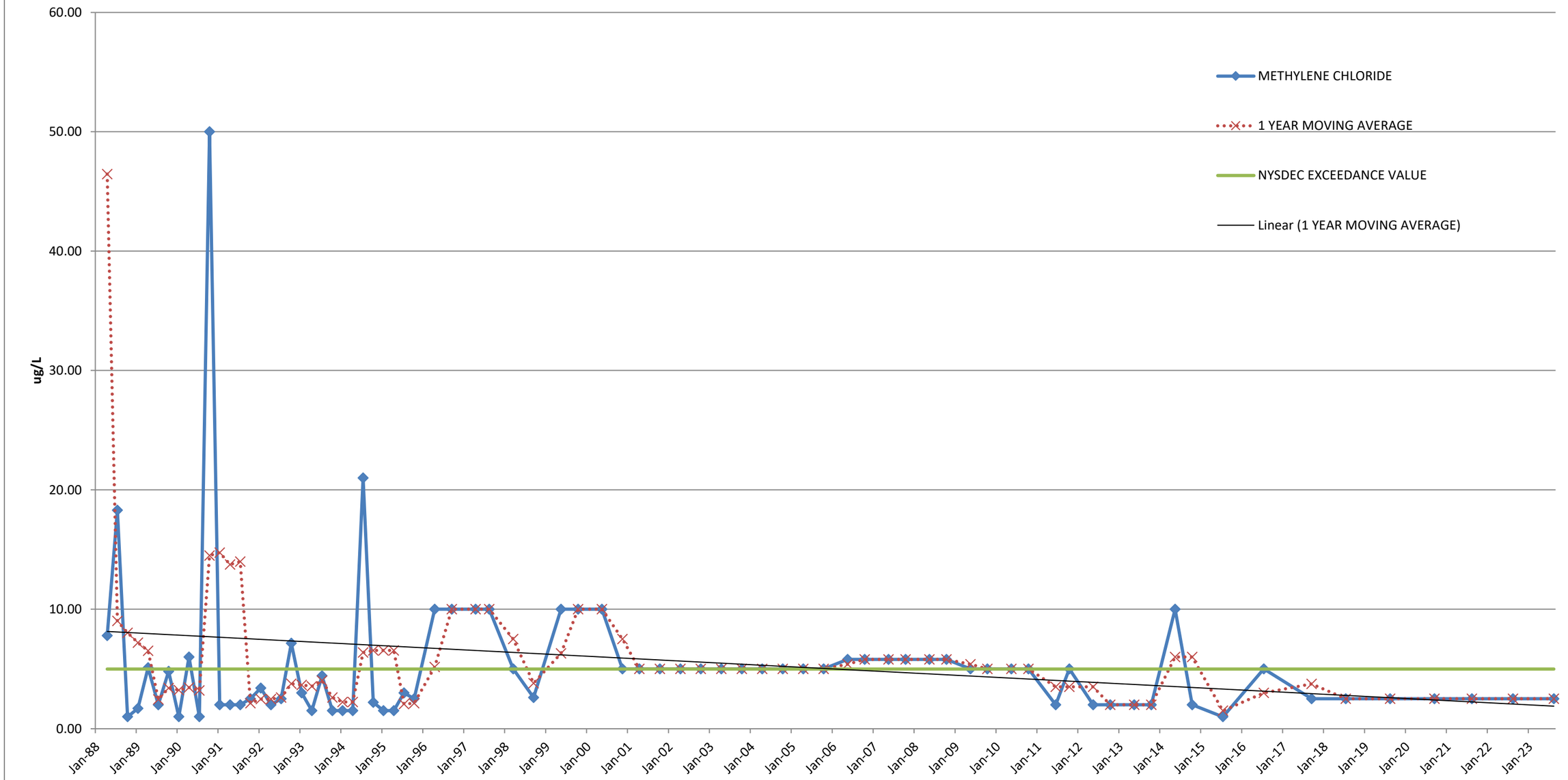
WELL VDM - 11 : CHLOROFORM

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		7	8	TOTAL STD	28.2989					1
Apr-87		7	8	TOTAL Sx	3.4834					2
Jul-87	79.20	7	8	TOTAL MEAN	20.2753					3
Oct-87	52.20	7	8	TOTAL N	67					4
Jan-88	30.70	7	8	TOTAL df	66					5
Apr-88	138.00	7	8			75.03				6
Jul-88	123.00	7	8			85.98				7
Oct-88	56.00	7	8			86.93				8
Jan-89	23.00	7	8			85.00				9
Apr-89	98.00	7	8			75.00				10
Jul-89	52.00	7	8			57.25				11
Oct-89	42.00	7	8			53.75				12
Jan-90	32.00	7	8			56.00				13
Apr-90	91.00	7	8			54.25				14
Jul-90	15.00	7	8			45.00				15
Oct-90	51.00	7	8			47.25				16
Jan-91	74.00	7	8			57.75				17
Apr-91	2.00	7	8			35.50				18
Jul-91	7.40	7	8			33.60				19
Oct-91	13.00	7	8			24.10				20
Jan-92	26.00	7	8			12.10				21
Apr-92	16.00	7	8			15.60				22
Jul-92	1.25	7	8			14.06				23
Oct-92	8.55	7	8			12.95				24
Jan-93	14.30	7	8			10.03				25
Apr-93	4.00	7	8			7.03				26
Jul-93	1.58	7	8			7.11				27
Oct-93	9.20	7	8			7.27				28
Jan-94	13.00	7	8			6.95				29
Apr-94	8.40	7	8			8.05				30
Jul-94	71.00	7	8			25.40				31
Oct-94	7.10	7	8			24.88				32
Jan-95	12.00	7	8			24.63				33
Apr-95	9.60	7	8			24.93				34
Jul-95	6.80	7	8			8.88				35
Oct-95	11.00	7	4			9.85				36
Apr-96	10.00	7	10			9.266667				37
Sep-96	11.00	7	10			10.5	10.5	9/17/1996	semiannual	38
Apr-97	10.00	7	10			10.5	10.5	4/3/1997	semiannual	39
Aug-97	73.00	7	10			41.5	41.5	8/27/1997	semiannual	40
Mar-98	5.00	7	5			39	39	3/24/1998	semiannual	41
Sep-98	53.00	7	5			29	29	9/22/1998	semiannual	42
May-99	10.00	7	10			31.5	31.5	5/11/1999	semiannual	43
Oct-99	18.00	7	10			14	14	10/5/1999	semiannual	44
May-00	10.00	7	10			14	14	5/16/2000	semiannual	45
Nov-00	20.00	7	5			15	15	11/28/2000	semiannual	46
Apr-01	5.00	7	5			12.5	12.5	4/4/2001	semiannual	47
Oct-01	22.00	7	5			13.5	13.5	10/18/2001	semiannual	48
Apr-02	2.00	7	5			12	12	4/18/2002	semiannual	49
Oct-02	17.00	7	5			9.5	9.5	10/3/2002	semiannual	50
Apr-03	3.00	7	5			10	10	4/25/2003	semiannual	51
Oct-03	11.00	7	5			7	7	10/3/2003	semiannual	52
Apr-04	1.00	7	5			6	6	4/1/2004	semiannual	53
Oct-04	10.00	7	5			5.5	5.5	10/19/2004	semiannual	54
Apr-05	9.00	7	5			9.5	9.5	4/22/2005	semiannual	55
Oct-05	9.00	7	5			9	9	10/7/2005	semiannual	56
May-06	8.10	7	5			8.55	8.55	5/11/2006	semiannual	57
Oct-06	8.10	7	5			8.1	8.1	10/18/2006	semiannual	58
May-07	8.10	7	5			8.1	8.1	5/22/2007	semiannual	59
Oct-07	8.10	7	5			8.1	8.1	10/25/2007	semiannual	60
May-08	8.10	7	5			8.1	8.1	5/13/2008	semiannual	61
Oct-08	8.10	7	5			8.1	8.1	10/23/2008	semiannual	62
May-09	5.00	7	5			6.55	6.55	5/12/2009	semiannual	63
Oct-09	6.69	7	5			5.845	5.845	10/29/2009	semiannual	64

WELL VDM - 11 : CHLOROFORM

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	5.00	7	5			5.845	5.845	5/20/2010	semiannual	65
Oct-10	6.87	7	5			5.935	5.935	10/18/2010	semiannual	66
Jun-11	3.36	7	5			5.115	5.115	6/2/2011	semiannual	67
Oct-11	5.00	7	5			4.18	4.18	10/12/2011	semiannual	68
May-12	2.00	7	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	7.00	7	2			4.5	4.5	10/11/2012	semiannual	70
May-13	2.00	7	2			4.5	4.5	5/17/2013	semiannual	71
Oct-13	4.30	7	2			3.15	3.15	10/11/2013	semiannual	72
May-14	10.00	7	10			7.15	7.15	5/5/2014	semiannual	73
Oct-14	2.90	7	2			6.45	6.45	10/6/2014	semiannual	74
Jul-15	3.10	7	2			3	3	7/9/2015	semiannual	75
Jul-16	2.60	7	1.5			2.85	2.85	7/20/2016	Annual	76
Sep-17	2.50	7	2.5			2.55	2.55	9/22/2017	Annual	77
Jul-18	3.90	7	2.5			3.2	3.2	7/24/2018	Annual	78
Aug-19	2.30	7	2.5			3.1	3.1	8/6/2019	Annual	79
Sep-20	2.80	7	2.5			2.55	2.55	9/4/2020	Annual	80
Aug-21	2.70	7	2.5			2.75	2.75	8/3/2021	Annual	81
Aug-22	3.10	7	2.5			2.9	2.9	8/30/2022	Annual	81
Aug-23	2.30	7	2.5			2.7	2.7	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
METHYLENE CHLORIDE



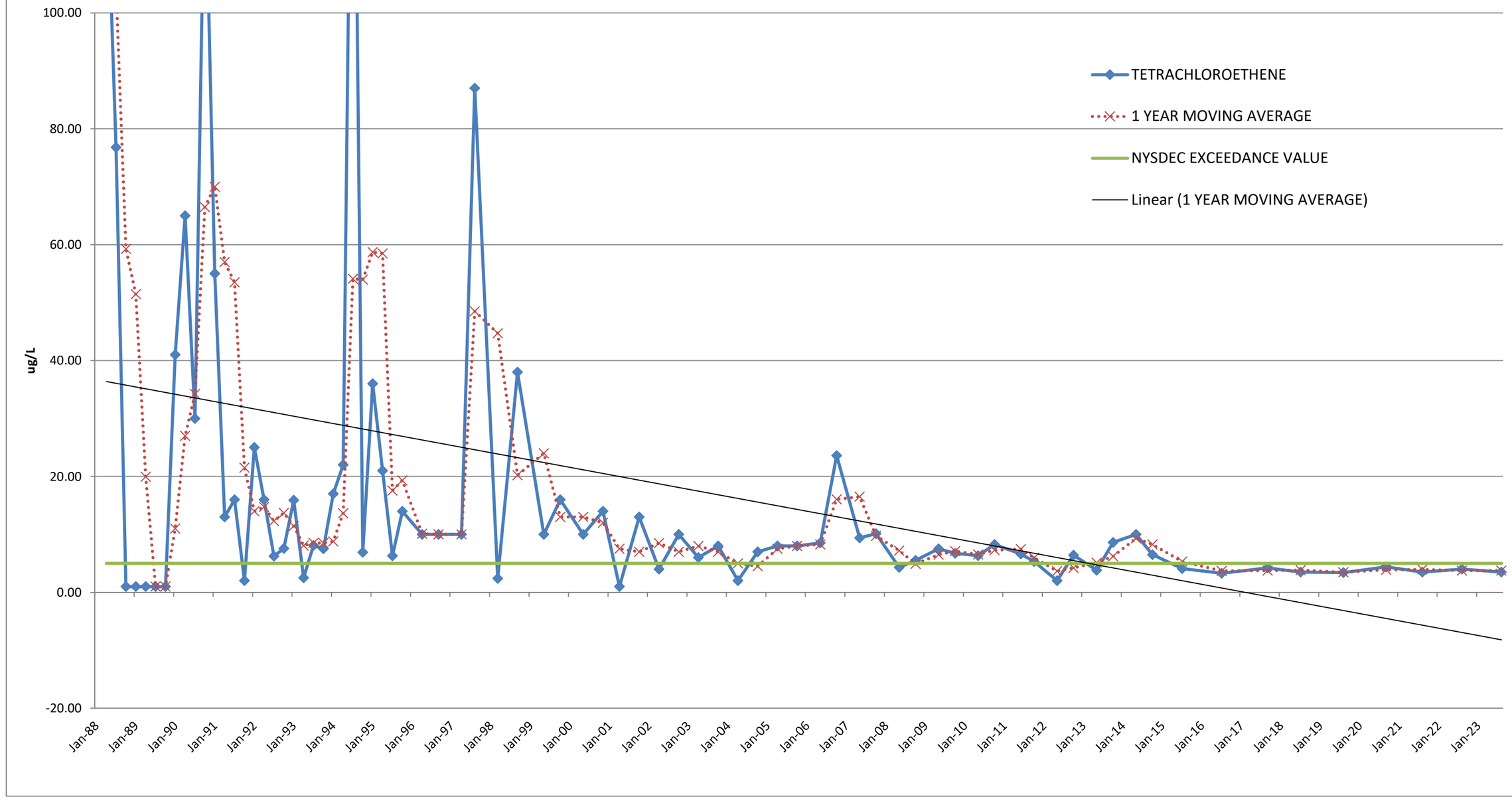
WELL VDM - 11 : METHYLENE CHLORIDE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		5	5	TOTAL STD	18.9822					1
Apr-87		5	5	TOTAL Sx	2.1223					2
Jul-87	168.00	5	5	TOTAL MEAN	7.2011					3
Oct-87	5.00	5	5	TOTAL N	81					4
Jan-88	5.00	5	5	TOTAL df	80					5
Apr-88	7.80	5	5			46.5				6
Jul-88	18.30	5	5			9.0				7
Oct-88	1.00	5	5			8.0				8
Jan-89	1.70	5	5			7.2				9
Apr-89	5.10	5	5			6.5				10
Jul-89	2.00	5	5			2.5				11
Oct-89	4.80	5	5			3.4				12
Jan-90	1.00	5	5			3.2				13
Apr-90	6.00	5	5			3.5				14
Jul-90	1.00	5	5			3.2				15
Oct-90	50.00	5	5			14.5				16
Jan-91	2.00	5	5			14.8				17
Apr-91	2.00	5	5			13.8				18
Jul-91	2.00	5	5			14.0				19
Oct-91	2.50	5	5			2.1				20
Jan-92	3.40	5	5			2.5				21
Apr-92	2.00	5	5			2.5				22
Jul-92	2.50	5	5			2.6				23
Oct-92	7.16	5	5			3.8				24
Jan-93	3.00	5	5			3.7				25
Apr-93	1.50	5	5			3.5				26
Jul-93	4.43	5	5			4.0				27
Oct-93	1.50	5	5			2.6				28
Jan-94	1.50	5	5			2.2				29
Apr-94	1.50	5	5			2.2				30
Jul-94	21.00	5	5			6.4				31
Oct-94	2.20	5	5			6.6				32
Jan-95	1.50	5	5			6.6				33
Apr-95	1.50	5	5			6.6				34
Jul-95	3.00	5	5			2.1				35
Oct-95	2.50	5	2.5			2.1				36
Apr-96	10.00	5	10			5.2				37
Sep-96	10.00	5	10			10.0	10.0	9/17/1996	semiannual	38
Apr-97	10.00	5	10			10.0	10.0	4/3/1997	semiannual	39
Aug-97	10.00	5	10			10.0	10.0	8/27/1997	semiannual	40
Mar-98	5.00	5	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	2.60	5	5			3.8	3.8	9/22/1998	semiannual	42
May-99	10.00	5	10			6.3	6.3	5/11/1999	semiannual	43
Oct-99	10.00	5	10			10.0	10.0	10/5/1999	semiannual	44
May-00	10.00	5	10			10.0	10.0	5/16/2000	semiannual	45
Nov-00	5.00	5	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5.00	5	5			5.0	5.0	4/4/2001	semiannual	47
Oct-01	5.00	5	5			5.0	5.0	10/18/2001	semiannual	48
Apr-02	5.00	5	5			5.0	5.0	4/18/2002	semiannual	49
Oct-02	5.00	5	5			5.0	5.0	10/3/2002	semiannual	50
Apr-03	5.00	5	5			5.0	5.0	4/25/2003	semiannual	51
Oct-03	5.00	5	5			5.0	5.0	10/3/2003	semiannual	52
Apr-04	5.00	5	5			5.0	5.0	4/1/2004	semiannual	53
Oct-04	5.00	5	5			5.0	5.0	10/19/2004	semiannual	54
Apr-05	5.00	5	5			5.0	5.0	4/22/2005	semiannual	55
Oct-05	5.00	5	5			5.0	5.0	10/7/2005	semiannual	56
May-06	5.80	5	5			5.4	5.4	5/11/2006	semiannual	57
Oct-06	5.80	5	5			5.8	5.8	10/18/2006	semiannual	58
May-07	5.80	5	5			5.8	5.8	5/22/2007	semiannual	59
Oct-07	5.80	5	5			5.8	5.8	10/25/2007	semiannual	60
May-08	5.80	5	5			5.8	5.8	5/13/2008	semiannual	61
Oct-08	5.80	5	5			5.8	5.8	10/23/2008	semiannual	62
May-09	5.00	5	5			5.4	5.4	5/12/2009	semiannual	63
Oct-09	5.00	5	5			5.0	5.0	10/29/2009	semiannual	64

WELL VDM - 11 : METHYLENE CHLORIDE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	5.00	5	5			5.0	5.0	5/20/2010	semiannual	65
Oct-10	5.00	5	5			5.0	5.0	10/18/2010	semiannual	66
Jun-11	2.00	5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5.00	5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2.00	5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2.00	5	2			2.0	2.0	10/11/2012	semiannual	70
May-13	2.00	5	2			2.0	2.0	5/17/2013	semiannual	71
Oct-13	2.00	5	2			2.0	2.0	10/11/2013	semiannual	72
May-14	10.00	5	2			6.0	6.0	5/5/2014	semiannual	73
Oct-14	2.00	5	2			6.0	6.0	10/6/2014	semiannual	74
Jul-15	1.00	5	2			1.5	1.5	7/9/2015	semiannual	75
Jul-16	5.00	5	5			3.0	3.0	7/20/2016	Annual	76
Sep-17	2.50	5	2.5			3.8	3.8	9/22/2017	Annual	77
Jul-18	2.50	5	2.5			2.5	2.5	7/24/2018	Annual	78
Aug-19	2.50	5	2.5			2.5	2.5	8/6/2019	Annual	79
Sep-20	2.50	5	2.5			2.5	2.5	9/4/2020	Annual	80
Aug-21	2.50	5	2.5			2.5	2.5	8/3/2021	Annual	81
Aug-22	2.50	5	2.5			2.5	2.5	8/30/2022	Annual	81
Aug-23	2.50	5	2.5			2.5	2.5	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
TETRACHLOROETHENE



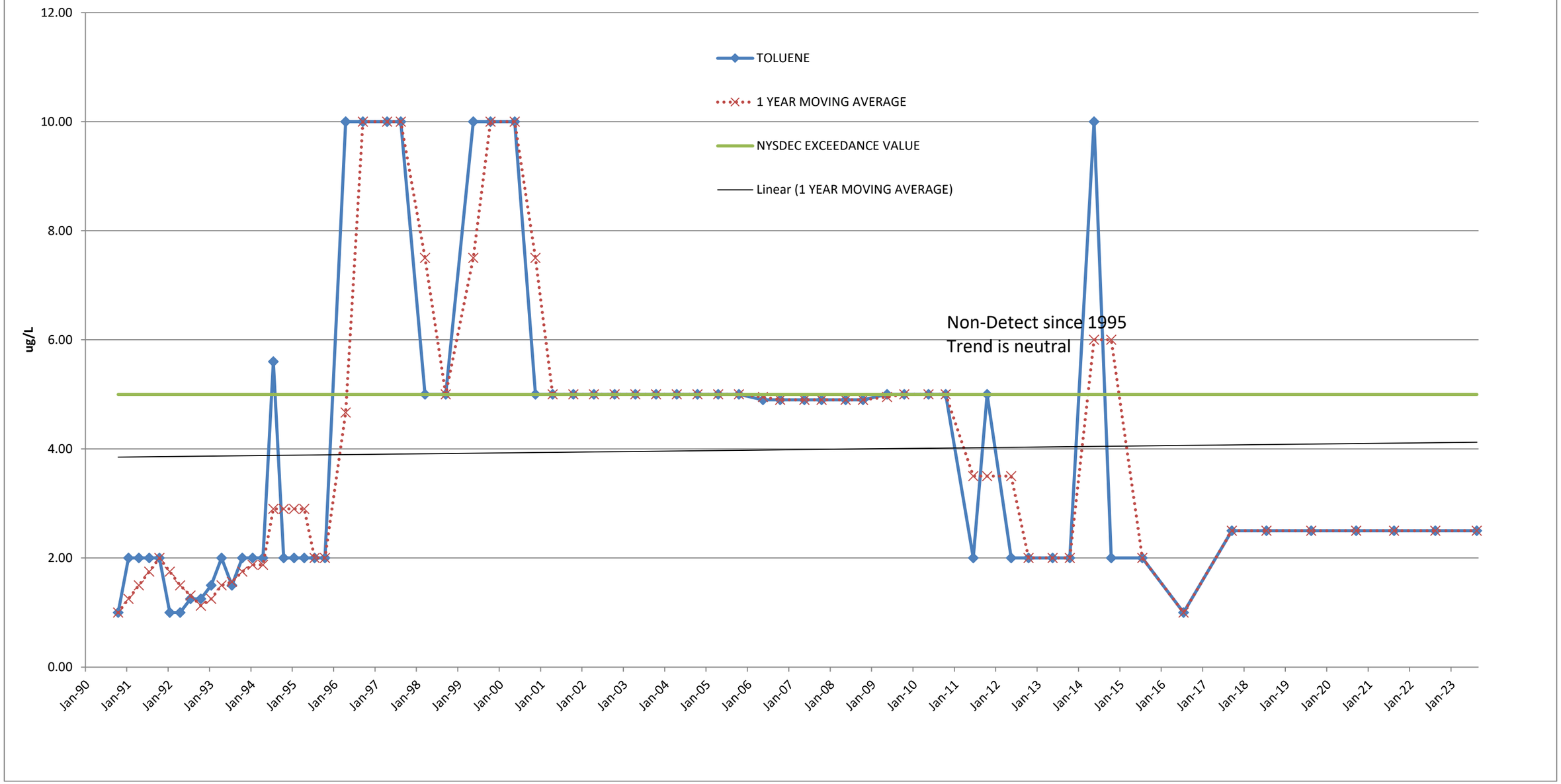
WELL VDM - 11 : TETRACHLOROETHENE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		5	5	TOTAL STD	34.9483					1
Apr-87		5	5	TOTAL Sx	3.9073					2
Jul-87	71.60	5	5	TOTAL MEAN	20.6972					3
Oct-87	182.00	5	5	TOTAL N	81					4
Jan-88	32.30	5	5	TOTAL df	80					5
Apr-88	127.00	5	5			103.23				6
Jul-88	76.80	5	5			104.53				7
Oct-88	1.00	5	5			59.28				8
Jan-89	1.00	5	5			51.45				9
Apr-89	1.00	5	5			19.95				10
Jul-89	1.00	5	5			1.00				11
Oct-89	1.00	5	5			1.00				12
Jan-90	41.00	5	5			11.00				13
Apr-90	65.00	5	5			27.00				14
Jul-90	30.00	5	5			34.25				15
Oct-90	130.00	5	5			66.50				16
Jan-91	55.00	5	5			70.00				17
Apr-91	13.00	5	5			57.00				18
Jul-91	16.00	5	5			53.50				19
Oct-91	2.00	5	5			21.50				20
Jan-92	25.00	5	5			14.00				21
Apr-92	16.00	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	15.90	5	5			11.43				25
Apr-93	2.50	5	5			8.06				26
Jul-93	8.10	5	5			8.52				27
Oct-93	7.50	5	5			8.50				28
Jan-94	17.00	5	5			8.78				29
Apr-94	22.00	5	5			13.65				30
Jul-94	170.00	5	5			54.13				31
Oct-94	6.90	5	5			53.98				32
Jan-95	36.00	5	5			58.73				33
Apr-95	21.00	5	5			58.48				34
Jul-95	6.30	5	5			17.55				35
Oct-95	14.00	5	2.5			19.33				36
Apr-96	10.00	5	10			10.10				37
Sep-96	10.00	5	10			10.00	10.00	9/17/1996	semiannual	38
Apr-97	10.00	5	10			10.00	10.00	4/3/1997	semiannual	39
Aug-97	87.00	5	10			48.50	48.50	8/27/1997	semiannual	40
Mar-98	2.40	5	5			44.70	44.70	3/24/1998	semiannual	41
Sep-98	38.00	5	5			20.20	20.20	9/22/1998	semiannual	42
May-99	10.00	5	10			24.00	24.00	5/11/1999	semiannual	43
Oct-99	16.00	5	10			13.00	13.00	10/5/1999	semiannual	44
May-00	10.00	5	10			13.00	13.00	5/16/2000	semiannual	45
Nov-00	14.00	5	5			12.00	12.00	11/28/2000	semiannual	46
Apr-01	1.00	5	5			7.50	7.50	4/4/2001	semiannual	47
Oct-01	13.00	5	5			7.00	7.00	10/18/2001	semiannual	48
Apr-02	4.00	5	5			8.50	8.50	4/18/2002	semiannual	49
Oct-02	10.00	5	5			7.00	7.00	10/3/2002	semiannual	50
Apr-03	6.00	5	5			8.00	8.00	4/25/2003	semiannual	51
Oct-03	8.00	5	5			7.00	7.00	10/3/2003	semiannual	52
Apr-04	2.00	5	5			5.00	5.00	4/1/2004	semiannual	53
Oct-04	7.00	5	5			4.50	4.50	10/19/2004	semiannual	54
Apr-05	8.00	5	5			7.50	7.50	4/22/2005	semiannual	55
Oct-05	8.00	5	5			8.00	8.00	10/7/2005	semiannual	56
May-06	8.51	5	5			8.26	8.26	5/11/2006	semiannual	57
Oct-06	23.60	5	5			16.06	16.06	10/18/2006	semiannual	58
May-07	9.40	5	5			16.50	16.50	5/22/2007	semiannual	59
Oct-07	10.10	5	5			9.75	9.75	10/25/2007	semiannual	60
May-08	4.30	5	5			7.20	7.20	5/13/2008	semiannual	61
Oct-08	5.50	5	5			4.90	4.90	10/23/2008	semiannual	62
May-09	7.50	5	5			6.50	6.50	5/12/2009	semiannual	63
Oct-09	6.73	5	5			7.12	7.12	10/29/2009	semiannual	64

WELL VDM - 11 : TETRACHLOROETHENE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	6.32	5	5			6.53	6.53	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			7.44	6.47	6/2/2011	semiannual	67
Oct-11	5.30	5	5			5.96	6.78	10/12/2011	semiannual	68
May-12	2.00	5	2			3.65	4.31	5/18/2012	semiannual	69
Oct-12	6.40	5	2			4.20	5.85	10/11/2012	semiannual	70
May-13	3.80	5	3.8			5.10	2.90	5/17/2013	semiannual	71
Oct-13	8.60	5	2			6.20	7.50	10/11/2013	semiannual	72
May-14	10.00	5	10			9.30	6.90	5/5/2014	semiannual	73
Oct-14	6.50	5	2			8.25	7.55	10/6/2014	semiannual	74
Jul-15	4.10	5	2			5.30	7.05	7/9/2015	semiannual	75
Jul-16	3.30	5	1.5			3.70	4.90	7/20/2016	Annual	76
Sep-17	4.20	5	0.5			3.75	4.15	9/22/2017	Annual	77
Jul-18	3.50	5	0.5			3.85	3.40	7/24/2018	Annual	78
Aug-19	3.40	5	0.5			3.45	3.80	8/6/2019	Annual	79
Sep-20	4.40	5	0.5			3.90	3.95	9/4/2020	Annual	80
Aug-21	3.50	5	0.5			3.95	3.45	8/3/2021	Annual	81
Aug-22	4.00	5	0.5			3.75	4.20	8/30/2022	Annual	81
Aug-23	3.50	5	0.5			3.75	3.50	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
TOLUENE



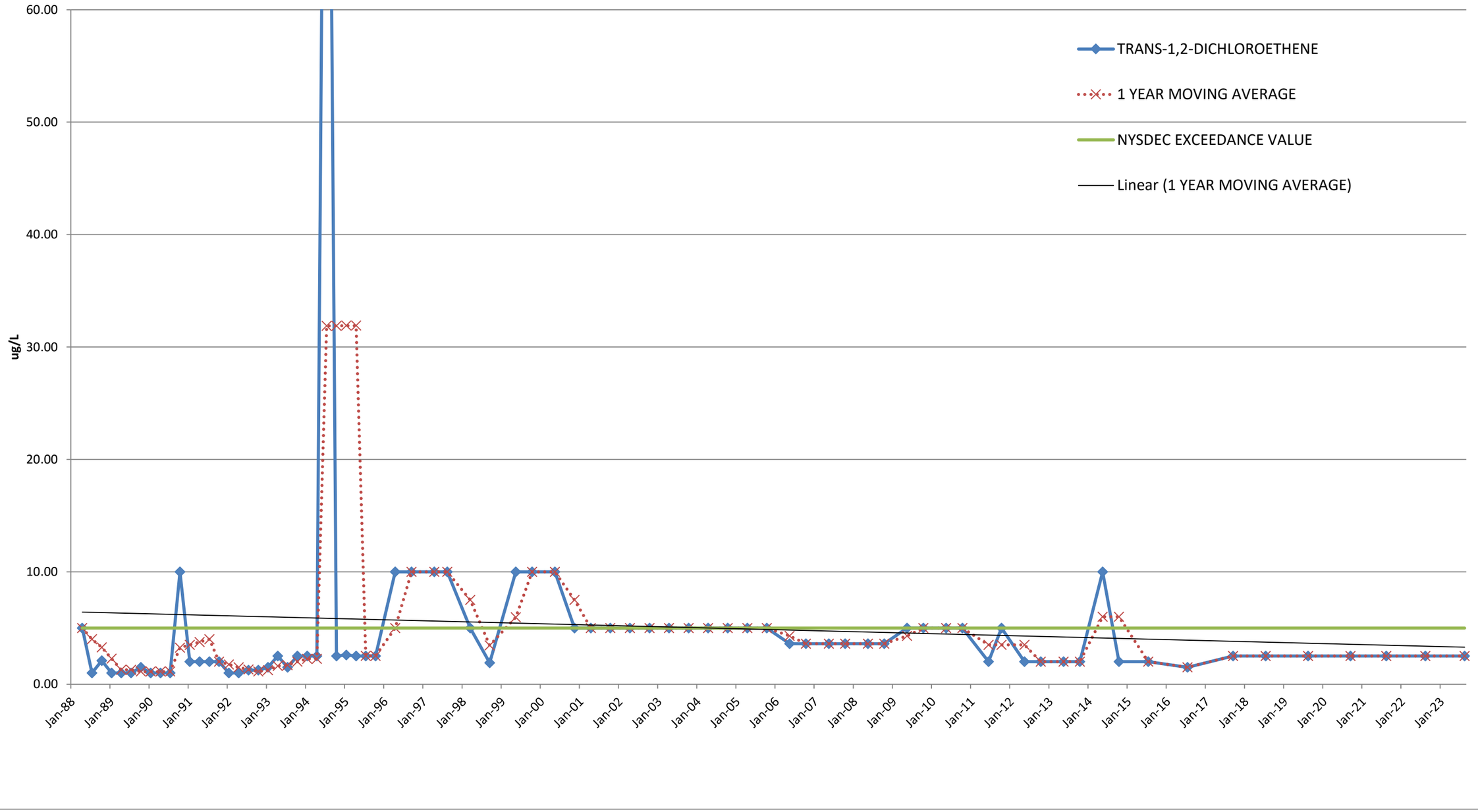
WELL VDM - 11 : TOLUENE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		5	5	TOTAL STD	2.6502					1
Apr-87		5	5	TOTAL Sx	0.3168					2
Jul-87		5	5	TOTAL MEAN	3.8732					3
Oct-87		5	5	TOTAL N	71					4
Jan-88		5	5	TOTAL df	70					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	1.00	5	5							13
Apr-90	1.00	5	5							14
Jul-90	1.00	5	5							15
Oct-90	1.00	5	5			1.0				16
Jan-91	2.00	5	5			1.3				17
Apr-91	2.00	5	5			1.5				18
Jul-91	2.00	5	5			1.8				19
Oct-91	2.00	5	5			2.0				20
Jan-92	1.00	5	5			1.8				21
Apr-92	1.00	5	5			1.5				22
Jul-92	1.25	5	5			1.3				23
Oct-92	1.25	5	5			1.1				24
Jan-93	1.50	5	5			1.3				25
Apr-93	2.00	5	5			1.5				26
Jul-93	1.50	5	5			1.6				27
Oct-93	2.00	5	5			1.8				28
Jan-94	2.00	5	5			1.9				29
Apr-94	2.00	5	5			1.9				30
Jul-94	5.60	5	5			2.9				31
Oct-94	2.00	5	5			2.9				32
Jan-95	2.00	5	5			2.9				33
Apr-95	2.00	5	5			2.9				34
Jul-95	2.00	5	5			2.0				35
Oct-95	2.00	5	2			2.0				36
Apr-96	10.00	5	10			4.7				37
Sep-96	10.00	5	10			10.0	10.0	9/17/1996	semiannual	38
Apr-97	10.00	5	10			10.0	10.0	4/3/1997	semiannual	39
Aug-97	10.00	5	10			10.0	10.0	8/27/1997	semiannual	40
Mar-98	5.00	5	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	5.00	5	5			5.0	5.0	9/22/1998	semiannual	42
May-99	10.00	5	10			7.5	7.5	5/11/1999	semiannual	43
Oct-99	10.00	5	10			10.0	10.0	10/5/1999	semiannual	44
May-00	10.00	5	10			10.0	10.0	5/16/2000	semiannual	45
Nov-00	5.00	5	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5.00	5	5			5.0	5.0	4/4/2001	semiannual	47
Oct-01	5.00	5	5			5.0	5.0	10/18/2001	semiannual	48
Apr-02	5.00	5	5			5.0	5.0	4/18/2002	semiannual	49
Oct-02	5.00	5	5			5.0	5.0	10/3/2002	semiannual	50
Apr-03	5.00	5	5			5.0	5.0	4/25/2003	semiannual	51
Oct-03	5.00	5	5			5.0	5.0	10/3/2003	semiannual	52
Apr-04	5.00	5	5			5.0	5.0	4/1/2004	semiannual	53
Oct-04	5.00	5	5			5.0	5.0	10/19/2004	semiannual	54
Apr-05	5.00	5	5			5.0	5.0	4/22/2005	semiannual	55
Oct-05	5.00	5	5			5.0	5.0	10/7/2005	semiannual	56
May-06	4.90	5	5			5.0	5.0	5/11/2006	semiannual	57
Oct-06	4.90	5	5			4.9	4.9	10/18/2006	semiannual	58
May-07	4.90	5	5			4.9	4.9	5/22/2007	semiannual	59
Oct-07	4.90	5	5			4.9	4.9	10/25/2007	semiannual	60
May-08	4.90	5	5			4.9	4.9	5/13/2008	semiannual	61
Oct-08	4.90	5	5			4.9	4.9	10/23/2008	semiannual	62
May-09	5.00	5	5			5.0	5.0	5/12/2009	semiannual	63
Oct-09	5.00	5	5			5.0	5.0	10/29/2009	semiannual	64

WELL VDM - 11 : TOLUENE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	5.00	5	5			5.0	5.0	5/20/2010	semiannual	65
Oct-10	5.00	5	5			5.0	5.0	10/18/2010	semiannual	66
Jun-11	2.00	5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5.00	5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2.00	5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2.00	5	2			2.0	2.0	10/11/2012	semiannual	70
May-13	2.00	5	2			2.0	2.0	5/17/2013	semiannual	71
Oct-13	2.00	5	2			2.0	2.0	10/11/2013	semiannual	72
May-14	10.00	5	10			6.0	6.0	5/5/2014	semiannual	73
Oct-14	2.00	5	2			6.0	6.0	10/6/2014	semiannual	74
Jul-15	2.00	5	2			2.0	2.0	7/9/2015	semiannual	75
Jul-16	1.00	5	1			1.0	1.5	7/20/2016	Annual	76
Sep-17	2.50	5	2.5			2.5	1.8	9/22/2017	Annual	77
Jul-18	2.50	5	2.5			2.5	2.5	7/24/2018	Annual	78
Aug-19	2.50	5	2.5			2.5	2.5	8/6/2019	Annual	79
Sep-20	2.50	5	2.5			2.5	2.5	9/4/2020	Annual	80
Aug-21	2.50	5	2.5			2.5	2.5	8/3/2021	Annual	81
Aug-22	2.50	5	2.5			2.5	2.5	8/30/2022	Annual	81
Aug-23	2.50	5	2.5			2.5	2.5	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
TRANS-1,2-DICHLOROETHENE



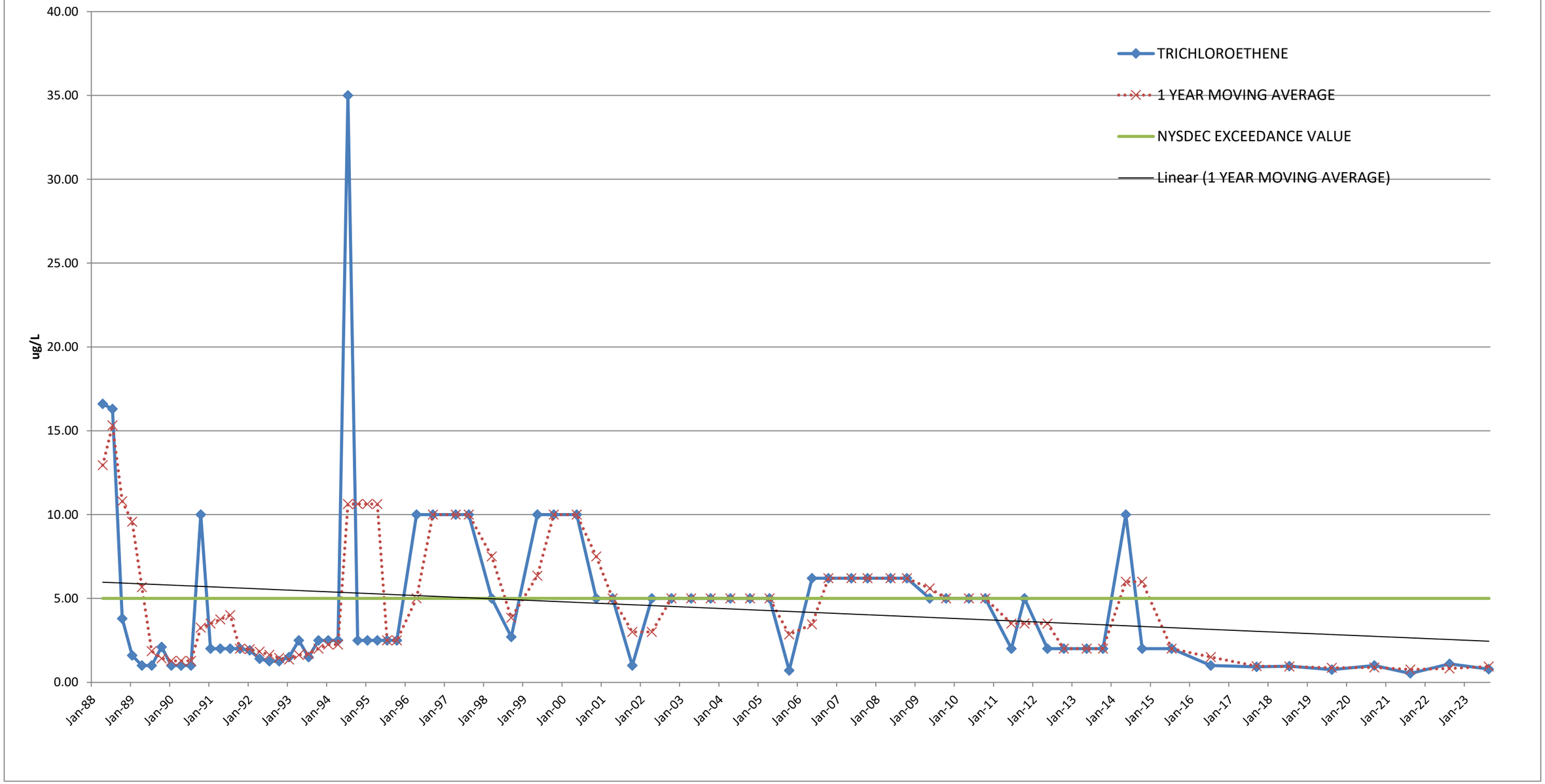
WELL VDM - 11 : TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		5	5	TOTAL STD	13.0982					1
Apr-87		5	5	TOTAL Sx	1.4644					2
Jul-87	5.00	5	5	TOTAL MEAI	5.1877					3
Oct-87	5.00	5	5	TOTAL N	81					4
Jan-88	5.00	5	5	TOTAL df	80					5
Apr-88	5.00	5	5			5.0				6
Jul-88	1.00	5	5			4.0				7
Oct-88	2.10	5	5			3.3				8
Jan-89	1.00	5	5			2.3				9
Apr-89	1.00	5	5			1.3				10
Jul-89	1.00	5	5			1.3				11
Oct-89	1.50	5	5			1.1				12
Jan-90	1.00	5	5			1.1				13
Apr-90	1.00	5	5			1.1				14
Jul-90	1.00	5	5			1.1				15
Oct-90	10.00	5	5			3.3				16
Jan-91	2.00	5	5			3.5				17
Apr-91	2.00	5	5			3.8				18
Jul-91	2.00	5	5			4.0				19
Oct-91	2.00	5	5			2.0				20
Jan-92	1.00	5	5			1.8				21
Apr-92	1.00	5	5			1.5				22
Jul-92	1.25	5	5			1.3				23
Oct-92	1.25	5	5			1.1				24
Jan-93	1.50	5	5			1.3				25
Apr-93	2.50	5	5			1.6				26
Jul-93	1.50	5	5			1.7				27
Oct-93	2.50	5	5			2.0				28
Jan-94	2.50	5	5			2.3				29
Apr-94	2.50	5	5			2.3				30
Jul-94	120.00	5	5			31.9				31
Oct-94	2.50	5	5			31.9				32
Jan-95	2.60	5	5			31.9				33
Apr-95	2.50	5	5			31.9				34
Jul-95	2.50	5	5			2.5				35
Oct-95	2.50	5	2.5			2.5				36
Apr-96	10.00	5	10			5.0				37
Sep-96	10.00	5	10			10.0	10.0	9/17/1996	semiannual	38
Apr-97	10.00	5	10			10.0	10.0	4/3/1997	semiannual	39
Aug-97	10.00	5	10			10.0	10.0	8/27/1997	semiannual	40
Mar-98	5.00	5	5			7.5	7.5	3/24/1998	semiannual	41
Sep-98	1.90	5	5			3.5	3.5	9/22/1998	semiannual	42
May-99	10.00	5	10			6.0	6.0	5/11/1999	semiannual	43
Oct-99	10.00	5	10			10.0	10.0	10/5/1999	semiannual	44
May-00	10.00	5	10			10.0	10.0	5/16/2000	semiannual	45
Nov-00	5.00	5	5			7.5	7.5	11/28/2000	semiannual	46
Apr-01	5.00	5	5			5.0	5.0	4/4/2001	semiannual	47
Oct-01	5.00	5	5			5.0	5.0	10/18/2001	semiannual	48
Apr-02	5.00	5	5			5.0	5.0	4/18/2002	semiannual	49
Oct-02	5.00	5	5			5.0	5.0	10/3/2002	semiannual	50
Apr-03	5.00	5	5			5.0	5.0	4/25/2003	semiannual	51
Oct-03	5.00	5	5			5.0	5.0	10/3/2003	semiannual	52
Apr-04	5.00	5	5			5.0	5.0	4/1/2004	semiannual	53
Oct-04	5.00	5	5			5.0	5.0	10/19/2004	semiannual	54
Apr-05	5.00	5	5			5.0	5.0	4/22/2005	semiannual	55
Oct-05	5.00	5	5			5.0	5.0	10/7/2005	semiannual	56
May-06	3.60	5	5			4.3	4.3	5/11/2006	semiannual	57
Oct-06	3.60	5	5			3.6	3.6	10/18/2006	semiannual	58
May-07	3.60	5	5			3.6	3.6	5/22/2007	semiannual	59
Oct-07	3.60	5	5			3.6	3.6	10/25/2007	semiannual	60
May-08	3.60	5	5			3.6	3.6	5/13/2008	semiannual	61
Oct-08	3.60	5	5			3.6	3.6	10/23/2008	semiannual	62

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

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-09	5.00	5	5			4.3	4.3	5/12/2009	semiannual	63
Oct-09	5.00	5	5			5.0	5.0	10/29/2009	semiannual	64
May-10	5.00	5	5			5.0	5.0	5/20/2010	semiannual	65
Oct-10	5.00	5	5			5.0	5.0	10/18/2010	semiannual	66
Jun-11	2.00	5	2			3.5	3.5	6/2/2011	semiannual	67
Oct-11	5.00	5	5			3.5	3.5	10/12/2011	semiannual	68
May-12	2.00	5	2			3.5	3.5	5/18/2012	semiannual	69
Oct-12	2.00	5	2			2.0	2.0	10/11/2012	semiannual	70
May-13	2.00	5	2			2.0	2.0	5/17/2013	semiannual	71
Oct-13	2.00	5	2			2.0	2.0	10/11/2013	semiannual	72
May-14	10.00	5	10			6.0	6.0	5/5/2014	semiannual	73
Oct-14	2.00	5	2			6.0	6.0	10/6/2014	semiannual	74
Jul-15	2.00	5	2			2.0	2.0	7/9/2015	semiannual	75
Jul-16	1.50	5	1.5			1.5	1.8	7/20/2016	Annual	76
Sep-17	2.50	5	2.5			2.5	2.0	9/22/2017	Annual	77
Jul-18	2.50	5	2.5			2.5	2.5	7/24/2018	Annual	78
Aug-19	2.50	5	2.5			2.5	2.5	8/6/2019	Annual	79
Sep-20	2.50	5	2.5			2.5	2.5	9/4/2020	Annual	80
Aug-21	2.50	5	2.5			2.5	2.5	8/3/2021	Annual	81
Aug-22	2.50	5	2.5			2.5	2.5	8/30/2022	Annual	82
Aug-23	2.50	5	2.5			2.5	2.5	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
TRICHLOROETHENE



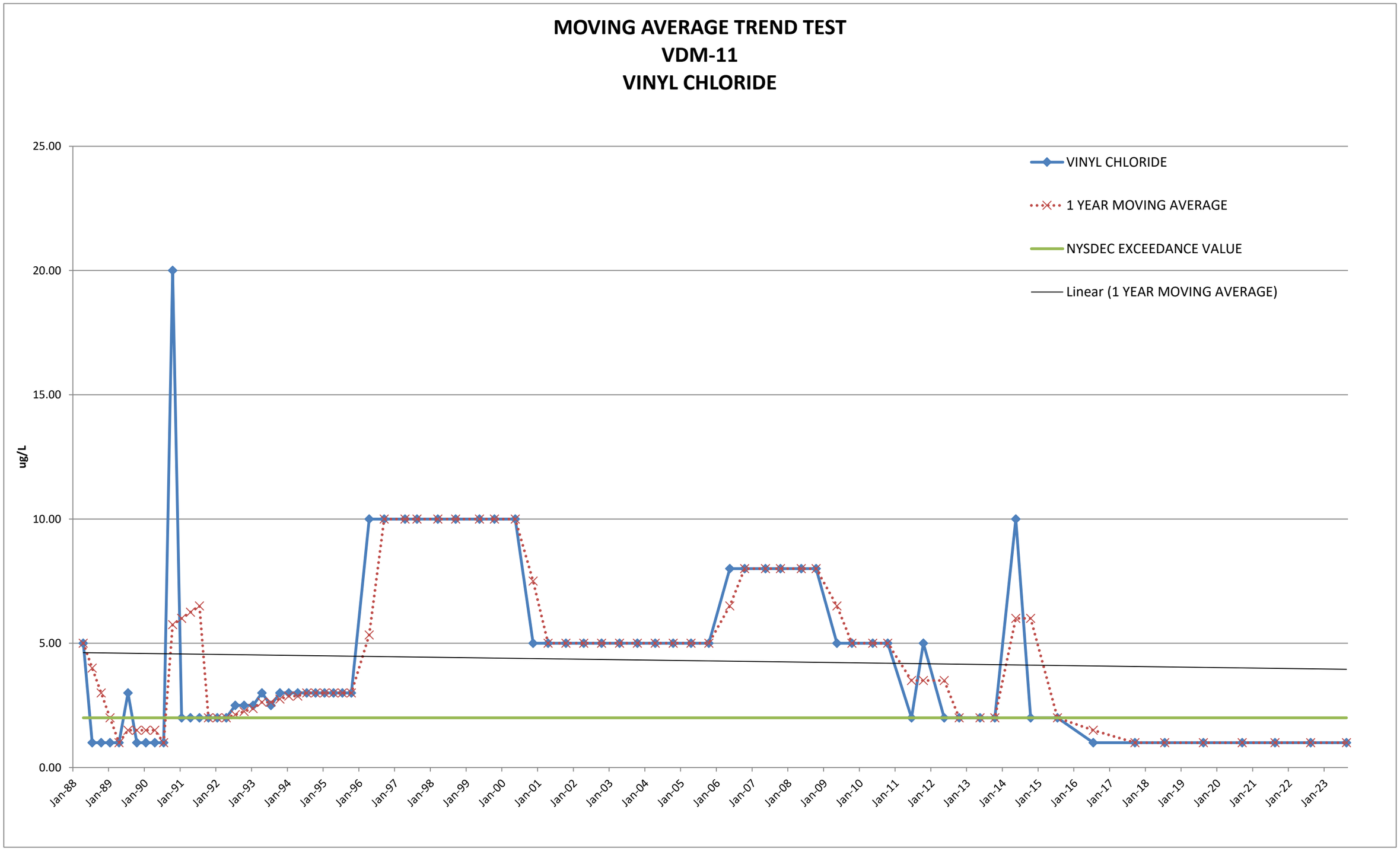
WELL VDM - 11 : TRICHLOROETHENE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		5	5	TOTAL STD	5.1978					1
Apr-87		5	5	TOTAL Sx	0.5811					2
Jul-87	6.80	5	5	TOTAL MEAN	4.7227					3
Oct-87	21.90	5	5	TOTAL N	81					4
Jan-88	6.50	5	5	TOTAL df	80					5
Apr-88	16.60	5	5			12.95				6
Jul-88	16.30	5	5			15.33				7
Oct-88	3.80	5	5			10.80				8
Jan-89	1.60	5	5			9.58				9
Apr-89	1.00	5	5			5.68				10
Jul-89	1.00	5	5			1.85				11
Oct-89	2.10	5	5			1.43				12
Jan-90	1.00	5	5			1.28				13
Apr-90	1.00	5	5			1.28				14
Jul-90	1.00	5	5			1.28				15
Oct-90	10.00	5	5			3.25				16
Jan-91	2.00	5	5			3.50				17
Apr-91	2.00	5	5			3.75				18
Jul-91	2.00	5	5			4.00				19
Oct-91	2.00	5	5			2.00				20
Jan-92	1.90	5	5			1.98				21
Apr-92	1.40	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	1.50	5	5			1.35				25
Apr-93	2.50	5	5			1.63				26
Jul-93	1.50	5	5			1.69				27
Oct-93	2.50	5	5			2.00				28
Jan-94	2.50	5	5			2.25				29
Apr-94	2.50	5	5			2.25				30
Jul-94	35.00	5	5			10.63				31
Oct-94	2.50	5	5			10.63				32
Jan-95	2.50	5	5			10.63				33
Apr-95	2.50	5	5			10.63				34
Jul-95	2.50	5	5			2.50				35
Oct-95	2.50	5	2.5			2.50				36
Apr-96	10.00	5	10			5.00				37
Sep-96	10.00	5	10			10.00	10.00	9/17/1996	semiannual	38
Apr-97	10.00	5	10			10.00	10.00	4/3/1997	semiannual	39
Aug-97	10.00	5	10			10.00	10.00	8/27/1997	semiannual	40
Mar-98	5.00	5	5			7.50	7.50	3/24/1998	semiannual	41
Sep-98	2.70	5	5			3.85	3.85	9/22/1998	semiannual	42
May-99	10.00	5	10			6.35	6.35	5/11/1999	semiannual	43
Oct-99	10.00	5	10			10.00	10.00	10/5/1999	semiannual	44
May-00	10.00	5	10			10.00	10.00	5/16/2000	semiannual	45
Nov-00	5.00	5	5			7.50	7.50	11/28/2000	semiannual	46
Apr-01	5.00	5	5			5.00	5.00	4/4/2001	semiannual	47
Oct-01	1.00	5	5			3.00	3.00	10/18/2001	semiannual	48
Apr-02	5.00	5	5			3.00	3.00	4/18/2002	semiannual	49
Oct-02	5.00	5	5			5.00	5.00	10/3/2002	semiannual	50
Apr-03	5.00	5	5			5.00	5.00	4/25/2003	semiannual	51
Oct-03	5.00	5	5			5.00	5.00	10/3/2003	semiannual	52
Apr-04	5.00	5	5			5.00	5.00	4/1/2004	semiannual	53
Oct-04	5.00	5	5			5.00	5.00	10/19/2004	semiannual	54
Apr-05	5.00	5	5			5.00	5.00	4/22/2005	semiannual	55
Oct-05	0.70	5	5			2.85	2.85	10/7/2005	semiannual	56
May-06	6.20	5	5			3.45	3.45	5/11/2006	semiannual	57
Oct-06	6.20	5	5			6.20	6.20	10/18/2006	semiannual	58
May-07	6.20	5	5			6.20	6.20	5/22/2007	semiannual	59
Oct-07	6.20	5	5			6.20	6.20	10/25/2007	semiannual	60
May-08	6.20	5	5			6.20	6.20	5/8/2008	semiannual	61
Oct-08	6.20	5	5			6.20	6.20	10/23/2008	semiannual	62
May-09	5.00	5	5			5.60	5.60	5/12/2009	semiannual	63
Oct-09	5.00	5	5			5.00	5.00	10/29/2009	semiannual	64

WELL VDM - 11 : TRICHLOROETHENE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	5.00	5	5			5.00	5.00	5/20/2010	semiannual	65
Oct-10	5.00	5	5			5.00	5.00	10/18/2010	semiannual	66
Jun-11	2.00	5	2			3.50	3.50	6/2/2011	semiannual	67
Oct-11	5.00	5	5			3.50	3.50	10/12/2011	semiannual	68
May-12	2.00	5	2			3.50	3.50	5/18/2012	semiannual	69
Oct-12	2.00	5	2			2.00	2.00	10/11/2012	semiannual	70
May-13	2.00	5	2			2.00	2.00	5/17/2013	semiannual	71
Oct-13	2.00	5	2			2.00	2.00	10/11/2013	semiannual	72
May-14	10.00	5	10			6.00	6.00	5/5/2014	semiannual	73
Oct-14	2.00	5	2			6.00	6.00	10/6/2014	semiannual	74
Jul-15	2.00	5	2			2.00	2.00	7/9/2015	semiannual	75
Jul-16	1.00	5	1			1.50	1.50	7/20/2016	Annual	76
Sep-17	0.92	5	0.5			0.96	0.96	9/22/2017	Annual	77
Jul-18	0.96	5	0.5			0.94	0.94	7/24/2018	Annual	78
Aug-19	0.75	5	0.5			0.86	0.86	8/6/2019	Annual	79
Sep-20	1.00	5	0.5			0.88	0.88	9/4/2020	Annual	80
Aug-21	0.53	5	0.5			0.77	0.77	8/3/2021	Annual	81
Aug-22	1.10	5	0.5			0.82	0.82	8/30/2022	Annual	82
Aug-23	0.78	5	0.5			0.94	0.94	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
VINYL CHLORIDE



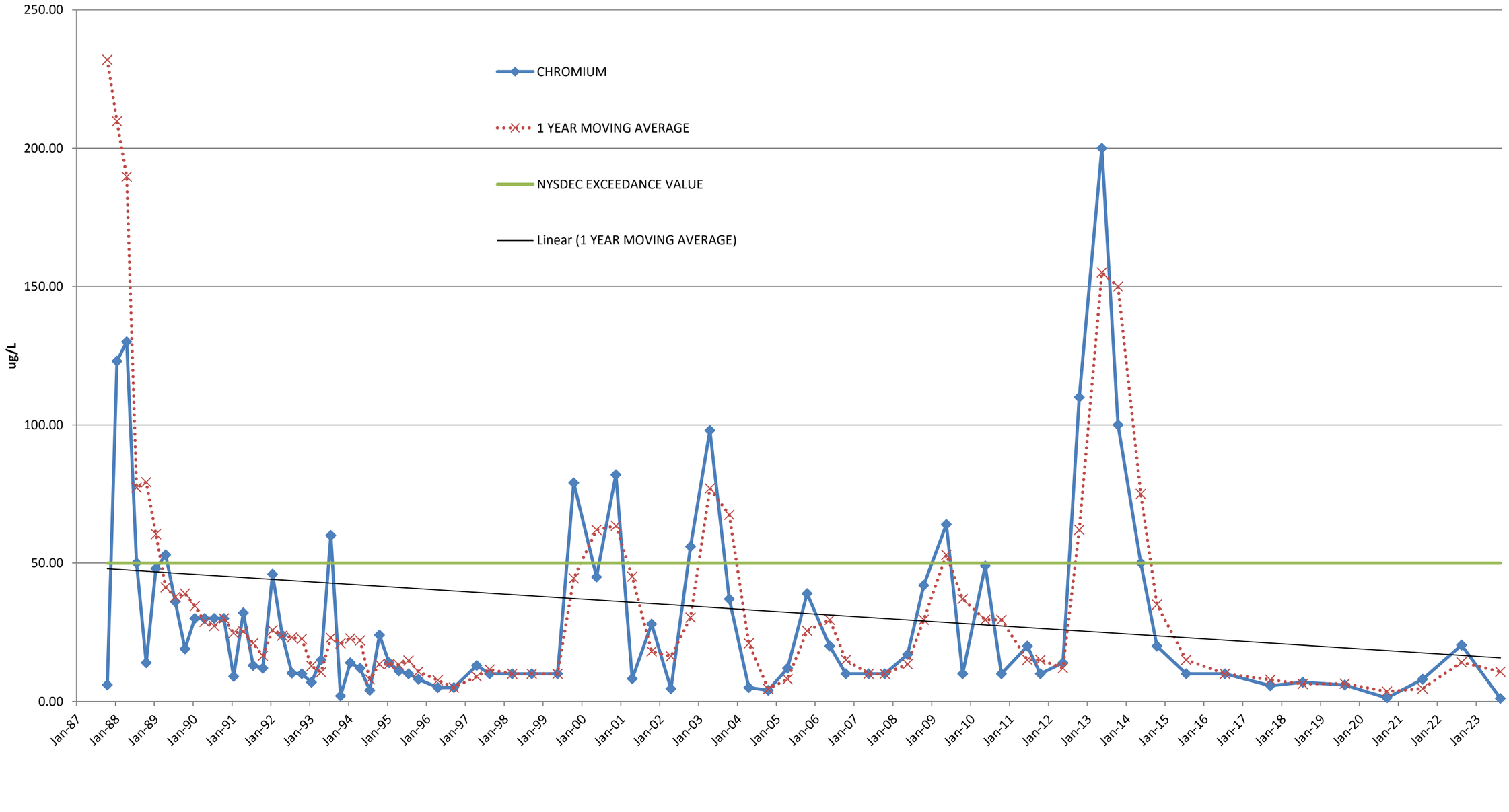
WELL VDM - 11 : VINYL CHLORIDE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87		2	2	TOTAL STD	3.4023					1
Apr-87		2	2	TOTAL Sx	0.3804					2
Jul-87	5.00	2	2	TOTAL MEAI	4.3580					3
Oct-87	5.00	2	2	TOTAL N	81					4
Jan-88	5.00	2	2	TOTAL df	80					5
Apr-88	5.00	2	2			5.00				6
Jul-88	1.00	2	2			4.00				7
Oct-88	1.00	2	2			3.00				8
Jan-89	1.00	2	2			2.00				9
Apr-89	1.00	2	2			1.00				10
Jul-89	3.00	2	2			1.50				11
Oct-89	1.00	2	2			1.50				12
Jan-90	1.00	2	2			1.50				13
Apr-90	1.00	2	2			1.50				14
Jul-90	1.00	2	2			1.00				15
Oct-90	20.00	2	2			5.75				16
Jan-91	2.00	2	2			6.00				17
Apr-91	2.00	2	2			6.25				18
Jul-91	2.00	2	2			6.50				19
Oct-91	2.00	2	2			2.00				20
Jan-92	2.00	2	2			2.00				21
Apr-92	2.00	2	2			2.00				22
Jul-92	2.50	2	2			2.13				23
Oct-92	2.50	2	2			2.25				24
Jan-93	2.50	2	2			2.38				25
Apr-93	3.00	2	2			2.63				26
Jul-93	2.50	2	2			2.63				27
Oct-93	3.00	2	2			2.75				28
Jan-94	3.00	2	2			2.88				29
Apr-94	3.00	2	2			2.88				30
Jul-94	3.00	2	2			3.00				31
Oct-94	3.00	2	2			3.00				32
Jan-95	3.00	2	2			3.00				33
Apr-95	3.00	2	2			3.00				34
Jul-95	3.00	2	2			3.00				35
Oct-95	3.00	2	3			3.00				36
Apr-96	10.00	2	10			5.33				37
Sep-96	10.00	2	10			10.00	10.00	9/17/1996	semiannual	38
Apr-97	10.00	2	10			10.00	10.00	4/3/1997	semiannual	39
Aug-97	10.00	2	10			10.00	10.00	8/27/1997	semiannual	40
Mar-98	10.00	2	10			10.00	10.00	3/24/1998	semiannual	41
Sep-98	10.00	2	10			10.00	10.00	9/22/1998	semiannual	42
May-99	10.00	2	10			10.00	10.00	5/11/1999	semiannual	43
Oct-99	10.00	2	10			10.00	10.00	10/5/1999	semiannual	44
May-00	10.00	2	10			10.00	10.00	5/16/2000	semiannual	45
Nov-00	5.00	2	5			7.50	7.50	11/28/2000	semiannual	46
Apr-01	5.00	2	5			5.00	5.00	4/4/2001	semiannual	47
Oct-01	5.00	2	5			5.00	5.00	10/18/2001	semiannual	48
Apr-02	5.00	2	5			5.00	5.00	4/18/2002	semiannual	49
Oct-02	5.00	2	5			5.00	5.00	10/3/2002	semiannual	50
Apr-03	5.00	2	5			5.00	5.00	4/25/2003	semiannual	51
Oct-03	5.00	2	5			5.00	5.00	10/3/2003	semiannual	52
Apr-04	5.00	2	5			5.00	5.00	4/1/2004	semiannual	53
Oct-04	5.00	2	5			5.00	5.00	10/19/2004	semiannual	54
Apr-05	5.00	2	5			5.00	5.00	4/22/2005	semiannual	55
Oct-05	5.00	2	5			5.00	5.00	10/7/2005	semiannual	56
May-06	8.00	2	5			6.50	6.50	5/11/2006	semiannual	57
Oct-06	8.00	2	5			8.00	8.00	10/18/2006	semiannual	58
May-07	8.00	2	5			8.00	8.00	5/22/2007	semiannual	59
Oct-07	8.00	2	5			8.00	8.00	10/25/2007	semiannual	60
May-08	8.00	2	5			8.00	8.00	5/13/2008	semiannual	61
Oct-08	8.00	2	5			8.00	8.00	10/23/2008	semiannual	62

WELL VDM - 11 : VINYL CHLORIDE

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-09	5.00	2	5			6.50	6.50	5/12/2009	semiannual	63
Oct-09	5.00	2	5			5.00	5.00	10/29/2009	semiannual	64
May-10	5.00	2	5			5.00	5.00	5/20/2010	semiannual	65
Oct-10	5.00	2	5			5.00	5.00	10/18/2010	semiannual	66
Jun-11	2.00	2	2			3.50	3.50	6/2/2011	semiannual	67
Oct-11	5.00	2	5			3.50	3.50	10/12/2011	semiannual	68
May-12	2.00	2	2			3.50	3.50	5/18/2012	semiannual	69
Oct-12	2.00	2	2			2.00	2.00	10/11/2012	semiannual	70
May-13	2.00	2	2			2.00	2.00	5/17/2013	semiannual	71
Oct-13	2.00	2	2			2.00	2.00	10/11/2013	semiannual	72
May-14	10.00	2	10			6.00	6.00	5/5/2014	semiannual	73
Oct-14	2.00	2	2			6.00	6.00	10/6/2014	semiannual	74
Jul-15	2.00	2	2			2.00	2.00	7/6/2015	semiannual	75
Jul-16	1.00	2	1			1.50	1.50	7/20/2016	Annual	76
Sep-17	1.00	2	1			1.00	1.00	9/22/2017	Annual	77
Jul-18	1.00	2	1			1.00	1.00	7/24/2018	Annual	78
Aug-19	1.00	2	1			1.00	1.00	8/6/2019	Annual	79
Sep-20	1.00	2	1			1.00	1.00	9/4/2020	Annual	80
Aug-21	1.00	2	1			1.00	1.00	8/3/2021	Annual	81
Aug-22	1.00	2	1			1.00	1.00	8/30/2022	Annual	81
Aug-23	1.00	2	1			1.00	1.00	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
CHROMIUM



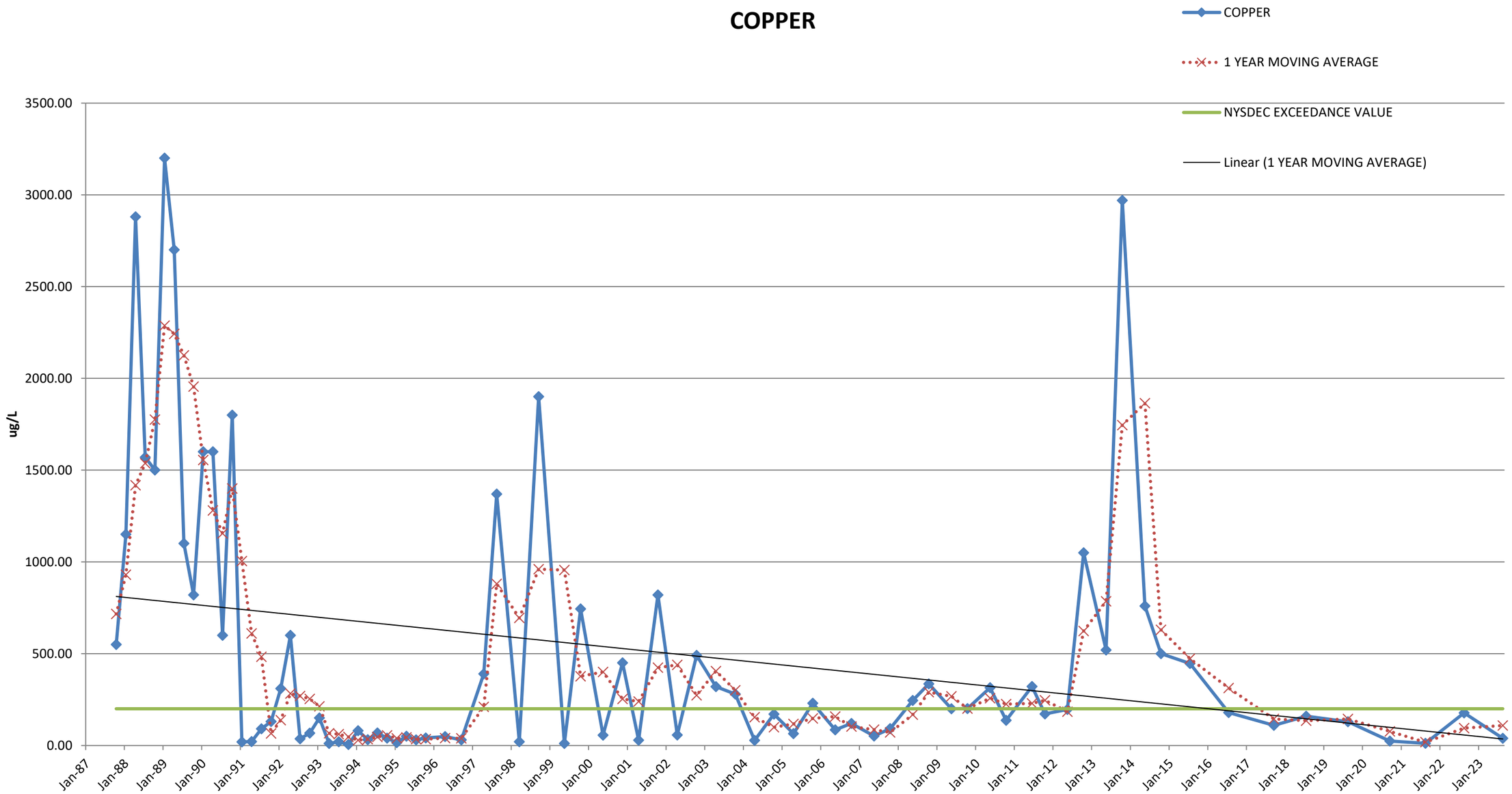
WELL VDM - 11 : CHROMIUM

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87	190.00	50	50	TOTAL STD	64.1733					1
Apr-87		50	50	TOTAL Sx	7.8400					2
Jul-87	500.00	50	50	TOTAL MEAN	36.8549					3
Oct-87	6.00	50	50	TOTAL N	68	232.00				4
Jan-88	123.00	50	50	TOTAL df	67	209.67				5
Apr-88	130.00	50	50			189.75				6
Jul-88	50.00	50	50			77.25				7
Oct-88	14.00	50	50			79.25				8
Jan-89	48.00	50	50			60.50				9
Apr-89	53.00	50	50			41.25				10
Jul-89	36.00	50	50			37.75				11
Oct-89	19.00	50	50			39.00				12
Jan-90	30.00	50	50			34.50				13
Apr-90	30.00	50	50			28.75				14
Jul-90	30.00	50	50			27.25				15
Oct-90	30.00	50	50			30.00				16
Jan-91	9.00	50	50			24.75				17
Apr-91	32.00	50	50			25.25				18
Jul-91	13.00	50	50			21.00				19
Oct-91	12.00	50	50			16.50				20
Jan-92	46.00	50	50			25.75				21
Apr-92	24.00	50	50			23.75				22
Jul-92	10.20	50	50			23.05				23
Oct-92	10.00	50	50			22.55				24
Jan-93	6.90	50	50			12.78				25
Apr-93	15.00	50	50			10.53				26
Jul-93	60.00	50	50			22.98				27
Oct-93	2.00	50	50			20.98				28
Jan-94	14.00	50	50			22.75				29
Apr-94	12.00	50	50			22.00				30
Jul-94	4.00	50	50			8.00				31
Oct-94	24.00	50	50			13.50				32
Jan-95	14.00	50	50			13.50				33
Apr-95	11.00	50	50			13.25				34
Jul-95	10.00	50	50			14.75				35
Oct-95	8.00	50	2			10.75				36
Apr-96	5.00	50	5			7.67				37
Sep-96	5.00	50	5			5.00	5.00	9/17/1996	semiannual	38
Apr-97	13.00	50	20			9.00	9.00	4/3/1997	semiannual	39
Aug-97	10.00	50	5			11.50	11.50	8/27/1997	semiannual	40
Mar-98	10.00	50	10			10.00	10.00	3/24/1998	semiannual	41
Sep-98	10.00	50	10			10.00	10.00	9/22/1998	semiannual	42
May-99	10.00	50	10			10.00	10.00	5/11/1999	semiannual	43
Oct-99	79.00	50	14			44.50	44.50	10/5/1999	semiannual	44
May-00	45.00	50	20			62.00	62.00	5/16/2000	semiannual	45
Nov-00	82.00	50	2			63.50	63.50	11/28/2000	semiannual	46
Apr-01	8.20	50	2			45.10	45.10	4/4/2001	semiannual	47
Oct-01	28.00	50	2			18.10	18.10	10/18/2001	semiannual	48
Apr-02	4.60	50	2			16.30	16.30	4/18/2002	semiannual	49
Oct-02	56.00	50	2			30.30	30.30	10/3/2002	semiannual	50
Apr-03	98.00	50	2			77.00	77.00	4/25/2003	semiannual	51
Oct-03	37.00	50	4			67.50	67.50	10/3/2003	semiannual	52
Apr-04	5.00	50	4			21.00	21.00	4/1/2004	semiannual	53
Oct-04	4.00	50	4			4.50	4.50	10/19/2004	semiannual	54
Apr-05	12.00	50	4			8.00	8.00	4/22/2005	semiannual	55
Oct-05	39.00	50	4			25.50	25.50	10/7/2005	semiannual	56
May-06	20.00	50	4			29.50	29.50	5/11/2006	semiannual	57
Oct-06	10.00	50	4			15.00	15.00	10/18/2006	semiannual	58
May-07	10.00	50	4			10.00	10.00	5/22/2007	semiannual	59
Oct-07	10.00	50	4			10.00	10.00	10/25/2007	semiannual	60
May-08	17.00	50	4			13.50	13.50	5/13/2008	semiannual	61
Oct-08	42.00	50	4			29.50	29.50	10/23/2008	semiannual	62
May-09	64.00	50	4			53.00	53.00	5/12/2009	semiannual	63
Oct-09	10.00	50	4			37.00	37.00	10/29/2009	semiannual	64

WELL VDM - 11 : CHROMIUM

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	49.00	50	4			29.50	29.50	5/20/2010	semiannual	65
Oct-10	10.00	50	4			29.50	29.50	10/18/2010	semiannual	66
Jun-11	20.00	50	4			15.00	15.00	6/2/2011	semiannual	67
Oct-11	10.00	50	10			15.00	15.00	10/12/2011	semiannual	68
May-12	14.00	50	10			12.00	12.00	5/18/2012	semiannual	69
Oct-12	110.00	50	400			62.00	62.00	10/11/2012	semiannual	70
May-13	200.00	50	200			155.00	155.00	5/17/2013	semiannual	71
Oct-13	100.00	50	100			150.00	150.00	10/11/2013	semiannual	72
May-14	50.00	50	30			75.00	75.00	5/5/2014	semiannual	73
Oct-14	20.00	50	10			35.00	35.00	10/6/2014	semiannual	74
Jul-15	10.00	50	50			15.00	15.00	7/9/2015	semiannual	75
Jul-16	10.00	50	10			10.00	10.00	7/20/2016	Annual	76
Sep-17	5.69	50	1			7.85	7.85	9/22/2017	Annual	77
Jul-18	6.90	50	1			6.30	6.30	7/24/2018	Annual	78
Aug-19	5.93	50	1			6.42	6.42	8/6/2019	Annual	79
Sep-20	1.27	50	1			3.60	3.60	9/4/2020	Annual	80
Aug-21	8.00	50	0.5			4.64	4.64	8/3/2021	Annual	81
Aug-22	20.34	50	1			14.17	14.17	8/30/2022	Annual	81
Aug-23	1.07	50	1			10.71	10.71	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
COPPER



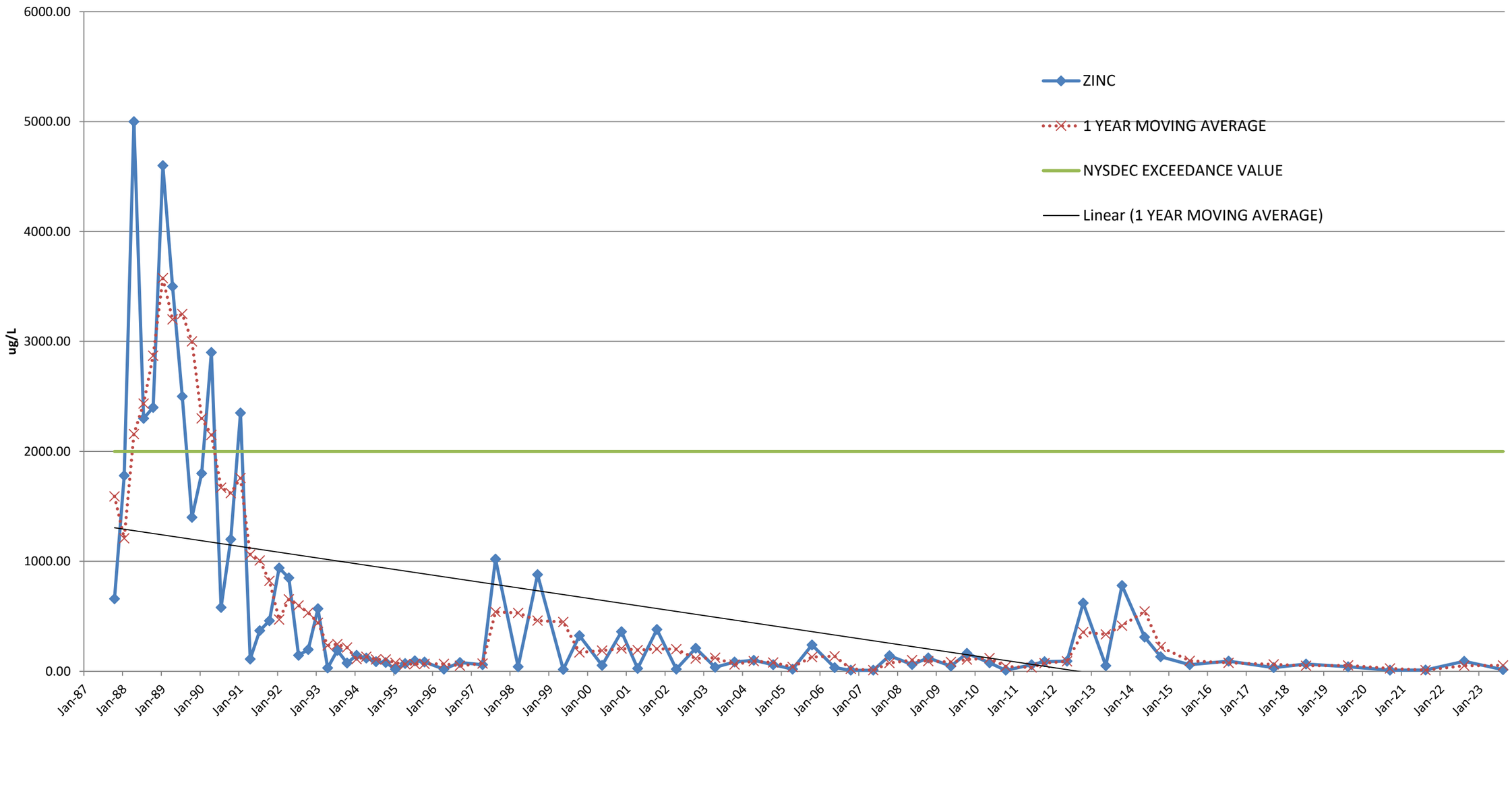
WELL VDM - 11 : COPPER

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Jan-87	510.00	200	200	TOTAL STD	721.9995					1
Apr-87		200	200	TOTAL Sx	88.2063					2
Jul-87	1090.00	200	200	TOTAL MEAN	506.6647					3
Oct-87	550.00	200	200	TOTAL N	68	716.7				4
Jan-88	1150.00	200	200	TOTAL df	67	930.0				5
Apr-88	2880.00	200	200			1417.5				6
Jul-88	1570.00	200	200			1537.5				7
Oct-88	1500.00	200	200			1775.0				8
Jan-89	3200.00	200	200			2287.5				9
Apr-89	2700.00	200	200			2242.5				10
Jul-89	1100.00	200	200			2125.0				11
Oct-89	820.00	200	200			1955.0				12
Jan-90	1600.00	200	200			1555.0				13
Apr-90	1600.00	200	200			1280.0				14
Jul-90	600.00	200	200			1155.0				15
Oct-90	1800.00	200	200			1400.0				16
Jan-91	19.00	200	200			1004.8				17
Apr-91	21.00	200	200			610.0				18
Jul-91	90.00	200	200			482.5				19
Oct-91	130.00	200	200			65.0				20
Jan-92	310.00	200	200			137.8				21
Apr-92	600.00	200	200			282.5				22
Jul-92	35.50	200	200			268.9				23
Oct-92	66.70	200	200			253.1				24
Jan-93	150.00	200	200			213.1				25
Apr-93	10.00	200	200			65.6				26
Jul-93	20.00	200	200			61.7				27
Oct-93	5.00	200	200			46.3				28
Jan-94	80.00	200	200			28.8				29
Apr-94	31.00	200	200			34.0				30
Jul-94	68.00	200	200			46.0				31
Oct-94	40.00	200	200			54.8				32
Jan-95	15.00	200	200			38.5				33
Apr-95	50.00	200	200			43.3				34
Jul-95	30.00	200	200			33.8				35
Oct-95	41.00	200	10			34.0				36
Apr-96	48.00	200	10			39.7				37
Sep-96	30.00	200	30			39.0	39.0	9/17/1996	semiannual	38
Apr-97	390.00	200	10			210.0	210.0	4/3/1997	semiannual	39
Aug-97	1370.00	200	10			880.0	880.0	8/27/1997	semiannual	40
Mar-98	20.00	200	20			695.0	695.0	3/24/1998	semiannual	41
Sep-98	1900.00	200	20			960.0	960.0	9/22/1998	semiannual	42
May-99	10.00	200	10			955.0	955.0	5/11/1999	semiannual	43
Oct-99	744.00	200	10			377.0	377.0	10/5/1999	semiannual	44
May-00	56.00	200	10			400.0	400.0	5/16/2000	semiannual	45
Nov-00	450.00	200	5			253.0	253.0	11/28/2000	semiannual	46
Apr-01	28.00	200	10			239.0	239.0	4/4/2001	semiannual	47
Oct-01	820.00	200	10			424.0	424.0	10/18/2001	semiannual	48
Apr-02	57.00	200	5			438.5	438.5	4/18/2002	semiannual	49
Oct-02	490.00	200	5			273.5	273.5	10/3/2002	semiannual	50
Apr-03	320.00	200	5			405.0	405.0	4/25/2003	semiannual	51
Oct-03	280.00	200	10			300.0	300.0	10/3/2003	semiannual	52
Apr-04	27.00	200	10			153.5	153.5	4/1/2004	semiannual	53
Oct-04	170.00	200	10			98.5	98.5	10/19/2004	semiannual	54
Apr-05	64.00	200	10			117.0	117.0	4/22/2005	semiannual	55
Oct-05	230.00	200	10			147.0	147.0	10/7/2005	semiannual	56
May-06	85.00	200	10			157.5	157.5	5/11/2006	semiannual	57
Oct-06	120.00	200	10			102.5	102.5	10/18/2006	semiannual	58
May-07	51.00	200	10			85.5	85.5	5/22/2007	semiannual	59
Oct-07	91.00	200	10			71.0	71.0	10/25/2007	semiannual	60
May-08	245.00	200	10			168.0	168.0	5/13/2008	semiannual	61
Oct-08	335.00	200	10			290.0	290.0	10/23/2008	semiannual	62
May-09	200.00	200	10			267.5	267.5	5/12/2009	semiannual	63
Oct-09	201.00	200	10			200.5	200.5	10/29/2009	semiannual	64

WELL VDM - 11 : COPPER

SAMPLING EVENT NO.	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
May-10	314.00	200	10			257.5	257.5	5/20/2010	semiannual	65
Oct-10	137.00	200	10			225.5	225.5	10/18/2010	semiannual	66
Jun-11	321.00	200	10			229.0	229.0	6/2/2011	semiannual	67
Oct-11	171.00	200	10			246.0	246.0	10/12/2011	semiannual	68
May-12	196.00	200	10			183.5	183.5	5/18/2012	semiannual	69
Oct-12	1050.00	200	40			623.0	623.0	10/11/2012	semiannual	70
May-13	520.00	200	400			785.0	785.0	5/17/2013	semiannual	71
Oct-13	2970.00	200	20			1745.0	1745.0	10/11/2013	semiannual	72
May-14	760.00	200	32			1865.0	1865.0	5/5/2014	semiannual	73
Oct-14	500.00	200	15			630.0	630.0	10/6/2014	semiannual	74
Jul-15	446.00	200	500			473.0	473.0	7/9/2015	semiannual	75
Jul-16	179.00	200	10			312.5	312.5	10/8/2014	Annual	76
Sep-17	109.30	200	1			144.2	144.2	9/22/2017	Annual	77
Jul-18	159.50	200	1			134.4	134.4	7/24/2018	Annual	78
Aug-19	129.40	200	1			144.5	144.5	8/6/2019	Annual	79
Sep-20	23.94	200	1			76.7	76.7	9/4/2020	Annual	80
Aug-21	11.80	200	2.5			17.9	17.9	8/3/2021	Annual	81
Aug-22	177.40	200	1			94.6	94.6	8/30/2022	Annual	81
Aug-23	38.68	200	1			108.0	108.0	8/15/2023	Annual	82

MOVING AVERAGE TREND TEST
VDM-11
ZINC



WELL VDM - 11 : ZINC

SAMPLING EVENT NO.	CONCEN-TRATION PPB	DEC XCEEDANC VALUE	DETECTION LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
-	-	-	-	-	-	-				-
Jan-87	2920.00	2000	300	TOTAL STD	1029.687					1
Apr-87		2000	300	TOTAL Sx	114.410					2
Jul-87	1190.00	2000	300	TOTAL MEAN	597.310					3
Oct-87	660.00	2000	300	TOTAL N	82	1590.00				4
Jan-88	1780.00	2000	300	TOTAL df	81	1210.00				5
Apr-88	5000.00	2000	300			2157.50				6
Jul-88	2300.00	2000	300			2435.00				7
Oct-88	2400.00	2000	300			2870.00				8
Jan-89	4600.00	2000	300			3575.00				9
Apr-89	3500.00	2000	300			3200.00				10
Jul-89	2500.00	2000	300			3250.00				11
Oct-89	1400.00	2000	300			3000.00				12
Jan-90	1800.00	2000	300			2300.00				13
Apr-90	2900.00	2000	300			2150.00				14
Jul-90	580.00	2000	300			1670.00				15
Oct-90	1200.00	2000	300			1620.00				16
Jan-91	2350.00	2000	300			1757.50				17
Apr-91	110.00	2000	300			1060.00				18
Jul-91	370.00	2000	300			1007.50				19
Oct-91	460.00	2000	300			822.50				20
Jan-92	940.00	2000	300			470.00				21
Apr-92	850.00	2000	300			655.00				22
Jul-92	145.00	2000	300			598.75				23
Oct-92	197.00	2000	300			533.00				24
Jan-93	570.00	2000	300			440.50				25
Apr-93	30.00	2000	300			235.50				26
Jul-93	190.00	2000	300			246.75				27
Oct-93	75.00	2000	300			216.25				28
Jan-94	145.00	2000	300			110.00				29
Apr-94	120.00	2000	300			132.50				30
Jul-94	88.00	2000	300			107.00				31
Oct-94	80.00	2000	300			108.25				32
Jan-95	20.00	2000	300			77.00				33
Apr-95	70.00	2000	300			64.50				34
Jul-95	96.00	2000	300			66.50				35
Oct-95	84.00	2000	20			67.50				36
Apr-96	20.00	2000	20			66.67				37
Sep-96	80.00	2000	20			50.00	50.00	9/17/1996	semiannual	38
Apr-97	60.00	2000	20			70.00	70.00	4/3/1997	semiannual	39
Aug-97	1020.00	2000	20			540.00	540.00	8/27/1997	semiannual	40
Mar-98	41.00	2000	10			530.50	530.50	3/24/1998	semiannual	41
Sep-98	880.00	2000	10			460.50	460.50	9/22/1998	semiannual	42
May-99	16.00	2000	16			448.00	448.00	5/11/1999	semiannual	43
Oct-99	325.00	2000	16			170.50	170.50	10/5/1999	semiannual	44
May-00	53.00	2000	16			189.00	189.00	5/16/2000	semiannual	45
Nov-00	360.00	2000	26			206.50	206.50	11/28/2000	semiannual	46
Apr-01	26.00	2000	26			193.00	193.00	4/4/2001	semiannual	47
Oct-01	380.00	2000	20			203.00	203.00	10/18/2001	semiannual	48
Apr-02	20.00	2000	20			200.00	200.00	4/18/2002	semiannual	49
Oct-02	210.00	2000	20			115.00	115.00	10/3/2002	semiannual	50
Apr-03	36.00	2000	20			123.00	123.00	4/25/2003	semiannual	51
Oct-03	85.00	2000	20			60.50	60.50	10/3/2003	semiannual	52
Apr-04	100.00	2000	20			92.50	92.50	4/1/2004	semiannual	53
Oct-04	59.00	2000	20			79.50	79.50	10/19/2004	semiannual	54
Apr-05	20.00	2000	20			39.50	39.50	4/22/2005	semiannual	55
Oct-05	240.00	2000	20			130.00	130.00	10/7/2005	semiannual	56
May-06	34.00	2000	20			137.00	137.00	5/11/2006	semiannual	57
Oct-06	10.00	2000	20			22.00	22.00	10/18/2006	semiannual	58
May-07	10.00	2000	20			10.00	10.00	5/22/2007	semiannual	59
Oct-07	141.00	2000	20			75.50	75.50	10/25/2007	semiannual	60
May-08	61.00	2000	20			101.00	101.00	5/13/2008	semiannual	61
Oct-08	122.00	2000	20			91.50	91.50	10/23/2008	semiannual	62
May-09	48.00	2000	20			85.00	85.00	5/12/2009	semiannual	63
Oct-09	164.00	2000	20			106.00	106.00	10/29/2009	semiannual	64

WELL VDM - 11 : ZINC

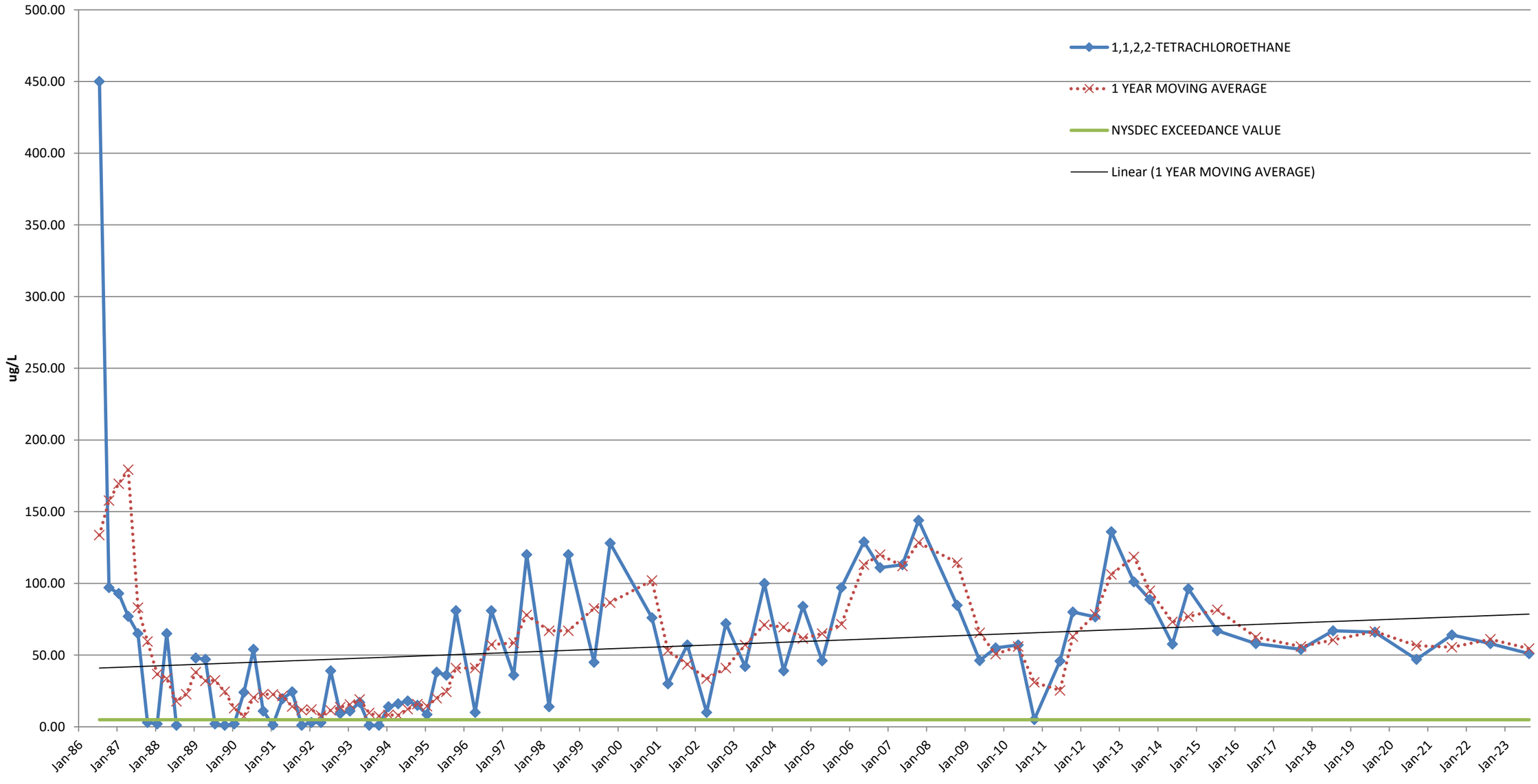
SAMPLING EVENT NO.	CONCEN-TRATION PPB	DEC XCEEDANC VALUE	DETECTION LIMIT	STATISTICS		MOVING AVERAGE				SAMPLING EVENT NO.
May-10	76.00	2000	20			120.00	120.00	5/20/2010	semiannual	65
Oct-10	10.00	2000	20			43.00	43.00	10/18/2010	semiannual	66
Jun-11	59.00	2000	20			34.50	34.50	6/2/2011	semiannual	67
Oct-11	88.00	2000	20			73.50	73.50	10/12/2011	semiannual	68
May-12	92.00	2000	20			90.00	90.00	5/18/2012	semiannual	69
Oct-12	620.00	2000	1280			356.00	356.00	10/11/2012	semiannual	70
May-13	50.00	2000	1000			335.00	335.00	5/17/2013	semiannual	71
Oct-13	780.00	2000	880			415.00	415.00	10/11/2013	semiannual	72
May-14	310.00	2000	544			545.00	545.00	5/5/2014	semiannual	73
Oct-14	132.00	2000	21			221.00	221.00	10/6/2014	semiannual	74
Jul-15	60.00	2000	800			96.00	96.00	7/6/2015	semiannual	75
Jul-16	92.00	2000	50			76.00	76.00	7/20/2016	Annual	76
Sep-17	34.06	2000	10			63.03	63.03	9/22/2017	Annual	77
Jul-18	66.50	2000	10			50.28	50.28	7/24/2018	Annual	78
Aug-19	41.53	2000	10			54.02	54.02	8/6/2019	Annual	79
Sep-20	10.61	2000	10			26.07	26.07	9/4/2020	Annual	80
Aug-21	11.00	2000	5			10.81	10.81	8/3/2021	Annual	81
Aug-22	90.90	2000	10			50.95	50.95	8/30/2022	Annual	81
Aug-23	14.78	2000	10			52.84	52.84	8/15/2023	Annual	82

APPENDIX D4

VDM-14R

ORION

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
1,1,2,2-TETRACHLOROETHANE



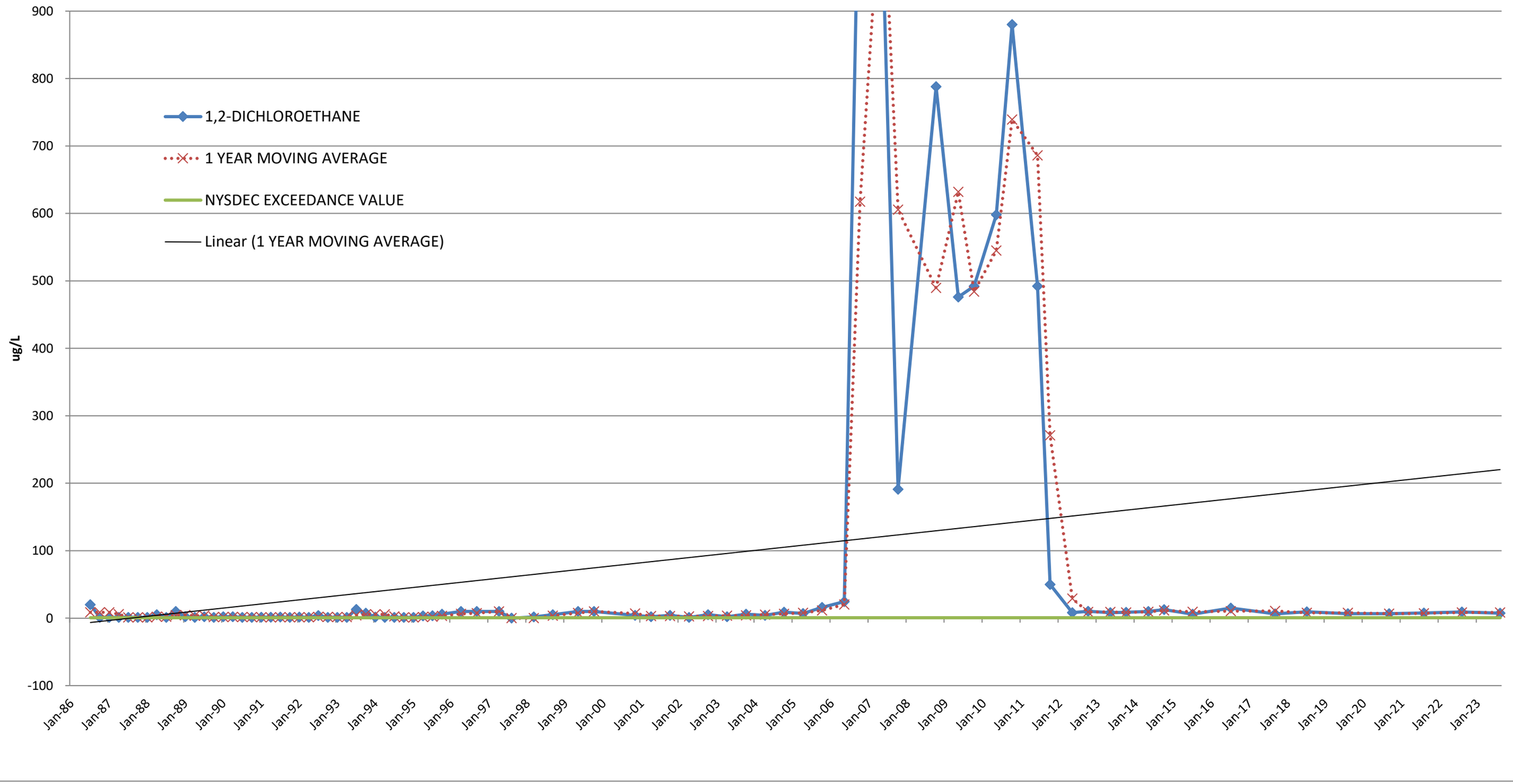
WELL VDM-14 & 14R: 1,1,2,2-TETRACHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-	-	-	-	-	-				-
Oct-85	1.00	5	5	TOTAL STD	57.55415					1
Jan-86	46.00	5	5	TOTAL Sx	6.279673					2
Apr-86	38.00	5	5	TOTAL MEAN	54.70412					3
Jul-86	450.00	5	5	TOTAL N	85	133.75				4
Oct-86	97.00	5	5	TOTAL df	84	157.75				5
Jan-87	93.00	5	5			169.50				6
Apr-87	77.00	5	5			179.25				7
Jul-87	65.00	5	5			83.00				8
Oct-87	3.00	5	5			59.50				9
Jan-88	2.00	5	5			36.75				10
Apr-88	65.00	5	5			33.75				11
Jul-88	1.00	5	5			17.75				12
Oct-88		5	5			22.67				13
Jan-89	48.00	5	5			38.00				14
Apr-89	47.00	5	5			32.00				15
Jul-89	2.00	5	5			32.33				16
Oct-89	1.00	5	5			24.50				17
Jan-90	2.00	5	5			13.00				18
Apr-90	24.00	5	5			7.25				19
Jul-90	54.00	5	5			20.25				20
Oct-90	11.00	5	5			22.75				21
Jan-91	1.25	5	5			22.56				22
Apr-91	19.60	5	5			21.46				23
Jul-91	24.40	5	5			14.06				24
Oct-91	1.00	5	5			11.56				25
Jan-92	3.00	5	5			12.00				26
Apr-92	3.00	5	5			7.85				27
Jul-92	39.00	5	5			11.50				28
Oct-92	9.30	5	5			13.58				29
Jan-93	11.00	5	5			15.58				30
Apr-93	17.00	5	5			19.08				31
Jul-93	1.00	5	5			9.58				32
Oct-93	1.00	5	5			7.50				33
Jan-94	14.00	5	5			8.25				34
Apr-94	16.00	5	5			8.00				35
Jul-94	18.00	5	5			12.25				36
Oct-94	15.00	5	5			15.75				37
Jan-95	8.60	5	5			14.40				38
Apr-95	38.00	5	5			19.90				39
Jul-95	36.00	5	5			24.40				40
Oct-95	81.00	5	2			40.90				41
Apr-96	10.00	5	10			40.9				42
Sep-96	81.00	5	10			57.33333	45.5	9/17/1996	semiannual	43
Apr-97	36.00	5	10			58.5	58.5	4/3/1997	semiannual	44
Aug-97	120.00	5	100			78	78	8/27/1997	semiannual	45
Mar-98	14.00	5	5			67	67	3/24/1998	semiannual	46
Sep-98	120.00	5	5			67	67	9/22/1998	semiannual	47
May-99	45.00	5	10			82.5	82.5	5/11/1999	semiannual	48
Oct-99	128.00	5	10			86.5	86.5	10/5/1999	semiannual	49
Nov-00	76.00	5	5			102	102	11/28/2000	semiannual	50
Apr-01	30.00	5	5			53	53	4/4/2001	semiannual	51
Oct-01	57.00	5	5			43.5	43.5	10/18/2001	semiannual	52
Apr-02	10.00	5	5			33.5	33.5	4/18/2002	semiannual	53
Oct-02	72.00	5	25			41	41	10/3/2002	semiannual	54
Apr-03	42.00	5	10			57	57	4/25/2003	semiannual	55
Oct-03	100.00	5	5			71	71	10/3/2003	semiannual	56
Apr-04	39.00	5	10			69.5	69.5	4/1/2004	semiannual	57
Oct-04	84.00	5	10			61.5	61.5	10/19/2004	semiannual	58
Apr-05	46.00	5	10			65	65	4/22/2005	semiannual	59
Oct-05	97.00	5	10			71.5	71.5	10/7/2005	semiannual	60
May-06	129.00	5	10			113	113	5/11/2006	semiannual	61
Oct-06	111.00	5	10			120	120	10/18/2006	semiannual	62
May-07	113.00	5	10			112	112	5/22/2007	semiannual	63
Oct-07	144.00	5	10			128.5	128.5	10/25/2007	semiannual	64

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

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	84.70	5	10			114.35	114.35	10/23/2008	semiannual	65
May-09	46.20	5	25			65.45	65.45	5/12/2009	semiannual	66
Oct-09	55.00	5	25			50.6	50.6	10/29/2009	semiannual	67
May-10	57.00	5	25			56	56	5/20/2010	semiannual	68
Oct-10	5.00	5	25			31	31	10/18/2010	semiannual	69
Jun-11	45.80	5	25			25.4	25.4	6/2/2011	semiannual	70
Oct-11	80.00	5	50			62.9	62.9	10/12/2011	semiannual	71
May-12	76.60	5	2			78.3	78.3	5/18/2012	semiannual	72
Oct-12	136.00	5	2			106.3	106.3	10/11/2012	semiannual	73
May-13	101.00	5	2			118.5	118.5	5/17/2013	semiannual	74
Oct-13	88.70	5	2			94.85	94.85	10/11/2013	semiannual	75
May-14	57.60	5	2			73.15	73.15	5/5/2014	semiannual	76
Oct-14	96.20	5	2			76.9	76.9	10/6/2014	semiannual	77
Jul-15	66.90	5	2			81.55	81.55	7/6/2015	semiannual	78
Jul-16	58.00	5	1			62.45	62.45	7/20/2016	Annual	79
Sep-17	54.00	5	2			56	56	9/22/2017	Annual	80
Jul-18	67.00	5	2			60.5	60.5	7/24/2018	Annual	81
Aug-19	66.00	5	2.5			66.5	66.5	8/6/2019	Annual	82
Sep-20	47.00	5	1.2			56.5	56.5	9/4/2020	Annual	83
Aug-21	64.00	5	1.2			55.5	55.5	8/3/2021	Annual	84
Aug-22	58.00	5	5			61	61	8/30/2022	Annual	84
Aug-23	51.00	5	1			54.5	54.5	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
1,2-DICHLOROETHANE



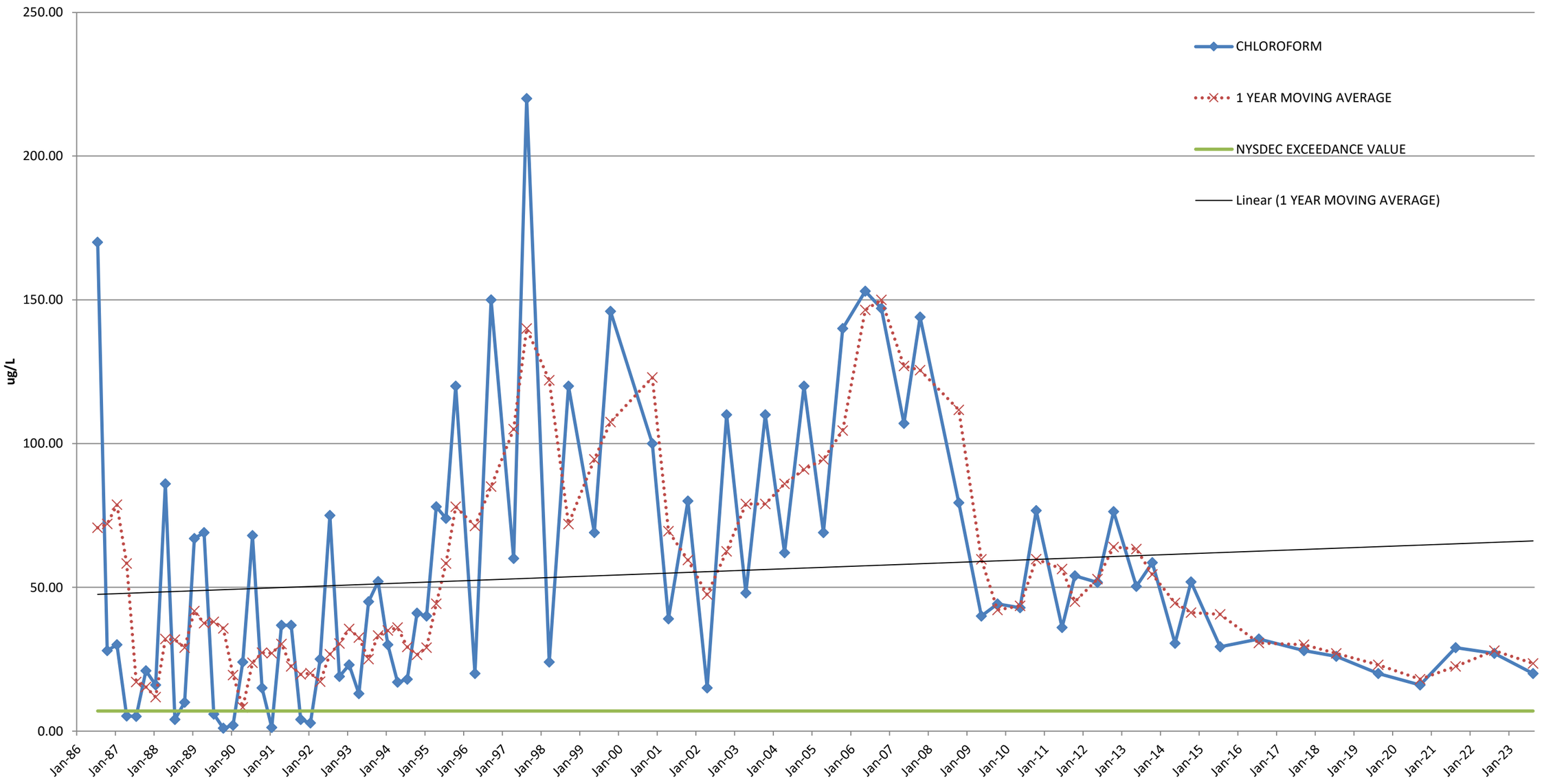
WELL VDM-14 & 14R : 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-	-	-	-	-	-				-
Oct-85	1	0.6	5	TOTAL STD	228.8918					1
Jan-86	1	0.6	5	TOTAL Sx	27.16446					2
Apr-86	13	0.6	5	TOTAL MEAN	76.6593					3
Jul-86	20	0.6	5	TOTAL N	72	8.75				4
Oct-86	1	0.6	5	TOTAL df	71	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			6.47				42
Sep-96	10	0.6	10			7.35	10.00	9/17/1996	semiannual	43
Apr-97	10	0.6	10			10.00	10.00	4/3/1997	semiannual	44
Aug-97	ND*	0.6	100			#VALUE!	#VALUE!	8/27/1997	semiannual	45
Mar-98	1.9	0.6	5			#VALUE!	#VALUE!	3/24/1998	semiannual	46
Sep-98	5.1	0.6	5			3.50	3.50	9/22/1998	semiannual	47
May-99	10	0.6	10			7.55	7.55	5/11/1999	semiannual	48
Oct-99	10	0.6	10			10.00	10.00	10/5/1999	semiannual	49
Nov-00	4	0.6	5			7.00	7.00	11/28/2000	semiannual	50
Apr-01	2	0.6	5			3.00	3.00	4/4/2001	semiannual	51
Oct-01	4	0.6	5			3.00	3.00	10/18/2001	semiannual	52
Apr-02	1	0.6	5			2.50	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			3.50	3.50	4/25/2003	semiannual	55
Oct-03	6	0.6	5			4.00	4.00	10/3/2003	semiannual	56
Apr-04	4	0.6	10			5.00	5.00	4/1/2004	semiannual	57
Oct-04	9	0.6	10			6.50	6.50	10/19/2004	semiannual	58
Apr-05	7	0.6	10			8.00	8.00	4/22/2005	semiannual	59
Oct-05	16	0.6	10			11.50	11.50	10/7/2005	semiannual	60
May-06	24.6	0.6	10			20.30	20.30	5/11/2006	semiannual	61
Oct-06	1210	0.6	10			617.30	617.30	10/18/2006	semiannual	62
May-07	1020	0.6	10			1115.00	1115.00	5/22/2007	semiannual	63
Oct-07	191	0.6	10			605.50	605.50	10/25/2007	semiannual	64

WELL VDM-14 & 14R : 1,2-DICHLOROETHANE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
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	7/6/2015	semiannual	78
Jul-16	15	0.6	1.5			10.50	10.50	7/20/2016	Annual	79
Sep-17	6.3	0.6	0.5			10.65	10.65	9/22/2017	Annual	80
Jul-18	9.4	0.6	2.5			7.85	7.85	7/24/2018	Annual	81
Aug-19	6.6	0.6	2.5			8.00	8.00	8/1/2019	Annual	82
Sep-20	6.7	0.6	1.2			6.65	6.65	9/4/2020	Annual	83
Aug-21	7.7	0.6	0.5			7.20	7.20	8/3/2021	Annual	84
Aug-22	9.2	0.6	0.6			8.45	8.45	8/30/2022	Annual	85
Aug-23	7.4	0.6	1			8.30	8.30	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
CHLOROFORM



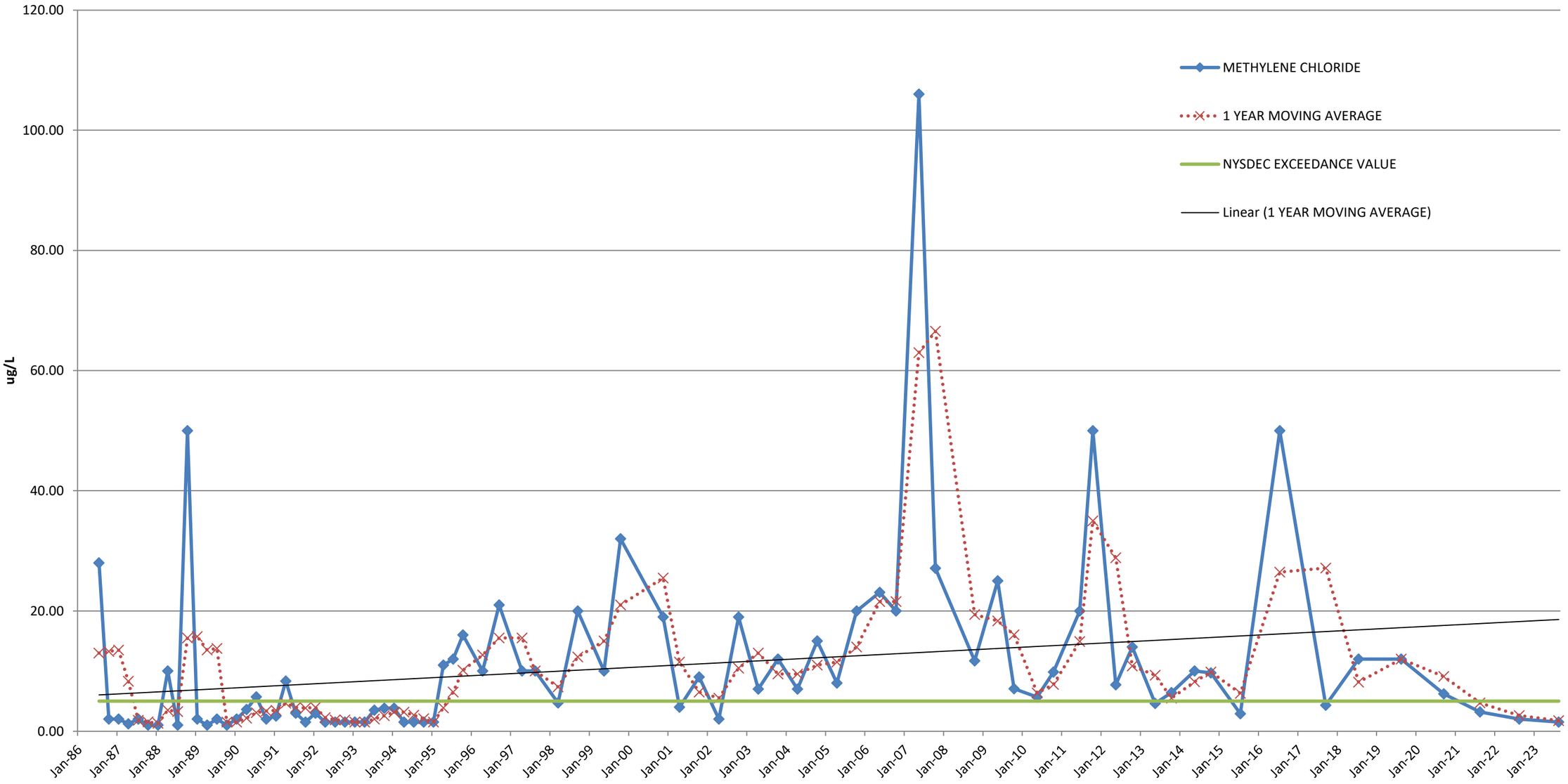
WELL VDM-14 & 14R: CHLOROFORM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-	-	-	-	-	-				-
Oct-85	22.70	7	8	TOTAL STD	45.80498					1
Jan-86	3.20	7	8	TOTAL Sx	5.436051					2
Apr-86	87.00	7	8	TOTAL MEAN	54.23895					3
Jul-86	170.00	7	8	TOTAL N	72	70.73				4
Oct-86	28.00	7	8	TOTAL df	71	72.05				5
Jan-87	30.00	7	8			78.75				6
Apr-87	5.20	7	8			58.30				7
Jul-87	5.10	7	8			17.08				8
Oct-87	21.00	7	8			15.33				9
Jan-88	16.00	7	8			11.83				10
Apr-88	86.00	7	8			32.03				11
Jul-88	4.00	7	8			31.75				12
Oct-88	10.00	7	8			29.00				13
Jan-89	67.00	7	8			41.75				14
Apr-89	69.00	7	8			37.50				15
Jul-89	5.90	7	8			37.98				16
Oct-89	1.00	7	8			35.73				17
Jan-90	2.00	7	8			19.48				18
Apr-90	24.00	7	8			8.23				19
Jul-90	68.00	7	8			23.75				20
Oct-90	15.00	7	8			27.25				21
Jan-91	1.25	7	8			27.06				22
Apr-91	36.80	7	8			30.26				23
Jul-91	36.80	7	8			22.46				24
Oct-91	4.00	7	8			19.71				25
Jan-92	2.80	7	8			20.10				26
Apr-92	25.00	7	8			17.15				27
Jul-92	75.00	7	8			26.70				28
Oct-92	19.00	7	8			30.45				29
Jan-93	23.00	7	8			35.50				30
Apr-93	13.00	7	8			32.50				31
Jul-93	45.00	7	8			25.00				32
Oct-93	52.00	7	8			33.25				33
Jan-94	30.00	7	8			35.00				34
Apr-94	17.00	7	8			36.00				35
Jul-94	18.00	7	8			29.25				36
Oct-94	41.00	7	8			26.50				37
Jan-95	40.00	7	8			29.00				38
Apr-95	78.00	7	8			44.25				39
Jul-95	74.00	7	8			58.25				40
Oct-95	120.00	7	8			78.00				41
Apr-96	20.00	7	8			71.33				42
Sep-96	150.00	7	10			85.00	85	9/17/1996	semiannual	43
Apr-97	60.00	7	10			105.00	105	4/3/1997	semiannual	44
Aug-97	220.00	7	100			140.00	140	8/27/1997	semiannual	45
Mar-98	24.00	7	5			122.00	122	3/24/1998	semiannual	46
Sep-98	120.00	7	5			72.00	72	9/22/1998	semiannual	47
May-99	69.00	7	10			94.50	94.5	5/11/1999	semiannual	48
Oct-99	146.00	7	10			107.50	107.5	10/5/1999	semiannual	49
Nov-00	100.00	7	5			123.00	123	11/28/2000	semiannual	50
Apr-01	39.00	7	5			69.50	69.5	4/4/2001	semiannual	51
Oct-01	80.00	7	5			59.50	59.5	10/18/2001	semiannual	52
Apr-02	15.00	7	5			47.50	47.5	4/18/2002	semiannual	53
Oct-02	110.00	7	25			62.50	62.5	10/3/2002	semiannual	54
Apr-03	48.00	7	10			79.00	79	4/25/1993	semiannual	55
Oct-03	110.00	7	5			79.00	79	10/3/2003	semiannual	56
Apr-04	62.00	7	5			86.00	86	4/1/2004	semiannual	57
Oct-04	120.00	7	5			91.00	91	10/19/2004	semiannual	58
Apr-05	69.00	7	5			94.50	94.5	4/22/2005	semiannual	59
Oct-05	140.00	7	5			104.50	104.5	10/7/2005	semiannual	60
May-06	153.00	7	5			146.50	146.5	5/11/2006	semiannual	61
Oct-06	147.00	7	5			150.00	150	10/18/2006	semiannual	62
May-07	107.00	7	5			127.00	127	5/22/2007	semiannual	63
Oct-07	144.00	7	5			125.50	125.5	10/25/2007	semiannual	64

WELL VDM-14 & 14R: CHLOROFORM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	79.40	7	5			111.70	111.7	10/23/2008	semiannual	65
May-09	40.00	7	5			59.70	59.7	5/12/2009	semiannual	66
Oct-09	44.20	7	5			42.10	42.1	10/29/2009	semiannual	67
May-10	42.90	7	5			43.55	43.55	5/20/2010	semiannual	68
Oct-10	76.70	7	5			59.80	59.8	10/18/2010	semiannual	69
Jun-11	36.00	7	5			56.35	56.35	6/2/2011	semiannual	70
Oct-11	54.00	7	50			45.00	45	10/12/2011	semiannual	71
May-12	51.70	7	2			52.85	52.85	5/18/2012	semiannual	72
Oct-12	76.30	7	2			64.00	64	10/11/2012	semiannual	73
May-13	50.30	7	2			63.30	63.3	5/17/2013	semiannual	74
Oct-13	58.60	7	2			54.45	54.45	10/11/2013	semiannual	75
May-14	30.50	7	2			44.55	44.55	5/5/2014	semiannual	76
Oct-14	51.90	7	2			41.20	41.2	10/6/2014	semiannual	76
Jul-15	29.30	7	2			40.60	40.6	7/9/2015	semiannual	77
Jul-16	32.00	7	1.5			30.65	30.65	7/20/2016	Annual	78
Sep-17	28.00	7	10			30.00	30	9/22/2017	Annual	79
Jul-18	26.00	7	12			27.00	27	7/24/2018	Annual	80
Aug-19	20.00	7	12			23.00	23	8/6/2019	Annual	81
Sep-20	16.00	7	6.2			18.00	18	9/4/2020	Annual	82
Aug-21	29.00	7	2.5			22.50	22.5	8/3/2021	Annual	83
Aug-22	27.00	7	5			28.00	28	8/30/2022	Annual	83
Aug-23	20.00	7	5			23.50	23.5	8/15/2023	Annual	84

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
METHYLENE CHLORIDE



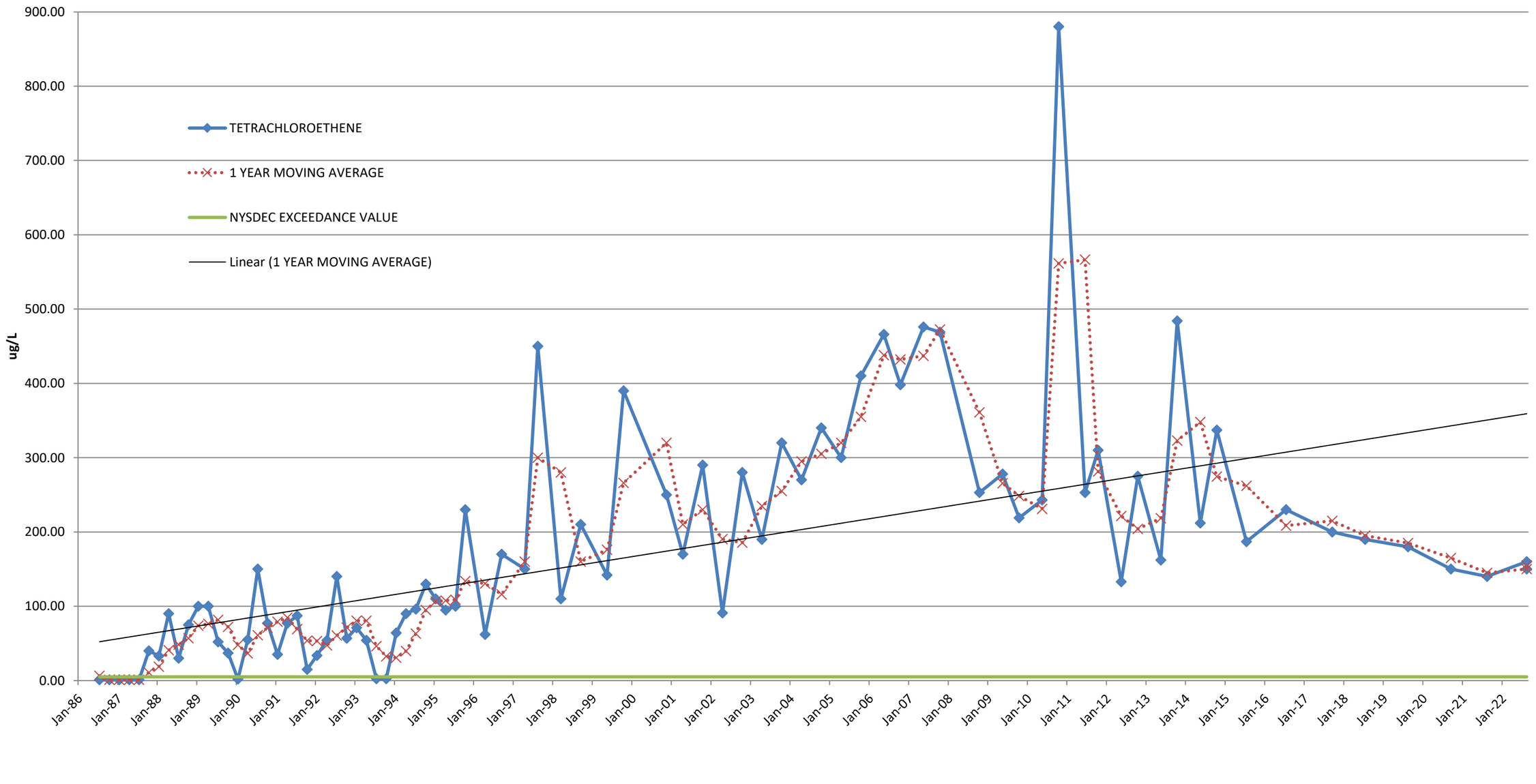
WELL VDM-14 & 14R: METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-	-	-	-	-	-				-
Oct-85	1.00	5	5	TOTAL STD	15.41251					1
Jan-86	1.00	5	5	TOTAL Sx	1.829129					2
Apr-86	22.00	5	5	TOTAL MEAN	10.78167					3
Jul-86	28.00	5	5	TOTAL N	72	13.0				4
Oct-86	2.00	5	5	TOTAL df	71	13.3				5
Jan-87	2.00	5	5			13.5				6
Apr-87	1.20	5	5			8.3				7
Jul-87	2.00	5	5			1.8				8
Oct-87	1.00	5	5			1.6				9
Jan-88	1.00	5	5			1.3				10
Apr-88	10.00	5	5			3.5				11
Jul-88	1.00	5	5			3.3				12
Oct-88	50.00	5	5			15.5				13
Jan-89	2.00	5	5			15.8				14
Apr-89	1.00	5	5			13.5				15
Jul-89	2.00	5	5			13.8				16
Oct-89	1.00	5	5			1.5				17
Jan-90	2.00	5	5			1.5				18
Apr-90	3.60	5	5			2.2				19
Jul-90	5.70	5	5			3.1				20
Oct-90	2.00	5	5			3.3				21
Jan-91	2.50	5	5			3.5				22
Apr-91	8.32	5	5			4.6				23
Jul-91	3.00	5	5			4.0				24
Oct-91	1.50	5	5			3.8				25
Jan-92	3.00	5	5			4.0				26
Apr-92	1.50	5	5			2.3				27
Jul-92	1.50	5	5			1.9				28
Oct-92	1.50	5	5			1.9				29
Jan-93	1.50	5	5			1.5				30
Apr-93	1.50	5	5			1.5				31
Jul-93	3.50	5	5			2.0				32
Oct-93	3.80	5	5			2.6				33
Jan-94	3.80	5	5			3.2				34
Apr-94	1.50	5	5			3.2				35
Jul-94	1.50	5	5			2.7				36
Oct-94	1.50	5	5			2.1				37
Jan-95	1.50	5	5			1.5				38
Apr-95	11.00	5	5			3.9				39
Jul-95	12.00	5	5			6.5				40
Oct-95	16.00	5	5			10.1				41
Apr-96	10.00	5	10			12.7				42
Sep-96	21.00	5	10			15.5	15.5	9/17/1996	semiannual	43
Apr-97	10.00	5	10			15.5	15.5	4/3/1997	semiannual	44
Aug-97	10.00	5	100			10.0	10.0	8/27/1997	semiannual	45
Mar-98	4.70	5	5			7.4	7.4	3/24/1998	semiannual	46
Sep-98	20.00	5	5			12.4	12.4	9/22/1998	semiannual	47
May-99	10.00	5	10			15.0	15.0	5/11/1999	semiannual	48
Oct-99	32.00	5	10			21.0	21.0	10/5/1999	semiannual	49
Nov-00	19.00	5	5			25.5	25.5	11/28/2000	semiannual	50
Apr-01	4.00	5	5			11.5	11.5	4/4/2001	semiannual	51
Oct-01	9.00	5	5			6.5	6.5	10/18/2001	semiannual	52
Apr-02	2.00	5	5			5.5	5.5	4/18/2002	semiannual	53
Oct-02	19.00	5	25			10.5	10.5	10/3/2002	semiannual	54
Apr-03	7.00	5	10			13.0	13.0	4/25/2003	semiannual	55
Oct-03	12.00	5	5			9.5	9.5	10/3/2003	semiannual	56
Apr-04	7.00	5	10			9.5	9.5	4/1/2004	semiannual	57
Oct-04	15.00	5	10			11.0	11.0	10/19/2004	semiannual	58
Apr-05	8.00	5	10			11.5	11.5	4/22/2005	semiannual	59
Oct-05	20.00	5	10			14.0	14.0	10/7/2005	semiannual	60
May-06	23.10	5	10			21.6	21.6	5/11/2006	semiannual	61
Oct-06	20.00	5	10			21.6	21.6	10/18/2006	semiannual	62
May-07	106.00	5	10			63.0	63.0	5/22/2007	semiannual	63
Oct-07	27.10	5	10			66.6	66.6	10/25/2007	semiannual	64

WELL VDM-14 & 14R: METHYLENE CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	11.70	5	10			19.4	19.4	10/23/2008	semiannual	65
May-09	25.00	5	25			18.4	18.4	5/12/2009	semiannual	66
Oct-09	7.05	5	25			16.0	16.0	10/29/2009	semiannual	67
May-10	5.68	5	25			6.4	6.4	5/20/2010	semiannual	68
Oct-10	9.83	5	25			7.8	7.8	10/18/2010	semiannual	69
Jun-11	20.00	5	20			14.9	14.9	6/2/2011	semiannual	70
Oct-11	50.00	5	50			35.0	35.0	10/12/2011	semiannual	71
May-12	7.70	5	2			28.9	28.9	5/18/2012	semiannual	72
Oct-12	14.00	5	2			10.9	10.9	10/11/2012	semiannual	73
May-13	4.60	5	2			9.3	9.3	5/17/2013	semiannual	74
Oct-13	6.40	5	2			5.5	5.5	10/11/2013	semiannual	75
May-14	10.00	5	10			8.2	8.2	5/5/2014	semiannual	76
Oct-14	9.70	5	2			9.9	9.9	10/6/2014	semiannual	77
Jul-15	2.90	5	1			6.3	6.3	7/9/2015	semiannual	78
Jul-16	50.00	5	5			26.5	26.5	7/20/2016	Annual	79
Sep-17	4.30	5	10			27.2	27.2	9/22/2017	Annual	80
Jul-18	12.00	5	12			8.2	8.2	7/24/2018	Annual	81
Aug-19	12.00	5	12			12.0	12.0	8/6/2019	Annual	82
Sep-20	6.20	5	6.2			9.1	9.1	9/4/2020	Annual	83
Aug-21	3.20	5	2.5			4.7	4.7	8/3/2021	Annual	84
Aug-22	2.00	5	5			2.6	2.6	8/30/2022	Annual	84
Aug-23	1.50	5	5			1.8	1.8	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
TETRACHLOROETHENE



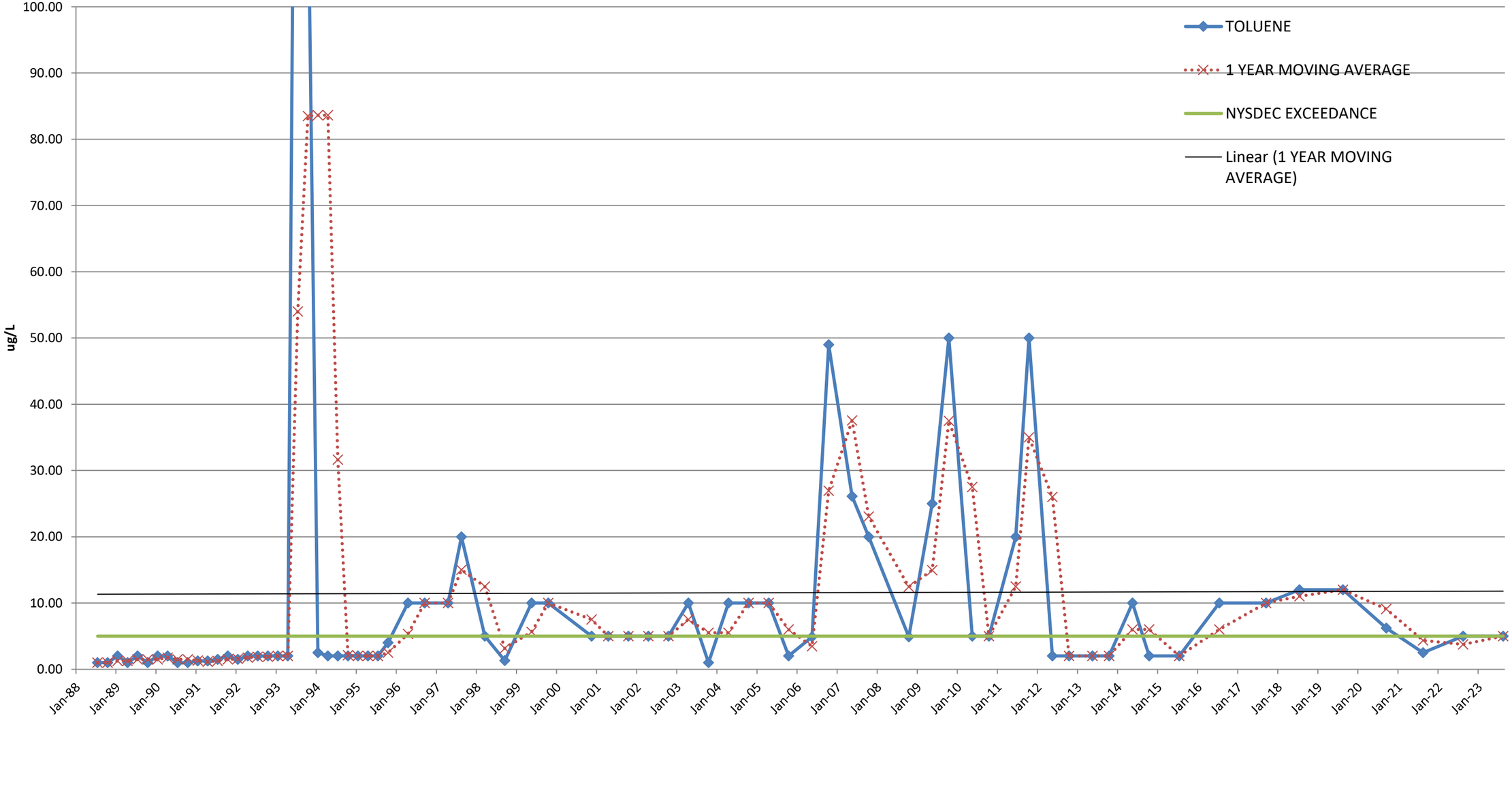
WELL VDM-14 & 14R: TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Oct-85	22.40	5	5	TOTAL STD	150.8419					1
Jan-86	1.00	5	5	TOTAL Sx	16.3611					2
Apr-86	1.00	5	5	TOTAL MEAN	167.9593					3
Jul-86	1.00	5	5	TOTAL N	86	6.35				4
Oct-86	1.00	5	5	TOTAL df	85	1.00				5
Jan-87	1.00	5	5			1.00				6
Apr-87	1.00	5	5			1.00				7
Jul-87	1.00	5	5			1.00				8
Oct-87	40.00	5	5			10.75				9
Jan-88	33.00	5	5			18.75				10
Apr-88	90.00	5	5			41.00				11
Jul-88	30.00	5	5			48.25				12
Oct-88	75.00	5	5			57.00				13
Jan-89	100.00	5	5			73.75				14
Apr-89	100.00	5	5			76.25				15
Jul-89	52.00	5	5			81.75				16
Oct-89	37.00	5	5			72.25				17
Jan-90	2.00	5	5			47.75				18
Apr-90	55.00	5	5			36.50				19
Jul-90	150.00	5	5			61.00				20
Oct-90	77.00	5	5			71.00				21
Jan-91	35.00	5	5			79.25				22
Apr-91	77.10	5	5			84.78				23
Jul-91	87.30	5	5			69.10				24
Oct-91	15.00	5	5			53.60				25
Jan-92	33.70	5	5			53.28				26
Apr-92	54.00	5	5			47.50				27
Jul-92	140.00	5	5			60.68				28
Oct-92	57.00	5	5			71.18				29
Jan-93	71.00	5	5			80.50				30
Apr-93	54.00	5	5			80.50				31
Jul-93	2.50	5	5			46.13				32
Oct-93	2.50	5	5			32.50				33
Jan-94	64.00	5	5			30.75				34
Apr-94	90.00	5	5			39.75				35
Jul-94	96.00	5	5			63.13				36
Oct-94	130.00	5	5			95.00				37
Jan-95	110.00	5	5			106.50				38
Apr-95	95.00	5	5			107.75				39
Jul-95	100.00	5	5			108.75				40
Oct-95	230.00	5	5			133.75				41
Apr-96	62.00	5	5			130.67				42
Sep-96	170.00	5	10			116.00	116.00	9/17/1996	semiannual	43
Apr-97	150.00	5	10			160.00	160.00	4/3/1997	semiannual	44
Aug-97	450.00	5	100			300.00	300.00	8/27/1997	semiannual	45
Mar-98	110.00	5	5			280.00	280.00	3/24/1998	semiannual	46
Sep-98	210.00	5	5			160.00	160.00	9/22/1998	semiannual	47
May-99	142.00	5	10			176.00	176.00	5/11/1999	semiannual	48
Oct-99	390.00	5	10			266.00	266.00	10/5/1999	semiannual	49
Nov-00	250.00	5	5			320.00	320.00	11/28/2000	semiannual	50
Apr-01	170.00	5	5			210.00	210.00	4/4/2001	semiannual	51
Oct-01	290.00	5	5			230.00	230.00	10/18/2001	semiannual	52
Apr-02	91.00	5	5			190.50	190.50	4/18/2002	semiannual	53
Oct-02	280.00	5	25			185.50	185.50	10/3/2002	semiannual	54
Apr-03	190.00	5	10			235.00	235.00	4/25/2003	semiannual	55
Oct-03	320.00	5	5			255.00	255.00	10/3/2003	semiannual	56
Apr-04	270.00	5	5			295.00	295.00	4/1/2004	semiannual	57
Oct-04	340.00	5	5			305.00	305.00	10/19/2004	semiannual	58
Apr-05	300.00	5	5			320.00	320.00	4/22/2005	semiannual	59
Oct-05	410.00	5	5			355.00	355.00	10/7/2005	semiannual	60
May-06	466.00	5	5			438.00	438.00	5/11/2006	semiannual	61
Oct-06	398.00	5	5			432.00	432.00	10/18/2006	semiannual	62
May-07	476.00	5	5			437.00	437.00	5/22/2007	semiannual	63
Oct-07	469.00	5	5			472.50	472.50	10/25/2007	semiannual	64

WELL VDM-14 & 14R: TETRACHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	253.00	5	5			361.00	361.00	10/23/2008	semiannual	65
May-09	278.00	5	25			265.50	265.50	5/12/2009	semiannual	66
Oct-09	219.00	5	25			248.50	248.50	10/29/2009	semiannual	67
May-10	243.00	5	25			231.00	231.00	5/20/2010	semiannual	68
Oct-10	880.00	5	25			561.50	561.50	10/18/2010	semiannual	69
Jun-11	253.00	5	25			566.50	566.50	6/2/2011	semiannual	70
Oct-11	310.00	5	25			281.50	281.50	10/12/2011	semiannual	71
May-12	133.00	5	2			221.50	221.50	5/18/2012	semiannual	72
Oct-12	275.00	5	2			204.00	204.00	10/11/2012	semiannual	73
May-13	162.00	5	2			218.50	218.50	5/17/2013	semiannual	74
Oct-13	484.00	5	2			323.00	323.00	10/11/2013	semiannual	75
May-14	212.00	5	2			348.00	348.00	5/5/2014	semiannual	76
Oct-14	337.00	5	2			274.50	274.50	10/6/2014	semiannual	77
Jul-15	187.00	5	2			262.00	262.00	7/9/2015	semiannual	78
Jul-16	230.00	5	1.5			208.50	208.50	7/20/2016	Annual	79
Sep-17	200.00	5	2			215.00	215.00	9/22/2017	Annual	80
Jul-18	190.00	5	2.5			195.00	195.00	7/24/2018	Annual	81
Aug-19	180.00	5	2.5			185.00	185.00	8/6/2019	Annual	82
Sep-20	150.00	5	1.2			165.00	165.00	9/4/2020	Annual	83
Aug-21	140.00	5	0.5			145.00	145.00	8/3/2021	Annual	84
Aug-22	160.00	5	1			150.00	150.00	8/30/2022	Annual	84
Aug-22	150.00	5	1			155.00	155.00	8/30/2022	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
TOLUENE



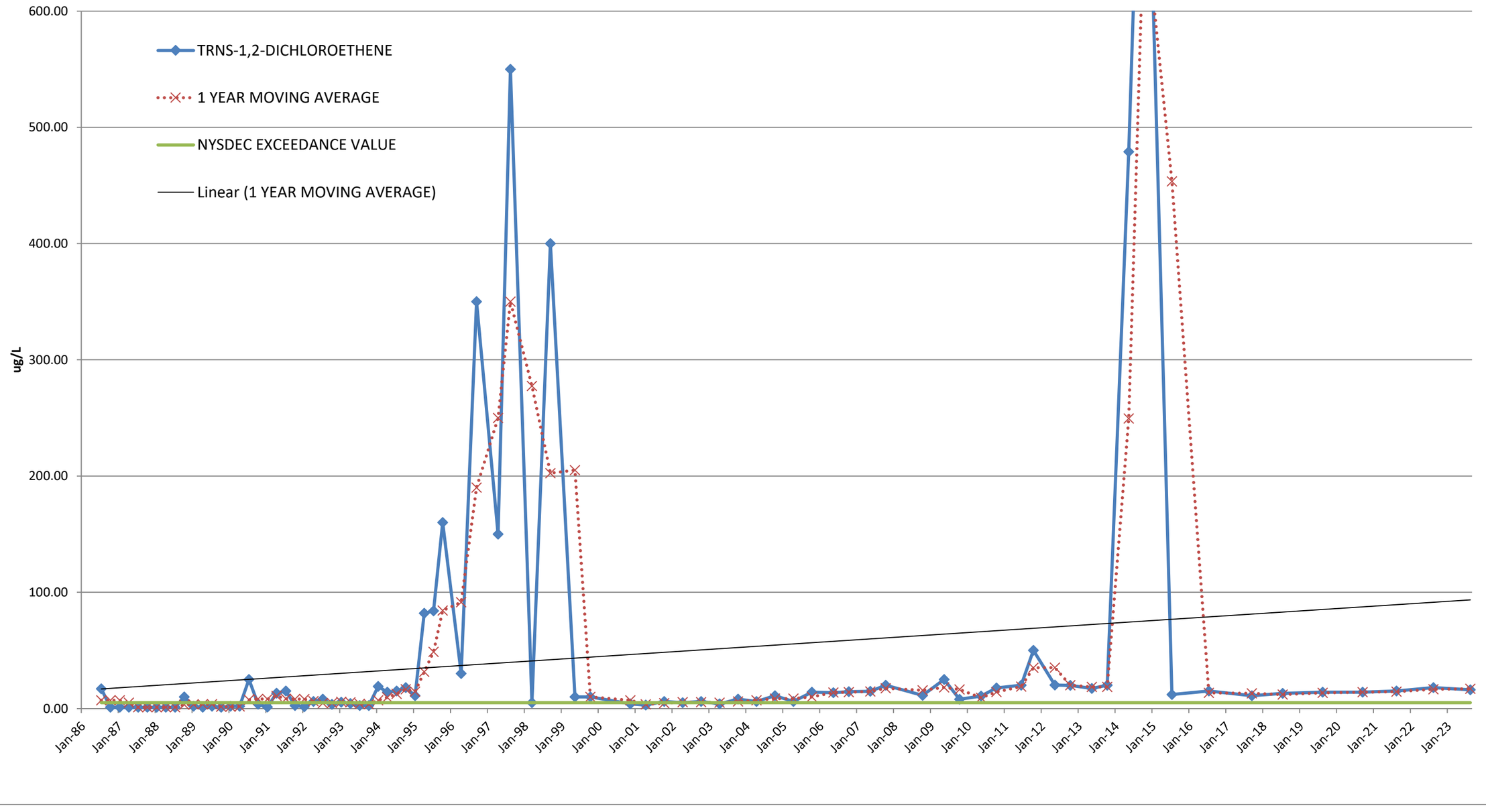
WELL VDM-14 & 14R: TOLUENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
----------	-	-	-	-	-	-				-
Oct-85		5	5	TOTAL STD	27.87914					1
Jan-86		5	5	TOTAL Sx	3.177122					2
Apr-86		5	5	TOTAL MEAN	11.17821					3
Jul-86		5	5	TOTAL N	78					4
Oct-86		5	5	TOTAL df	77					5
Jan-87		5	5							6
Apr-87		5	5							7
Jul-87		5	5							8
Oct-87	1.00	5	5							9
Jan-88	1.00	5	5							10
Apr-88	1.00	5	5							11
Jul-88	1.00	5	5			1.0				12
Oct-88	1.00	5	5			1.0				13
Jan-89	2.00	5	5			1.3				14
Apr-89	1.00	5	5			1.3				15
Jul-89	2.00	5	5			1.5				16
Oct-89	1.00	5	5			1.5				17
Jan-90	2.00	5	5			1.5				18
Apr-90	2.00	5	5			1.8				19
Jul-90	1.00	5	5			1.5				20
Oct-90	1.00	5	5			1.5				21
Jan-91	1.25	5	5			1.3				22
Apr-91	1.25	5	5			1.1				23
Jul-91	1.50	5	5			1.3				24
Oct-91	2.00	5	5			1.5				25
Jan-92	1.50	5	5			1.6				26
Apr-92	2.00	5	5			1.8				27
Jul-92	2.00	5	5			1.9				28
Oct-92	2.00	5	5			1.9				29
Jan-93	2.00	5	5			2.0				30
Apr-93	2.00	5	5			2.0				31
Jul-93	210.00	5	5			54.0				32
Oct-93	120.00	5	5			83.5				33
Jan-94	2.50	5	5			83.6				34
Apr-94	2.00	5	5			83.6				35
Jul-94	2.00	5	5			31.6				36
Oct-94	2.00	5	5			2.1				37
Jan-95	2.00	5	5			2.0				38
Apr-95	2.00	5	5			2.0				39
Jul-95	2.00	5	5			2.0				40
Oct-95	4.00	5	4			2.5				41
Apr-96	10.00	5	10			5.3				42
Sep-96	10.00	5	10			10.0	10.0	9/17/1996	semiannual	43
Apr-97	10.00	5	10			10.0	10.0	4/3/1997	semiannual	44
Aug-97	20.00	5	100			15.0	15.0	8/27/1997	semiannual	45
Mar-98	5.00	5	5			12.5	12.5	3/24/1998	semiannual	46
Sep-98	1.30	5	5			3.2	3.2	9/22/1998	semiannual	47
May-99	10.00	5	10			5.7	5.7	5/11/1999	semiannual	48
Oct-99	10.00	5	10			10.0	10.0	10/5/1999	semiannual	49
Nov-00	5.00	5	5			7.5	7.5	11/28/2000	semiannual	50
Apr-01	5.00	5	5			5.0	5.0	4/4/2001	semiannual	51
Oct-01	5.00	5	5			5.0	5.0	10/18/2001	semiannual	52
Apr-02	5.00	5	5			5.0	5.0	4/18/2002	semiannual	53
Oct-02	5.00	5	25	**		5.0	5.0	10/3/2002	semiannual	54
Apr-03	10.00	5	10			7.5	7.5	4/25/2003	semiannual	55
Oct-03	1.00	5	5			5.5	5.5	10/3/2003	semiannual	56
Apr-04	10.00	5	10			5.5	5.5	4/1/2004	semiannual	57
Oct-04	10.00	5	10			10.0	10.0	10/19/2004	semiannual	58
Apr-05	10.00	5	10			10.0	10.0	4/22/2005	semiannual	59
Oct-05	2.00	5	10			6.0	6.0	10/7/2005	semiannual	60
May-06	4.90	5	10			3.5	3.5	5/11/2006	semiannual	61
Oct-06	49.00	5	10			27.0	27.0	10/18/2006	semiannual	62
May-07	26.10	5	10			37.6	37.6	5/22/2007	semiannual	63
Oct-07	20.00	5	4.9			23.1	23.1	10/25/2007	semiannual	64

WELL VDM-14 & 14R: TOLUENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	4.90	5	4.9			12.5	12.5	10/23/2008	semiannual	65
May-09	25.00	5	25			15.0	15.0	5/12/2009	semiannual	66
Oct-09	50.00	5	25			37.5	37.5	10/29/2009	semiannual	67
May-10	5.00	5	5			27.5	27.5	5/20/2010	semiannual	68
Oct-10	5.00	5	5			5.0	5.0	10/18/2010	semiannual	69
Jun-11	20.00	5	20			12.5	12.5	6/2/2011	semiannual	70
Oct-11	50.00	5	50			35.0	35.0	10/12/2011	semiannual	71
May-12	2.00	5	2			26.0	26.0	5/18/2012	semiannual	72
Oct-12	2.00	5	2			2.0	2.0	10/11/2012	semiannual	73
May-13	2.00	5	2			2.0	2.0	5/17/2013	semiannual	74
Oct-13	2.00	5	2			2.0	2.0	10/11/2013	semiannual	75
May-14	10.00	5	10			6.0	6.0	5/5/2014	semiannual	76
Oct-14	2.00	5	2			6.0	6.0	10/6/2014	semiannual	77
Jul-15	2.00	5	2			2.0	2.0	7/9/2015	semiannual	78
Jul-16	10.00	5	1			6.0	6.0	7/20/2016	Annual	79
Sep-17	10.00	5	10			10.0	10.0	9/22/2017	Annual	80
Jul-18	12.00	5	12			11.0	11.0	7/24/2018	Annual	81
Aug-19	12.00	5	12			12.0	12.0	8/6/2019	Annual	82
Sep-20	6.20	5	6.2			9.1	9.1	9/4/2020	Annual	83
Aug-21	2.50	5	2.5			4.4	4.4	8/3/2021	Annual	84
Aug-22	5.00	5	5			3.8	3.8	8/30/2022	Annual	84
Aug-23	5.00	5	5			5.0	5.0	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
TRANS-1,2-DICHLOROETHENE



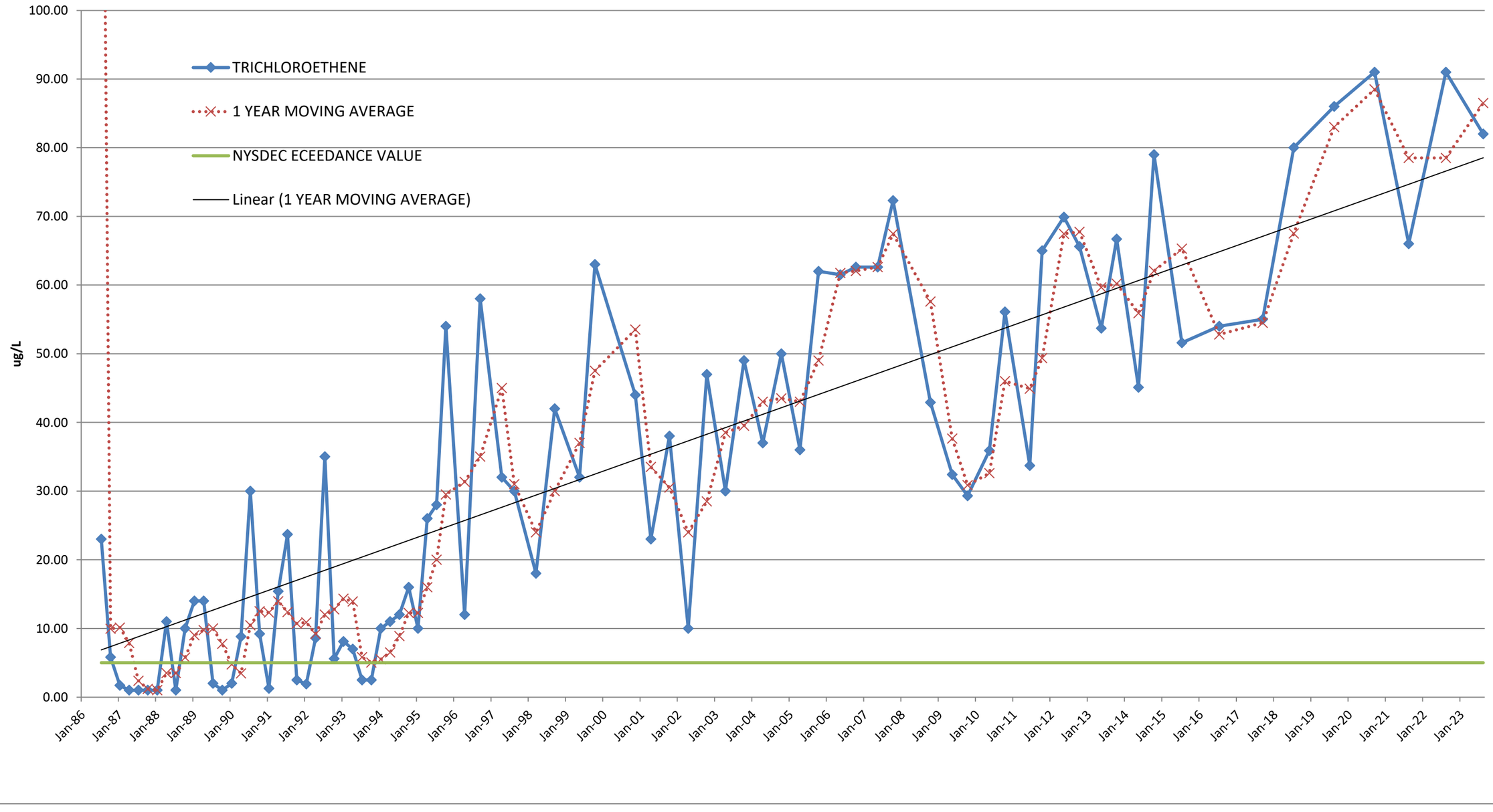
WELL VDM-14 & 14R: TRANS-1,2-DICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Oct-85	1.00	5	5	TOTAL STD	132.6043					1
Jan-86	1.00	5	5	TOTAL Sx	14.38295					2
Apr-86	9.00	5	5	TOTAL MEAN	45.53256					3
Jul-86	17.00	5	5	TOTAL N	86	7.0				4
Oct-86	1.00	5	5	TOTAL df	85	7.0				5
Jan-87	1.00	5	5			7.0				6
Apr-87	1.00	5	5			5.0				7
Jul-87	1.00	5	5			1.0				8
Oct-87	1.00	5	5			1.0				9
Jan-88	1.00	5	5			1.0				10
Apr-88	1.00	5	5			1.0				11
Jul-88	1.00	5	5			1.0				12
Oct-88	10.00	5	5			3.3				13
Jan-89	2.00	5	5			3.5				14
Apr-89	1.00	5	5			3.5				15
Jul-89	2.00	5	5			3.8				16
Oct-89	1.00	5	5			1.5				17
Jan-90	2.00	5	5			1.5				18
Apr-90	2.00	5	5			1.8				19
Jul-90	25.00	5	5			7.5				20
Oct-90	3.70	5	5			8.2				21
Jan-91	1.25	5	5			8.0				22
Apr-91	13.10	5	5			10.8				23
Jul-91	15.10	5	5			8.3				24
Oct-91	2.50	5	5			8.0				25
Jan-92	1.50	5	5			8.1				26
Apr-92	6.00	5	5			6.3				27
Jul-92	8.00	5	5			4.5				28
Oct-92	3.50	5	5			4.8				29
Jan-93	5.40	5	5			5.7				30
Apr-93	4.30	5	5			5.3				31
Jul-93	2.50	5	5			3.9				32
Oct-93	2.50	5	5			3.7				33
Jan-94	19.00	5	5			7.1				34
Apr-94	14.00	5	5			9.5				35
Jul-94	15.00	5	5			12.6				36
Oct-94	18.00	5	5			16.5				37
Jan-95	11.00	5	5			14.5				38
Apr-95	82.00	5	5			31.5				39
Jul-95	84.00	5	5			48.8				40
Oct-95	160.00	5	5			84.3				41
Apr-96	30.00	5	5			91.3				42
Sep-96	350.00	5	10			190.0	190.0	9/17/1996	semiannual	43
Apr-97	150.00	5	10			250.0	250.0	4/3/1997	semiannual	44
Aug-97	550.00	5	100			350.0	350.0	8/27/1997	semiannual	45
Mar-98	5.00	5	5			277.5	277.5	3/24/1998	semiannual	46
Sep-98	400.00	5	5			202.5	202.5	9/22/1998	semiannual	47
May-99	10.00	5	10			205.0	205.0	5/11/1999	semiannual	48
Oct-99	10.00	5	10			10.0	10.0	10/5/1999	semiannual	49
Nov-00	4.00	5	5			7.0	7.0	11/28/2000	semiannual	50
Apr-01	3.00	5	5			3.5	3.5	4/4/2001	semiannual	51
Oct-01	6.00	5	5			4.5	4.5	10/18/2001	semiannual	52
Apr-02	5.00	5	5			5.5	5.5	4/18/2002	semiannual	53
Oct-02	6.00	5	25			5.5	5.5	10/3/2002	semiannual	54
Apr-03	4.00	5	10			5.0	5.0	4/25/2003	semiannual	55
Oct-03	8.00	5	5			6.0	6.0	10/3/2003	semiannual	56
Apr-04	6.00	5	10			7.0	7.0	4/1/2004	semiannual	57
Oct-04	11.00	5	10			8.5	8.5	10/19/2004	semiannual	58
Apr-05	6.00	5	10			8.5	8.5	4/22/2005	semiannual	59
Oct-05	14.00	5	10			10.0	10.0	10/7/2005	semiannual	60
May-06	13.60	5	10			13.8	13.8	5/11/2006	semiannual	61
Oct-06	14.40	5	10			14.0	14.0	10/18/2006	semiannual	62
May-07	14.80	5	10			14.6	14.6	5/22/2007	semiannual	63
Oct-07	20.00	5	10			17.4	17.4	10/25/2007	semiannual	64

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

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	11.20	5	10			15.6	15.6	10/23/2008	semiannual	65
May-09	25.00	5	25			18.1	18.1	5/12/2009	semiannual	66
Oct-09	7.85	5	25			16.4	16.4	10/29/2009	semiannual	67
May-10	10.70	5	25			9.3	9.3	5/20/2010	semiannual	68
Oct-10	17.70	5	25			14.2	14.2	10/18/2010	semiannual	69
Jun-11	20.00	5	20			18.9	18.9	6/2/2011	semiannual	70
Oct-11	50.00	5	50			35.0	35.0	10/12/2011	semiannual	71
May-12	20.20	5	2			35.1	35.1	5/18/2012	semiannual	72
Oct-12	19.80	5	2			20.0	20.0	10/11/2012	semiannual	73
May-13	17.20	5	2			18.5	18.5	5/17/2013	semiannual	74
Oct-13	20.00	5	2			18.6	18.6	10/11/2013	semiannual	75
May-14	479.00	5	10			249.5	249.5	5/5/2014	semiannual	76
Oct-14	895.00	5	2			687.0	687.0	10/6/2014	semiannual	77
Jul-15	12.00	5	2			453.5	453.5	7/9/2015	semiannual	78
Jul-16	15.00	5	1.5			13.5	13.5	7/20/2016	Annual	79
Sep-17	11.00	5	10			13.0	13.0	9/22/2017	Annual	80
Jul-18	13.00	5	12			12.0	12.0	7/24/2018	Annual	81
Aug-19	14.00	5	12			13.5	13.5	8/6/2019	Annual	82
Sep-20	14.00	5	6.2			14.0	14.0	9/4/2020	Annual	83
Aug-21	15.00	5	2.5			14.5	14.5	8/3/2021	Annual	84
Aug-22	18.00	5	5			16.5	16.5	8/30/2022	Annual	84
Aug-23	16.00	5	5			17.0	17.0	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
TRICHLOROETHENE



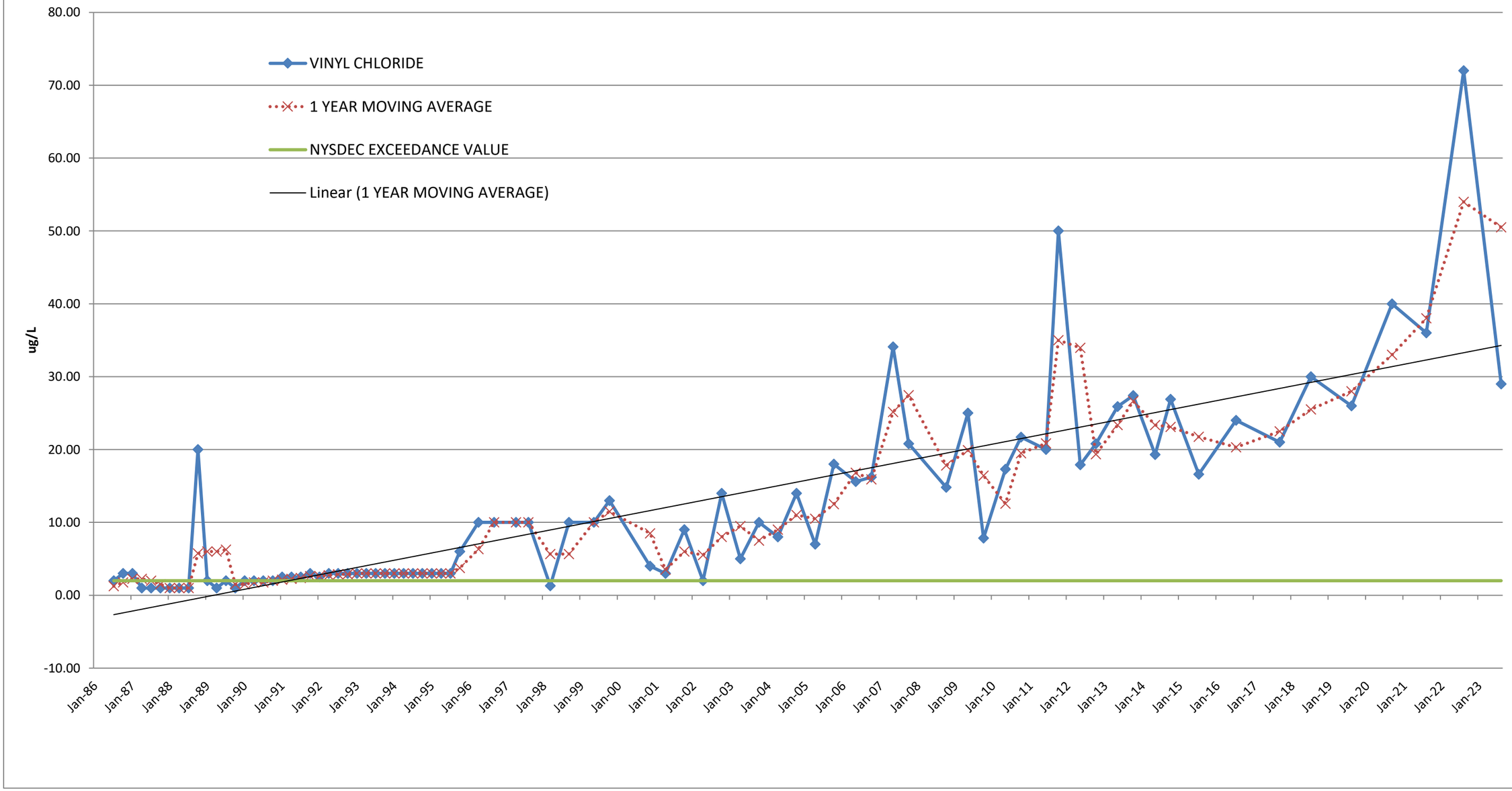
WELL VDM-14 & 14R: TRICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Oct-85	639.00	5	5	TOTAL STD	70.05521					1
Jan-86	1.00	5	5	TOTAL Sx	7.598554					2
Apr-86	10.00	5	5	TOTAL MEAN	39.21442					3
Jul-86	23.00	5	5	TOTAL N	86	168.25				4
Oct-86	5.80	5	5	TOTAL df	85	9.95				5
Jan-87	1.70	5	5			10.13				6
Apr-87	1.00	5	5			7.88				7
Jul-87	1.00	5	5			2.38				8
Oct-87	1.00	5	5			1.18				9
Jan-88	1.00	5	5			1.00				10
Apr-88	11.00	5	5			3.50				11
Jul-88	1.00	5	5			3.50				12
Oct-88	10.00	5	5			5.75				13
Jan-89	14.00	5	5			9.00				14
Apr-89	14.00	5	5			9.75				15
Jul-89	2.00	5	5			10.00				16
Oct-89	1.00	5	5			7.75				17
Jan-90	2.00	5	5			4.75				18
Apr-90	8.80	5	5			3.45				19
Jul-90	30.00	5	5			10.45				20
Oct-90	9.20	5	5			12.50				21
Jan-91	1.25	5	5			12.31				22
Apr-91	15.40	5	5			13.96				23
Jul-91	23.70	5	5			12.39				24
Oct-91	2.50	5	5			10.71				25
Jan-92	1.89	5	5			10.87				26
Apr-92	8.60	5	5			9.17				27
Jul-92	35.00	5	5			12.00				28
Oct-92	5.60	5	5			12.77				29
Jan-93	8.10	5	5			14.33				30
Apr-93	7.00	5	5			13.93				31
Jul-93	2.50	5	5			5.80				32
Oct-93	2.50	5	5			5.03				33
Jan-94	10.00	5	5			5.50				34
Apr-94	11.00	5	5			6.50				35
Jul-94	12.00	5	5			8.88				36
Oct-94	16.00	5	5			12.25				37
Jan-95	10.00	5	5			12.25				38
Apr-95	26.00	5	5			16.00				39
Jul-95	28.00	5	5			20.00				40
Oct-95	54.00	5	5			29.50				41
Apr-96	12.00	5	5			31.33				42
Sep-96	58.00	5	10			35	35	9/17/1996	semiannual	43
Apr-97	32.00	5	10			45	45	4/3/1997	semiannual	44
Aug-97	30.00	5	100			31	31	8/27/1997	semiannual	45
Mar-98	18.00	5	5			24	24	3/24/1998	semiannual	46
Sep-98	42.00	5	5			30	30	9/22/1998	semiannual	47
May-99	32.00	5	10			37	37	5/11/1999	semiannual	48
Oct-99	63.00	5	10			47.5	47.5	10/5/1999	semiannual	49
Nov-00	44.00	5	5			53.5	53.5	11/28/2000	semiannual	50
Apr-01	23.00	5	5			33.5	33.5	4/4/2001	semiannual	51
Oct-01	38.00	5	5			30.5	30.5	10/18/2001	semiannual	52
Apr-02	10.00	5	5			24	24	4/18/2002	semiannual	53
Oct-02	47.00	5	25			28.5	28.5	10/18/2001	semiannual	54
Apr-03	30.00	5	10			38.5	38.5	4/25/2003	semiannual	55
Oct-03	49.00	5	5			39.5	39.5	10/3/2003	semiannual	56
Apr-04	37.00	5	5			43	43	4/1/2004	semiannual	57
Oct-04	50.00	5	10			43.5	49.5	10/19/2004	semiannual	58
Apr-05	36.00	5	10			43	42.5	4/22/2005	semiannual	59
Oct-05	62.00	5	10			49	55.5	10/7/2005	semiannual	60
May-06	61.50	5	10			61.75	55.25	5/11/2006	semiannual	61
Oct-06	62.60	5	10			62.05	55.8	10/18/2006	semiannual	62
May-07	62.60	5	10			62.6	46.3	5/22/2007	semiannual	63
Oct-07	72.30	5	10			67.45	60.65	10/25/2007	semiannual	63

WELL VDM-14 & 14R: TRICHLOROETHENE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	42.90	5	10			57.6	46.45	10/23/2008	semiannual	64
May-09	32.40	5	25			37.65	34.2	5/12/2009	semiannual	65
Oct-09	29.30	5	25			30.85	45.65	10/29/2009	semiannual	66
May-10	35.90	5	25			32.6	48.7	5/20/2010	semiannual	67
Oct-10	56.10	5	25			46	59.35	10/18/2010	semiannual	68
Jun-11	33.70	5	25			44.9	48.15	6/2/2011	semiannual	69
Oct-11	65.00	5	50			49.35	63.8	10/12/2011	semiannual	70
May-12	69.90	5	2			67.45	71.1	5/18/2012	semiannual	71
Oct-12	65.60	5	2			67.75	54.25	10/11/2012	semiannual	72
May-13	53.70	5	2			59.65	43.05	5/17/2013	semiannual	73
Oct-13	66.70	5	2			60.2	48	10/11/2013	semiannual	74
May-14	45.10	5	2			55.9	40.5	5/5/2014	semiannual	75
Oct-14	79.00	5	2			62.05	67.55	10/6/2014	semiannual	76
Jul-15	51.60	5	2			65.3	42.65	7/9/2015	semiannual	77
Jul-16	54.00	5	1			52.8	59.5	7/20/2016	Annual	78
Sep-17	55.00	5	2			54.5	62.45	9/22/2017	Annual	79
Jul-18	80.00	5	2.5			67.5	72.8	7/24/2018	Annual	80
Aug-19	86.00	5	2.5			83	69.85	8/6/2019	Annual	81
Sep-20	91.00	5	1.2			88.5	78.85	9/4/2020	Annual	82
Aug-21	66.00	5	0.5			78.5	55.55	8/3/2021	Annual	83
Aug-22	91.00	5	1			78.5	85	8/30/2022	Annual	83
Aug-23	82.00	5	1			86.5	66.8	8/15/2023	Annual	84

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
VINYL CHLORIDE



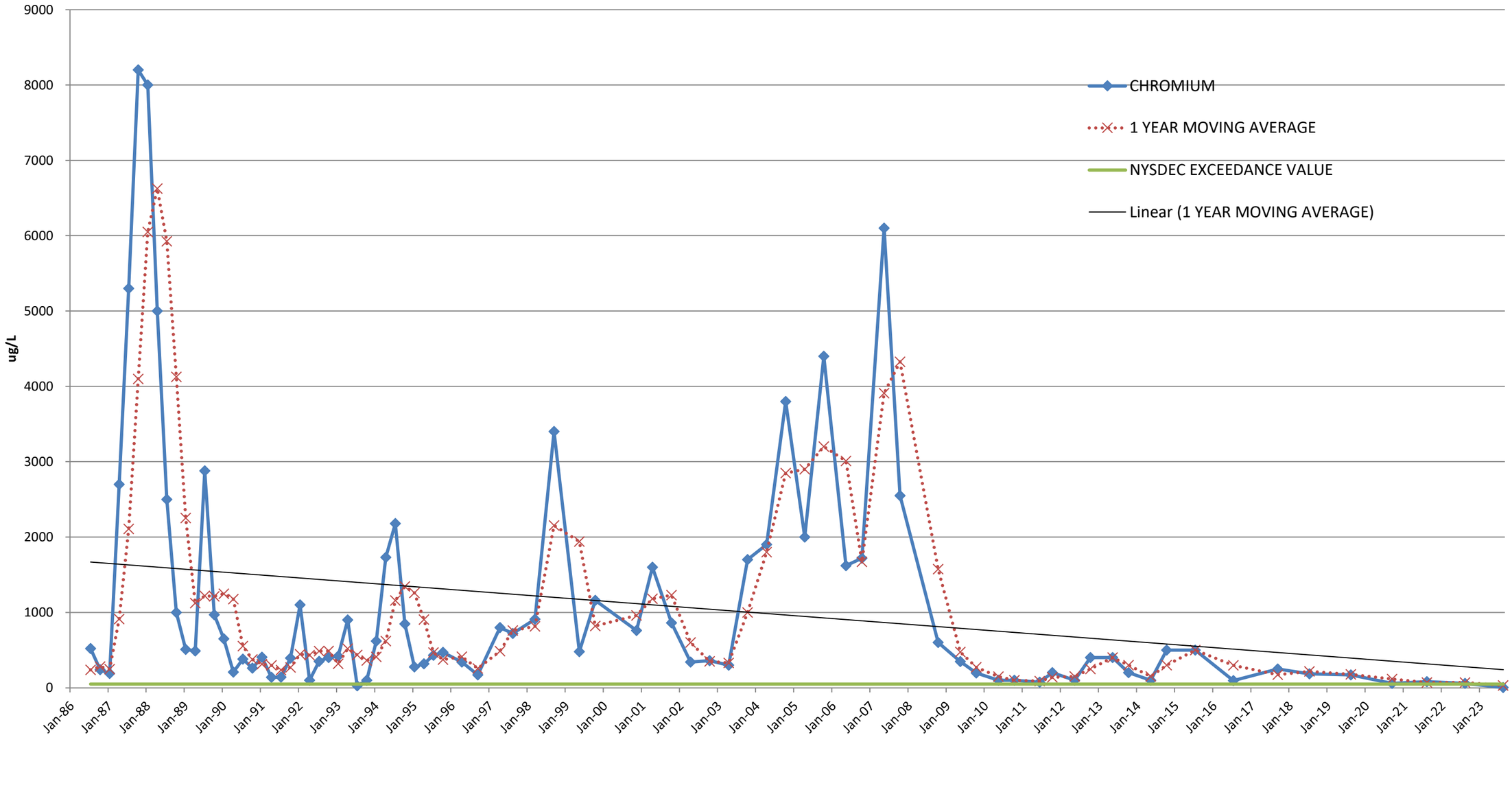
WELL VDM-14 & 14R: VINYL CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Oct-85	1.00	2	2	TOTAL STD	12.56976					1
Jan-86	1.00	2	2	TOTAL Sx	1.363381					2
Apr-86	1.00	2	2	TOTAL MEAN	11.12151					3
Jul-86	2.00	2	2	TOTAL N	86	1.25				4
Oct-86	3.00	2	2	TOTAL df	85	1.75				5
Jan-87	3.00	2	2			2.25				6
Apr-87	1.00	2	2			2.25				7
Jul-87	1.00	2	2			2.00				8
Oct-87	1.00	2	2			1.50				9
Jan-88	1.00	2	2			1.00				10
Apr-88	1.00	2	2			1.00				11
Jul-88	1.00	2	2			1.00				12
Oct-88	20.00	2	2			5.75				13
Jan-89	2.00	2	2			6.00				14
Apr-89	1.00	2	2			6.00				15
Jul-89	2.00	2	2			6.25				16
Oct-89	1.00	2	2			1.50				17
Jan-90	2.00	2	2			1.50				18
Apr-90	2.00	2	2			1.75				19
Jul-90	2.00	2	2			1.75				20
Oct-90	2.00	2	2			2.00				21
Jan-91	2.50	2	2			2.13				22
Apr-91	2.50	2	2			2.25				23
Jul-91	2.50	2	2			2.38				24
Oct-91	3.00	2	2			2.63				25
Jan-92	2.50	2	2			2.63				26
Apr-92	3.00	2	2			2.75				27
Jul-92	3.00	2	2			2.88				28
Oct-92	3.00	2	2			2.88				29
Jan-93	3.00	2	2			3.00				30
Apr-93	3.00	2	2			3.00				31
Jul-93	3.00	2	2			3.00				32
Oct-93	3.00	2	2			3.00				33
Jan-94	3.00	2	2			3.00				34
Apr-94	3.00	2	2			3.00				35
Jul-94	3.00	2	2			3.00				36
Oct-94	3.00	2	2			3.00				37
Jan-95	3.00	2	2			3.00				38
Apr-95	3.00	2	2			3.00				39
Jul-95	3.00	2	2			3.00				40
Oct-95	6.00	2	6			3.75				41
Apr-96	10.00	2	10			6.33				42
Sep-96	10.00	2	10			10.00	10.00	9/17/1996	semiannual	43
Apr-97	10.00	2	10			10.00	10.00	4/3/1997	semiannual	44
Aug-97	10.00	2	100			10.00	10.00	8/27/1997	semiannual	45
Mar-98	1.30	2	10			5.65	5.65	3/24/1998	semiannual	46
Sep-98	10.00	2	10			5.65	5.65	9/22/1998	semiannual	47
May-99	10.00	2	10			10.00	10.00	5/11/1999	semiannual	48
Oct-99	13.00	2	10			11.50	11.50	10/5/1999	semiannual	49
Nov-00	4.00	2	5			8.50	8.50	11/28/2000	semiannual	50
Apr-01	3.00	2	5			3.50	3.50	4/4/2001	semiannual	51
Oct-01	9.00	2	5			6.00	6.00	10/18/2001	semiannual	52
Apr-02	2.00	2	5			5.50	5.50	4/18/2002	semiannual	53
Oct-02	14.00	2	25			8.00	8.00	10/3/2002	semiannual	54
Apr-03	5.00	2	10			9.50	9.50	4/25/2003	semiannual	55
Oct-03	10.00	2	5			7.50	7.50	10/3/2003	semiannual	56
Apr-04	8.00	2	10			9.00	9.00	4/1/2004	semiannual	57
Oct-04	14.00	2	10			11.00	12.00	10/19/2004	semiannual	58
Apr-05	7.00	2	10			10.50	7.50	4/22/2005	semiannual	59
Oct-05	18.00	2	10			12.50	16.00	10/7/2005	semiannual	60
May-06	15.60	2	10			16.80	11.30	5/11/2006	semiannual	61
Oct-06	16.20	2	10			15.90	17.10	10/18/2006	semiannual	62
May-07	34.10	2	10			25.15	24.85	5/22/2007	semiannual	63
Oct-07	20.80	2	10			27.45	18.50	10/25/2007	semiannual	64

WELL VDM-14 & 14R: VINYL CHLORIDE

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	14.80	2	10			17.80	24.45	10/23/2008	semiannual	65
May-09	25.00	2	25			19.90	22.90	5/12/2009	semiannual	66
Oct-09	7.85	2	25			16.43	11.33	10/29/2009	semiannual	67
May-10	17.30	2	25			12.58	21.15	5/20/2010	semiannual	68
Oct-10	21.70	2	25			19.50	14.78	10/18/2010	semiannual	69
Jun-11	20.00	2	20			20.85	18.65	6/2/2011	semiannual	70
Oct-11	50.00	2	50			35.00	35.85	10/12/2011	semiannual	71
May-12	17.90	2	2			33.95	18.95	5/18/2012	semiannual	72
Oct-12	20.80	2	2			19.35	35.40	10/11/2012	semiannual	73
May-13	25.90	2	2			23.35	21.90	5/17/2013	semiannual	74
Oct-13	27.40	2	2			26.65	24.10	10/11/2013	semiannual	75
May-14	19.30	2	2			23.35	22.60	5/5/2014	semiannual	76
Oct-14	26.90	2	2			23.10	27.15	10/2/2014	semiannual	77
Jul-15	16.60	2	2			21.75	17.95	7/9/2015	semiannual	78
Jul-16	24.00	2	1			20.30	25.45	7/20/2016	Annual	79
Sep-17	21.00	2	4			22.50	18.80	9/22/2017	Annual	80
Jul-18	30.00	2	5			25.50	27.00	7/24/2018	Annual	81
Aug-19	26.00	2	5			28.00	23.50	8/6/2019	Annual	82
Sep-20	40.00	2	2.5			33.00	35.00	9/4/2020	Annual	83
Aug-21	36.00	2	2.5			38.00	31.00	8/3/2021	Annual	84
Aug-22	72.00	2	2			54.00	56.00	8/30/2022	Annual	85
Aug-23	29.00	2	2			50.50	32.50	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
CHROMIUM



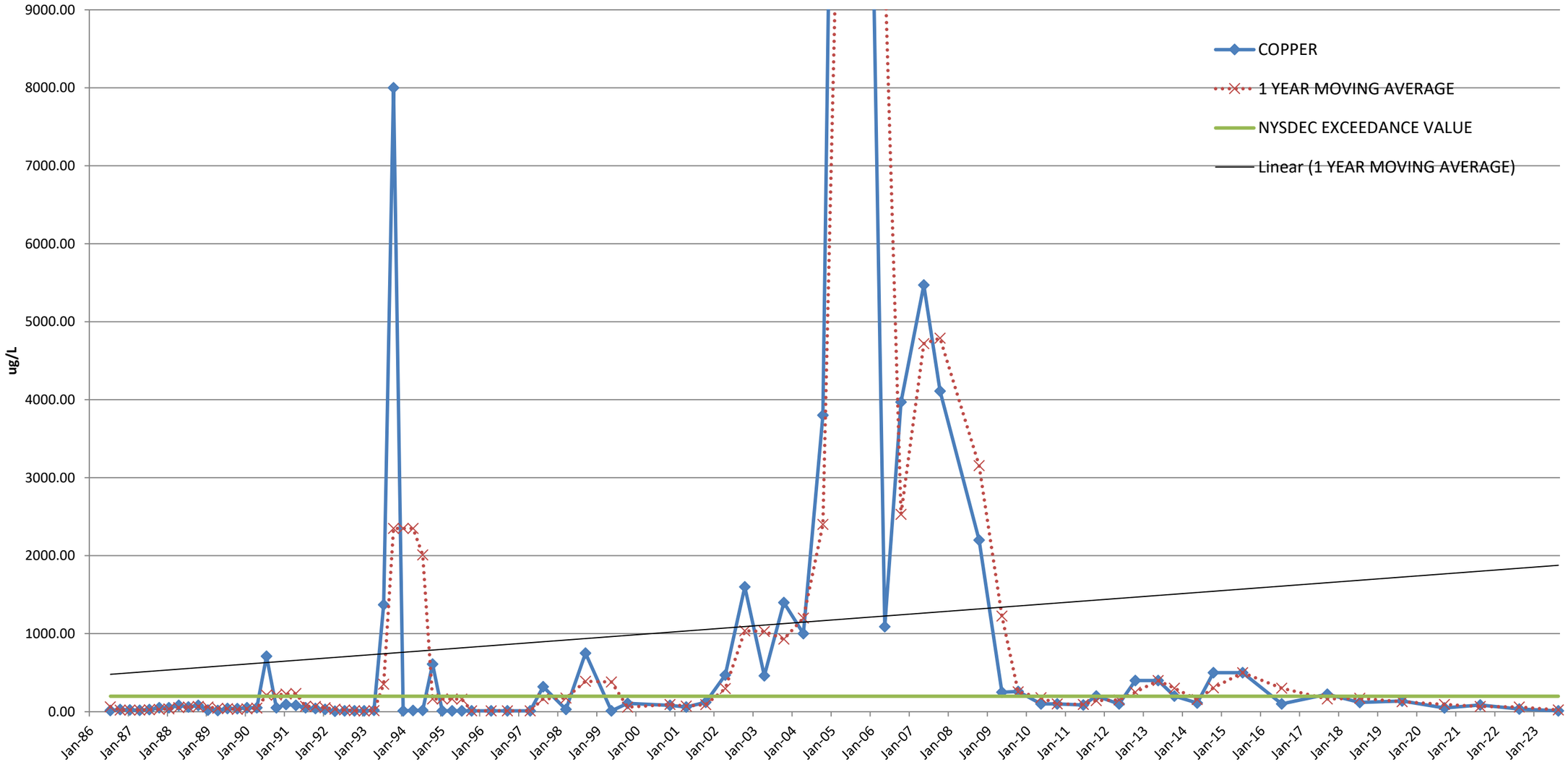
WELL VDM-14 & 14R: CHROMIUM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING VG				EVENT NO.
----------	-	-	-	-	-	-				-
Oct-85	64	50	50	TOTAL STD	1745.988					1
Jan-86	330	50	50	TOTAL Sx	207.2107					2
Apr-86	34	50	50	TOTAL MEAN	1270.542					3
Jul-86	520	50	50	TOTAL N	72	237.00				4
Oct-86	240	50	50	TOTAL df	71	281.00				5
Jan-87	190	50	50			246.00				6
Apr-87	2700	50	50			912.50				7
Jul-87	5300	50	50			2107.50				8
Oct-87	8200	50	50			4097.50				9
Jan-88	8000	50	50			6050.00				10
Apr-88	5000	50	50			6625.00				11
Jul-88	2500	50	50			5925.00				12
Oct-88	1000	50	50			4125.00				13
Jan-89	510	50	50			2252.50				14
Apr-89	488	50	50			1124.50				15
Jul-89	2880	50	50			1219.50				16
Oct-89	970	50	50			1212.00				17
Jan-90	650	50	50			1247.00				18
Apr-90	208	50	50			1177.00				19
Jul-90	380	50	50			552.00				20
Oct-90	260	50	50			374.50				21
Jan-91	406	50	50			313.50				22
Apr-91	139	50	50			296.25				23
Jul-91	140	50	50			236.25				24
Oct-91	395	50	50			270.00				25
Jan-92	1100	50	50			443.50				26
Apr-92	100	50	50			433.75				27
Jul-92	350	50	50			486.25				28
Oct-92	400	50	50			487.50				29
Jan-93	420	50	50			317.50				30
Apr-93	900	50	50			517.50				31
Jul-93	25	50	50			436.25				32
Oct-93	100	50	50			361.25				33
Jan-94	619	50	50			411.00				34
Apr-94	1730	50	50			618.50				35
Jul-94	2180	50	50			1157.25				36
Oct-94	847	50	50			1344.00				37
Jan-95	276	50	50			1258.25				38
Apr-95	317	50	50			905.00				39
Jul-95	430	50	50			467.50				40
Oct-95	470	50	2			373.25				41
Apr-96	340	50	2			413.33				42
Sep-96	170	50	5			255.00	255.00	9/17/1996	semiannual	43
Apr-97	800	50	20			485.00	485.00	4/3/1997	semiannual	44
Aug-97	720	50	5			760.00	760.00	8/27/1997	semiannual	45
Mar-98	910	50	10			815.00	815.00	3/24/1998	semiannual	46
Sep-98	3400	50	10			2155.00	2155.00	9/22/1998	semiannual	47
May-99	480	50	10			1940.00	1940.00	5/11/1999	semiannual	48
Oct-99	1160	50	14			820.00	820.00	10/5/1999	semiannual	49
Nov-00	760	50	2			960.00	960.00	11/28/2000	semiannual	50
Apr-01	1600	50	2			1180.00	1180.00	4/4/2001	semiannual	51
Oct-01	860	50	2			1230.00	1230.00	10/18/2001	semiannual	52
Apr-02	340	50	2			600.00	600.00	4/18/2002	semiannual	53
Oct-02	360	50	2			350.00	350.00	10/3/2002	semiannual	54
Apr-03	300	50	2			330.00	330.00	4/25/2003	semiannual	55
Oct-03	1700	50	2			1000.00	1000.00	10/3/2003	semiannual	56
Apr-04	1900	50	4			1800.00	1800.00	4/1/2004	semiannual	57
Oct-04	3800	50	4			2850.00	2850.00	10/19/2004	semiannual	58
Apr-05	2000	50	4			2900.00	2900.00	4/22/2005	semiannual	59
Oct-05	4400	50	4			3200.00	3200.00	10/7/2005	semiannual	60
May-06	1620	50	4			3010.00	3010.00	5/11/2006	semiannual	61
Oct-06	1720	50	4			1670.00	1670.00	10/18/2006	semiannual	62
May-07	6100	50	4			3910.00	3910.00	5/22/2007	semiannual	63
Oct-07	2550	50	4			4325.00	4325.00	10/25/2007	semiannual	64

WELL VDM-14 & 14R: CHROMIUM

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING VG				EVENT NO.
Oct-08	600	50	4			1575.00	1575.00	10/23/2008	semiannual	65
May-09	349	50	4			474.50	474.50	5/12/2009	semiannual	66
Oct-09	197	50	4			273.00	273.00	10/29/2009	semiannual	67
May-10	100	50	4			148.50	148.50	5/20/2010	semiannual	68
Oct-10	100	50	4			100.00	100.00	10/18/2010	semiannual	69
Jun-11	75	50	4			87.50	87.50	6/2/2011	semiannual	70
Oct-11	200	50	200			137.50	137.50	10/12/2011	semiannual	71
May-12	100	50	100			150.00	150.00	5/18/2012	semiannual	72
Oct-12	400	50	400			250.00	250.00	10/11/2012	semiannual	73
May-13	400	50	400			400.00	400.00	5/17/2013	semiannual	74
Oct-13	200	50	200			300.00	300.00	10/11/2013	semiannual	75
May-14	100	50	30			150.00	150.00	5/5/2014	semiannual	76
Oct-14	500	50	10			300.00	300.00	10/6/2014	semiannual	77
Jul-15	500	50	500			500.00	500.00	7/9/2015	semiannual	78
Jul-16	96	50	10			298.00	298.00	7/20/2016	Annual	79
Sep-17	249.3	50	1			172.65	172.65	9/22/2017	Annual	80
Jul-18	184.2	50	1			216.75	216.75	7/24/2018	Annual	81
Aug-19	171.7	50	10			177.95	177.95	8/6/2019	Annual	82
Sep-20	58.92	50	1			115.31	115.31	9/4/2020	Annual	83
Aug-21	80	50	0.5			69.46	69.46	8/3/2021	Annual	84
Aug-22	57.5	50	1			68.75	68.75	8/30/2022	Annual	84
Aug-23	3.98	50	10			30.74	30.74	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
COPPER



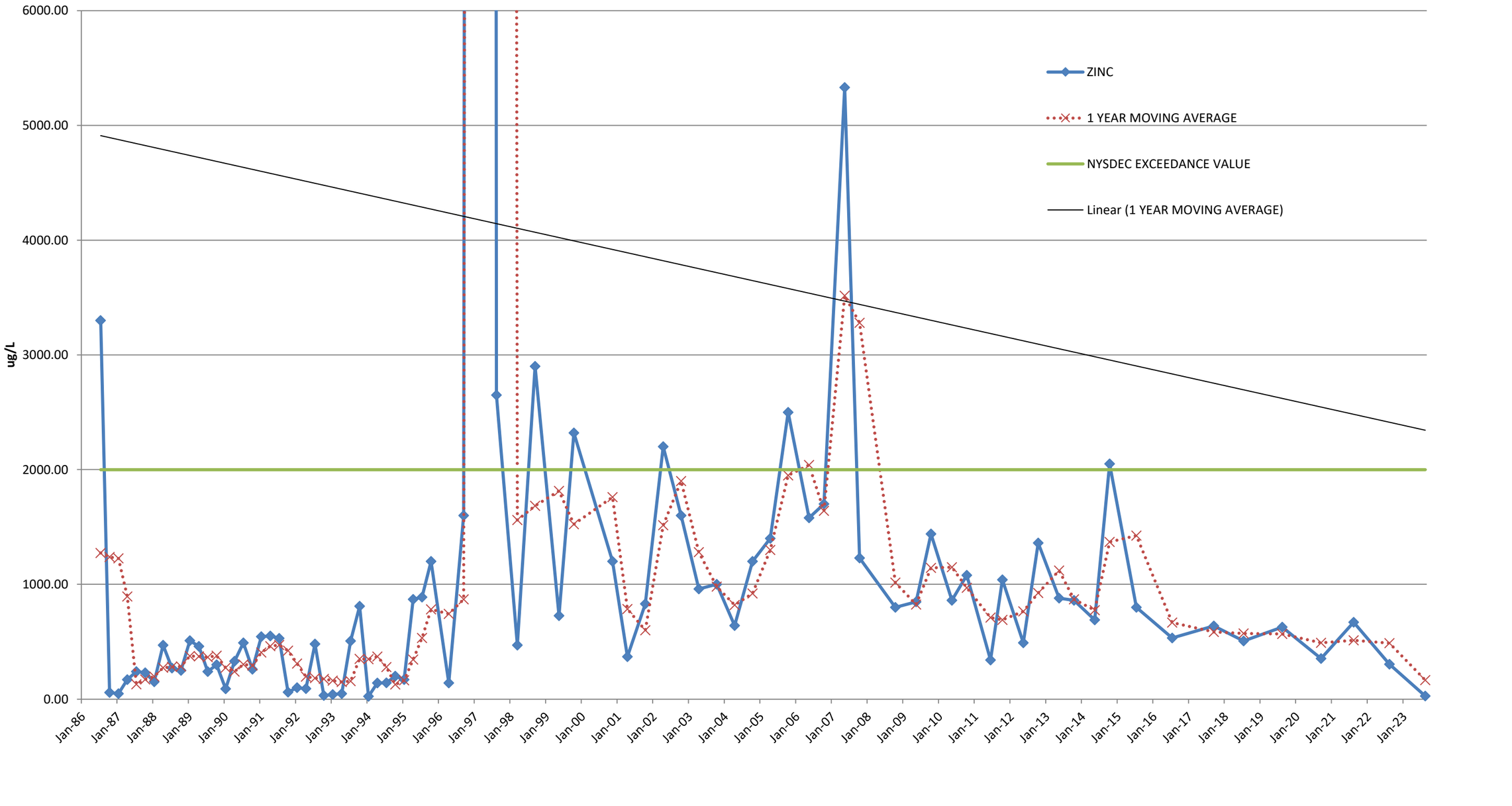
WELL VDM-14 & 14R: COPPER

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Oct-85	200.00	200	200	TOTAL STD	3260.896					1
Jan-86	21.00	200	200	TOTAL Sx	353.6938					2
Apr-86	14.00	200	200	TOTAL MEAN	974.2208					3
Jul-86	15.00	200	200	TOTAL N	86	62.5				4
Oct-86	28.00	200	200	TOTAL df	85	19.5				5
Jan-87	22.00	200	200			19.8				6
Apr-87	18.00	200	200			20.8				7
Jul-87	26.00	200	200			23.5				8
Oct-87	50.00	200	200			29.0				9
Jan-88	50.00	200	200			36.0				10
Apr-88	80.00	200	200			51.5				11
Jul-88	60.00	200	200			60.0				12
Oct-88	80.00	200	200			67.5				13
Jan-89	19.00	200	200			59.8				14
Apr-89	16.00	200	200			43.8				15
Jul-89	40.00	200	200			38.8				16
Oct-89	39.00	200	200			28.5				17
Jan-90	50.00	200	200			36.3				18
Apr-90	50.00	200	200			44.8				19
Jul-90	710.00	200	200			212.3				20
Oct-90	50.00	200	200			215.0				21
Jan-91	93.30	200	200			225.8				22
Apr-91	79.70	200	200			233.3				23
Jul-91	50.00	200	200			68.3				24
Oct-91	40.00	200	200			65.8				25
Jan-92	30.00	200	200			49.9				26
Apr-92	5.00	200	200			31.3				27
Jul-92	10.00	200	200			21.3				28
Oct-92	10.00	200	200			13.8				29
Jan-93	10.00	200	200			8.8				30
Apr-93	18.00	200	200			12.0				31
Jul-93	1370.00	200	200			352.0				32
Oct-93	8000.00	200	200			2349.5				33
Jan-94	10.00	200	200			2349.5				34
Apr-94	15.00	200	200			2348.8				35
Jul-94	18.00	200	200			2010.8				36
Oct-94	610.00	200	200			163.3				37
Jan-95	10.00	200	200			163.3				38
Apr-95	10.00	200	200			162.0				39
Jul-95	10.00	200	200			160.0				40
Oct-95	10.00	200	10			10.0				41
Apr-96	10.00	200	10			10.0				42
Sep-96	10.00	200	10			10.0	10.0	9/17/1996	semiannual	43
Apr-97	10.00	200	10			10.0	10.0	4/3/1997	semiannual	44
Aug-97	320.00	200	10			165.0	165.0	8/27/1997	semiannual	45
Mar-98	30.00	200	20			175.0	175.0	3/24/1998	semiannual	46
Sep-98	750.00	200	20			390.0	390.0	9/22/1998	semiannual	47
May-99	10.00	200	10			380.0	380.0	5/11/1999	semiannual	48
Oct-99	106.00	200	10			58.0	58.0	10/5/1999	semiannual	49
Nov-00	81.00	200	5			93.5	93.5	11/28/2000	semiannual	50
Apr-01	60.00	200	10			70.5	70.5	4/4/2001	semiannual	51
Oct-01	120.00	200	10			90.0	90.0	10/18/2001	semiannual	52
Apr-02	470.00	200	5			295.0	295.0	4/18/2002	semiannual	53
Oct-02	1600.00	200	5			1035.0	1035.0	10/3/2002	semiannual	54
Apr-03	460.00	200	5			1030.0	1030.0	4/25/2003	semiannual	55
Oct-03	1400.00	200	5			930.0	930.0	10/3/2003	semiannual	56
Apr-04	1000.00	200	100			1200.0	1200.0	4/1/2004	semiannual	57
Oct-04	3800.00	200	100			2400.0	2400.0	10/19/2004	semiannual	58
Apr-05	22600.00	200	100			13200.0	13200.0	4/22/2005	semiannual	59
Oct-05	18100.00	200	100			20350.0	20350.0	10/7/2005	semiannual	60
May-06	1090.00	200	100			9595.0	9595.0	5/11/2006	semiannual	61
Oct-06	3970.00	200	100			2530.0	2530.0	10/18/2006	semiannual	62
May-07	5470.00	200	100			4720.0	4720.0	5/22/2007	semiannual	63

WELL VDM-14 & 14R: COPPER

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-07	4110.00	200	100			4790.0	4790.0	10/25/2007	semiannual	64
Oct-08	2200.00	200	100			3155.0	3155.0	10/27/2008	semiannual	65
May-09	250.00	200	100			1225.0	1225.0	5/12/2009	semiannual	66
Oct-09	258.00	200	100			254.0	254.0	10/29/2009	semiannual	67
May-10	100.00	200	100			179.0	179.0	5/20/2010	semiannual	68
Oct-10	100.00	200	100			100.0	100.0	10/18/2010	semiannual	69
Jun-11	85.00	200	100			92.5	92.5	6/2/2011	semiannual	70
Oct-11	200.00	200	200			142.5	142.5	10/12/2011	semiannual	71
May-12	100.00	200	100			150.0	150.0	5/18/2012	semiannual	72
Oct-12	400.00	200	400			250.0	250.0	10/11/2012	semiannual	73
May-13	400.00	200	400			400.0	400.0	5/17/2013	semiannual	74
Oct-13	200.00	200	200			300.0	300.0	10/11/2013	semiannual	75
May-14	110.00	200	32			155.0	155.0	5/5/2014	semiannual	76
Oct-14	500.00	200	15			305.0	305.0	10/6/2014	semiannual	77
Jul-15	500.00	200	500			500.0	500.0	7/9/2015	semiannual	78
Jul-16	100.00	200	10			300.0	300.0	7/20/2016	Annual	79
Sep-17	224.00	200	1			162.0	162.0	9/22/2017	Annual	80
Jul-18	118.90	200	1			171.5	171.5	7/24/2018	Annual	81
Aug-19	136.70	200	10			127.8	127.8	8/6/2019	Annual	82
Sep-20	48.29	200	1			92.5	92.5	9/4/2020	Annual	83
Aug-21	84.50	200	2.5			66.4	66.4	8/3/2021	Annual	84
Aug-22	33.60	200	1			59.1	59.1	8/30/2022	Annual	84
Aug-23	10.00	200	10			21.8	21.8	8/15/2023	Annual	85

MOVING AVERAGE TREND TEST
VDM-14 (1987-2007) & VDM-14R (2008-Present)
ZINC



WELL VDM-14 & 14R: ZINC

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
-	-	-	-	-	-	-				-
Oct-85	200.00	2000	300	TOTAL STD	27799.36					1
Jan-86	95.00	2000	300	TOTAL Sx	3015.264					2
Apr-86	1500.00	2000	300	TOTAL MEAN	3823.565					3
Jul-86	3300.00	2000	300	TOTAL N	86	1273.75				4
Oct-86	57.00	2000	300	TOTAL df	85	1238.00				5
Jan-87	47.00	2000	300			1226.00				6
Apr-87	170.00	2000	300			893.50				7
Jul-87	240.00	2000	300			128.50				8
Oct-87	230.00	2000	300			171.75				9
Jan-88	150.00	2000	300			197.50				10
Apr-88	470.00	2000	300			272.50				11
Jul-88	270.00	2000	300			280.00				12
Oct-88	250.00	2000	300			285.00				13
Jan-89	510.00	2000	300			375.00				14
Apr-89	460.00	2000	300			372.50				15
Jul-89	240.00	2000	300			365.00				16
Oct-89	300.00	2000	300			377.50				17
Jan-90	90.00	2000	300			272.50				18
Apr-90	330.00	2000	300			240.00				19
Jul-90	490.00	2000	300			302.50				20
Oct-90	260.00	2000	300			292.50				21
Jan-91	545.00	2000	300			406.25				22
Apr-91	550.00	2000	300			461.25				23
Jul-91	530.00	2000	300			471.25				24
Oct-91	60.00	2000	300			421.25				25
Jan-92	100.00	2000	300			310.00				26
Apr-92	91.00	2000	300			195.25				27
Jul-92	480.00	2000	300			182.75				28
Oct-92	31.00	2000	300			175.50				29
Jan-93	40.00	2000	300			160.50				30
Apr-93	47.00	2000	300			149.50				31
Jul-93	506.00	2000	300			156.00				32
Oct-93	810.00	2000	300			350.75				33
Jan-94	24.00	2000	300			346.75				34
Apr-94	141.00	2000	300			370.25				35
Jul-94	142.00	2000	300			279.25				36
Oct-94	200.00	2000	300			126.75				37
Jan-95	170.00	2000	300			163.25				38
Apr-95	869.00	2000	300			345.25				39
Jul-95	889.00	2000	300			532.00				40
Oct-95	1200.00	2000	20			782.00				41
Apr-96	140.00	2000	20			743.00				42
Sep-96	1600.00	2000	20			870.00	870.00	9/17/1996	semiannual	43
Apr-97	260000.00	2000	50			130800.00	130800.00	4/3/1997	semiannual	44
Aug-97	2650.00	2000	20			131325.00	131325.00	8/27/1997	semiannual	45
Mar-98	470.00	2000	10			1560.00	1560.00	3/24/1998	semiannual	46
Sep-98	2900.00	2000	10			1685.00	1685.00	9/22/1998	semiannual	47
May-99	727.00	2000	16			1813.50	1813.50	5/11/1999	semiannual	48
Oct-99	2320.00	2000	16			1523.50	1523.50	10/5/1999	semiannual	49
Nov-00	1200.00	2000	26			1760.00	1760.00	11/28/2000	semiannual	50
Apr-01	370.00	2000	26			785.00	785.00	4/4/2001	semiannual	51
Oct-01	830.00	2000	20			600.00	600.00	10/18/2001	semiannual	52
Apr-02	2200.00	2000	20			1515.00	1515.00	4/18/2002	semiannual	53
Oct-02	1600.00	2000	20			1900.00	1900.00	10/3/2002	semiannual	54
Apr-03	960.00	2000	20			1280.00	1280.00	4/25/2003	semiannual	55
Oct-03	1000.00	2000	20			980.00	980.00	10/3/2003	semiannual	56
Apr-04	640.00	2000	20			820.00	820.00	4/1/2004	semiannual	57
Oct-04	1200.00	2000	20			920.00	920.00	10/19/2004	semiannual	58
Apr-05	1400.00	2000	20			1300.00	1300.00	4/22/2005	semiannual	59
Oct-05	2500.00	2000	20			1950.00	1950.00	10/7/2005	semiannual	60
May-06	1580.00	2000	20			2040.00	2040.00	5/11/2006	semiannual	61
Oct-06	1700.00	2000	20			1640.00	1640.00	10/18/2006	semiannual	62
May-07	5330.00	2000	20			3515.00	3515.00	5/22/2007	semiannual	63
Oct-07	1230.00	2000	20			3280.00	3280.00	10/25/2007	semiannual	64

WELL VDM-14 & 14R: ZINC

SAMPLING EVENT	CONC PPB	DEC EXCEED VALUE	DETECT LIMIT	STATISTICS		MOVING AVG				EVENT NO.
Oct-08	800.00	2000	20			1015.00	1015.00	10/24/2008	semiannual	65
May-09	847.00	2000	20			823.50	823.50	5/12/2009	semiannual	66
Oct-09	1440.00	2000	20			1143.50	1143.50	10/29/2009	semiannual	67
May-10	860.00	2000	20			1150.00	1150.00	5/20/2010	semiannual	68
Oct-10	1080.00	2000	20			970.00	970.00	10/18/2010	semiannual	69
Jun-11	340.00	2000	20			710.00	710.00	6/2/2011	semiannual	70
Oct-11	1040.00	2000	20			690.00	690.00	10/12/2011	semiannual	71
May-12	490.00	2000	20			765.00	765.00	5/18/2012	semiannual	72
Oct-12	1360.00	2000	1280			925.00	925.00	10/11/2012	semiannual	73
May-13	880.00	2000	1000			1120.00	1120.00	5/17/2013	semiannual	74
Oct-13	860.00	2000	880			870.00	870.00	10/11/2013	semiannual	75
May-14	690.00	2000	544			775.00	775.00	5/5/2014	semiannual	76
Oct-14	2050.00	2000	103			1370.00	1370.00	10/6/2014	semiannual	77
Jul-15	800.00	2000	17			1425.00	1425.00	7/9/2015	semiannual	78
Jul-16	533.00	2000	50			666.50	666.50	7/20/2016	Annual	79
Sep-17	637.60	2000	10			585.30	585.30	9/22/2017	Annual	80
Jul-18	506.00	2000	10			571.80	571.80	7/24/2018	Annual	81
Aug-19	628.10	2000	100			567.05	567.05	8/6/2019	Annual	82
Sep-20	353.20	2000	10			490.65	490.65	9/4/2020	Annual	83
Aug-21	670.00	2000	5			511.60	511.60	8/3/2021	Annual	84
Aug-22	304.30	2000	10			487.15	487.15	8/30/2022	Annual	84
Aug-23	26.41	2000	10			165.36	165.36	8/15/2023	Annual	85

APPENDIX E

IC/EC CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 932039

Site Name Vanchlor Company, Inc.

Site Address: 600 Mill Street Zip Code: 14094
City/Town: Lockport
County: Niagara
Site Acreage: 5.000

Reporting Period: February 13, 2023 to February 13, 2024

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Closed Landfill	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 932039 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
95.17-1-56.11	VANCHLOR COMPANY, INC.	Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan Ground Water Use Restriction Building Use Restriction

Order On Consent; July 10, 2014.
Compliance with the Site Management Plan; January 2015.
Compliance with the Deed Restriction; October 5, 1999.
Prohibition against disturbance of the landfill cap and monitoring system.
Prohibition on the use of groundwater.
Prohibition on gardening/farming.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
95.17-1-56.11	Cover System Fencing/Access Control

The cover system is comprised of a low permeability cap constructed as 24 inch thick clay layer, 3 inch thick drainage layer, 15 inch thick loam layer, six inch thick topsoil layer and vegetative cover. An inspection is done annually. Maintenance is routinely done or as needed to maintain the cover integrity. A fence encompasses the site for security purposes. Repair or replacement of any damaged or deteriorated components are done as needed.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative — Date

IC CERTIFICATIONS
SITE NO. 932039

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Brian Law (print name) at Vanchlor Co. Inc. 45 Main St. Lockport, NY 14094 (print business address),

am certifying as Designated Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Brian Law
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

01/05/2024
Date

EC CERTIFICATIONS

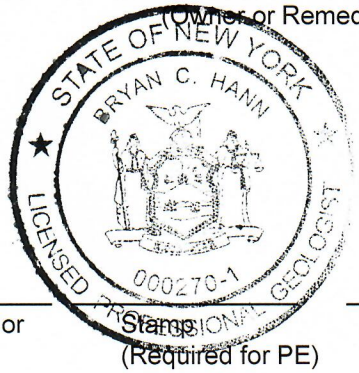
Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Bryan C. Hann, P.G. (NY) at TRC Environmental Corporation, 1090 Union Road, Suite 280, West Seneca, NY 14224,
print name — print business address

am certifying as a ~~Professional Engineer~~ Qualified Environmental Professional for the Owner
(Owner or Remedial Party)



Bryan C Hann — 1/4/2024

Signature of ~~Professional Engineer~~ Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification — Stamp (Required for PE) — Date