2004 Annual Report

Lime Kiln Landfill
Grafton, Wisconsin

Prepared for:

Village of Grafton
Grafton, Wisconsin

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June 2005

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1.0 INTRODUCTION

1.1 PURPOSE

This annual report summarizes the environmental monitoring results and trends at the Lime Kiln Landfill, and evaluates the effectiveness of the natural attenuation remedy that is being assessed as approved in the Investigation Report (Earth Tech, 1999). This is the fifth annual report submitted for the site, and it describes and documents site conditions and activities from January 2000 to December 2004. This report fulfills the requirements of NR 724 that requires reporting of groundwater analysis and site activities. Accordingly, this report includes:

- Presentation of groundwater analytical results.
- Evaluation of groundwater data trends and evidence of the natural attenuation process.
- Recommendations for future monitoring considerations.

Groundwater data presented in this report includes 21 sample events completed in 2000 (January, March, June, September, and December), 2001 (March, June, October, and December) , 2002 (March, June, October, and December), 2003 (March, June, September, and December) and 2004 (March, June, September, and December). The next scheduled annual report will be compiled after the fourth quarter of 2005.

1.2 REPORT ORGANIZATION

The report is organized as follows; Section 1 provides a brief regulatory summary, describing where the site is to date within the regulatory framework. The investigation scope of work, as well as the site setting, is summarized in Section 2. Section 3, groundwater monitoring, presents the physical and chemical groundwater data collected as part of the monitoring that has taken place during 2000 through 2004. Section 4 is a summary of the natural attenuation process as it occurs at Lime Kiln Landfill. Sections 5 and 6 are the conclusions and recommendations of this report.

2.0 SITE INVESTIGATION SUMMARY

This section summarizes the Site Investigation and Preliminary Remedial Action Investigation Report (Earth Tech, 1999). A full explanation of the site history and investigation is in the Site Investigation Report.

The Lime Kiln Landfill in Grafton, Wisconsin, was investigated under Wisconsin Administrative Code (WAC) NR 700 by the Wisconsin Department of Natural Resources (WDNR) because of impacts of the landfill on the environment.

The Lime Kiln Landfill is defined as a "complex" site under NR 700 based on the groundwater sample results. This designation requires the following be completed: 1) site investigation, 2) identification and evaluation of remedial action options, 3) remedial alternative selection, 4) design, 5) maintenance and operation of remedial actions implemented, and 6) site monitoring. The Village of Grafton completed Items 1 and 2 of this list in the Site Investigation and Preliminary Remedial Action Identification Report (Earth Tech, 1999). Items 3 and 4 are complete, and items 5 and 6 are ongoing.

2.1 SITE LOCATION

The Lime Kiln Landfill site is within the limits of Lime Kiln Park in the Village of Grafton, Ozaukee County. The Milwaukee River borders the south and east edges of the park, while residential areas border the northeast, west, and southwest sides of the Park, as well as the east side of the Milwaukee River. Industries and businesses are located west, north, and northwest of the park along Wisconsin Avenue. The quarry area actually filled is approximately 1.4 acres based upon the field investigation results. The landfill location and site conditions are shown on Figure 1. There have been no changes to the site conditions since the 2000 annual report.

2.2 CONCEPTUAL HYDROGEOLOGIC MODEL

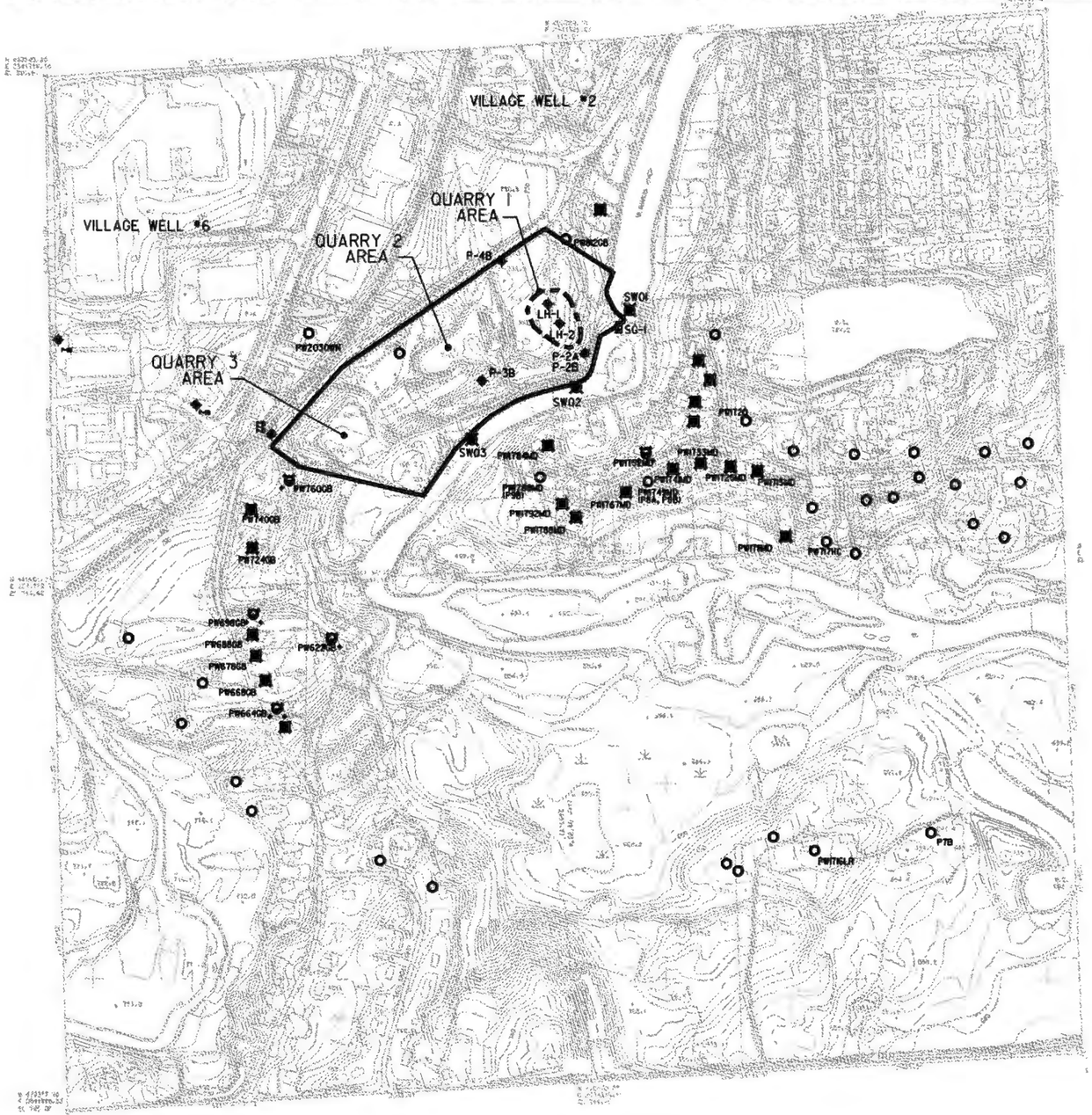
The conceptual groundwater flow model consists of thin unconsolidated glacial deposits and fill which overlie an unconfined dolomite bedrock aquifer. The dolomite aquifer contains lithologic changes, and individual hydrostratigraphic units were classified as aquifers or aquitards. The vertical extent of the conceptual model is bounded by a lower permeability aquitard.

The Silurian-age dolomite aquifer is comprised of undifferentiated Racine Formation and the Romeo beds of the Racine Formation. The aquifer extends approximately 200 feet below the top of bedrock, coincident with the contact of the underlying Waukesha Formation. The Waukesha Formation is designated as an aquitard because it is fine-grained and unweathered.

Northwest of the Park, the water table is on the order of 15 to 20 feet below the ground surface. At the landfill, the water table is about 20 feet below ground surface, saturating the lower portion of the waste in the landfill.

The Milwaukee River forms the eastern boundary of the Park. The 500- to 700-foot reach of the river immediately downstream of the dam adjacent to the park is higher than the water table. Water, therefore, flows from the river bottom to the aquifer.

The local component of the flow system in the vicinity of the site is less pronounced than the regional components. Groundwater in the uppermost aquifer (Racine Formation including the Romeo beds) is considered part of the regional flow systems with a recharge area encompassing the site, as well as



EXPLANATION

- LIME KILN PARK PROPERTY BOUNDARY
- LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- PRIVATE WATER SUPPLY WELL TO BE ABANDONED
- ABANDONED PRIVATE WATER SUPPLY WELL
- PRIVATE WATER SUPPLY WELLS THAT HAVE BEEN SAMPLED
- SW-1 SURFACE WATER SAMPLE
- MW-1 MONITORING WELL
- LH-1 LEACHATE WELL
- MONITORING WELL NEST
- SG-1 STAFF GAUGE

NOTES:

1. TOPOGRAPHIC BASE MAP AND PRIVATE WELL LOCATIONS COMPILED FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
2. HORIZONTAL DATUM BASED ON STATE PLANE COORDINATES.

N

SCALE 0' 175' 350' 700'

EARTH TECH

FIGURE 1
EXISTING CONDITIONS

2004 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN

APRIL 2005 30250

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topographically high areas west of the site. Longer flow paths and discharge to Lake Michigan located about 2.5 miles to the east of the site also characterize the regional flow system.

Once water reaches the water table, flow is controlled by the hydraulic head in the units as shown by water levels in wells surrounding the site. The downward gradients are consistent with the site's position within a recharge area as evidenced by vertical gradients observed in the investigation report.

Groundwater flow is controlled primarily by the bedrock structure and the regional discharge to Lake Michigan. In highly transmissive zones (higher hydraulic conductivity), advective contaminant transport within the aquifer yields a narrow plume, as seen downgradient of the Lime Kiln site.

The regional groundwater flow pattern may also be influenced by public and private water supply wells in the area. The Village of Grafton has seven water supply wells that pump groundwater. Two wells with limited usage are located upgradient of Lime Kiln Park and are shown on Figure 1. Private residence wells outside the Village limits also withdraw groundwater and may affect groundwater flow.

2.3 1999 INVESTIGATION REPORT CONCLUSIONS AND RECOMMENDATIONS

The 1999 Investigation Report had the following conclusions:

- The Lime Kiln Landfill is a source of groundwater impacts.
- Groundwater is impacted in the upper 100 to 200 feet of the Racine Dolomite.
- Two groundwater contaminant plumes were delineated during this investigation. Groundwater contamination from the landfill is limited to the area shown on Figure 8 of the investigation report (included in Appendix A). Groundwater contamination from other sources contribute to the West Plume, also shown on Figure 8. The plumes are distinguished by compounds unique to each plume. NR 140 standards are exceeded for limited compounds in each plume.
- Treatment of the landfill plume is occurring through natural attenuation of parent VOC products as evidenced by the presence of breakdown by-products, and the levels of natural attenuation indicators in groundwater.

The WDNR and the Village of Grafton agreed to the following in 2000 to implement a long-term monitoring program:

- Two private residence wells, PW1788MD and PW1749MD, were converted to monitoring wells screened in the "B" monitoring zone to monitor the west edge of downgradient contamination and to monitor the middle of the Lime Kiln plume.
- Two additional monitoring wells were installed. A shallow well was nested with the monitoring well at PW1749 (P8A, P8B) to monitor shallow groundwater concentrations in the middle of the plume. A downgradient well (P7B) was constructed on the Watts property, also in the "B" monitoring zone, to monitor concentrations between the known plume and downgradient private wells.
- The monitoring plan proposed in Table 13 of the Investigation Report was carried out for four quarters to evaluate natural attenuation as a remedial option at the Lime Kiln Landfill. The plan was then revised, and carried out four an additional four quarters in 2001.

2.4 CURRENT STATUS

Groundwater monitoring to determine the feasibility of natural attenuation as a remedial option is ongoing. This report includes an analysis of natural attenuation during between 2000 and 2003. Groundwater sampling for this report took place between January 2000 and December 2003.

Prior submittals to the Department include the 2000, 2001, 2002 and 2003 Annual Reports, the 1999 Investigation Report, response to comments on the Investigation Report in January 2000, and construction documentation of required monitoring wells P7B, P8A and P8B, and P9B in June 2000. Groundwater sampling results are also submitted to the WDNR in the specified electronic format.

3.0 GROUNDWATER MONITORING

Groundwater monitoring results are being supplied in this report as required in NR 724. The monitoring plan is outlined in Table 1, which lists the wells, parameters, and monitoring frequency for 2004. In addition to groundwater sampling, water levels are collected from site wells to evaluate groundwater flow conditions.

Within the groundwater monitoring program, wells are divided into two major groups, labeled 1 and 2. Group 1 wells are used to evaluate the natural attenuation process. Group 2 wells are used to monitor the edges of the plume, and as sentinel wells for downgradient groundwater users. Group 1 wells are monitored quarterly for lists A (VOCs), B (natural attenuation parameters), C (indicator parameters) and D (Landfill gas.) Group B wells are monitored semi-annually for list A (VOCs) only.

3.1 GROUNDWATER OCCURRENCE AND FLOW

The water table represents the top of the groundwater flow system. The water table surface at the landfill has been measured in monitoring wells LH1 and P2A, at approximately 20 feet below ground surface.

Groundwater elevations for the piezometric surface within the Racine Formation "B" monitoring zone, at an elevation between approximately 630 and 650 feet MSL, are depicted on Figures 2 through 5. One piezometric surface was created for each quarter of the year as required. There are only slight variations in water elevations throughout the year.

As shown on the Figures 2 through 5, the piezometric surface ranges in elevation from approximately 710 feet MSL at upgradient well P4B to 685 feet MSL southeast of the site at P8B. Based on these elevations, groundwater within the undifferentiated Racine Formation flows to the south-southeast near Lime Kiln Park, as was shown during the site investigation.

Horizontal hydraulic gradients are similar to those calculated in the investigation report, ranging from 0.019 to 0.013 feet/foot.

Vertical hydraulic gradients were calculated for each quarter from water level data collected at piezometer nests P2A/P2B and P8A/P8B. Gradient calculations are documented in Appendix B. The vertical gradient is downward during four quarters at the P2 nest, consistent with those measured during the investigation. The calculated vertical gradient within the undifferentiated Racine Formation at the P2A/B piezometer ranges from approximately 0.01 to 0.05 feet/foot downward. At the P8A/B piezometer nest, the calculated vertical gradient ranges from 0.02 to 0.04 feet/foot downward during the four events. The overall downward flow component is consistent with the site's location within a recharge area.

3.2 SAMPLE DATA ANALYSIS

This section presents the data from the most recent four sample events, completed in 2004 (March, June, September, and December) and compares the recent data to the past four years of data.

The results were compiled and compared to NR 140 groundwater standards. They were also reviewed to identify trends in compound concentrations and evaluate the process of natural attenuation that is occurring at the site.

VILLAGE WELL #2

VILLAGE WELL #6
QUARRY 3
AREA

QUARRY 1
AREA

QUARRY 2
AREA

EL=711.50
P-4B

PW812GB

710
705
700
695
690

P-2A
P-2B
EL=694.12
(P-2B)

EL=697.69
P-3B

P-6B

P-5B

P-1B
P-1C
P-1D

PW760GB

PW1720

EL=687.39
(P8B)

PW1786MD
(P9B)

PW1749MD
(P8A, P8B)

PW664GB

P7B

EXPLANATION

- LIME KILN PARK PROPERTY BOUNDARY
- ESTIMATED LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- 700 GROUNDWATER CONTOURS (5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- EL=694.12 (P-2B) LEACHATE WELL NEST WITH PIEZOMETRIC ELEVATON. DESIGNATED WELL IN PARENTHESES (P-2A, P-2B)
- EL=711.50 P-4B PIEZOMETER WITH PIEZOMETRIC ELEVATON
- EL=687.39 (P8B) PW1749MD (P8A,P8B) PRIVATE WELL WITH PIEZOMETRIC ELEVATON

NOTES:

1. TOPOGRAPHIC BASE MAP AND PRIVATE WELL LOCATIONS COMPILED FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
2. HORIZONTAL DATUM SYSTEM BASED ON THE STATE PLANE COORDINATE SYSTEM.
3. ELEVATIONS ARE USGS MEAN SEA LEVEL. DATUM BASED ON GROUNDWATER LEVELS MEASURED ON MARCH 23, 2004.

N

SCALE 0' 125' 250' 500'

EARTH TECH

FIGURE 2
PIEZOMETRIC CONTOUR MAP-
MARCH 2004
2004 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN

APRIL 2005 30250

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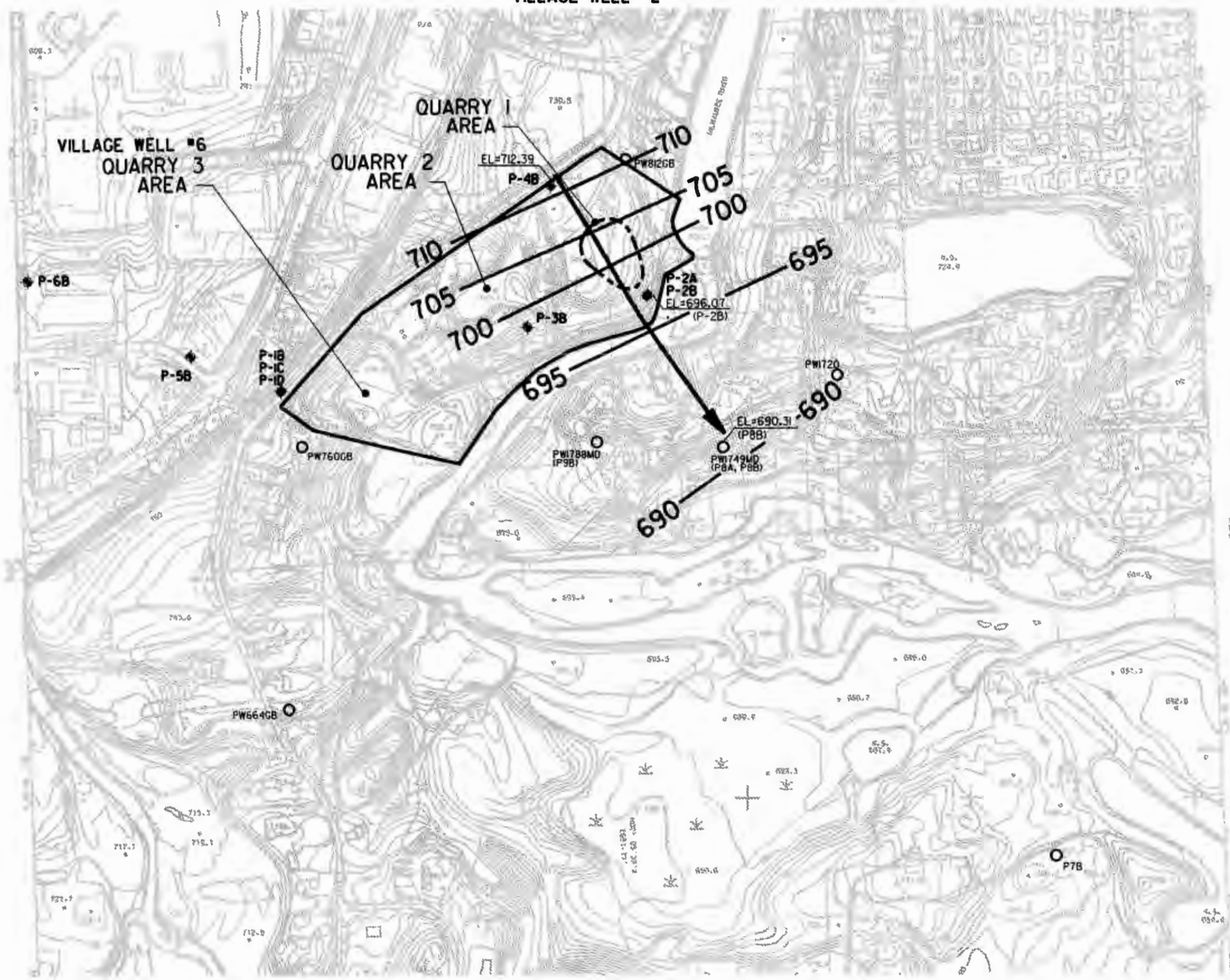


EXPLANATION

- LIME KILN PARK PROPERTY BOUNDARY
- ESTIMATED LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- 700 GROUNDWATER CONTOURS (5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- EL=696.07 (P-2B) / P-2A P-2B — LEACHATE WELL NEST WITH PIEZOMETRIC ELEVATON. DESIGNATED WELL IN PARENTHESES
- EL=712.39 / P-4B — PIEZOMETER WITH PIEZOMETRIC ELEVATON
- EL=690.13 (P8B) / PW1749MD (P8A,P8B) — PRIVATE WELL WITH PIEZOMETRIC ELEVATON

NOTES:

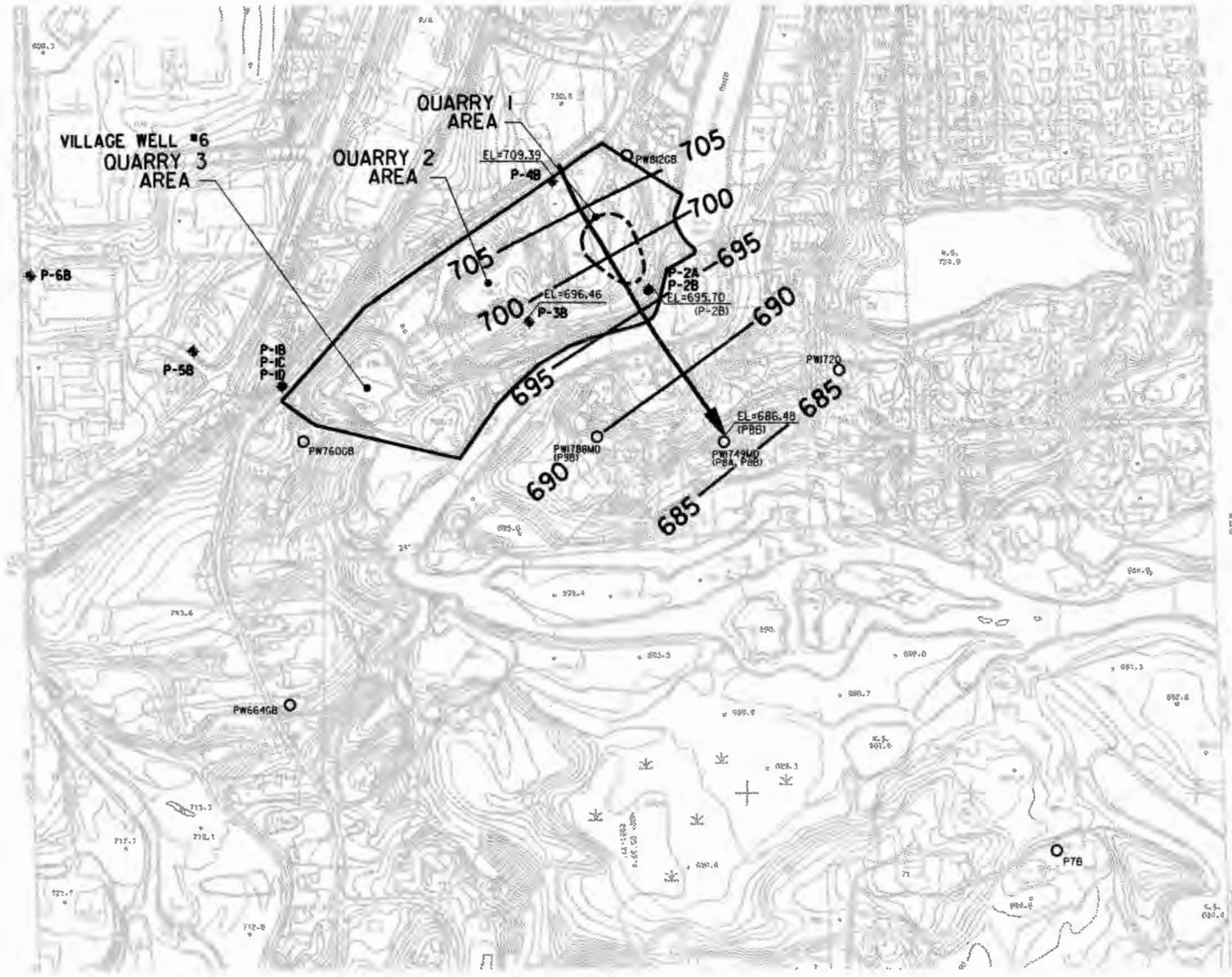
1. TOPOGRAPHIC BASE MAP AND PRIVATE WELL LOCATIONS COMPILED FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
2. HORIZONTAL DATUM SYSTEM BASED ON THE STATE PLANE COORDINATE SYSTEM.
3. ELEVATIONS ARE USGS MEAN SEA LEVEL. DATUM BASED ON GROUNDWATER LEVELS MEASURED ON JUNE 23, 2004.

N

SCALE 0' 125' 250' 500'

EARTH TECH

FIGURE 3
PIEZOMETRIC CONTOUR MAP- JUNE 2004
2004 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN
APRIL 2005 30250



EXPLANATION

- LIME KILN PARK PROPERTY BOUNDARY
- ESTIMATED LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- 700 — GROUNDWATER CONTOURS (5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- EL=695.70 (P-2B) / P-2A P-2B — LEACHATE WELL NEST WITH PIEZOMETRIC ELEVATON. DESIGNATED WELL IN PARENTHESES
- EL=709.39 / P-4B — PIEZOMETER WITH PIEZOMETRIC ELEVATON
- EL=686.48 (P8B) / PW1749MD (P8A,P8B) — PRIVATE WELL WITH PIEZOMETRIC ELEVATON

NOTES:

1. TOPOGRAPHIC BASE MAP AND PRIVATE WELL LOCATIONS COMPILED FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
2. HORIZONTAL DATUM SYSTEM BASED ON THE STATE PLANE COORDINATE SYSTEM.
3. ELEVATIONS ARE USGS MEAN SEA LEVEL, DATUM BASED ON GROUNDWATER LEVELS MEASURED ON SEPTEMBER 22, 2004.

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SCALE 0' 125' 250' 500'

EARTH TECH

FIGURE 4
PIEZOMETRIC CONTOUR MAP- SEPTEMBER 2004
2004 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN
APRIL 2005 30250

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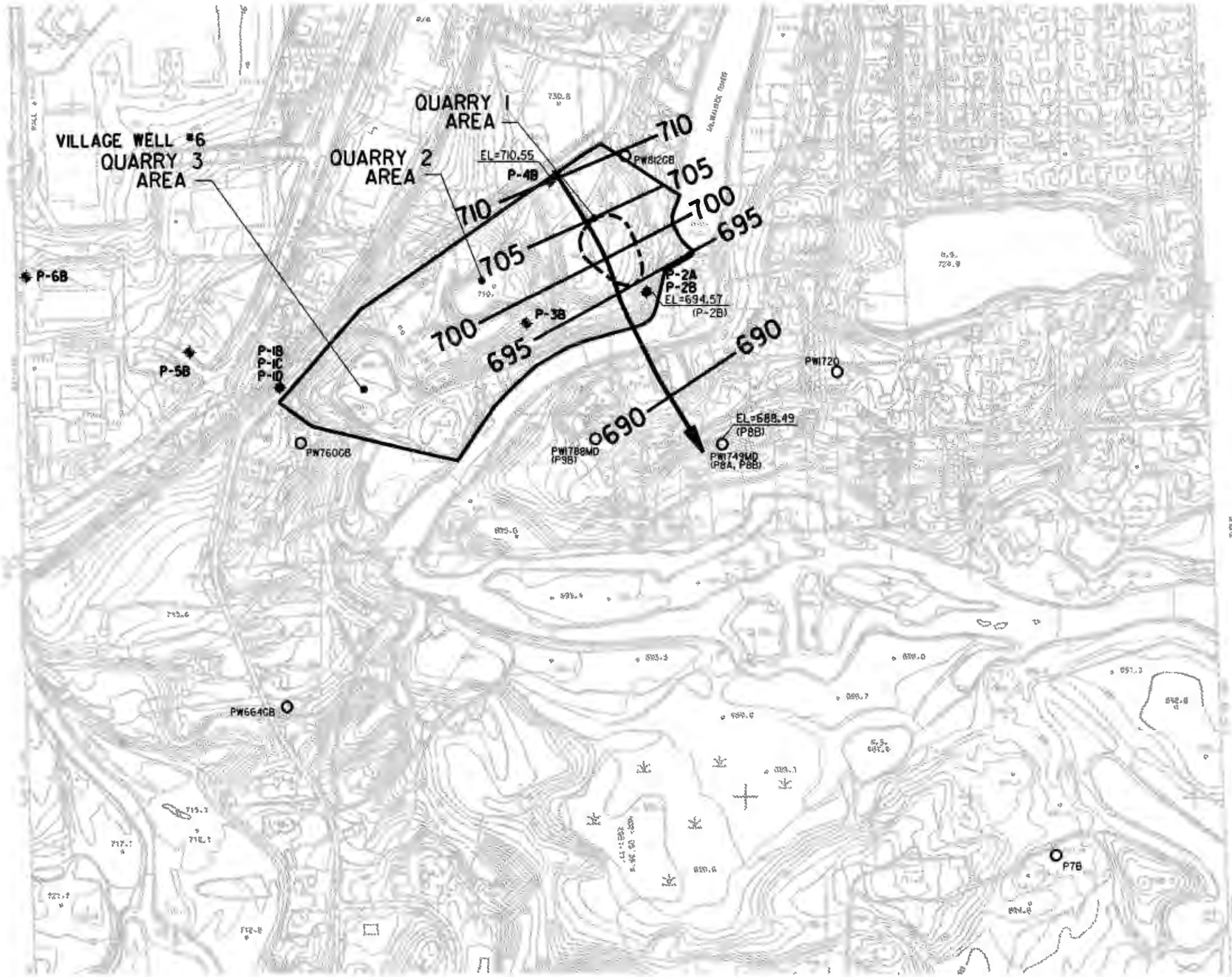
VILLAGE WELL #2



EXPLANATION

- LIME KILN PARK PROPERTY BOUNDARY
- ESTIMATED LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- 700 GROUNDWATER CONTOURS (5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- EL=694.57 (P-2B) / P-2A P-2B — LEACHATE WELL NEST WITH PIEZOMETRIC ELEVATON. DESIGNATED WELL IN PARENTHESES
- EL=710.55 / P-4B — PIEZOMETER WITH PIEZOMETRIC ELEVATON
- EL=688.49 (P8B) / PW1749MD (P8A,P8B) — PRIVATE WELL WITH PIEZOMETRIC ELEVATON

NOTES:

1. TOPOGRAPHIC BASE MAP AND PRIVATE WELL LOCATIONS COMPILED FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
2. HORIZONTAL DATUM SYSTEM BASED ON THE STATE PLANE COORDINATE SYSTEM.
3. ELEVATIONS ARE USGS MEAN SEA LEVEL, DATUM BASED ON GROUNDWATER LEVELS MEASURED ON DECEMBER 14, 2004.

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SCALE 0' 125' 250' 500'

EARTH TECH

FIGURE 5
PIEZOMETRIC CONTOUR MAP-
DECEMBER 2004
2004 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN

APRIL 2005 30250

TABLE 1

MONITORING PLAN - 2004
VILLAGE OF GRAFTON

Parameter List

Analysis A.	VOCs
Analysis B.	Natural Attenuation Parameters - Chloride, Nitrate
Analysis C.	Indicator Parameters - pH, Temperature, Conductivity, DO, ORP
Analysis D.	Methane, Ethane, Ethene

Well Groups

Well List 1

LH1 - Groundwater within waste
P2A - Downgradient of landfill
P2B - Downgradient of landfill
P4B - Upgradient of landfill
P7B - Downgradient of landfill
P8A - Downgradient of landfill
P8B - (formerly PW1749) - Downgradient of plume

Well List 2

PW1530LR
PW1587LR
PW461HR
PW1716LR**
P3B* - Sidegradient of landfill - west side
PW717HC (Sidegradient of plume - east side)

Monitoring Plan

Well List 1

Quarterly analysis of List A, B, C	(March, June, September, December)
Semi-annual analysis of List D	(P2, P8 nests only)

Well List 2

Semi-annual analysis of List A	(June, December)
*Semi-annual analysis of List A	(March, September)
**Quarterly analysis of List A	(March, June, September, December)

3.2.1 Monitoring Plan

Groundwater monitoring wells are shown on Figure 1, and the 2004 monitoring plan is presented in Table 1. Groundwater results from four rounds are summarized in Table 2. Table 2 lists compounds that were detected in monitoring plan wells during 2004, and compounds that exceed the Preventive Action Limit (PAL) or the Enforcement Standard (ES) at one or more wells in the monitoring plan are marked accordingly. Table 3 lists groundwater trends (rising, falling, or stable) for the parameters listed in Table 2, and provides the trend analysis from the 2001, 2002, and 2003 Annual Reports for comparison. A complete list of 2004 detects and exceedences is included in Appendix C, and an electronic copy of 2004 results is included in the WDNR electronic format in Appendix C.

Compounds detected in monitoring plan wells were analyzed using standard regression analysis at a 90 percent significance level. Data from the past 21 quarters were included in the statistical analyses. Printouts of these analyses are included in Appendix D. The results of this analysis are described in the following sections, from upgradient to downgradient. Trend charts are provided for trichloroethene (TCE) and vinyl chloride, the two most commonly detected parameters. Groundwater samples critical to the natural attenuation evaluation are summarized in Section 3.2.2, beginning at upgradient well P4B and working toward the downgradient well P7B. Downgradient private and side gradient protection well results are summarized in Section 3.2.3.

3.2.2 Monitoring List 1 - Natural Attenuation Wells

Upgradient Well P4B

Three chlorinated compounds were detected during three sample events at P4B during 2004. Cis-1,2-dichloroethene (DCE) was detected in each event, always below the PAL. TCE was detected in each event above the PAL but below the ES. Vinyl chloride was detected above the ES during each monitoring event. Nitrogen was detected during three events, and was above the PAL in each event.

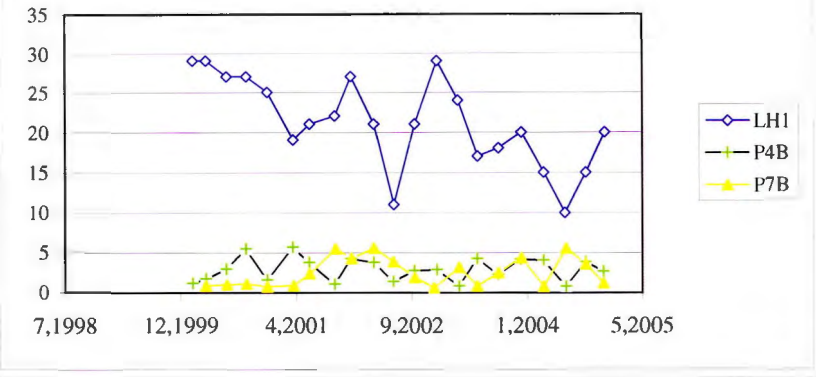
The presence of these compounds in the upgradient well suggests that there are groundwater constituents flowing into the site from upgradient sources. The steep groundwater gradient toward the site in the vicinity of the upgradient well makes it unlikely that the landfill is contributing to the concentrations detected at P4B.

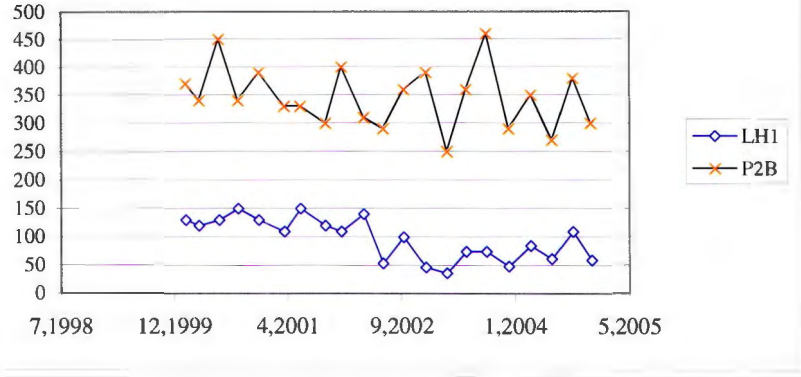
Data trends for well P4B are shown on Figure 6, and trend analyses are located in Appendix D. TCE and vinyl chloride have stable trends according to the regression analysis. Cis-1,2 DCE has a rising trend. Other compounds detected at P4B were either inconsistently detected or were detected at levels that are very low or unreliable for trend analysis.

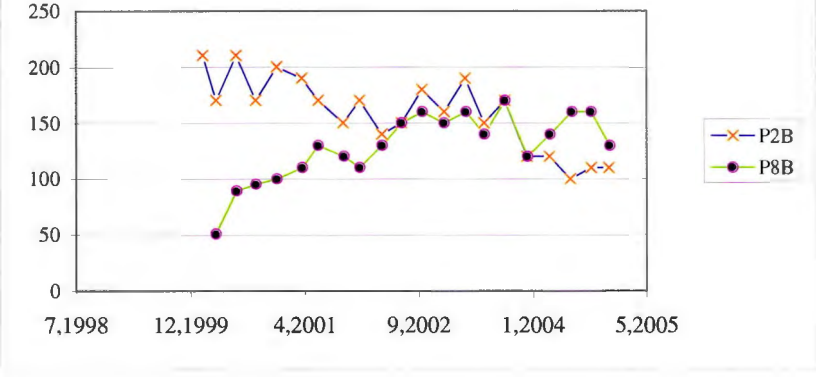
Leachate Well LH1

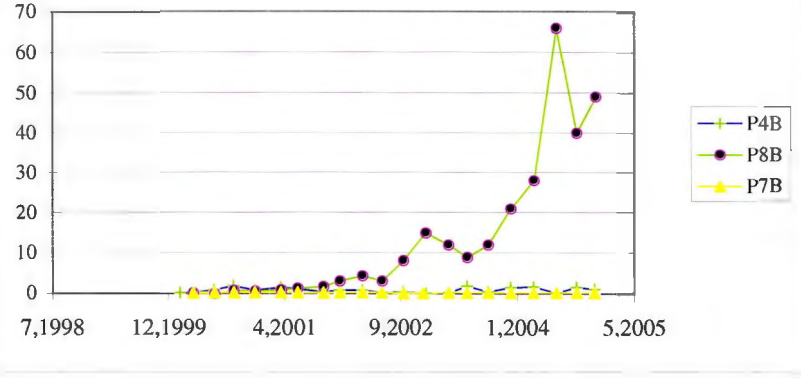
Eight VOCs have been consistently detected at LH1 located within the landfill waste. Several other VOCs have been detected, though not consistently each sample event, as listed in Appendix D. Of these compounds, 1,1-dichloroethene (1,1 DCE), cis-1,2-DCE, tetrachloroethene (PCE), TCE, and vinyl chloride are consistently detected above the PAL or ES. 1,1-Dichloroethane (1,1 DCA), and trans-1,2-DCE are detected consistently below regulatory limits. Other VOCs are detected inconsistently, and rarely above the PAL. Chloride was detected twice above the PAL, and nitrogen has been consistently detected above the PAL.

Compound concentrations at LH1 within the PCE/TCE and 1,1,1-TCA breakdown pathways are either stable or decreasing as shown in Table 3. Figure 6 shows the decreasing concentrations of vinyl chloride and TCE as determined by regression analysis in Appendix D. Breakdown products from both pathways









Concentration units are in ug/l.

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

Figure 6
Village of Grafton - Lime Kiln Landfill
TCE and Vinyl Chloride Concentration Vs. Time Plots
2004 Groundwater Monitoring Plan Annual Report
June, 2005

TABLE 2

DETECTED VOLATILE ORGANICS AND NR 140 PUBLIC HEALTH EXCEEDANCES JANUARY 2004 TO DECEMBER 2004 VILLAGE OF GRAFTON

Detected Compounds[1]	Exceeded ES[2]	Exceeded PAL[2]
1,1,1-Trichloroethane		
1,1,2-Trichlorotrifluoroethane		
1,1-Dichloroethane		
1,1-Dichloroethene		LH-1[4], P8A[4], P8B[3]
Benzene		
Chloride	P2A	P2B
Chloroethane		
cis-1,2-Dichloroethene	LH-1[4], P2B[4], P8A[4], P8B[3]	P-2A[4]
Ethane		
Ethene		
Methane		
Methylene chloride		
Tetrachloroethene		
trans-1,2-Dichloroethene		
Trichloroethene	LH-1[4], P2A[4], P2B[4], P7B[5], P8A[5], P8B[3]	P4B[5]
Vinyl chloride	LH-1[4], P2A[5], P2B[5], P4B[4], P7B[5], P8A[4], P8B[3]	

NOTES:

1 Volatile organic compounds that were detected in groundwater monitoring wells during the period.
2 Denotes compounds that exceeded standards at the listed wells during the previous 4 quarters.
3 Rising trend for the compound at the denoted well.
4 Falling trend for the compound at the denoted well.
5 Stable or no significant trend for the compound at the denoted well.

TABLE 3

TREND SUMMARY - NATURAL ATTENUATION MONITORING
LIME KILN LANDFILL
VILLAGE OF GRAFTON

2000-2004 Results

Compound	Upgradient	Landfill Wells		Plume Wells				
Test Name	P4B	LH1	LH2	P2A	P2B	P8A	P8B	P7B
1,1,1-Trichloroethane			NA			↓	↑	
1,1-Dichloroethane		--	NA	--	↓	↓	↑	
1,1-Dichloroethene		↓	NA		--	↓	↑	
cis-1,2-Dichloroethene	--	↓	NA	↓	↓	↓	↑	↑
trans-1,2-Dichloroethene		↓	NA	--	↓	--	↑	
Trichloroethene	--	↓	NA	↓	↓	--	↑	--
Vinyl chloride	--	↓	NA	--	--	↓	↑	

NOTE:
Trends determined using regression analysis (Appendix D) from 2000 through 2004
Exceedences determined for 2004

2001-2002 Results

Compound	Upgradient	Landfill Wells		Plume Wells				
Test Name	P4B	LH1	LH2	P2A	P2B	P8A	P8B	P7B
1,1,1-Trichloroethane			NA	--	--	--	--	
1,1-Dichloroethane		↓	NA	↓	--	--	↑	
1,1-Dichloroethene		--	NA		--	--	--	
cis-1,2-Dichloroethene	--	↓	NA	↓	--	--	↑	--
trans-1,2-Dichloroethene		--	NA	--	--	--	--	
Trichloroethene	--	--	NA	--	--	--	↑	--
Vinyl chloride	↓	↓	NA	↓	--	↑	↑	

NOTE:
Trends determined using WDNR Mann-Whitney analysis spreadsheet.
Results of monitoring between January 2001 and December 2002.

2000-2001 Results

Compound	Upgradient	Landfill Wells		Plume Wells				
Test Name	P4B	LH1	LH2	P2A	P2B	P8A	P8B	P7B
1,1,1-Trichloroethane		--	--	--	--	--	--	
1,1-Dichloroethane		--	--	--	↓	--	↑	
1,1-Dichloroethene		--	--		↓	↑	↑	
cis-1,2-Dichloroethene	--	↓	--	--	--	--	↑	↑
trans-1,2-Dichloroethene		--	--	--	--	--	--	
Trichloroethene	--	↓	--	--	--	--	↑	↑
Vinyl chloride	--	--	--	--	↓	--	↑	--

NOTE:
Trends determined using WDNR Mann-Whitney analysis spreadsheet.
Results of monitoring between January 2000 and December 2001.

Key	
↑	Rising trend
↓	Falling Trend
--	Stable, detected
	Not detected
NA	No analysis
	Above PAL during 2004

are present at LH1.The continuing presence of breakdown products suggests that natural attenuation is occurring.

Downgradient Wells P2A and P2B

Well nest P2A/P2B is located downgradient of the landfill within 50 feet of the waste limit. VOCs in both the TCE and 1,1,1-trichloroethane pathways have been detected at P2A and P2B. P2B concentrations are typically higher than at P2A, which is consistent with the measured downward gradient. In comparison to other wells in the monitoring program, the compounds associated with the landfill are detected at the highest concentrations at P2B.

Several chlorinated compounds were detected at the P2 monitoring nest, as listed in Appendix C. At P2A, vinyl chloride is consistently detected above the ES, and TCE is consistently above the PAL. Cis-1,2-DCE, trans-1,2-DCE and 1,1 DCA were consistently detected below the PAL in 2004. Chloride is also consistently above the ES. At P2B, cis-1,2-DCE, TCE, and vinyl chloride are consistently detected above the ES, and chloride is consistently above the PAL. 1,1-DCA and trans-1,2-DCE are consistently detected at P2B below regulatory standards. 1,1,1-TCA has not been detected at P-2B since June of 2001.

At wells P2A and P2B, concentration trends for the major chlorinated compounds are stable or decreasing as shown in Table 3, and Appendix D. The presence of breakdown products and decreasing trends for chlorinated compounds demonstrates that attenuation continues to occur at this location.

Downgradient Wells P8A and P8B

Well nest P8A/P8B is located downgradient of P2B at 1749 Manchester Drive. VOCs in both the TCE and 1,1,1-TCA breakdown pathways have been detected at P8A and P8B. Compound concentrations are typically lower at P8B than at P8A.

At P8A, seven chlorinated VOCs are consistently detected. Of these, 1,1-DCE is consistently above the PAL, and cis-1,2-DCE, TCE, and vinyl chloride are detected above the ES. Similarly at P8B, cis-1,2-DCE, vinyl chloride, and TCE are detected consistently above the ES. 1,1-DCE was detected above the PAL during 2004. No other compounds are consistently above regulatory limits at either well.

The marker compound from the West Plume, 1,1,2-trichlorotriflouroethane (Freon-113), is also consistently detected at P8B, showing that groundwater in the Manchester Road area (and further downgradient) is influenced by the West Plume (shown in Appendix A.) TCE and cis 1,2-DCE are the only chlorinated compounds with higher concentrations at the deeper well, which is assumed to be at least in part the result of influence from the West Plume. High concentrations of breakdown products such as cis 1,2-DCE are a strong indicator that attenuation continues to occur at this well location.

Trends were analyzed by regression analysis located in Appendix D, and summarized in Table 3. At P8A, the five of seven detected compounds have a downward trend, and two are neutral.

P8B has rising trends of 1,1,1-TCA, 1,1-DCA, 1,1-DCE, TCE, trans-1,2-DCE, cis-1,2-DCE, and vinyl chloride. Of the seven rising trends, four compounds (1,1,1-TCA, 1,1-DCA, 1,1-DCE and trans-1,2-DCE) are at relatively low levels, below five ug/L. While rising trends, they are at low and unreliable concentrations for trend analysis.

TCE has a rising trend since 1999. While statistically significant, the total change has been less than 100 ug/l, going from 90 in 1999 to a high of 170 ug/l in 2003. Over the past 8 events the concentrations

has stabilized around 150 ug/l. Over the past 5 sample events, TCE concentrations have gone down, indicating that the possible peak concentration has been reached in 2003.

Increases in vinyl choride and cis 1,2-DCE are expected, as the TCE continues to break down over time. Both compounds will continue to break down under current, downgradient conditions.

TCE and vinyl chloride concentration trends are graphed on Figure 6. TCE is migrating from upgradient sources including the landfill and the West Plume, based on the continued presence of freon in the well. Increasing levels of breakdown products (cis-1,2-DCE and vinyl chloride) is evidence that TCE is breaking down through attenuation processes. Increasing concentrations of both compounds are expected through the further breakdown of TCE, and conditions exist that will allow both compounds to continue to break down further. Trans-1,2-DCE, 1,1-DCE, and 1,1-DCA are present at low and unreliable levels at both wells, though these compounds are further evidence of TCE and 1,1,1-TCA breakdown regardless of upward or downward trends.

Downgradient Well P7B

Well P7B, located on the Watts property, is the well furthest downgradient monitoring of the Lime Kiln Landfill. TCE is the only compound consistently detected during the monitoring period. TCE has consistently been detected near background levels measured at P4B. The TCE trend at P7B is not statistically significant. Cis-1,2-DCE was consistently detected from 2000 through June 2002, twice during 2003 and three times during 2004. When detected, it is at background levels. While the trend is upward from 2000 to 2004, the levels are low and unreliable for trend analysis. Rising cis-1,2-DCE concentrations may be evidence of TCE breakdown.

Low levels of TCE and cis-1,2-DCE indicate that the well is affected by background concentrations, and do not necessarily indicate that the well is affected by the Lime Kiln Plume. . Inconsistent detects and fluctuating levels at the P7B well indicate that the well is likely beyond the downgradient edge of the Lime Kiln and West Plumes, and that the well may provide a good indication of the maximum extent of contamination from the Lime Kiln Plume. The well continues to provide assurance that contaminant migration has not extended to further downgradient private wells.

3.2.3 Monitoring List 2 - Private and Sentinel Wells

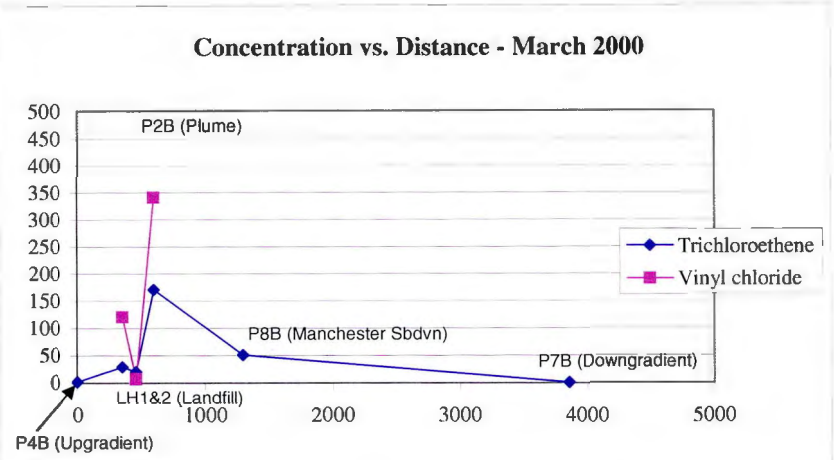
Sidegradient Wells P3B and Private Well 717 Heather Court

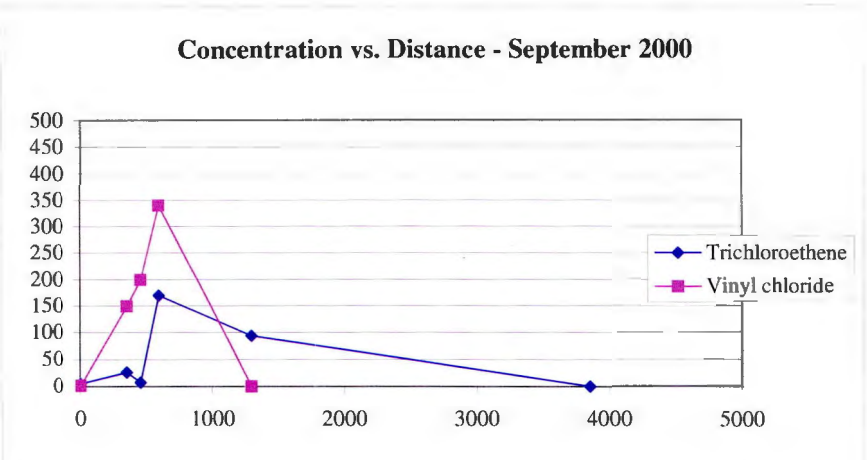
Well P3B is located west and sidegradient of the Lime Kiln Landfill plume. PCE and TCE are the only compounds consistently detected at P3B. As of December 2001, PCE is consistently detected slightly above the PAL and TCE is consistently detected above the ES. While these compounds were detected in the Lime Kiln Landfill, concentration of these compounds at P3B are believed to be from sources unrelated to the landfill. The compounds were detected at wells directly upgradient of P3B during the site investigation at similar concentrations. Both compounds have demonstrated stable concentration trends.

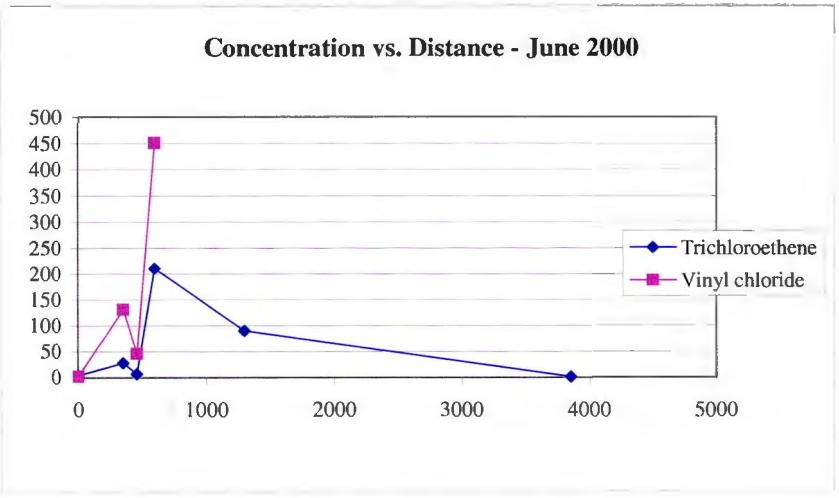
No VOC compounds have been detected in water from the private well at 717 Heather Court (PW717HC.)

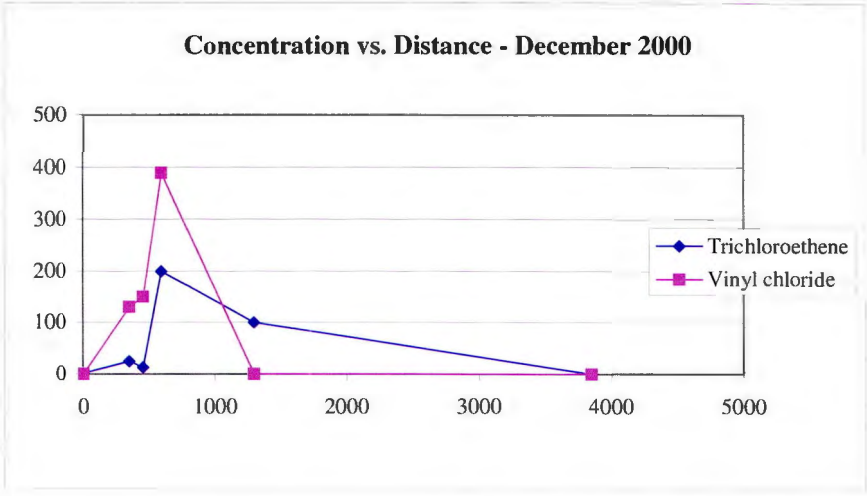
Downgradient Private Wells

Four downgradient private wells (PW1530LR, PW1587LR, PW1716LR, PW461HR) are monitored for potential plume changes. At the four wells listed in Table 1, methylene chloride has been detected in previous sampling results, though it was not detected during 2004. The detects are attributed to lab contamination. No other volatile organic compounds were detected at the four private wells.









Units are in feet and ug/l.

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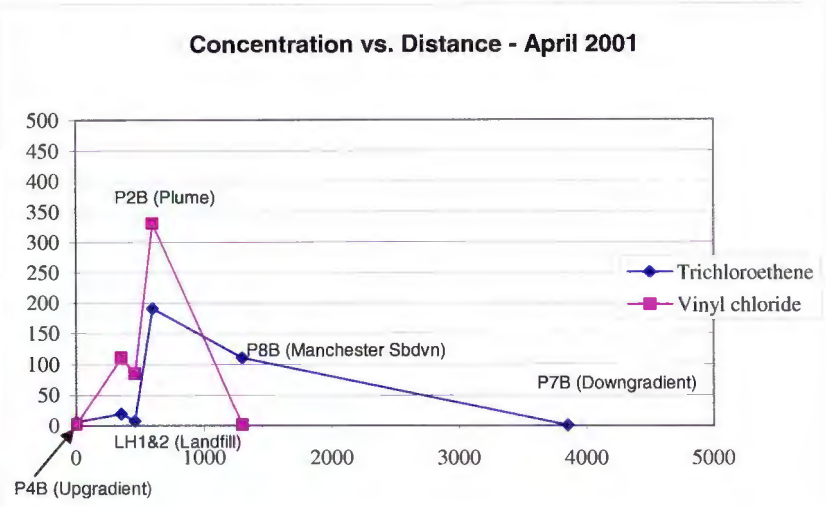
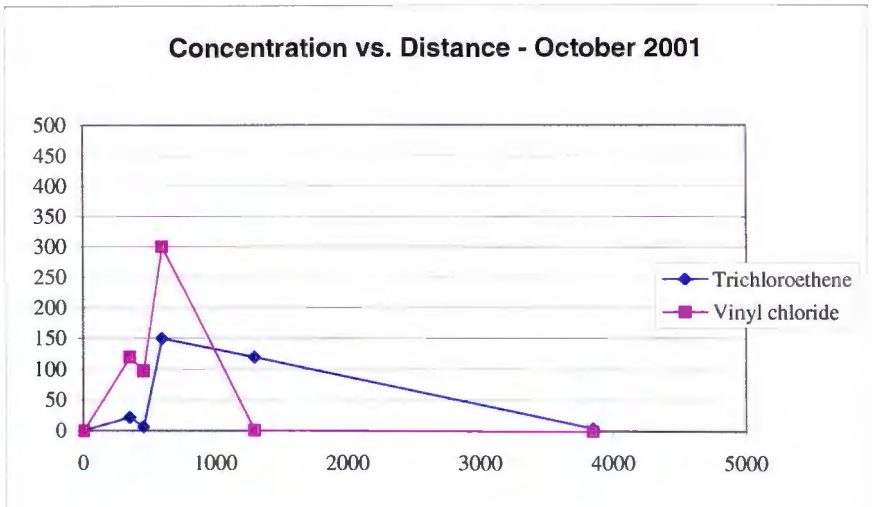
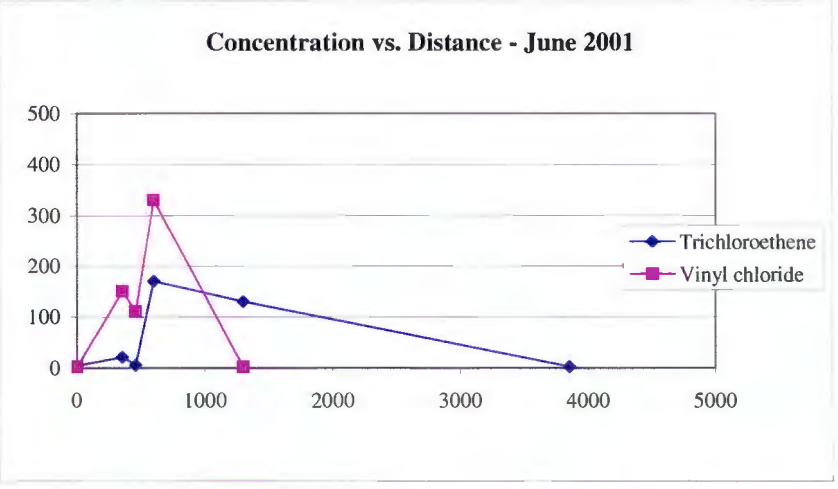
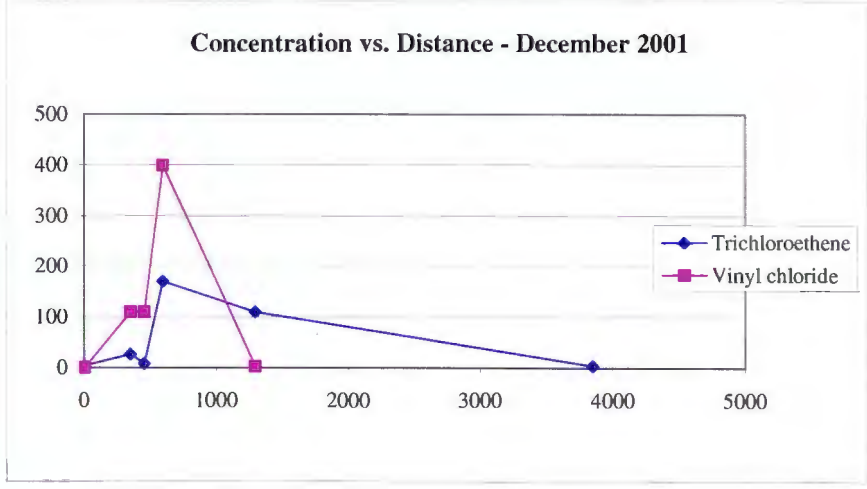
Figure 7
Village of Grafton - Lime Kiln Landfill
TCE and Vinyl Chloride Concentration Vs. Distance Plots
2004 Groundwater Monitoring Plan Annual Report
June, 2005









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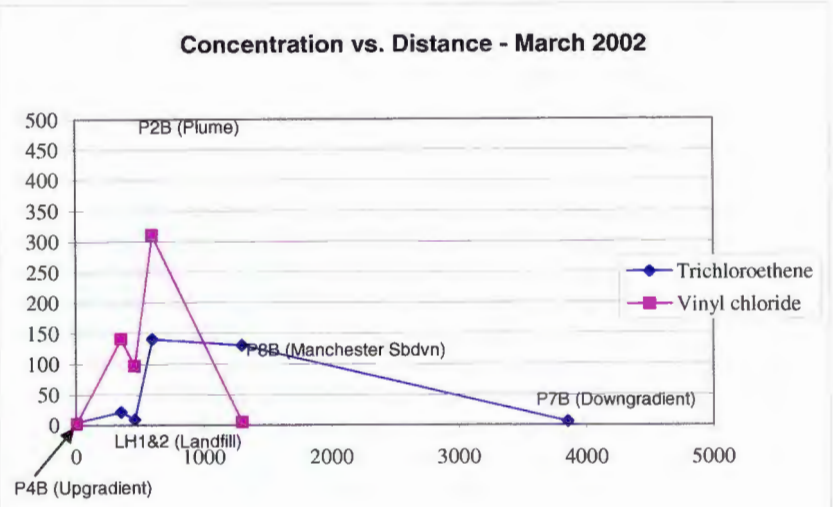
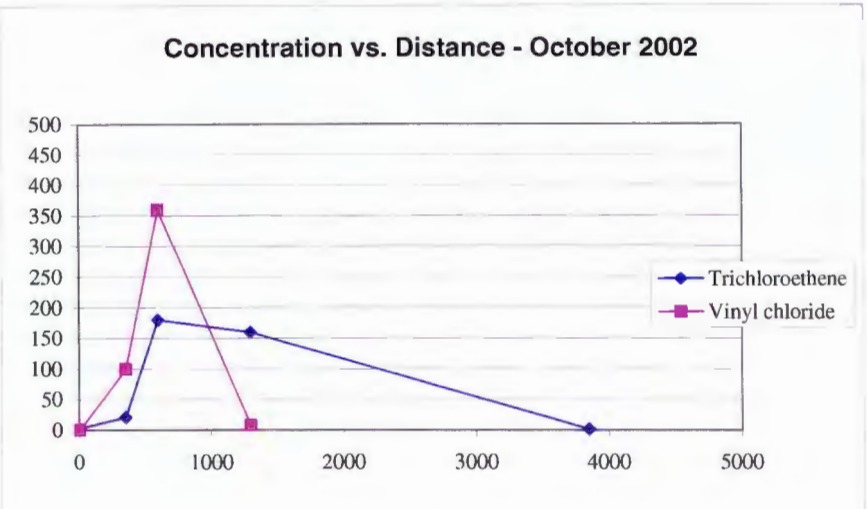
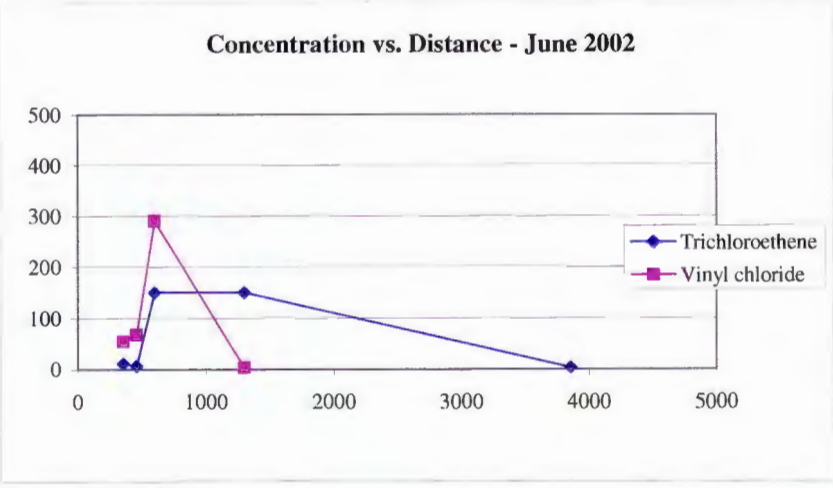
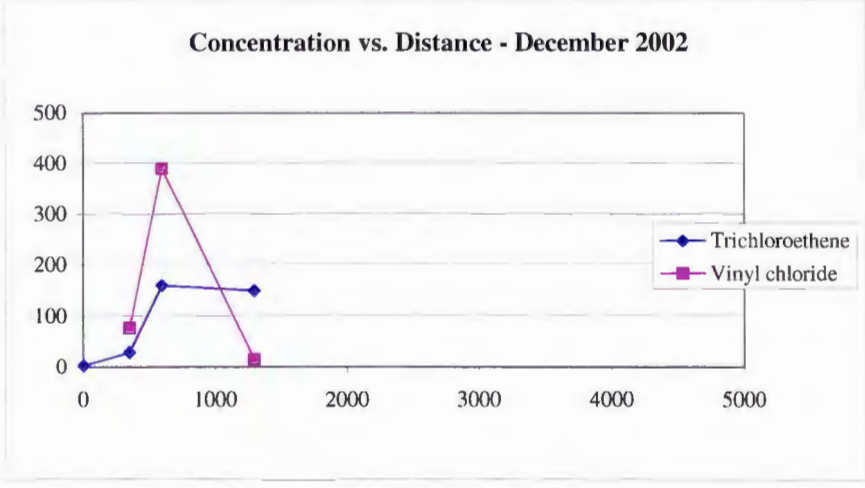
June, 2005









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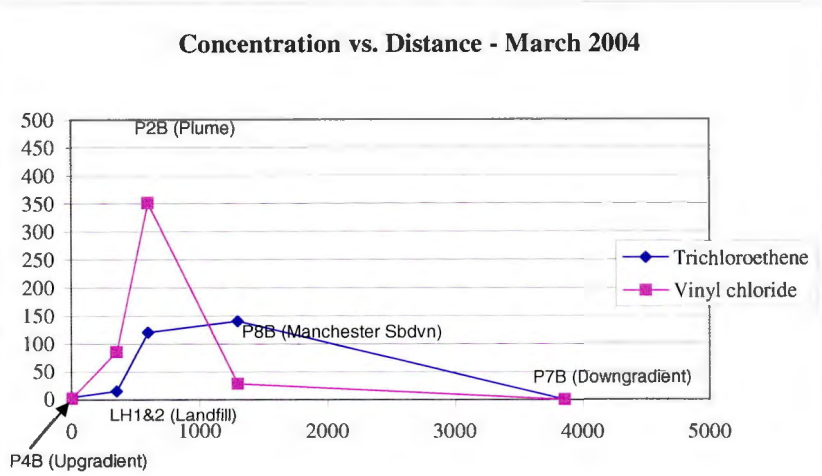

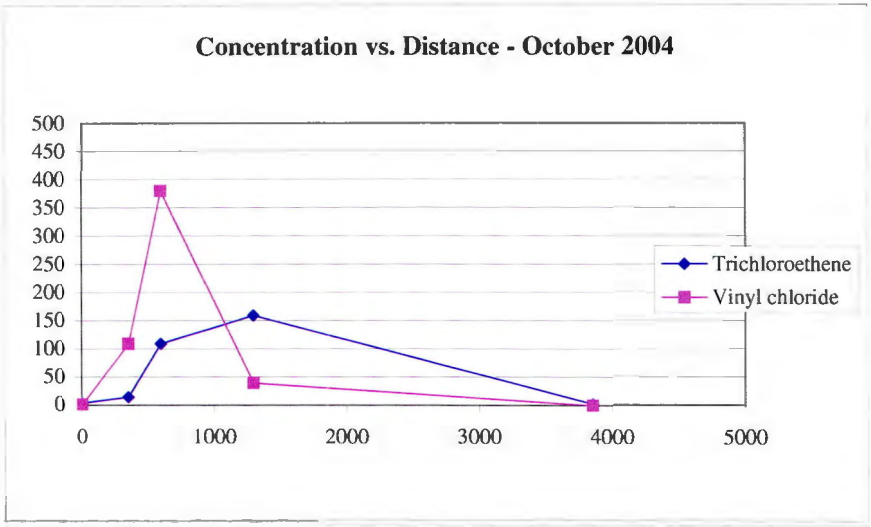

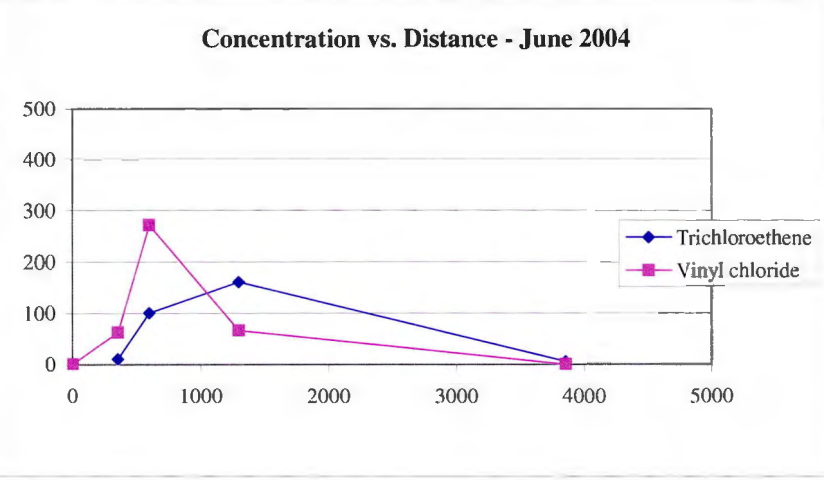

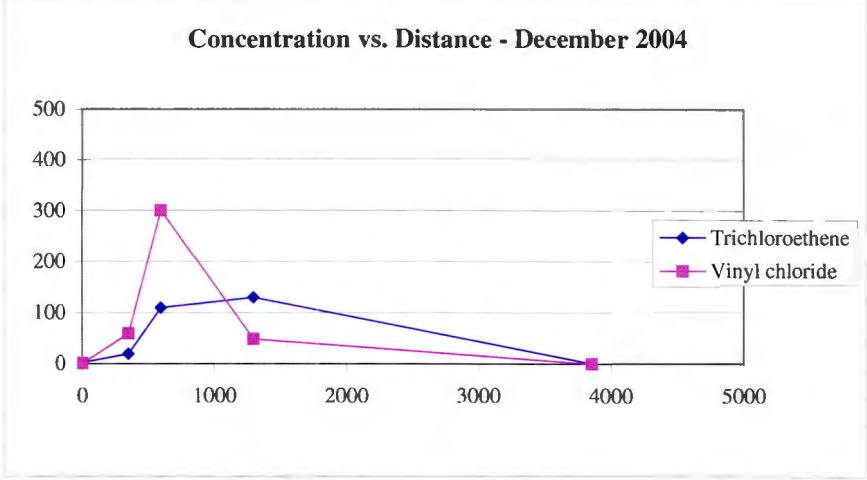

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Figure 7
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TCE and Vinyl Chloride Concentration Vs. Distance Plots
2004 Groundwater Monitoring Plan Annual Report
June, 2005

3.3 LIME KILN LANDFILL PLUME TRENDS

Concentration versus distance graphs were constructed according to WDNR natural attenuation guidance (March, 1997). Trend charts include data from the beginning of the investigation, dating back to January 2000. TCE and vinyl chloride concentrations were plotted for each quarter on Figure 7 (four pages) at wells selected for natural attenuation analysis. These compounds were selected because they are the most commonly detected compounds within the plume, and because they represent typical plume characteristics.

Upon analysis of the sixteen graphs shown on Figure 7, the general concentration distribution of vinyl chloride and TCE appears stable, which is expected for a plume that has been present for over 30 years. The shape and magnitude of each line graph is similar throughout the sixteen events, with slight variations.

In comparison to other wells in the monitoring program, most compounds associated with the landfill are detected at the highest concentrations at P2B, slightly downgradient of the landfill. It is expected that the plume has moved beyond the landfill, because no new waste has been disposed at the landfill in the last 30 years, and the attenuation of contaminants is occurring at the landfill as evidenced by the presence of breakdown products within landfill wells.

TCE concentrations are highest at monitoring well P-8B, down gradient of the P-2 nest. The increasing trends are due to migration from both the Lime Kiln Plume, and the West Plume. At this time, it is not possible to determine if concentrations from the West Plume are responsible for increases at the well, because the plume is not being monitored. Increases at P-8B are assumed to be, at least in part, due to the West Plume's location.

Dissolved oxygen (DO) and oxidation-reduction potential (ORP) measurements are compiled in Table 4 for the monitoring events from 2000 through 2004. Values are organized by date and by distance from the landfill in order to evaluate conditions near the landfill. Each of these parameters are useful indicators of biodegradation. Naturally occurring microorganisms prefer to use DO, when available, as an electron acceptor in aerobic biodegradation (DO >1 ppm). Typically, the inverse relationship between high contaminant concentrations and low DO concentrations indicate that anaerobic biodegradation is occurring within the impacted groundwater plume. Groundwater ORP is a measure of the relative tendency of a solution to donate or accept electrons. ORP can strongly depend on biodegradation processes and can strongly influence such processes.

In general, DO and ORP are higher at up and downgradient wells, with the lowest levels at LH1. Both of these secondary indicators demonstrate the expected relationship for such a landfill setting, which is an indication that natural attenuation is occurring in groundwater at the site.

Total organic carbon (TOC) sampling was performed during 2002 to evaluate the potential for oxidization and co-metabolism attenuation processes to occur beyond the reduced landfill area. As oxygen levels increase, reductive dechlorination decreases. TOC is needed by both oxidization and co-metabolism as an electron donor, allowing the chlorinated organic compounds to become electron acceptors. A consistent level of TOC is available, as shown in Table 4, which indicates that conditions are suitable for these processes to occur.

TABLE 4

DISSOLVED OXYGEN, OXIDATION - REDUCTION POTENTIAL AND TOTAL ORGANIC CARBON MEASUREMENTS LIME KILN LANDFILL VILLAGE OF GRAFTON

Dissolved Oxygen (ppm)

Well[1]	P4B	LH1	LH2	P2A	P2B	P8B	P7B
Date							
March 23, 2000	2.2	1.82	NA	6.29	4.21	4.7	7.42
June 19, 2000	3.09	0.91	1.48	0.99	1.47	0.7	2.46
September 12, 2000	2.12	0.77	1.19	1	2.03	0.54	1.67
December 13, 2000	2.29	0.9	1.05	1.03	2.03	0.76	2.08
April 3, 2001	2.18	0.79	1.13	1.3	1.88	.87	2.15
June 13, 2001	2.12	0.88	0.99	1.69	1.85	.89	2.03
October 2, 2001	2.19	0.81	0.96	1.83	2.20	1.19	2.11
December 12, 2001	1.83	0.86	0.95	1.61	1.66	1.11	2.09
March 19, 2002	2.40	0.92	0.93	1.85	1.88	1.75	2.46
June 12, 2002	2.30	0.91	0.92	1.89	1.92	2.10	2.56
September 11, 2002	2.07	0.90	NS	1.76	2.01	1.84	2.50
December 17, 2002	2.30	0.96	NS	1.86	1.93	1.99	2.22
March, 2003	1.97	0.90	NS	1.96	1.96	2.03	2.10
June, 2003	1.87	1.05	NS	1.88	1.89	2.08	1.87
September, 2003	2.68	0.93	NS	2.01	1.68	2.28	2.06
December, 2003	4.66	1.13	NS	4.29	1.17	1.96	5.82
March, 2004	4.69	1.19	NS	3.98	2.02	1.89	1.98
June, 2004	4.08	1.21	NS	3.93	2.26	1.15	4.61
September, 2004	3.54	1.36	NS	3.56	1.71	1.21	4.10
December, 2004	4.69	1.19	NS	3.98	2.02	1.89	1.98

Oxidation - Reduction Potential (mV)

Well[1]	P4B	LH1	LH2	P2A	P2B	P8B	P7B
Date							
March 23, 2000	169	-143	NA	534	76	150	161
June 19, 2000	223	-148	-84	211	213	172	197
September 12, 2000	80	-136	-77	-37	60	77	137
December 13, 2000	154	-95	-72	-29	52	80	163
April 3, 2001	155	-149	-20	-33	57	73	76
June 13, 2001	168	-194	-29	-130	-128	89	81
October 2, 2001	183	-196	-40	13	-135	98	78
December 12, 2001	80	-118	-37	-42	90	67	77
March 19, 2002	131	-129	-37	10	90	142	179
June 12, 2002	99	-167	-60	26	93	100	119
September 11, 2002	87	-189	NS	30	43	136	150
December 17, 2002	38	-171	NS	-23	-19	68	97
March 19, 2003	102	-177	NS	-36	71	139	129
June 11, 2003	93	-52	NS	53	53	101	92
September 10, 2003	85	-168	NS	-36	36	84	98

Well[1]	P4B	LH1	LH2	P2A	P2B	P8B	P7B
Date							
December 17, 2003	67	-91	NS	-55	21	58	102
March, 2004	106	-86	NS	19	81	56	141
June, 2004	89	-55	NS	33	78	87	110
September, 2004	94	-46	NS	43	78	86	107
December, 2004	106	-86	NS	19	81	56	141

Total Organic Carbon

Well[1]	P4B	LH1	LH2	P2A	P2B	P8B	P7B
Date							
March 19, 2002	ND	4.1	3.0	4.0	1.9	1.5	2.0
June 12, 2002	3.1	2.9	3.2	6.0	3.6	3.0	2.8

NOTES:
NA = Measurement was not collected.
[1] = Wells are arranged from upgradient (P4B) to farthest downgradient (P7B).

4.0 NATURAL ATTENUATION SUMMARY

The information presented provides significant that natural attenuation is remediating the constituents in the Lime Kiln Landfill groundwater plume. The data supports two lines of evidence that natural attenuation is occurring. Primary: Concentrations of chlorinated solvents decrease with distance from the site, and the concentrations are stable or decreasing at most of the monitoring wells. Secondary: The daughter products of chlorinated ethenes and ethanes solvents are present, including cis-1,2-DCE, vinyl chloride, chloroethane, DCE, 1,1-DCA, chloride, ethene, and ethane. The predominance cis-1,2-DCE is a strong indicator of biological degradation of TCE, the main parent VOC detected at the landfill. Increasing concentration trends of daughter products downgradient of the landfill are expected. Additionally, DO and ORP tend to decrease in concentration within and near the landfill, indicating that conditions are condusive to reductive dechlorination of chlorinated solvents. TOC is available downgradient of the site to allow attenuation to occur beyond the reductive zone near the landfill.

5.0 CONCLUSIONS

The following conclusions resulted from groundwater monitoring and analysis at the Lime Kiln Landfill.

- Five years of groundwater monitoring has demonstrated that remediation is occurring through natural attenuation of parent VOCs. The presence of daughter products and the levels of natural attenuation indicator parameters in groundwater are evidence that attenuation is occurring.

- With slight fluctuations, the groundwater plume from the landfill is generally stable or decreasing in mass, based on measured concentrations, the length of time since the disposal of waste, the volume of the landfill, and natural attenuation processes that are occurring.

- Groundwater downgradient of Lime Kiln Park continues to be affected by sources other than the Lime Kiln Landfill.

- Groundwater quality has improved at the landfill, and it is improving at all but one monitoring well location (P-8B) within the center of the plume. Since the well is in the center of the plume, it is expected to be the last well to show signs of natural attenuation, and it will continue to have the highest VOC concentrations.

- Increases of TCE and vinyl chloride concentrations have been detected downgradient of the landfill in monitoring well P8B, in the center of the plume. However, TCE concentrations have stabilized in 2003 and 2004, and have come down since 2003. Vinyl chloride concentrations are expected to rise as TCE breaks down, and conditions exist that will allow the vinyl chloride to continue to break down.

- Case closure is not warranted at this time with increasing VOC concentration trends at P-8B. Instead, long-term monitoring of VOC concentrations and indicator parameters will:

  - protect downgradient well users and the environment;
  - provide an opportunity to evaluate concentration trends;
  - evaluate detects (if they occur) at sentinel wells established in the current program;
  - allow continued natural attenuation assessment;
  - provide a technically and economically feasible remedy for the Lime Kiln Park Landfill.

- Further monitoring of natural attenuation parameters will not significantly add to the investigation, and it is not recommended. Volatile organic sampling and indicator parameter (including DO and ORP) measurement is sufficient to monitor changes in plume migration and concentration, and assess whether natural attenuation continues to occur at the site.

6.0 RECOMMENDATIONS

The following recommendations are made for the future monitoring and remedial action evaluation of the Lime Kiln Park Landfill.

- The monitoring plan, attached as Appendix E, should be implemented for at least four more sample events, and will be used for long term monitoring of the site. While natural attenuation is occurring, there are several increasing concentration trends at well P-8B that should be further monitored and evaluated.

- Case closure will be evaluated once concentrations at P-8B become downward or stable, and concentrations are low enough that they will meet NR 140 enforcement standards within a reasonable amount of time.

- The following modifications are recommended to the monitoring plan which is included in Appendix E:

  - The monitoring plan will be reduced to VOCs and field indicator parameters, including DO and ORP.
  - Natural attenuation parameters, such as chloride, nitrate, and landfill gas should be taken out of the monitoring plan.
  - Upgradient well P-4B and landfill well LF-1 should be sampled on an annual basis for VOCs, rather than quarterly.
  - Side-gradient wells P3B and P9B should be sampled on a semi-annual basis for VOCs to assess the affect of contamination coming from the West Plume.
  - All other wells currently included in the monitoring plan will be sampled on the same frequency that they are currently sampled.

- A report, similar to this report, will be submitted annually to the WDNR to meet the criteria of NR 724.17. The report will include;

  - Groundwater monitoring goals
  - The site specific monitoring program and adjustments made throughout the sampling period
  - Trend analysis and a natural attenuation evaluation
  - Decision criteria for future adjustments to the long-term monitoring program.

APPENDIX A

AFFECTED GROUNDWATER AREAS MAP

VILLAGE WELL #2

VILLAGE WELL #6

OAK STREET

P-4B

P-2A
P-2B

P-3B

P6B

P-5B

P-1B
P-1C
P-1D

PW2030MW

PW760GB

PW740GB

PW724GB

PW698GB

PW688GB

PW678GB

PW668GB

PW664GB

PW662GB

PW1784MD

PW1788MD

PW1792MD

PW1785MD

PW1767MD

PW1741MD

PW1752MD

PW1733MD

PW1725MD

PW1715MD

PW1711MD

PW1717HC

P7B

PW1716LF

740 735 730 725 720 715 710 705 700 695 690 685

EXPLANATION

- WEST PLUME LIMITS
- LIME KILN PLUME LIMITS
- PLUME INTERSECTION
- LIME KILN PARK PROPERTY BOUNDARY
- LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- 690 — GROUNDWATER CONTOURS (5 FOOT INTERVAL)
- PW1785MD — PRIVATE WELLS WITH WEST PLUME SPECIFIC COMPONENTS
- PW1725MD — PRIVATE WELLS WITH LIME KILN LANDFILL SPECIFIC COMPONENTS
- PW717HC — PRIVATE WELLS WITH NO VOC DETECTS
- LH-2 — LEACHATE WELLS

NOTES:

1. TOPOGRAPHIC BASE MAP AND PRIVATE WELL LOCATIONS COMPILED FROM WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
2. HORIZONTAL DATUM SYSTEM BASED ON THE STATE PLANE COORDINATE SYSTEM.
3. ELEVATIONS ARE USGS MEAN SEA LEVEL, DATUM BASED ON GROUNDWATER LEVELS MEASURED ON JUNE 3, 1998.

N

SCALE 0' 125' 250' 500'

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EARTH TECH

APPENDIX A
AFFECTED GROUNDWATER AREAS

2004 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN

APRIL 2005

30250

APPENDIX B

CALCULATION SHEET

EARTH TECH

CALCULATION SHEET

PAGE 1 OF 1
PROJECT NO. 30250

CLIENT Village of Grafton SUBJECT Vertical Gradient Prepared By BJL Date 6/30/05
PROJECT Lime Kiln Park Reviewed By CLW Date 6/30/05
Approved By ___ Date

Objective: Calculate the Vertical Gradient for the Lime Kiln Park area in the Village of Grafton

Criteria and Assumptions:

- Gradient is calculated by: change in water elevation / change in elevation of well bottom

Vertical Gradient							
Well Number	Date	Water Elevation	Ground Elevation	Well Depth	Elevation of Well Bottom	Gradient	Direction
P2A	March-04	696.90	711.50	22.77	690.65	-0.0534	Downward
P2B	March-04	694.12	711.50	75.44	638.56		
P8A	March-04	689.11	745.62	115.16	629.97	-0.0195	Downward
P8B	March-04	687.39	740.35	198.45	541.84		
P2A	June-04	697.64	711.50	22.77	690.43	-0.0301	Downward
P2B	June-04	696.07	711.50	75.44	638.35		
P8A	June-04	691.72	745.62	115.16	630.09	-0.016	Downward
P8B	June-04	690.31	740.35	198.45	541.84		
P2A	September-04	696.34	711.50	22.78	690.43	-0.0123	Downward
P2B	September-04	695.70	711.50	75.43	638.35		
P8A	September-04	688.43	745.62	115.16	630.10	-0.0221	Downward
P8B	September-04	686.48	740.35	198.45	541.84		
P2A	December-04	696.79	711.50	22.78	690.43	-0.0426	Downward
P2B	December-04	694.57	711.50	75.43	638.35		
P8A	December-04	691.99	745.62	115.16	630.10	-0.0397	Downward
P8B	December-04	688.49	740.35	198.45	541.84		

APPENDIX C

GROUNDWATER MONITORING DATA

Village of Grafton - Lime Kiln Landfill

Regulatory Exceedences

January 2000 to December 2004

Well	Date	Compound	Result	ES	PAL	Exceedence
LH1						
	1/26/2000	1,1-Dichloroethene	1.3	7	0.7	PAL
	3/24/2000	1,1-Dichloroethene	1.6	7	0.7	PAL
	6/21/2000	1,1-Dichloroethene	1	7	0.7	PAL
	9/13/2000	1,1-Dichloroethene	1.5	7	0.7	PAL
	12/13/2000	1,1-Dichloroethene	1.3	7	0.7	PAL
	4/4/2001	1,1-Dichloroethene	1.1	7	0.7	PAL
	6/14/2001	1,1-Dichloroethene	1.4	7	0.7	PAL
	10/2/2001	1,1-Dichloroethene	1.2	7	0.7	PAL
	12/11/2001	1,1-Dichloroethene	1.4	7	0.7	PAL
	3/20/2002	1,1-Dichloroethene	1.2	7	0.7	PAL
	9/12/2002	1,1-Dichloroethene	0.8	7	0.7	PAL
	12/17/2002	1,1-Dichloroethene	0.89	7	0.7	PAL
	3/19/2003	1,1-Dichloroethene	0.95	7	0.7	PAL
	3/23/2004	1,1-Dichloroethene	0.93	7	0.7	PAL
	12/14/2004	1,1-Dichloroethene	0.84	7	0.7	PAL
	9/12/2002	Benzene	0.51	5	0.5	PAL
	3/24/2000	Chloride	140	250	125	PAL
	6/21/2000	Chloride	130	250	125	PAL
	12/13/2000	Chloride	130	250	125	PAL
	12/11/2001	Chloride	130	250	125	PAL
	3/19/2003	Chloride	130	250	125	PAL
	9/10/2003	Chloride	140	250	125	PAL
	1/26/2000	cis-1,2-Dichloroethene	120	70	7	ES
	3/24/2000	cis-1,2-Dichloroethene	110	70	7	ES
	6/21/2000	cis-1,2-Dichloroethene	120	70	7	ES
	9/13/2000	cis-1,2-Dichloroethene	140	70	7	ES
	12/13/2000	cis-1,2-Dichloroethene	120	70	7	ES
	4/4/2001	cis-1,2-Dichloroethene	100	70	7	ES
	6/14/2001	cis-1,2-Dichloroethene	120	70	7	ES
	10/2/2001	cis-1,2-Dichloroethene	110	70	7	ES
	12/11/2001	cis-1,2-Dichloroethene	110	70	7	ES
	3/20/2002	cis-1,2-Dichloroethene	99	70	7	ES
	6/13/2002	cis-1,2-Dichloroethene	44	70	7	PAL
	9/12/2002	cis-1,2-Dichloroethene	97	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	77	70	7	ES
	3/19/2003	cis-1,2-Dichloroethene	70	70	7	PAL
	6/12/2003	cis-1,2-Dichloroethene	84	70	7	ES
	9/10/2003	cis-1,2-Dichloroethene	85	70	7	ES
	12/17/2003	cis-1,2-Dichloroethene	66	70	7	PAL
	3/23/2004	cis-1,2-Dichloroethene	81	70	7	ES
	6/23/2004	cis-1,2-Dichloroethene	63	70	7	PAL
	9/23/2004	cis-1,2-Dichloroethene	91	70	7	ES
	12/14/2004	cis-1,2-Dichloroethene	83	70	7	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	6/13/2002	Iron	390	0.3	0.15	ES
	1/26/2000	Mercury - Dissolved	0.28	2	0.2	PAL
	3/24/2000	Mercury - Dissolved	0.55	2	0.2	PAL
	12/13/2000	Mercury - Dissolved	0.54	2	0.2	PAL
	6/21/2000	Methylene chloride	1	5	0.5	PAL
	12/13/2000	Methylene chloride	0.71	5	0.5	PAL
	12/11/2001	Methylene chloride	1	5	0.5	PAL
	6/12/2003	Methylene Chloride	0.62	5	0.5	PAL
	3/19/2003	Nitrogen, Nitrate	2.5	10	2	PAL
	9/10/2003	Nitrogen, Nitrate	2.1	10	2	PAL
	12/17/2003	Nitrogen, Nitrate	2.8	10	2	PAL
	12/14/2004	Nitrogen, Nitrate	2.1	10	2	PAL
	1/26/2000	Tetrachloroethene	4.4	5	0.5	PAL
	3/24/2000	Tetrachloroethene	6.5	5	0.5	ES
	6/21/2000	Tetrachloroethene	3	5	0.5	PAL
	9/13/2000	Tetrachloroethene	3.7	5	0.5	PAL
	12/13/2000	Tetrachloroethene	4.2	5	0.5	PAL
	4/4/2001	Tetrachloroethene	2.2	5	0.5	PAL
	6/14/2001	Tetrachloroethene	2.6	5	0.5	PAL
	10/2/2001	Tetrachloroethene	4.4	5	0.5	PAL
	12/11/2001	Tetrachloroethene	5.7	5	0.5	ES
	3/20/2002	Tetrachloroethene	3.9	5	0.5	PAL
	9/12/2002	Tetrachloroethene	3.8	5	0.5	PAL
	12/17/2002	Tetrachloroethene	6.5	5	0.5	ES
	3/19/2003	Tetrachloroethene	6	5	0.5	ES
	6/12/2003	Tetrachloroethene	3.3	5	0.5	PAL
	9/10/2003	Tetrachloroethene	4.2	5	0.5	PAL
	12/17/2003	Tetrachloroethene	5.6	5	0.5	ES
	3/23/2004	Tetrachloroethene	2.2	5	0.5	PAL
	6/23/2004	Tetrachloroethene	0.89	5	0.5	PAL
	9/23/2004	Tetrachloroethene	2.3	5	0.5	PAL
	12/14/2004	Tetrachloroethene	5.1	5	0.5	ES
	1/26/2000	Trichloroethene	29	5	0.5	ES
	3/24/2000	Trichloroethene	29	5	0.5	ES
	6/21/2000	Trichloroethene	27	5	0.5	ES
	9/13/2000	Trichloroethene	27	5	0.5	ES
	12/13/2000	Trichloroethene	25	5	0.5	ES
	4/4/2001	Trichloroethene	19	5	0.5	ES
	6/14/2001	Trichloroethene	21	5	0.5	ES
	10/2/2001	Trichloroethene	22	5	0.5	ES
	12/11/2001	Trichloroethene	27	5	0.5	ES
	3/20/2002	Trichloroethene	21	5	0.5	ES
	6/13/2002	Trichloroethene	11	5	0.5	ES
	9/12/2002	Trichloroethene	21	5	0.5	ES
	12/17/2002	Trichloroethene	29	5	0.5	ES
	3/19/2003	Trichloroethene	24	5	0.5	ES
	6/12/2003	Trichloroethene	17	5	0.5	ES
	9/10/2003	Trichloroethene	18	5	0.5	ES
	12/17/2003	Trichloroethene	20	5	0.5	ES
	3/23/2004	Trichloroethene	15	5	0.5	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	6/23/2004	Trichloroethene	10	5	0.5	ES
	9/23/2004	Trichloroethene	15	5	0.5	ES
	12/14/2004	Trichloroethene	20	5	0.5	ES
	1/26/2000	Vinyl chloride	130	0.2	0.02	ES
	3/24/2000	Vinyl chloride	120	0.2	0.02	ES
	6/21/2000	Vinyl chloride	130	0.2	0.02	ES
	9/13/2000	Vinyl chloride	150	0.2	0.02	ES
	12/13/2000	Vinyl chloride	130	0.2	0.02	ES
	4/4/2001	Vinyl chloride	110	0.2	0.02	ES
	6/14/2001	Vinyl chloride	150	0.2	0.02	ES
	10/2/2001	Vinyl chloride	120	0.2	0.02	ES
	12/11/2001	Vinyl chloride	110	0.2	0.02	ES
	3/20/2002	Vinyl chloride	140	0.2	0.02	ES
	6/13/2002	Vinyl chloride	54	0.2	0.02	ES
	9/12/2002	Vinyl chloride	100	0.2	0.02	ES
	12/17/2002	Vinyl chloride	47	0.2	0.02	ES
	3/19/2003	Vinyl Chloride	37	0.2	0.02	ES
	6/12/2003	Vinyl Chloride	75	0.2	0.02	ES
	9/10/2003	Vinyl Chloride	75	0.2	0.02	ES
	12/17/2003	Vinyl Chloride	49	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	85	0.2	0.02	ES
	6/23/2004	Vinyl Chloride	62	0.2	0.02	ES
	9/23/2004	Vinyl Chloride	110	0.2	0.02	ES
	12/14/2004	Vinyl Chloride	60	0.2	0.02	ES
LH2						
	12/13/2000	1,1-Dichloroethene	0.88	7	0.7	PAL
	1/26/2000	Chloride	150	250	125	PAL
	3/24/2000	Chloride	530	250	125	ES
	6/21/2000	Chloride	500	250	125	ES
	1/26/2000	cis-1,2-Dichloroethene	40	70	7	PAL
	3/24/2000	cis-1,2-Dichloroethene	31	70	7	PAL
	6/21/2000	cis-1,2-Dichloroethene	46	70	7	PAL
	9/13/2000	cis-1,2-Dichloroethene	97	70	7	ES
	12/13/2000	cis-1,2-Dichloroethene	94	70	7	ES
	4/4/2001	cis-1,2-Dichloroethene	58	70	7	PAL
	6/14/2001	cis-1,2-Dichloroethene	54	70	7	PAL
	10/2/2001	cis-1,2-Dichloroethene	62	70	7	PAL
	12/11/2001	cis-1,2-Dichloroethene	73	70	7	ES
	3/20/2002	cis-1,2-Dichloroethene	64	70	7	PAL
	6/13/2002	cis-1,2-Dichloroethene	38	70	7	PAL
	6/13/2002	Iron	890	0.3	0.15	ES
	12/13/2000	Lead - Dissolved	5	15	1.5	PAL
	12/13/2000	Mercury - Dissolved	0.35	2	0.2	PAL
	9/13/2000	Methylene chloride	0.62	5	0.5	PAL
	12/13/2000	Methylene chloride	0.62	5	0.5	PAL
	12/11/2001	Methylene chloride	1.2	5	0.5	PAL
	3/24/2000	Tetrachloroethene	0.75	5	0.5	PAL
	12/13/2000	Tetrachloroethene	1.6	5	0.5	PAL
	12/11/2001	Tetrachloroethene	0.76	5	0.5	PAL
	3/20/2002	Tetrachloroethene	0.63	5	0.5	PAL

Well	Date	Compound	Result	ES	PAL	Exceedence
	1/26/2000	Trichloroethene	20	5	0.5	ES
	3/24/2000	Trichloroethene	20	5	0.5	ES
	6/21/2000	Trichloroethene	6	5	0.5	ES
	9/13/2000	Trichloroethene	7.6	5	0.5	ES
	12/13/2000	Trichloroethene	13	5	0.5	ES
	4/4/2001	Trichloroethene	7.2	5	0.5	ES
	6/14/2001	Trichloroethene	5.3	5	0.5	ES
	10/2/2001	Trichloroethene	6.7	5	0.5	ES
	12/11/2001	Trichloroethene	8.5	5	0.5	ES
	3/20/2002	Trichloroethene	8.3	5	0.5	ES
	6/13/2002	Trichloroethene	6.3	5	0.5	ES
	1/26/2000	Vinyl chloride	4.9	0.2	0.02	ES
	3/24/2000	Vinyl chloride	6.4	0.2	0.02	ES
	6/21/2000	Vinyl chloride	45	0.2	0.02	ES
	9/13/2000	Vinyl chloride	200	0.2	0.02	ES
	12/13/2000	Vinyl chloride	150	0.2	0.02	ES
	4/4/2001	Vinyl chloride	84	0.2	0.02	ES
	6/14/2001	Vinyl chloride	110	0.2	0.02	ES
	10/2/2001	Vinyl chloride	98	0.2	0.02	ES
	12/11/2001	Vinyl chloride	110	0.2	0.02	ES
	3/20/2002	Vinyl chloride	96	0.2	0.02	ES
	6/13/2002	Vinyl chloride	67	0.2	0.02	ES
P2A						
	4/3/2001	1,1-Dichloroethane	89	850	85	PAL
	1/25/2000	Chloride	240	250	125	PAL
	3/24/2000	Chloride	240	250	125	PAL
	6/19/2000	Chloride	220	250	125	PAL
	12/13/2000	Chloride	270	250	125	ES
	4/3/2001	Chloride	300	250	125	ES
	6/13/2001	Chloride	420	250	125	ES
	10/1/2001	Chloride	300	250	125	ES
	12/11/2001	Chloride	310	250	125	ES
	3/19/2002	Chloride	240	250	125	PAL
	6/12/2002	Chloride	270	250	125	ES
	9/11/2002	Chloride	310	250	125	ES
	12/17/2002	Chloride	330	250	125	ES
	3/19/2003	Chloride	380	250	125	ES
	6/11/2003	Chloride	370	250	125	ES
	9/9/2003	Chloride	350	250	125	ES
	12/15/2003	Chloride	370	250	125	ES
	3/23/2004	Chloride	320	250	125	ES
	6/23/2004	Chloride	240	250	125	PAL
	9/22/2004	Chloride	290	250	125	ES
	12/9/2004	Chloride	320	250	125	ES
	3/24/2000	cis-1,2-Dichloroethene	26	70	7	PAL
	6/19/2000	cis-1,2-Dichloroethene	13	70	7	PAL
	4/3/2001	cis-1,2-Dichloroethene	16	70	7	PAL
	6/13/2001	cis-1,2-Dichloroethene	8.1	70	7	PAL
	12/11/2001	cis-1,2-Dichloroethene	36	70	7	PAL
	6/23/2004	cis-1,2-Dichloroethene	7.4	70	7	PAL

Well	Date	Compound	Result	ES	PAL	Exceedence
	6/12/2002	Iron	930	0.3	0.15	ES
	6/13/2001	Methylene chloride	0.72	5	0.5	PAL
	6/11/2003	Methylene Chloride	0.77	5	0.5	PAL
	6/13/2001	Tetrachloroethene	1.1	5	0.5	PAL
	1/25/2000	Trichloroethene	3.8	5	0.5	PAL
	3/24/2000	Trichloroethene	32	5	0.5	ES
	6/19/2000	Trichloroethene	13	5	0.5	ES
	9/12/2000	Trichloroethene	9.9	5	0.5	ES
	12/13/2000	Trichloroethene	6.2	5	0.5	ES
	4/3/2001	Trichloroethene	7.7	5	0.5	ES
	6/13/2001	Trichloroethene	10	5	0.5	ES
	10/1/2001	Trichloroethene	4.6	5	0.5	PAL
	12/11/2001	Trichloroethene	27	5	0.5	ES
	3/19/2002	Trichloroethene	8.5	5	0.5	ES
	6/12/2002	Trichloroethene	4.2	5	0.5	PAL
	9/11/2002	Trichloroethene	8.2	5	0.5	ES
	12/17/2002	Trichloroethene	2.1	5	0.5	PAL
	3/19/2003	Trichloroethene	4	5	0.5	PAL
	6/11/2003	Trichloroethene	1.7	5	0.5	PAL
	9/9/2003	Trichloroethene	8.4	5	0.5	ES
	12/15/2003	Trichloroethene	4.1	5	0.5	PAL
	3/23/2004	Trichloroethene	2.8	5	0.5	PAL
	6/23/2004	Trichloroethene	2.8	5	0.5	PAL
	9/22/2004	Trichloroethene	10	5	0.5	ES
	12/9/2004	Trichloroethene	1.2	5	0.5	PAL
	1/25/2000	Vinyl chloride	1.2	0.2	0.02	ES
	6/19/2000	Vinyl chloride	1	0.2	0.02	ES
	9/12/2000	Vinyl chloride	2.5	0.2	0.02	ES
	12/13/2000	Vinyl chloride	2	0.2	0.02	ES
	4/3/2001	Vinyl chloride	1.6	0.2	0.02	ES
	6/13/2001	Vinyl chloride	1.9	0.2	0.02	ES
	10/1/2001	Vinyl chloride	2.2	0.2	0.02	ES
	12/11/2001	Vinyl chloride	15	0.2	0.02	ES
	3/19/2002	Vinyl chloride	0.84	0.2	0.02	ES
	6/12/2002	Vinyl chloride	0.93	0.2	0.02	ES
	9/11/2002	Vinyl chloride	1.9	0.2	0.02	ES
	12/17/2002	Vinyl chloride	1.2	0.2	0.02	ES
	3/19/2003	Vinyl Chloride	1.4	0.2	0.02	ES
	9/9/2003	Vinyl Chloride	1.7	0.2	0.02	ES
	12/15/2003	Vinyl Chloride	1.5	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	0.73	0.2	0.02	ES
	6/23/2004	Vinyl Chloride	2.1	0.2	0.02	ES
	9/22/2004	Vinyl Chloride	4.5	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	3.3	0.2	0.02	ES
P2B						
	3/24/2000	1,1-Dichloroethene	2.9	7	0.7	PAL
	6/19/2000	1,1-Dichloroethene	3	7	0.7	PAL
	12/13/2000	1,1-Dichloroethene	2.2	7	0.7	PAL
	9/9/2003	1,1-Dichloroethene	4.2	7	0.7	PAL
	9/22/2004	1,1-Dichloroethene	3.1	7	0.7	PAL

Well	Date	Compound	Result	ES	PAL	Exceedence
	3/24/2000	Cadmium - Dissolved	1.1	5	0.5	PAL
	9/11/2002	Chloride	140	250	125	PAL
	12/17/2002	Chloride	140	250	125	PAL
	3/19/2003	Chloride	170	250	125	PAL
	6/11/2003	Chloride	150	250	125	PAL
	9/9/2003	Chloride	170	250	125	PAL
	12/15/2003	Chloride	140	250	125	PAL
	3/23/2004	Chloride	150	250	125	PAL
	9/22/2004	Chloride	140	250	125	PAL
	1/25/2000	cis-1,2-Dichloroethene	530	70	7	ES
	3/24/2000	cis-1,2-Dichloroethene	470	70	7	ES
	6/19/2000	cis-1,2-Dichloroethene	600	70	7	ES
	9/12/2000	cis-1,2-Dichloroethene	490	70	7	ES
	12/13/2000	cis-1,2-Dichloroethene	570	70	7	ES
	4/3/2001	cis-1,2-Dichloroethene	520	70	7	ES
	6/13/2001	cis-1,2-Dichloroethene	480	70	7	ES
	10/1/2001	cis-1,2-Dichloroethene	470	70	7	ES
	12/11/2001	cis-1,2-Dichloroethene	520	70	7	ES
	3/19/2002	cis-1,2-Dichloroethene	520	70	7	ES
	6/12/2002	cis-1,2-Dichloroethene	440	70	7	ES
	9/11/2002	cis-1,2-Dichloroethene	540	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	540	70	7	ES
	3/19/2003	cis-1,2-Dichloroethene	530	70	7	ES
	6/11/2003	cis-1,2-Dichloroethene	530	70	7	ES
	9/9/2003	cis-1,2-Dichloroethene	600	70	7	ES
	12/15/2003	cis-1,2-Dichloroethene	400	70	7	ES
	3/23/2004	cis-1,2-Dichloroethene	450	70	7	ES
	6/23/2004	cis-1,2-Dichloroethene	410	70	7	ES
	9/22/2004	cis-1,2-Dichloroethene	450	70	7	ES
	12/9/2004	cis-1,2-Dichloroethene	450	70	7	ES
	6/12/2002	Iron	190	0.3	0.15	ES
	9/12/2000	trans-1,2-Dichloroethene	21	100	20	PAL
	1/25/2000	Trichloroethene	210	5	0.5	ES
	3/24/2000	Trichloroethene	170	5	0.5	ES
	6/19/2000	Trichloroethene	210	5	0.5	ES
	9/12/2000	Trichloroethene	170	5	0.5	ES
	12/13/2000	Trichloroethene	200	5	0.5	ES
	4/3/2001	Trichloroethene	190	5	0.5	ES
	6/13/2001	Trichloroethene	170	5	0.5	ES
	10/1/2001	Trichloroethene	150	5	0.5	ES
	12/11/2001	Trichloroethene	170	5	0.5	ES
	3/19/2002	Trichloroethene	140	5	0.5	ES
	6/12/2002	Trichloroethene	150	5	0.5	ES
	9/11/2002	Trichloroethene	180	5	0.5	ES
	12/17/2002	Trichloroethene	160	5	0.5	ES
	3/19/2003	Trichloroethene	190	5	0.5	ES
	6/11/2003	Trichloroethene	150	5	0.5	ES
	9/9/2003	Trichloroethene	170	5	0.5	ES
	12/15/2003	Trichloroethene	120	5	0.5	ES
	3/23/2004	Trichloroethene	120	5	0.5	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	6/23/2004	Trichloroethene	100	5	0.5	ES
	9/22/2004	Trichloroethene	110	5	0.5	ES
	12/9/2004	Trichloroethene	110	5	0.5	ES
	1/25/2000	Vinyl chloride	370	0.2	0.02	ES
	3/24/2000	Vinyl chloride	340	0.2	0.02	ES
	6/19/2000	Vinyl chloride	450	0.2	0.02	ES
	9/12/2000	Vinyl chloride	340	0.2	0.02	ES
	12/13/2000	Vinyl chloride	390	0.2	0.02	ES
	4/3/2001	Vinyl chloride	330	0.2	0.02	ES
	6/13/2001	Vinyl chloride	330	0.2	0.02	ES
	10/1/2001	Vinyl chloride	300	0.2	0.02	ES
	12/11/2001	Vinyl chloride	400	0.2	0.02	ES
	3/19/2002	Vinyl chloride	310	0.2	0.02	ES
	6/12/2002	Vinyl chloride	290	0.2	0.02	ES
	9/11/2002	Vinyl chloride	360	0.2	0.02	ES
	12/17/2002	Vinyl chloride	390	0.2	0.02	ES
	3/19/2003	Vinyl Chloride	250	0.2	0.02	ES
	6/11/2003	Vinyl Chloride	360	0.2	0.02	ES
	9/9/2003	Vinyl Chloride	460	0.2	0.02	ES
	12/15/2003	Vinyl Chloride	290	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	350	0.2	0.02	ES
	6/23/2004	Vinyl Chloride	270	0.2	0.02	ES
	9/22/2004	Vinyl Chloride	380	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	300	0.2	0.02	ES
P2BD						
	12/11/2001	Chloride	300	250	125	ES
	9/12/2000	cis-1,2-Dichloroethene	500	70	7	ES
	10/1/2001	cis-1,2-Dichloroethene	440	70	7	ES
	12/11/2001	cis-1,2-Dichloroethene	51	70	7	PAL
	9/12/2000	Trichloroethene	170	5	0.5	ES
	10/1/2001	Trichloroethene	130	5	0.5	ES
	12/11/2001	Trichloroethene	31	5	0.5	ES
	9/12/2000	Vinyl chloride	360	0.2	0.02	ES
	10/1/2001	Vinyl chloride	290	0.2	0.02	ES
	12/11/2001	Vinyl chloride	23	0.2	0.02	ES
P3B						
	1/25/2000	Nitrogen, nitrate	4.6	10	2	PAL
	6/19/2000	Nitrogen, nitrate	4	10	2	PAL
	4/3/2001	Nitrogen, nitrate	4.3	10	2	PAL
	6/13/2001	Nitrogen, nitrate	4.7	10	2	PAL
	3/19/2002	Nitrogen, nitrate	4.1	10	2	PAL
	9/11/2002	Nitrogen, nitrate	4.3	10	2	PAL
	3/19/2003	Nitrogen, Nitrate	4.1	10	2	PAL
	9/9/2003	Nitrogen, Nitrate	4.8	10	2	PAL
	12/15/2003	Nitrogen, Nitrate	4.3	10	2	PAL
	3/23/2004	Nitrogen, Nitrate	4.5	10	2	PAL
	9/22/2004	Nitrogen, Nitrate	4.6	10	2	PAL
	1/25/2000	Tetrachloroethene	1.2	5	0.5	PAL
	3/23/2000	Tetrachloroethene	1.3	5	0.5	PAL
	6/19/2000	Tetrachloroethene	1	5	0.5	PAL

Well	Date	Compound	Result	ES	PAL	Exceedence
	9/12/2000	Tetrachloroethene	1.6	5	0.5	PAL
	12/13/2000	Tetrachloroethene	2.2	5	0.5	PAL
	4/3/2001	Tetrachloroethene	1.6	5	0.5	PAL
	6/13/2001	Tetrachloroethene	2.3	5	0.5	PAL
	10/1/2001	Tetrachloroethene	1.5	5	0.5	PAL
	3/19/2002	Tetrachloroethene	1.7	5	0.5	PAL
	9/11/2002	Tetrachloroethene	1.6	5	0.5	PAL
	3/19/2003	Tetrachloroethene	2	5	0.5	PAL
	9/9/2003	Tetrachloroethene	2.3	5	0.5	PAL
	12/15/2003	Tetrachloroethene	1.7	5	0.5	PAL
	3/23/2004	Tetrachloroethene	1.6	5	0.5	PAL
	9/22/2004	Tetrachloroethene	2.1	5	0.5	PAL
	1/25/2000	Trichloroethene	35	5	0.5	ES
	3/23/2000	Trichloroethene	32	5	0.5	ES
	6/19/2000	Trichloroethene	37	5	0.5	ES
	9/12/2000	Trichloroethene	36	5	0.5	ES
	12/13/2000	Trichloroethene	38	5	0.5	ES
	4/3/2001	Trichloroethene	42	5	0.5	ES
	6/13/2001	Trichloroethene	40	5	0.5	ES
	10/1/2001	Trichloroethene	36	5	0.5	ES
	3/19/2002	Trichloroethene	37	5	0.5	ES
	9/11/2002	Trichloroethene	48	5	0.5	ES
	3/19/2003	Trichloroethene	52	5	0.5	ES
	9/9/2003	Trichloroethene	53	5	0.5	ES
	12/15/2003	Trichloroethene	46	5	0.5	ES
	3/23/2004	Trichloroethene	45	5	0.5	ES
	9/22/2004	Trichloroethene	46	5	0.5	ES
P3BD						
	6/19/2000	Nitrogen, nitrate	4	10	2	PAL
	6/13/2001	Nitrogen, nitrate	4.7	10	2	PAL
	6/19/2000	Tetrachloroethene	1	5	0.5	PAL
	6/13/2001	Tetrachloroethene	2.5	5	0.5	PAL
	6/19/2000	Trichloroethene	34	5	0.5	ES
	6/13/2001	Trichloroethene	41	5	0.5	ES
P4B						
	6/12/2002	Iron	170	0.3	0.15	ES
	6/13/2001	Methylene chloride	0.51	5	0.5	PAL
	1/26/2000	Nitrogen, nitrate	4.4	10	2	PAL
	6/19/2000	Nitrogen, nitrate	4	10	2	PAL
	4/3/2001	Nitrogen, nitrate	4.8	10	2	PAL
	6/13/2001	Nitrogen, nitrate	4.7	10	2	PAL
	12/11/2001	Nitrogen, nitrate	5	10	2	PAL
	3/19/2002	Nitrogen, nitrate	3.9	10	2	PAL
	6/12/2002	Nitrogen, nitrate	4.3	10	2	PAL
	9/11/2002	Nitrogen, nitrate	4.2	10	2	PAL
	3/24/2003	Nitrogen, Nitrate	4.3	10	2	PAL
	9/9/2003	Nitrogen, Nitrate	4.3	10	2	PAL
	12/15/2003	Nitrogen, Nitrate	3.9	10	2	PAL
	3/23/2004	Nitrogen, Nitrate	3.9	10	2	PAL
	6/29/2004	Nitrogen, Nitrate	3.7	10	2	PAL

Well	Date	Compound	Result	ES	PAL	Exceedence
	9/22/2004	Nitrogen, Nitrate	4	10	2	PAL
	12/9/2004	Nitrogen, Nitrate	3.8	10	2	PAL
	1/26/2000	Trichloroethene	1.2	5	0.5	PAL
	3/23/2000	Trichloroethene	1.8	5	0.5	PAL
	6/19/2000	Trichloroethene	3	5	0.5	PAL
	9/12/2000	Trichloroethene	5.5	5	0.5	ES
	12/13/2000	Trichloroethene	1.6	5	0.5	PAL
	4/3/2001	Trichloroethene	5.7	5	0.5	ES
	6/13/2001	Trichloroethene	3.8	5	0.5	PAL
	10/2/2001	Trichloroethene	1.1	5	0.5	PAL
	12/11/2001	Trichloroethene	4.3	5	0.5	PAL
	3/19/2002	Trichloroethene	3.8	5	0.5	PAL
	9/11/2002	Trichloroethene	2.8	5	0.5	PAL
	12/17/2002	Trichloroethene	2.9	5	0.5	PAL
	3/24/2003	Trichloroethene	0.83	5	0.5	PAL
	6/11/2003	Trichloroethene	4.3	5	0.5	PAL
	9/9/2003	Trichloroethene	2.3	5	0.5	PAL
	12/15/2003	Trichloroethene	4.2	5	0.5	PAL
	3/23/2004	Trichloroethene	4.1	5	0.5	PAL
	9/22/2004	Trichloroethene	3.9	5	0.5	PAL
	12/9/2004	Trichloroethene	2.7	5	0.5	PAL
	6/19/2000	Vinyl chloride	1	0.2	0.02	ES
	9/12/2000	Vinyl chloride	1.9	0.2	0.02	ES
	12/13/2000	Vinyl chloride	0.89	0.2	0.02	ES
	4/3/2001	Vinyl chloride	1.6	0.2	0.02	ES
	6/13/2001	Vinyl chloride	1.2	0.2	0.02	ES
	10/2/2001	Vinyl chloride	0.52	0.2	0.02	ES
	12/11/2001	Vinyl chloride	0.88	0.2	0.02	ES
	3/19/2002	Vinyl chloride	0.88	0.2	0.02	ES
	9/11/2002	Vinyl chloride	0.47	0.2	0.02	ES
	6/11/2003	Vinyl Chloride	1.9	0.2	0.02	ES
	9/9/2003	Vinyl Chloride	0.53	0.2	0.02	ES
	12/15/2003	Vinyl Chloride	1.6	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	1.8	0.2	0.02	ES
	9/22/2004	Vinyl Chloride	1.7	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	1.2	0.2	0.02	ES
P7B						
	6/12/2002	Iron	200	0.3	0.15	ES
	4/5/2001	Nitrogen, nitrate	3.3	10	2	PAL
	6/14/2001	Nitrogen, nitrate	3.4	10	2	PAL
	12/13/2001	Nitrogen, nitrate	3.4	10	2	PAL
	3/20/2002	Nitrogen, nitrate	3.2	10	2	PAL
	6/12/2002	Nitrogen, nitrate	3.2	10	2	PAL
	3/24/2003	Nitrogen, Nitrate	2.9	10	2	PAL
	9/10/2003	Nitrogen, Nitrate	3	10	2	PAL
	12/17/2003	Nitrogen, Nitrate	2.7	10	2	PAL
	3/23/2004	Nitrogen, Nitrate	3.1	10	2	PAL
	6/29/2004	Nitrogen, Nitrate	2.8	10	2	PAL
	9/23/2004	Nitrogen, Nitrate	2.8	10	2	PAL
	12/9/2004	Nitrogen, Nitrate	2.5	10	2	PAL

Well	Date	Compound	Result	ES	PAL	Exceedence
	3/23/2000	Trichloroethene	0.9	5	0.5	PAL
	6/22/2000	Trichloroethene	1	5	0.5	PAL
	9/14/2000	Trichloroethene	1.1	5	0.5	PAL
	12/13/2000	Trichloroethene	0.75	5	0.5	PAL
	4/5/2001	Trichloroethene	0.9	5	0.5	PAL
	6/14/2001	Trichloroethene	2.4	5	0.5	PAL
	10/4/2001	Trichloroethene	5.5	5	0.5	ES
	12/13/2001	Trichloroethene	4.3	5	0.5	PAL
	3/20/2002	Trichloroethene	5.6	5	0.5	ES
	6/12/2002	Trichloroethene	3.9	5	0.5	PAL
	9/12/2002	Trichloroethene	1.9	5	0.5	PAL
	3/24/2003	Trichloroethene	3.2	5	0.5	PAL
	6/11/2003	Trichloroethene	0.83	5	0.5	PAL
	9/10/2003	Trichloroethene	2.5	5	0.5	PAL
	12/17/2003	Trichloroethene	4.4	5	0.5	PAL
	6/29/2004	Trichloroethene	5.6	5	0.5	ES
	9/23/2004	Trichloroethene	3.6	5	0.5	PAL
	12/9/2004	Trichloroethene	1.2	5	0.5	PAL
	12/13/2000	Vinyl chloride	0.35	0.2	0.02	ES
	10/4/2001	Vinyl chloride	0.24	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	0.33	0.2	0.02	ES
P8A						
	3/23/2000	1,1-Dichloroethene	3.9	7	0.7	PAL
	6/21/2000	1,1-Dichloroethene	4	7	0.7	PAL
	9/13/2000	1,1-Dichloroethene	3.7	7	0.7	PAL
	12/15/2000	1,1-Dichloroethene	3.1	7	0.7	PAL
	4/4/2001	1,1-Dichloroethene	3.9	7	0.7	PAL
	6/14/2001	1,1-Dichloroethene	4.4	7	0.7	PAL
	10/4/2001	1,1-Dichloroethene	4.2	7	0.7	PAL
	12/13/2001	1,1-Dichloroethene	2.8	7	0.7	PAL
	3/20/2002	1,1-Dichloroethene	4.7	7	0.7	PAL
	6/13/2002	1,1-Dichloroethene	3.5	7	0.7	PAL
	9/12/2002	1,1-Dichloroethene	3.9	7	0.7	PAL
	12/17/2002	1,1-Dichloroethene	3.5	7	0.7	PAL
	3/24/2003	1,1-Dichloroethene	3.8	7	0.7	PAL
	6/12/2003	1,1-Dichloroethene	3.1	7	0.7	PAL
	9/10/2003	1,1-Dichloroethene	2.8	7	0.7	PAL
	12/17/2003	1,1-Dichloroethene	2.6	7	0.7	PAL
	3/25/2004	1,1-Dichloroethene	2.1	7	0.7	PAL
	6/29/2004	1,1-Dichloroethene	2	7	0.7	PAL
	9/23/2004	1,1-Dichloroethene	1.3	7	0.7	PAL
	12/14/2004	1,1-Dichloroethene	1.8	7	0.7	PAL
	3/23/2000	cis-1,2-Dichloroethene	120	70	7	ES
	6/21/2000	cis-1,2-Dichloroethene	140	70	7	ES
	9/13/2000	cis-1,2-Dichloroethene	150	70	7	ES
	12/15/2000	cis-1,2-Dichloroethene	150	70	7	ES
	4/4/2001	cis-1,2-Dichloroethene	160	70	7	ES
	6/14/2001	cis-1,2-Dichloroethene	170	70	7	ES
	10/4/2001	cis-1,2-Dichloroethene	160	70	7	ES
	12/13/2001	cis-1,2-Dichloroethene	98	70	7	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	3/20/2002	cis-1,2-Dichloroethene	160	70	7	ES
	6/13/2002	cis-1,2-Dichloroethene	130	70	7	ES
	9/12/2002	cis-1,2-Dichloroethene	160	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	140	70	7	ES
	3/24/2003	cis-1,2-Dichloroethene	130	70	7	ES
	6/12/2003	cis-1,2-Dichloroethene	130	70	7	ES
	9/10/2003	cis-1,2-Dichloroethene	140	70	7	ES
	12/17/2003	cis-1,2-Dichloroethene	120	70	7	ES
	3/25/2004	cis-1,2-Dichloroethene	110	70	7	ES
	6/29/2004	cis-1,2-Dichloroethene	110	70	7	ES
	9/23/2004	cis-1,2-Dichloroethene	78	70	7	ES
	12/14/2004	cis-1,2-Dichloroethene	79	70	7	ES
	6/13/2002	Iron	130	0.3	0.15	ES
	3/23/2000	Tetrachloroethene	0.53	5	0.5	PAL
	4/4/2001	Tetrachloroethene	0.91	5	0.5	PAL
	6/14/2001	Tetrachloroethene	1.2	5	0.5	PAL
	10/4/2001	Tetrachloroethene	0.7	5	0.5	PAL
	3/20/2002	Tetrachloroethene	0.6	5	0.5	PAL
	3/24/2003	Tetrachloroethene	0.59	5	0.5	PAL
	3/23/2000	Trichloroethene	69	5	0.5	ES
	6/21/2000	Trichloroethene	76	5	0.5	ES
	9/13/2000	Trichloroethene	88	5	0.5	ES
	12/15/2000	Trichloroethene	93	5	0.5	ES
	4/4/2001	Trichloroethene	90	5	0.5	ES
	6/14/2001	Trichloroethene	90	5	0.5	ES
	10/4/2001	Trichloroethene	73	5	0.5	ES
	12/13/2001	Trichloroethene	42	5	0.5	ES
	3/20/2002	Trichloroethene	72	5	0.5	ES
	6/13/2002	Trichloroethene	69	5	0.5	ES
	9/12/2002	Trichloroethene	73	5	0.5	ES
	12/17/2002	Trichloroethene	79	5	0.5	ES
	3/24/2003	Trichloroethene	70	5	0.5	ES
	6/12/2003	Trichloroethene	59	5	0.5	ES
	9/10/2003	Trichloroethene	69	5	0.5	ES
	12/17/2003	Trichloroethene	71	5	0.5	ES
	3/25/2004	Trichloroethene	84	5	0.5	ES
	6/29/2004	Trichloroethene	85	5	0.5	ES
	9/23/2004	Trichloroethene	64	5	0.5	ES
	12/14/2004	Trichloroethene	52	5	0.5	ES
	3/23/2000	Vinyl chloride	37	0.2	0.02	ES
	6/21/2000	Vinyl chloride	28	0.2	0.02	ES
	9/13/2000	Vinyl chloride	11	0.2	0.02	ES
	12/15/2000	Vinyl chloride	14	0.2	0.02	ES
	4/4/2001	Vinyl chloride	23	0.2	0.02	ES
	6/14/2001	Vinyl chloride	28	0.2	0.02	ES
	10/4/2001	Vinyl chloride	35	0.2	0.02	ES
	12/13/2001	Vinyl chloride	27	0.2	0.02	ES
	3/20/2002	Vinyl chloride	46	0.2	0.02	ES
	6/13/2002	Vinyl chloride	33	0.2	0.02	ES
	9/12/2002	Vinyl chloride	37	0.2	0.02	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	12/17/2002	Vinyl chloride	28	0.2	0.02	ES
	3/24/2003	Vinyl Chloride	36	0.2	0.02	ES
	6/12/2003	Vinyl Chloride	27	0.2	0.02	ES
	9/10/2003	Vinyl Chloride	25	0.2	0.02	ES
	12/17/2003	Vinyl Chloride	20	0.2	0.02	ES
	3/25/2004	Vinyl Chloride	7.2	0.2	0.02	ES
	6/29/2004	Vinyl Chloride	4.5	0.2	0.02	ES
	9/23/2004	Vinyl Chloride	5	0.2	0.02	ES
	12/14/2004	Vinyl Chloride	12	0.2	0.02	ES
P8B						
	12/15/2000	1,1-Dichloroethene	0.91	7	0.7	PAL
	4/5/2001	1,1-Dichloroethene	0.91	7	0.7	PAL
	6/14/2001	1,1-Dichloroethene	0.91	7	0.7	PAL
	10/4/2001	1,1-Dichloroethene	1.1	7	0.7	PAL
	12/13/2001	1,1-Dichloroethene	1.1	7	0.7	PAL
	3/20/2002	1,1-Dichloroethene	1.4	7	0.7	PAL
	9/12/2002	1,1-Dichloroethene	1.3	7	0.7	PAL
	3/24/2003	1,1-Dichloroethene	1.4	7	0.7	PAL
	3/25/2004	1,1-Dichloroethene	1.4	7	0.7	PAL
	6/29/2004	1,1-Dichloroethene	1.5	7	0.7	PAL
	12/14/2004	1,1-Dichloroethene	1.4	7	0.7	PAL
	3/23/2000	cis-1,2-Dichloroethene	69	70	7	PAL
	6/22/2000	cis-1,2-Dichloroethene	98	70	7	ES
	9/13/2000	cis-1,2-Dichloroethene	130	70	7	ES
	12/15/2000	cis-1,2-Dichloroethene	130	70	7	ES
	4/5/2001	cis-1,2-Dichloroethene	140	70	7	ES
	6/14/2001	cis-1,2-Dichloroethene	170	70	7	ES
	10/4/2001	cis-1,2-Dichloroethene	180	70	7	ES
	12/13/2001	cis-1,2-Dichloroethene	150	70	7	ES
	3/20/2002	cis-1,2-Dichloroethene	170	70	7	ES
	6/13/2002	cis-1,2-Dichloroethene	180	70	7	ES
	9/12/2002	cis-1,2-Dichloroethene	220	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	220	70	7	ES
	3/24/2003	cis-1,2-Dichloroethene	190	70	7	ES
	6/12/2003	cis-1,2-Dichloroethene	230	70	7	ES
	9/10/2003	cis-1,2-Dichloroethene	270	70	7	ES
	12/17/2003	cis-1,2-Dichloroethene	220	70	7	ES
	3/25/2004	cis-1,2-Dichloroethene	260	70	7	ES
	6/29/2004	cis-1,2-Dichloroethene	340	70	7	ES
	9/23/2004	cis-1,2-Dichloroethene	280	70	7	ES
	12/14/2004	cis-1,2-Dichloroethene	270	70	7	ES
	6/13/2002	Iron	450	0.3	0.15	ES
	3/23/2000	Trichloroethene	51	5	0.5	ES
	6/22/2000	Trichloroethene	89	5	0.5	ES
	9/13/2000	Trichloroethene	95	5	0.5	ES
	12/15/2000	Trichloroethene	100	5	0.5	ES
	4/5/2001	Trichloroethene	110	5	0.5	ES
	6/14/2001	Trichloroethene	130	5	0.5	ES
	10/4/2001	Trichloroethene	120	5	0.5	ES
	12/13/2001	Trichloroethene	110	5	0.5	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	3/20/2002	Trichloroethene	130	5	0.5	ES
	6/13/2002	Trichloroethene	150	5	0.5	ES
	9/12/2002	Trichloroethene	160	5	0.5	ES
	12/17/2002	Trichloroethene	150	5	0.5	ES
	3/24/2003	Trichloroethene	160	5	0.5	ES
	6/12/2003	Trichloroethene	140	5	0.5	ES
	9/10/2003	Trichloroethene	170	5	0.5	ES
	12/17/2003	Trichloroethene	120	5	0.5	ES
	3/25/2004	Trichloroethene	140	5	0.5	ES
	6/29/2004	Trichloroethene	160	5	0.5	ES
	9/23/2004	Trichloroethene	160	5	0.5	ES
	12/14/2004	Trichloroethene	130	5	0.5	ES
	9/13/2000	Vinyl chloride	0.77	0.2	0.02	ES
	12/15/2000	Vinyl chloride	0.66	0.2	0.02	ES
	4/5/2001	Vinyl chloride	0.99	0.2	0.02	ES
	6/14/2001	Vinyl chloride	1.4	0.2	0.02	ES
	10/4/2001	Vinyl chloride	1.8	0.2	0.02	ES
	12/13/2001	Vinyl chloride	3.1	0.2	0.02	ES
	3/20/2002	Vinyl chloride	4.4	0.2	0.02	ES
	6/13/2002	Vinyl chloride	3.1	0.2	0.02	ES
	9/12/2002	Vinyl chloride	8.2	0.2	0.02	ES
	12/17/2002	Vinyl chloride	15	0.2	0.02	ES
	3/24/2003	Vinyl Chloride	12	0.2	0.02	ES
	6/12/2003	Vinyl Chloride	9	0.2	0.02	ES
	9/10/2003	Vinyl Chloride	12	0.2	0.02	ES
	12/17/2003	Vinyl Chloride	21	0.2	0.02	ES
	3/25/2004	Vinyl Chloride	28	0.2	0.02	ES
	6/29/2004	Vinyl Chloride	66	0.2	0.02	ES
	9/23/2004	Vinyl Chloride	40	0.2	0.02	ES
	12/14/2004	Vinyl Chloride	49	0.2	0.02	ES
P8BD						
	10/4/2001	1,1-Dichloroethene	1.1	7	0.7	PAL
	6/14/2001	cis-1,2-Dichloroethene	170	70	7	ES
	10/4/2001	cis-1,2-Dichloroethene	170	70	7	ES
	6/14/2001	Trichloroethene	130	5	0.5	ES
	10/4/2001	Trichloroethene	110	5	0.5	ES
	6/14/2001	Vinyl chloride	1.3	0.2	0.02	ES
	10/4/2001	Vinyl chloride	1.6	0.2	0.02	ES
P9B						
	12/15/2000	Methylene chloride	0.57	5	0.5	PAL
	3/23/2000	Trichloroethene	1.2	5	0.5	PAL
	6/21/2000	Trichloroethene	2	5	0.5	PAL
	9/13/2000	Trichloroethene	2.8	5	0.5	PAL
	12/15/2000	Trichloroethene	3.4	5	0.5	PAL
	4/4/2001	Trichloroethene	3.2	5	0.5	PAL
	12/15/2000	Vinyl chloride	0.22	0.2	0.02	ES
	4/4/2001	Vinyl chloride	0.19	0.2	0.02	PAL
P9BD						
	4/4/2001	Trichloroethene	3.3	5	0.5	PAL

Well	Date	Compound	Result	ES	PAL	Exceedence
PW 717 HC						
	12/5/2002	Methylene chloride	0.58	5	0.5	PAL
	6/12/2003	Methylene Chloride	0.62	5	0.5	PAL
PW1716LR						
	6/12/2001	Methylene chloride	0.64	5	0.5	PAL
	6/11/2003	Methylene Chloride	1	5	0.5	PAL

"D" in well name indicates a duplicate sample.

The Exceedence column indicates the standard, either ES or PAL, if the result is above the standard.

Village of Grafton - Lime Kiln Landfill

Detected Compounds and Regulatory Exceedences

January 2000 to December 2004

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
LH1							
	1/26/2000	1,1-Dichloroethane	8.8	ug/L	850	85	
	3/24/2000	1,1-Dichloroethane	8.6	ug/L	850	85	
	6/21/2000	1,1-Dichloroethane	4	ug/L	850	85	
	9/13/2000	1,1-Dichloroethane	6.2	ug/L	850	85	
	12/13/2000	1,1-Dichloroethane	5	ug/L	850	85	
	4/4/2001	1,1-Dichloroethane	3.8	ug/L	850	85	
	6/14/2001	1,1-Dichloroethane	4.9	ug/L	850	85	
	10/2/2001	1,1-Dichloroethane	5.6	ug/L	850	85	
	12/11/2001	1,1-Dichloroethane	7	ug/L	850	85	
	3/20/2002	1,1-Dichloroethane	4.9	ug/L	850	85	
	6/13/2002	1,1-Dichloroethane	25	ug/L	850	85	
	9/12/2002	1,1-Dichloroethane	6.3	ug/L	850	85	
	12/17/2002	1,1-Dichloroethane	7.1	ug/L	850	85	
	3/19/2003	1,1-Dichloroethane	6.7	ug/L	850	85	
	6/12/2003	1,1-Dichloroethane	5	ug/L	850	85	
	9/10/2003	1,1-Dichloroethane	4.3	ug/L	850	85	
	12/17/2003	1,1-Dichloroethane	5.4	ug/L	850	85	
	3/23/2004	1,1-Dichloroethane	4.1	ug/L	850	85	
	6/23/2004	1,1-Dichloroethane	2.5	ug/L	850	85	
	9/23/2004	1,1-Dichloroethane	3.5	ug/L	850	85	
	12/14/2004	1,1-Dichloroethane	6.7	ug/L	850	85	
	1/26/2000	1,1-Dichloroethene	1.3	ug/L	7	0.7	PAL
	3/24/2000	1,1-Dichloroethene	1.6	ug/L	7	0.7	PAL
	6/21/2000	1,1-Dichloroethene	1	ug/L	7	0.7	PAL
	9/13/2000	1,1-Dichloroethene	1.5	ug/L	7	0.7	PAL
	12/13/2000	1,1-Dichloroethene	1.3	ug/L	7	0.7	PAL
	4/4/2001	1,1-Dichloroethene	1.1	ug/L	7	0.7	PAL
	6/14/2001	1,1-Dichloroethene	1.4	ug/L	7	0.7	PAL
	10/2/2001	1,1-Dichloroethene	1.2	ug/L	7	0.7	PAL
	12/11/2001	1,1-Dichloroethene	1.4	ug/L	7	0.7	PAL
	3/20/2002	1,1-Dichloroethene	1.2	ug/L	7	0.7	PAL
	9/12/2002	1,1-Dichloroethene	0.8	ug/L	7	0.7	PAL
	12/17/2002	1,1-Dichloroethene	0.89	ug/L	7	0.7	PAL
	3/19/2003	1,1-Dichloroethene	0.95	ug/L	7	0.7	PAL
	12/17/2003	1,1-Dichloroethene	0.64	ug/L	7	0.7	
	3/23/2004	1,1-Dichloroethene	0.93	ug/L	7	0.7	PAL
	12/14/2004	1,1-Dichloroethene	0.84	ug/L	7	0.7	PAL
	6/12/2003	2-Butanone	5.7	ug/L	460	90	
	12/13/2000	Acetone	7.6	ug/L	1000	200	
	6/14/2001	Acetone	4.7	ug/L	1000	200	
	10/2/2001	Acetone	6.2	ug/L	1000	200	
	12/11/2001	Acetone	13	ug/L	1000	200	
	3/20/2002	Acetone	12	ug/L	1000	200	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	9/12/2002	Acetone	8.3	ug/L	1000	200	
	12/17/2002	Acetone	20	ug/L	1000	200	
	6/12/2003	Acetone	3.2	ug/L	1000	200	
	12/17/2003	Acetone	9.5	ug/L	1000	200	
	3/23/2004	Acetone	10	ug/L	1000	200	
	12/14/2004	Acetone	9.6	ug/L	1000	200	
	1/26/2000	Alkalinity as CaCO3	390	mg/L			
	6/21/2000	Alkalinity as CaCO3	370	mg/L			
	12/13/2000	Alkalinity as CaCO3	350	mg/L			
	6/21/2000	Arsenic - Dissolved	1	ug/L	50	5	
	12/13/2000	Arsenic - Dissolved	0.87	ug/L	50	5	
	1/26/2000	Barium - Dissolved	47	ug/L	2000	400	
	3/24/2000	Barium - Dissolved	47	ug/L	2000	400	
	6/21/2000	Barium - Dissolved	40	ug/L	2000	400	
	12/13/2000	Barium - Dissolved	31	ug/L	2000	400	
	9/13/2000	Benzene	0.31	ug/L	5	0.5	
	9/12/2002	Benzene	0.51	ug/L	5	0.5	PAL
	1/26/2000	Chloride	120	mg/L	250	125	
	3/24/2000	Chloride	140	mg/L	250	125	PAL
	6/21/2000	Chloride	130	mg/L	250	125	PAL
	12/13/2000	Chloride	130	mg/L	250	125	PAL
	4/4/2001	Chloride	110	mg/L	250	125	
	6/14/2001	Chloride	15	mg/L	250	125	
	10/2/2001	Chloride	120	mg/L	250	125	
	12/11/2001	Chloride	130	mg/L	250	125	PAL
	3/20/2002	Chloride	110	mg/L	250	125	
	6/13/2002	Chloride	110	mg/L	250	125	
	9/12/2002	Chloride	120	mg/L	250	125	
	12/17/2002	Chloride	110	mg/L	250	125	
	3/19/2003	Chloride	130	mg/L	250	125	PAL
	6/12/2003	Chloride	110	mg/L	250	125	
	9/10/2003	Chloride	140	mg/L	250	125	PAL
	12/17/2003	Chloride	120	mg/L	250	125	
	3/23/2004	Chloride	85	mg/L	250	125	
	6/23/2004	Chloride	80	mg/L	250	125	
	9/23/2004	Chloride	100	mg/L	250	125	
	12/14/2004	Chloride	110	mg/L	250	125	
	3/24/2000	Chloroethane	2	ug/L	400	80	
	6/21/2000	Chloroethane	1	ug/L	400	80	
	9/13/2000	Chloroethane	2.5	ug/L	400	80	
	12/13/2000	Chloroethane	2.3	ug/L	400	80	
	4/4/2001	Chloroethane	1.8	ug/L	400	80	
	6/14/2001	Chloroethane	2.2	ug/L	400	80	
	10/2/2001	Chloroethane	1.1	ug/L	400	80	
	3/20/2002	Chloroethane	1.7	ug/L	400	80	
	12/13/2000	Chromium - Dissolved	0.37	ug/L	100	10	
	1/26/2000	cis-1,2-Dichloroethene	120	ug/L	70	7	ES
	3/24/2000	cis-1,2-Dichloroethene	110	ug/L	70	7	ES
	6/21/2000	cis-1,2-Dichloroethene	120	ug/L	70	7	ES
	9/13/2000	cis-1,2-Dichloroethene	140	ug/L	70	7	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/13/2000	cis-1,2-Dichloroethene	120	ug/L	70	7	ES
	4/4/2001	cis-1,2-Dichloroethene	100	ug/L	70	7	ES
	6/14/2001	cis-1,2-Dichloroethene	120	ug/L	70	7	ES
	10/2/2001	cis-1,2-Dichloroethene	110	ug/L	70	7	ES
	12/11/2001	cis-1,2-Dichloroethene	110	ug/L	70	7	ES
	3/20/2002	cis-1,2-Dichloroethene	99	ug/L	70	7	ES
	6/13/2002	cis-1,2-Dichloroethene	44	ug/L	70	7	PAL
	9/12/2002	cis-1,2-Dichloroethene	97	ug/L	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	77	ug/L	70	7	ES
	3/19/2003	cis-1,2-Dichloroethene	70	ug/L	70	7	PAL
	6/12/2003	cis-1,2-Dichloroethene	84	ug/L	70	7	ES
	9/10/2003	cis-1,2-Dichloroethene	85	ug/L	70	7	ES
	12/17/2003	cis-1,2-Dichloroethene	66	ug/L	70	7	PAL
	3/23/2004	cis-1,2-Dichloroethene	81	ug/L	70	7	ES
	6/23/2004	cis-1,2-Dichloroethene	63	ug/L	70	7	PAL
	9/23/2004	cis-1,2-Dichloroethene	91	ug/L	70	7	ES
	12/14/2004	cis-1,2-Dichloroethene	83	ug/L	70	7	ES
	1/26/2000	Ethane	5.2	ug/l			
	3/24/2000	Ethane	3.7	ug/l			
	6/13/2002	Iron	390	ug/L	0.3	0.15	ES
	1/26/2000	Mercury - Dissolved	0.28	ug/L	2	0.2	PAL
	3/24/2000	Mercury - Dissolved	0.55	ug/L	2	0.2	PAL
	12/13/2000	Mercury - Dissolved	0.54	ug/L	2	0.2	PAL
	6/21/2000	Methylene chloride	1	ug/L	5	0.5	PAL
	9/13/2000	Methylene chloride	0.39	ug/L	5	0.5	
	12/13/2000	Methylene chloride	0.71	ug/L	5	0.5	PAL
	12/11/2001	Methylene chloride	1	ug/L	5	0.5	PAL
	6/12/2003	Methylene Chloride	0.62	ug/L	5	0.5	PAL
	1/26/2000	Nitrogen, nitrate	1.5	mg/L	10	2	
	3/24/2000	Nitrogen, nitrate	1.8	mg/L	10	2	
	6/21/2000	Nitrogen, nitrate	1	mg/L	10	2	
	4/4/2001	Nitrogen, nitrate	0.85	mg/L	10	2	
	6/14/2001	Nitrogen, nitrate	0.79	mg/L	10	2	
	12/11/2001	Nitrogen, nitrate	1.5	mg/L	10	2	
	3/20/2002	Nitrogen, nitrate	1.3	mg/L	10	2	
	6/13/2002	Nitrogen, nitrate	0.89	mg/L	10	2	
	3/19/2003	Nitrogen, Nitrate	2.5	mg/L	10	2	PAL
	9/10/2003	Nitrogen, Nitrate	2.1	mg/L	10	2	PAL
	12/17/2003	Nitrogen, Nitrate	2.8	mg/L	10	2	PAL
	3/23/2004	Nitrogen, Nitrate	2	mg/L	10	2	
	6/23/2004	Nitrogen, Nitrate	1.2	mg/L	10	2	
	9/23/2004	Nitrogen, Nitrate	0.99	mg/L	10	2	
	12/14/2004	Nitrogen, Nitrate	2.1	mg/L	10	2	PAL
	9/23/2004	Redox Potential	46	mV			
	12/14/2004	Redox Potential	0.53	mV			
	6/21/2000	Selenium - Dissolved	7	ug/L	50	10	
	12/13/2000	Selenium - Dissolved	5	ug/L	50	10	
	1/26/2000	Tetrachloroethene	4.4	ug/L	5	0.5	PAL
	3/24/2000	Tetrachloroethene	6.5	ug/L	5	0.5	ES
	6/21/2000	Tetrachloroethene	3	ug/L	5	0.5	PAL

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	9/13/2000	Tetrachloroethene	3.7	ug/L	5	0.5	PAL
	12/13/2000	Tetrachloroethene	4.2	ug/L	5	0.5	PAL
	4/4/2001	Tetrachloroethene	2.2	ug/L	5	0.5	PAL
	6/14/2001	Tetrachloroethene	2.6	ug/L	5	0.5	PAL
	10/2/2001	Tetrachloroethene	4.4	ug/L	5	0.5	PAL
	12/11/2001	Tetrachloroethene	5.7	ug/L	5	0.5	ES
	3/20/2002	Tetrachloroethene	3.9	ug/L	5	0.5	PAL
	9/12/2002	Tetrachloroethene	3.8	ug/L	5	0.5	PAL
	12/17/2002	Tetrachloroethene	6.5	ug/L	5	0.5	ES
	3/19/2003	Tetrachloroethene	6	ug/L	5	0.5	ES
	6/12/2003	Tetrachloroethene	3.3	ug/L	5	0.5	PAL
	9/10/2003	Tetrachloroethene	4.2	ug/L	5	0.5	PAL
	12/17/2003	Tetrachloroethene	5.6	ug/L	5	0.5	ES
	3/23/2004	Tetrachloroethene	2.2	ug/L	5	0.5	PAL
	6/23/2004	Tetrachloroethene	0.89	ug/L	5	0.5	PAL
	9/23/2004	Tetrachloroethene	2.3	ug/L	5	0.5	PAL
	12/14/2004	Tetrachloroethene	5.1	ug/L	5	0.5	ES
	12/13/2000	Toluene	0.42	ug/L	1000	200	
	12/13/2000	Toluene	0.42	ug/L	1000	200	
	4/4/2001	Toluene	0.35	ug/L	1000	200	
	4/4/2001	Toluene	0.35	ug/L	1000	200	
	6/14/2001	Toluene	0.27	ug/L	1000	200	
	6/14/2001	Toluene	0.27	ug/L	1000	200	
	1/26/2000	trans-1,2-Dichloroethene	5.1	ug/L	100	20	
	3/24/2000	trans-1,2-Dichloroethene	4.9	ug/L	100	20	
	6/21/2000	trans-1,2-Dichloroethene	5	ug/L	100	20	
	9/13/2000	trans-1,2-Dichloroethene	4.8	ug/L	100	20	
	12/13/2000	trans-1,2-Dichloroethene	5.1	ug/L	100	20	
	4/4/2001	trans-1,2-Dichloroethene	4.7	ug/L	100	20	
	6/14/2001	trans-1,2-Dichloroethene	5.3	ug/L	100	20	
	10/2/2001	trans-1,2-Dichloroethene	4.7	ug/L	100	20	
	12/11/2001	trans-1,2-Dichloroethene	5.6	ug/L	100	20	
	3/20/2002	trans-1,2-Dichloroethene	4.8	ug/L	100	20	
	6/13/2002	trans-1,2-Dichloroethene	3.1	ug/L	100	20	
	9/12/2002	trans-1,2-Dichloroethene	4	ug/L	100	20	
	12/17/2002	trans-1,2-Dichloroethene	7	ug/L	100	20	
	3/19/2003	trans-1,2-Dichloroethene	2.5	ug/L	100	20	
	6/12/2003	trans-1,2-Dichloroethene	3.9	ug/L	100	20	
	9/10/2003	trans-1,2-Dichloroethene	3.4	ug/L	100	20	
	12/17/2003	trans-1,2-Dichloroethene	3.1	ug/L	100	20	
	3/23/2004	trans-1,2-Dichloroethene	4.2	ug/L	100	20	
	6/23/2004	trans-1,2-Dichloroethene	3.9	ug/L	100	20	
	9/23/2004	trans-1,2-Dichloroethene	3.3	ug/L	100	20	
	12/14/2004	trans-1,2-Dichloroethene	3	ug/L	100	20	
	1/26/2000	Trichloroethene	29	ug/L	5	0.5	ES
	3/24/2000	Trichloroethene	29	ug/L	5	0.5	ES
	6/21/2000	Trichloroethene	27	ug/L	5	0.5	ES
	9/13/2000	Trichloroethene	27	ug/L	5	0.5	ES
	12/13/2000	Trichloroethene	25	ug/L	5	0.5	ES
	4/4/2001	Trichloroethene	19	ug/L	5	0.5	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	6/14/2001	Trichloroethene	21	ug/L	5	0.5	ES
	10/2/2001	Trichloroethene	22	ug/L	5	0.5	ES
	12/11/2001	Trichloroethene	27	ug/L	5	0.5	ES
	3/20/2002	Trichloroethene	21	ug/L	5	0.5	ES
	6/13/2002	Trichloroethene	11	ug/L	5	0.5	ES
	9/12/2002	Trichloroethene	21	ug/L	5	0.5	ES
	12/17/2002	Trichloroethene	29	ug/L	5	0.5	ES
	3/19/2003	Trichloroethene	24	ug/L	5	0.5	ES
	6/12/2003	Trichloroethene	17	ug/L	5	0.5	ES
	9/10/2003	Trichloroethene	18	ug/L	5	0.5	ES
	12/17/2003	Trichloroethene	20	ug/L	5	0.5	ES
	3/23/2004	Trichloroethene	15	ug/L	5	0.5	ES
	6/23/2004	Trichloroethene	10	ug/L	5	0.5	ES
	9/23/2004	Trichloroethene	15	ug/L	5	0.5	ES
	12/14/2004	Trichloroethene	20	ug/L	5	0.5	ES
	1/26/2000	Vinyl chloride	130	ug/L	0.2	0.02	ES
	3/24/2000	Vinyl chloride	120	ug/L	0.2	0.02	ES
	6/21/2000	Vinyl chloride	130	ug/L	0.2	0.02	ES
	9/13/2000	Vinyl chloride	150	ug/L	0.2	0.02	ES
	12/13/2000	Vinyl chloride	130	ug/L	0.2	0.02	ES
	4/4/2001	Vinyl chloride	110	ug/L	0.2	0.02	ES
	6/14/2001	Vinyl chloride	150	ug/L	0.2	0.02	ES
	10/2/2001	Vinyl chloride	120	ug/L	0.2	0.02	ES
	12/11/2001	Vinyl chloride	110	ug/L	0.2	0.02	ES
	3/20/2002	Vinyl chloride	140	ug/L	0.2	0.02	ES
	6/13/2002	Vinyl chloride	54	ug/L	0.2	0.02	ES
	9/12/2002	Vinyl chloride	100	ug/L	0.2	0.02	ES
	12/17/2002	Vinyl chloride	47	ug/L	0.2	0.02	ES
	3/19/2003	Vinyl Chloride	37	ug/L	0.2	0.02	ES
	6/12/2003	Vinyl Chloride	75	ug/L	0.2	0.02	ES
	9/10/2003	Vinyl Chloride	75	ug/L	0.2	0.02	ES
	12/17/2003	Vinyl Chloride	49	ug/L	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	85	ug/L	0.2	0.02	ES
	6/23/2004	Vinyl Chloride	62	ug/L	0.2	0.02	ES
	9/23/2004	Vinyl Chloride	110	ug/L	0.2	0.02	ES
	12/14/2004	Vinyl Chloride	60	ug/L	0.2	0.02	ES
LH2							
	1/26/2000	1,1,1-Trichloroethane	0.82	ug/L	200	40	
	3/24/2000	1,1,1-Trichloroethane	1.5	ug/L	200	40	
	1/26/2000	1,1-Dichloroethane	84	ug/L	850	85	
	3/24/2000	1,1-Dichloroethane	80	ug/L	850	85	
	6/21/2000	1,1-Dichloroethane	63	ug/L	850	85	
	9/13/2000	1,1-Dichloroethane	4.8	ug/L	850	85	
	12/13/2000	1,1-Dichloroethane	5.1	ug/L	850	85	
	4/4/2001	1,1-Dichloroethane	4.7	ug/L	850	85	
	6/14/2001	1,1-Dichloroethane	12	ug/L	850	85	
	10/2/2001	1,1-Dichloroethane	19	ug/L	850	85	
	12/11/2001	1,1-Dichloroethane	14	ug/L	850	85	
	3/20/2002	1,1-Dichloroethane	15	ug/L	850	85	
	6/13/2002	1,1-Dichloroethane	12	ug/L	850	85	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/13/2000	1,1-Dichloroethene	0.88	ug/L	7	0.7	PAL
	1/26/2000	Alkalinity as CaCO3	240	mg/L			
	6/21/2000	Alkalinity as CaCO3	190	mg/L			
	12/13/2000	Alkalinity as CaCO3	76	mg/L			
	6/21/2000	Arsenic - Dissolved	2	ug/L	50	5	
	12/13/2000	Arsenic - Dissolved	0.53	ug/L	50	5	
	1/26/2000	Barium - Dissolved	44	ug/L	2000	400	
	3/24/2000	Barium - Dissolved	40	ug/L	2000	400	
	6/21/2000	Barium - Dissolved	21	ug/L	2000	400	
	12/13/2000	Barium - Dissolved	28	ug/L	2000	400	
	1/26/2000	Chloride	150	mg/L	250	125	PAL
	3/24/2000	Chloride	530	mg/L	250	125	ES
	6/21/2000	Chloride	500	mg/L	250	125	ES
	12/13/2000	Chloride	96	mg/L	250	125	
	4/4/2001	Chloride	59	mg/L	250	125	
	6/14/2001	Chloride	48	mg/L	250	125	
	10/2/2001	Chloride	63	mg/L	250	125	
	12/11/2001	Chloride	83	mg/L	250	125	
	3/20/2002	Chloride	61	mg/L	250	125	
	6/13/2002	Chloride	52	mg/L	250	125	
	6/21/2000	Chloroethane	1	ug/L	400	80	
	9/13/2000	Chloroethane	4.8	ug/L	400	80	
	12/13/2000	Chloroethane	3.1	ug/L	400	80	
	4/4/2001	Chloroethane	2.6	ug/L	400	80	
	6/14/2001	Chloroethane	3	ug/L	400	80	
	10/2/2001	Chloroethane	1.7	ug/L	400	80	
	12/11/2001	Chloroethane	1.2	ug/L	400	80	
	3/20/2002	Chloroethane	1.4	ug/L	400	80	
	1/26/2000	Chromium - Dissolved	1.2	ug/L	100	10	
	3/24/2000	Chromium - Dissolved	1.2	ug/L	100	10	
	6/21/2000	Chromium - Dissolved	1	ug/L	100	10	
	12/13/2000	Chromium - Dissolved	0.87	ug/L	100	10	
	1/26/2000	cis-1,2-Dichloroethene	40	ug/L	70	7	PAL
	3/24/2000	cis-1,2-Dichloroethene	31	ug/L	70	7	PAL
	6/21/2000	cis-1,2-Dichloroethene	46	ug/L	70	7	PAL
	9/13/2000	cis-1,2-Dichloroethene	97	ug/L	70	7	ES
	12/13/2000	cis-1,2-Dichloroethene	94	ug/L	70	7	ES
	4/4/2001	cis-1,2-Dichloroethene	58	ug/L	70	7	PAL
	6/14/2001	cis-1,2-Dichloroethene	54	ug/L	70	7	PAL
	10/2/2001	cis-1,2-Dichloroethene	62	ug/L	70	7	PAL
	12/11/2001	cis-1,2-Dichloroethene	73	ug/L	70	7	ES
	3/20/2002	cis-1,2-Dichloroethene	64	ug/L	70	7	PAL
	6/13/2002	cis-1,2-Dichloroethene	38	ug/L	70	7	PAL
	6/21/2000	Ethane	46	ug/l			
	6/13/2002	Iron	890	ug/L	0.3	0.15	ES
	12/13/2000	Lead - Dissolved	5	ug/L	15	1.5	PAL
	12/13/2000	Mercury - Dissolved	0.35	ug/L	2	0.2	PAL
	9/13/2000	Methylene chloride	0.62	ug/L	5	0.5	PAL
	12/13/2000	Methylene chloride	0.62	ug/L	5	0.5	PAL
	12/11/2001	Methylene chloride	1.2	ug/L	5	0.5	PAL

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	1/26/2000	Nitrogen, nitrate	0.6	mg/L	10	2	
	3/24/2000	Nitrogen, nitrate	0.42	mg/L	10	2	
	4/4/2001	Nitrogen, nitrate	0.76	mg/L	10	2	
	6/14/2001	Nitrogen, nitrate	0.65	mg/L	10	2	
	12/11/2001	Nitrogen, nitrate	1.2	mg/L	10	2	
	3/20/2002	Nitrogen, nitrate	1.2	mg/L	10	2	
	6/13/2002	Nitrogen, nitrate	0.82	mg/L	10	2	
	6/21/2000	Selenium - Dissolved	7	ug/L	50	10	
	12/13/2000	Selenium - Dissolved	3.1	ug/L	50	10	
	3/24/2000	Tetrachloroethene	0.75	ug/L	5	0.5	PAL
	12/13/2000	Tetrachloroethene	1.6	ug/L	5	0.5	PAL
	12/11/2001	Tetrachloroethene	0.76	ug/L	5	0.5	PAL
	3/20/2002	Tetrachloroethene	0.63	ug/L	5	0.5	PAL
	12/13/2000	Toluene	0.23	ug/L	1000	200	
	12/13/2000	Toluene	0.23	ug/L	1000	200	
	4/4/2001	Toluene	0.19	ug/L	1000	200	
	4/4/2001	Toluene	0.19	ug/L	1000	200	
	1/26/2000	trans-1,2-Dichloroethene	1.6	ug/L	100	20	
	3/24/2000	trans-1,2-Dichloroethene	2.3	ug/L	100	20	
	6/21/2000	trans-1,2-Dichloroethene	1	ug/L	100	20	
	9/13/2000	trans-1,2-Dichloroethene	4.4	ug/L	100	20	
	12/13/2000	trans-1,2-Dichloroethene	4.6	ug/L	100	20	
	4/4/2001	trans-1,2-Dichloroethene	3.6	ug/L	100	20	
	6/14/2001	trans-1,2-Dichloroethene	3.3	ug/L	100	20	
	10/2/2001	trans-1,2-Dichloroethene	3.2	ug/L	100	20	
	12/11/2001	trans-1,2-Dichloroethene	4.8	ug/L	100	20	
	3/20/2002	trans-1,2-Dichloroethene	3.7	ug/L	100	20	
	6/13/2002	trans-1,2-Dichloroethene	3	ug/L	100	20	
	1/26/2000	Trichloroethene	20	ug/L	5	0.5	ES
	3/24/2000	Trichloroethene	20	ug/L	5	0.5	ES
	6/21/2000	Trichloroethene	6	ug/L	5	0.5	ES
	9/13/2000	Trichloroethene	7.6	ug/L	5	0.5	ES
	12/13/2000	Trichloroethene	13	ug/L	5	0.5	ES
	4/4/2001	Trichloroethene	7.2	ug/L	5	0.5	ES
	6/14/2001	Trichloroethene	5.3	ug/L	5	0.5	ES
	10/2/2001	Trichloroethene	6.7	ug/L	5	0.5	ES
	12/11/2001	Trichloroethene	8.5	ug/L	5	0.5	ES
	3/20/2002	Trichloroethene	8.3	ug/L	5	0.5	ES
	6/13/2002	Trichloroethene	6.3	ug/L	5	0.5	ES
	1/26/2000	Vinyl chloride	4.9	ug/L	0.2	0.02	ES
	3/24/2000	Vinyl chloride	6.4	ug/L	0.2	0.02	ES
	6/21/2000	Vinyl chloride	45	ug/L	0.2	0.02	ES
	9/13/2000	Vinyl chloride	200	ug/L	0.2	0.02	ES
	12/13/2000	Vinyl chloride	150	ug/L	0.2	0.02	ES
	4/4/2001	Vinyl chloride	84	ug/L	0.2	0.02	ES
	6/14/2001	Vinyl chloride	110	ug/L	0.2	0.02	ES
	10/2/2001	Vinyl chloride	98	ug/L	0.2	0.02	ES
	12/11/2001	Vinyl chloride	110	ug/L	0.2	0.02	ES
	3/20/2002	Vinyl chloride	96	ug/L	0.2	0.02	ES
	6/13/2002	Vinyl chloride	67	ug/L	0.2	0.02	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
P2A							
	3/24/2000	1,1,1-Trichloroethane	1.2	ug/L	200	40	
	6/19/2000	1,1,1-Trichloroethane	3	ug/L	200	40	
	9/12/2000	1,1,1-Trichloroethane	1.1	ug/L	200	40	
	12/13/2000	1,1,1-Trichloroethane	0.56	ug/L	200	40	
	4/3/2001	1,1,1-Trichloroethane	6.9	ug/L	200	40	
	6/13/2001	1,1,1-Trichloroethane	1.8	ug/L	200	40	
	9/11/2002	1,1,1-Trichloroethane	0.65	ug/L	200	40	
	3/23/2004	1,1,1-Trichloroethane	1.8	ug/L	200	40	
	6/23/2004	1,1,1-Trichloroethane	1.5	ug/L	200	40	
	1/25/2000	1,1-Dichloroethane	24	ug/L	850	85	
	3/24/2000	1,1-Dichloroethane	15	ug/L	850	85	
	6/19/2000	1,1-Dichloroethane	55	ug/L	850	85	
	9/12/2000	1,1-Dichloroethane	37	ug/L	850	85	
	12/13/2000	1,1-Dichloroethane	27	ug/L	850	85	
	4/3/2001	1,1-Dichloroethane	89	ug/L	850	85	PAL
	6/13/2001	1,1-Dichloroethane	40	ug/L	850	85	
	10/1/2001	1,1-Dichloroethane	29	ug/L	850	85	
	12/11/2001	1,1-Dichloroethane	28	ug/L	850	85	
	3/19/2002	1,1-Dichloroethane	21	ug/L	850	85	
	6/12/2002	1,1-Dichloroethane	17	ug/L	850	85	
	9/11/2002	1,1-Dichloroethane	24	ug/L	850	85	
	12/17/2002	1,1-Dichloroethane	24	ug/L	850	85	
	3/19/2003	1,1-Dichloroethane	13	ug/L	850	85	
	6/11/2003	1,1-Dichloroethane	15	ug/L	850	85	
	9/9/2003	1,1-Dichloroethane	21	ug/L	850	85	
	12/15/2003	1,1-Dichloroethane	21	ug/L	850	85	
	3/23/2004	1,1-Dichloroethane	22	ug/L	850	85	
	6/23/2004	1,1-Dichloroethane	36	ug/L	850	85	
	9/22/2004	1,1-Dichloroethane	27	ug/L	850	85	
	12/9/2004	1,1-Dichloroethane	27	ug/L	850	85	
	1/25/2000	Alkalinity as CaCO3	480	mg/L			
	6/19/2000	Alkalinity as CaCO3	480	mg/L			
	12/13/2000	Alkalinity as CaCO3	500	mg/L			
	6/19/2000	Arsenic - Dissolved	1	ug/L	50	5	
	12/13/2000	Arsenic - Dissolved	2.3	ug/L	50	5	
	1/25/2000	Barium - Dissolved	47	ug/L	2000	400	
	3/24/2000	Barium - Dissolved	43	ug/L	2000	400	
	6/19/2000	Barium - Dissolved	54	ug/L	2000	400	
	12/13/2000	Barium - Dissolved	54	ug/L	2000	400	
	1/25/2000	Chloride	240	mg/L	250	125	PAL
	3/24/2000	Chloride	240	mg/L	250	125	PAL
	6/19/2000	Chloride	220	mg/L	250	125	PAL
	12/13/2000	Chloride	270	mg/L	250	125	ES
	4/3/2001	Chloride	300	mg/L	250	125	ES
	6/13/2001	Chloride	420	mg/L	250	125	ES
	10/1/2001	Chloride	300	mg/L	250	125	ES
	12/11/2001	Chloride	310	mg/L	250	125	ES
	3/19/2002	Chloride	240	mg/L	250	125	PAL
	6/12/2002	Chloride	270	mg/L	250	125	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	9/11/2002	Chloride	310	mg/L	250	125	ES
	12/17/2002	Chloride	330	mg/L	250	125	ES
	3/19/2003	Chloride	380	mg/L	250	125	ES
	6/11/2003	Chloride	370	mg/L	250	125	ES
	9/9/2003	Chloride	350	mg/L	250	125	ES
	12/15/2003	Chloride	370	mg/L	250	125	ES
	3/23/2004	Chloride	320	mg/L	250	125	ES
	6/23/2004	Chloride	240	mg/L	250	125	PAL
	9/22/2004	Chloride	290	mg/L	250	125	ES
	12/9/2004	Chloride	320	mg/L	250	125	ES
	4/3/2001	Chloroethane	2	ug/L	400	80	
	1/25/2000	Chromium - Dissolved	0.62	ug/L	100	10	
	3/24/2000	Chromium - Dissolved	0.89	ug/L	100	10	
	12/13/2000	Chromium - Dissolved	1.2	ug/L	100	10	
	1/25/2000	cis-1,2-Dichloroethene	2	ug/L	70	7	
	3/24/2000	cis-1,2-Dichloroethene	26	ug/L	70	7	PAL
	6/19/2000	cis-1,2-Dichloroethene	13	ug/L	70	7	PAL
	9/12/2000	cis-1,2-Dichloroethene	5.8	ug/L	70	7	
	12/13/2000	cis-1,2-Dichloroethene	3.1	ug/L	70	7	
	4/3/2001	cis-1,2-Dichloroethene	16	ug/L	70	7	PAL
	6/13/2001	cis-1,2-Dichloroethene	8.1	ug/L	70	7	PAL
	10/1/2001	cis-1,2-Dichloroethene	4.8	ug/L	70	7	
	12/11/2001	cis-1,2-Dichloroethene	36	ug/L	70	7	PAL
	3/19/2002	cis-1,2-Dichloroethene	1.4	ug/L	70	7	
	6/12/2002	cis-1,2-Dichloroethene	3.4	ug/L	70	7	
	9/11/2002	cis-1,2-Dichloroethene	3.6	ug/L	70	7	
	12/17/2002	cis-1,2-Dichloroethene	2	ug/L	70	7	
	3/19/2003	cis-1,2-Dichloroethene	0.84	ug/L	70	7	
	6/11/2003	cis-1,2-Dichloroethene	1.3	ug/L	70	7	
	9/9/2003	cis-1,2-Dichloroethene	2.4	ug/L	70	7	
	12/15/2003	cis-1,2-Dichloroethene	1.2	ug/L	70	7	
	3/23/2004	cis-1,2-Dichloroethene	1.2	ug/L	70	7	
	6/23/2004	cis-1,2-Dichloroethene	7.4	ug/L	70	7	PAL
	9/22/2004	cis-1,2-Dichloroethene	4.5	ug/L	70	7	
	12/9/2004	cis-1,2-Dichloroethene	1.9	ug/L	70	7	
	6/12/2002	Iron	930	ug/L	0.3	0.15	ES
	12/13/2000	Lead - Dissolved	0.49	ug/L	15	1.5	
	12/13/2000	Methylene chloride	0.5	ug/L	5	0.5	
	6/13/2001	Methylene chloride	0.72	ug/L	5	0.5	PAL
	6/11/2003	Methylene Chloride	0.77	ug/L	5	0.5	PAL
	4/3/2001	Nitrogen, nitrate	0.52	mg/L	10	2	
	6/13/2001	Nitrogen, nitrate	0.18	mg/L	10	2	
	3/19/2002	Nitrogen, nitrate	0.21	mg/L	10	2	
	6/12/2002	Nitrogen, nitrate	0.36	mg/L	10	2	
	12/15/2003	Nitrogen, Nitrate	0.51	mg/L	10	2	
	3/23/2004	Nitrogen, Nitrate	0.44	mg/L	10	2	
	6/23/2004	Nitrogen, Nitrate	1.2	mg/L	10	2	
	9/22/2004	Nitrogen, Nitrate	0.17	mg/L	10	2	
	3/23/2004	Redox Potential	19	mV			
	9/22/2004	Redox Potential	43	mV			

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/9/2004	Redox Potential	111	mV			
	6/19/2000	Selenium - Dissolved	1	ug/L	50	10	
	12/13/2000	Selenium - Dissolved	1.2	ug/L	50	10	
	6/13/2001	Tetrachloroethene	1.1	ug/L	5	0.5	PAL
	1/25/2000	trans-1,2-Dichloroethene	3.5	ug/L	100	20	
	3/24/2000	trans-1,2-Dichloroethene	2.6	ug/L	100	20	
	6/19/2000	trans-1,2-Dichloroethene	3	ug/L	100	20	
	9/12/2000	trans-1,2-Dichloroethene	5.8	ug/L	100	20	
	12/13/2000	trans-1,2-Dichloroethene	5.1	ug/L	100	20	
	4/3/2001	trans-1,2-Dichloroethene	2.1	ug/L	100	20	
	6/13/2001	trans-1,2-Dichloroethene	3	ug/L	100	20	
	10/1/2001	trans-1,2-Dichloroethene	6.1	ug/L	100	20	
	12/11/2001	trans-1,2-Dichloroethene	7.3	ug/L	100	20	
	3/19/2002	trans-1,2-Dichloroethene	1.6	ug/L	100	20	
	9/11/2002	trans-1,2-Dichloroethene	4.9	ug/L	100	20	
	12/17/2002	trans-1,2-Dichloroethene	7.8	ug/L	100	20	
	3/19/2003	trans-1,2-Dichloroethene	1.7	ug/L	100	20	
	6/11/2003	trans-1,2-Dichloroethene	1.7	ug/L	100	20	
	9/9/2003	trans-1,2-Dichloroethene	3.5	ug/L	100	20	
	12/15/2003	trans-1,2-Dichloroethene	2.6	ug/L	100	20	
	3/23/2004	trans-1,2-Dichloroethene	1	ug/L	100	20	
	9/22/2004	trans-1,2-Dichloroethene	3.1	ug/L	100	20	
	12/9/2004	trans-1,2-Dichloroethene	2.6	ug/L	100	20	
	1/25/2000	Trichloroethene	3.8	ug/L	5	0.5	PAL
	3/24/2000	Trichloroethene	32	ug/L	5	0.5	ES
	6/19/2000	Trichloroethene	13	ug/L	5	0.5	ES
	9/12/2000	Trichloroethene	9.9	ug/L	5	0.5	ES
	12/13/2000	Trichloroethene	6.2	ug/L	5	0.5	ES
	4/3/2001	Trichloroethene	7.7	ug/L	5	0.5	ES
	6/13/2001	Trichloroethene	10	ug/L	5	0.5	ES
	10/1/2001	Trichloroethene	4.6	ug/L	5	0.5	PAL
	12/11/2001	Trichloroethene	27	ug/L	5	0.5	ES
	3/19/2002	Trichloroethene	8.5	ug/L	5	0.5	ES
	6/12/2002	Trichloroethene	4.2	ug/L	5	0.5	PAL
	9/11/2002	Trichloroethene	8.2	ug/L	5	0.5	ES
	12/17/2002	Trichloroethene	2.1	ug/L	5	0.5	PAL
	3/19/2003	Trichloroethene	4	ug/L	5	0.5	PAL
	6/11/2003	Trichloroethene	1.7	ug/L	5	0.5	PAL
	9/9/2003	Trichloroethene	8.4	ug/L	5	0.5	ES
	12/15/2003	Trichloroethene	4.1	ug/L	5	0.5	PAL
	3/23/2004	Trichloroethene	2.8	ug/L	5	0.5	PAL
	6/23/2004	Trichloroethene	2.8	ug/L	5	0.5	PAL
	9/22/2004	Trichloroethene	10	ug/L	5	0.5	ES
	12/9/2004	Trichloroethene	1.2	ug/L	5	0.5	PAL
	1/25/2000	Vinyl chloride	1.2	ug/L	0.2	0.02	ES
	6/19/2000	Vinyl chloride	1	ug/L	0.2	0.02	ES
	9/12/2000	Vinyl chloride	2.5	ug/L	0.2	0.02	ES
	12/13/2000	Vinyl chloride	2	ug/L	0.2	0.02	ES
	4/3/2001	Vinyl chloride	1.6	ug/L	0.2	0.02	ES
	6/13/2001	Vinyl chloride	1.9	ug/L	0.2	0.02	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	10/1/2001	Vinyl chloride	2.2	ug/L	0.2	0.02	ES
	12/11/2001	Vinyl chloride	15	ug/L	0.2	0.02	ES
	3/19/2002	Vinyl chloride	0.84	ug/L	0.2	0.02	ES
	6/12/2002	Vinyl chloride	0.93	ug/L	0.2	0.02	ES
	9/11/2002	Vinyl chloride	1.9	ug/L	0.2	0.02	ES
	12/17/2002	Vinyl chloride	1.2	ug/L	0.2	0.02	ES
	3/19/2003	Vinyl Chloride	1.4	ug/L	0.2	0.02	ES
	9/9/2003	Vinyl Chloride	1.7	ug/L	0.2	0.02	ES
	12/15/2003	Vinyl Chloride	1.5	ug/L	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	0.73	ug/L	0.2	0.02	ES
	6/23/2004	Vinyl Chloride	2.1	ug/L	0.2	0.02	ES
	9/22/2004	Vinyl Chloride	4.5	ug/L	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	3.3	ug/L	0.2	0.02	ES
P2B							
	1/25/2000	1,1,1-Trichloroethane	3.1	ug/L	200	40	
	3/24/2000	1,1,1-Trichloroethane	4.8	ug/L	200	40	
	12/13/2000	1,1,1-Trichloroethane	3.2	ug/L	200	40	
	4/3/2001	1,1,1-Trichloroethane	2.5	ug/L	200	40	
	6/13/2001	1,1,1-Trichloroethane	2.4	ug/L	200	40	
	1/25/2000	1,1-Dichloroethane	22	ug/L	850	85	
	3/24/2000	1,1-Dichloroethane	26	ug/L	850	85	
	6/19/2000	1,1-Dichloroethane	25	ug/L	850	85	
	9/12/2000	1,1-Dichloroethane	24	ug/L	850	85	
	12/13/2000	1,1-Dichloroethane	22	ug/L	850	85	
	4/3/2001	1,1-Dichloroethane	19	ug/L	850	85	
	6/13/2001	1,1-Dichloroethane	18	ug/L	850	85	
	10/1/2001	1,1-Dichloroethane	16	ug/L	850	85	
	12/11/2001	1,1-Dichloroethane	18	ug/L	850	85	
	3/19/2002	1,1-Dichloroethane	18	ug/L	850	85	
	6/12/2002	1,1-Dichloroethane	14	ug/L	850	85	
	9/11/2002	1,1-Dichloroethane	19	ug/L	850	85	
	12/17/2002	1,1-Dichloroethane	23	ug/L	850	85	
	3/19/2003	1,1-Dichloroethane	20	ug/L	850	85	
	6/11/2003	1,1-Dichloroethane	25	ug/L	850	85	
	9/9/2003	1,1-Dichloroethane	26	ug/L	850	85	
	12/15/2003	1,1-Dichloroethane	17	ug/L	850	85	
	3/23/2004	1,1-Dichloroethane	18	ug/L	850	85	
	6/23/2004	1,1-Dichloroethane	14	ug/L	850	85	
	9/22/2004	1,1-Dichloroethane	17	ug/L	850	85	
	12/9/2004	1,1-Dichloroethane	14	ug/L	850	85	
	3/24/2000	1,1-Dichloroethene	2.9	ug/L	7	0.7	PAL
	6/19/2000	1,1-Dichloroethene	3	ug/L	7	0.7	PAL
	12/13/2000	1,1-Dichloroethene	2.2	ug/L	7	0.7	PAL
	9/9/2003	1,1-Dichloroethene	4.2	ug/L	7	0.7	PAL
	9/22/2004	1,1-Dichloroethene	3.1	ug/L	7	0.7	PAL
	3/23/2004	Acetone	36	ug/L	1000	200	
	1/25/2000	Alkalinity as CaCO3	390	mg/L			
	6/19/2000	Alkalinity as CaCO3	360	mg/L			
	12/13/2000	Alkalinity as CaCO3	390	mg/L			
	6/19/2000	Arsenic - Dissolved	1	ug/L	50	5	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/13/2000	Arsenic - Dissolved	1.2	ug/L	50	5	
	1/25/2000	Barium - Dissolved	77	ug/L	2000	400	
	3/24/2000	Barium - Dissolved	72	ug/L	2000	400	
	6/19/2000	Barium - Dissolved	67	ug/L	2000	400	
	12/13/2000	Barium - Dissolved	70	ug/L	2000	400	
	3/24/2000	Cadmium - Dissolved	1.1	ug/L	5	0.5	PAL
	1/25/2000	Chloride	93	mg/L	250	125	
	3/24/2000	Chloride	110	mg/L	250	125	
	6/19/2000	Chloride	97	mg/L	250	125	
	12/13/2000	Chloride	99	mg/L	250	125	
	4/3/2001	Chloride	100	mg/L	250	125	
	6/13/2001	Chloride	90	mg/L	250	125	
	10/1/2001	Chloride	88	mg/L	250	125	
	12/11/2001	Chloride	110	mg/L	250	125	
	3/19/2002	Chloride	110	mg/L	250	125	
	6/12/2002	Chloride	120	mg/L	250	125	
	9/11/2002	Chloride	140	mg/L	250	125	PAL
	12/17/2002	Chloride	140	mg/L	250	125	PAL
	3/19/2003	Chloride	170	mg/L	250	125	PAL
	6/11/2003	Chloride	150	mg/L	250	125	PAL
	9/9/2003	Chloride	170	mg/L	250	125	PAL
	12/15/2003	Chloride	140	mg/L	250	125	PAL
	3/23/2004	Chloride	150	mg/L	250	125	PAL
	6/23/2004	Chloride	110	mg/L	250	125	
	9/22/2004	Chloride	140	mg/L	250	125	PAL
	12/9/2004	Chloride	110	mg/L	250	125	
	3/24/2000	Chloroethane	15	ug/L	400	80	
	6/19/2000	Chloroethane	17	ug/L	400	80	
	9/12/2000	Chloroethane	14	ug/L	400	80	
	12/13/2000	Chloroethane	13	ug/L	400	80	
	4/3/2001	Chloroethane	10	ug/L	400	80	
	6/13/2001	Chloroethane	8.5	ug/L	400	80	
	10/1/2001	Chloroethane	7.9	ug/L	400	80	
	12/11/2001	Chloroethane	11	ug/L	400	80	
	3/19/2002	Chloroethane	8.3	ug/L	400	80	
	9/11/2002	Chloroethane	9.4	ug/L	400	80	
	9/9/2003	Chloroethane	7.4	ug/L	400	80	
	12/15/2003	Chloroethane	7.1	ug/L	400	80	
	3/23/2004	Chloroethane	5.7	ug/L	400	80	
	9/22/2004	Chloroethane	6.6	ug/L	400	80	
	1/25/2000	Chromium - Dissolved	1.6	ug/L	100	10	
	3/24/2000	Chromium - Dissolved	1.7	ug/L	100	10	
	12/13/2000	Chromium - Dissolved	0.64	ug/L	100	10	
	1/25/2000	cis-1,2-Dichloroethene	530	ug/L	70	7	ES
	3/24/2000	cis-1,2-Dichloroethene	470	ug/L	70	7	ES
	6/19/2000	cis-1,2-Dichloroethene	600	ug/L	70	7	ES
	9/12/2000	cis-1,2-Dichloroethene	490	ug/L	70	7	ES
	12/13/2000	cis-1,2-Dichloroethene	570	ug/L	70	7	ES
	4/3/2001	cis-1,2-Dichloroethene	520	ug/L	70	7	ES
	6/13/2001	cis-1,2-Dichloroethene	480	ug/L	70	7	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	10/1/2001	cis-1,2-Dichloroethene	470	ug/L	70	7	ES
	12/11/2001	cis-1,2-Dichloroethene	520	ug/L	70	7	ES
	3/19/2002	cis-1,2-Dichloroethene	520	ug/L	70	7	ES
	6/12/2002	cis-1,2-Dichloroethene	440	ug/L	70	7	ES
	9/11/2002	cis-1,2-Dichloroethene	540	ug/L	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	540	ug/L	70	7	ES
	3/19/2003	cis-1,2-Dichloroethene	530	ug/L	70	7	ES
	6/11/2003	cis-1,2-Dichloroethene	530	ug/L	70	7	ES
	9/9/2003	cis-1,2-Dichloroethene	600	ug/L	70	7	ES
	12/15/2003	cis-1,2-Dichloroethene	400	ug/L	70	7	ES
	3/23/2004	cis-1,2-Dichloroethene	450	ug/L	70	7	ES
	6/23/2004	cis-1,2-Dichloroethene	410	ug/L	70	7	ES
	9/22/2004	cis-1,2-Dichloroethene	450	ug/L	70	7	ES
	12/9/2004	cis-1,2-Dichloroethene	450	ug/L	70	7	ES
	1/25/2000	Ethane	23	ug/l			
	3/24/2000	Ethane	24	ug/l			
	6/19/2000	Ethane	24	ug/l			
	12/13/2000	Ethane	22	ug/l			
	4/3/2001	Ethane	16	ug/l			
	6/13/2001	Ethane	12	ug/l			
	10/1/2001	Ethane	15	ug/l			
	12/11/2001	Ethane	18	ug/l			
	3/19/2002	Ethane	17	ug/l			
	6/12/2002	Ethane	11	ug/l			
	9/11/2002	Ethane	15	ug/l			
	12/17/2002	Ethane	12	ug/l			
	3/19/2003	Ethane	18	ug/l			
	6/11/2003	Ethane	16	ug/l			
	9/9/2003	Ethane	15	ug/l			
	3/23/2004	Ethane	21	ug/L			
	9/22/2004	Ethane	10	ug/L			
	1/25/2000	Ethene	6.4	ug/l			
	3/24/2000	Ethene	7.7	ug/l			
	3/19/2003	Ethene	11	ug/l			
	3/23/2004	Ethene	13	ug/L			
	6/12/2002	Iron	190	ug/L	0.3	0.15	ES
	1/25/2000	Nitrogen, nitrate	0.15	mg/L	10	2	
	3/24/2000	Nitrogen, nitrate	0.13	mg/L	10	2	
	4/3/2001	Nitrogen, nitrate	0.2	mg/L	10	2	
	6/13/2001	Nitrogen, nitrate	0.22	mg/L	10	2	
	12/11/2001	Nitrogen, nitrate	0.17	mg/L	10	2	
	3/19/2002	Nitrogen, nitrate	0.21	mg/L	10	2	
	6/12/2002	Nitrogen, nitrate	0.24	mg/L	10	2	
	3/19/2003	Nitrogen, Nitrate	0.59	mg/L	10	2	
	9/9/2003	Nitrogen, Nitrate	0.1	mg/L	10	2	
	12/15/2003	Nitrogen, Nitrate	0.47	mg/L	10	2	
	3/23/2004	Nitrogen, Nitrate	0.25	mg/L	10	2	
	6/23/2004	Nitrogen, Nitrate	0.28	mg/L	10	2	
	9/22/2004	Nitrogen, Nitrate	0.2	mg/L	10	2	
	12/9/2004	Nitrogen, Nitrate	0.22	mg/L	10	2	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/15/2003	Redox Potential	21	mV			
	3/23/2004	Redox Potential	81	mV			
	9/22/2004	Redox Potential	78	mV			
	12/9/2004	Redox Potential	90	mV			
	6/19/2000	Selenium - Dissolved	1	ug/L	50	10	
	12/13/2000	Selenium - Dissolved	0.62	ug/L	50	10	
	4/3/2001	Toluene	1.4	ug/L	1000	200	
	4/3/2001	Toluene	1.4	ug/L	1000	200	
	1/25/2000	trans-1,2-Dichloroethene	9.8	ug/L	100	20	
	3/24/2000	trans-1,2-Dichloroethene	12	ug/L	100	20	
	6/19/2000	trans-1,2-Dichloroethene	12	ug/L	100	20	
	9/12/2000	trans-1,2-Dichloroethene	21	ug/L	100	20	PAL
	12/13/2000	trans-1,2-Dichloroethene	15	ug/L	100	20	
	4/3/2001	trans-1,2-Dichloroethene	15	ug/L	100	20	
	6/13/2001	trans-1,2-Dichloroethene	9.8	ug/L	100	20	
	10/1/2001	trans-1,2-Dichloroethene	9.2	ug/L	100	20	
	12/11/2001	trans-1,2-Dichloroethene	13	ug/L	100	20	
	3/19/2002	trans-1,2-Dichloroethene	9.4	ug/L	100	20	
	6/12/2002	trans-1,2-Dichloroethene	11	ug/L	100	20	
	9/11/2002	trans-1,2-Dichloroethene	9.2	ug/L	100	20	
	12/17/2002	trans-1,2-Dichloroethene	7.8	ug/L	100	20	
	3/19/2003	trans-1,2-Dichloroethene	9.8	ug/L	100	20	
	6/11/2003	trans-1,2-Dichloroethene	10	ug/L	100	20	
	9/9/2003	trans-1,2-Dichloroethene	11	ug/L	100	20	
	12/15/2003	trans-1,2-Dichloroethene	6.1	ug/L	100	20	
	3/23/2004	trans-1,2-Dichloroethene	8.7	ug/L	100	20	
	6/23/2004	trans-1,2-Dichloroethene	6.2	ug/L	100	20	
	9/22/2004	trans-1,2-Dichloroethene	7.6	ug/L	100	20	
	12/9/2004	trans-1,2-Dichloroethene	8.2	ug/L	100	20	
	1/25/2000	Trichloroethene	210	ug/L	5	0.5	ES
	3/24/2000	Trichloroethene	170	ug/L	5	0.5	ES
	6/19/2000	Trichloroethene	210	ug/L	5	0.5	ES
	9/12/2000	Trichloroethene	170	ug/L	5	0.5	ES
	12/13/2000	Trichloroethene	200	ug/L	5	0.5	ES
	4/3/2001	Trichloroethene	190	ug/L	5	0.5	ES
	6/13/2001	Trichloroethene	170	ug/L	5	0.5	ES
	10/1/2001	Trichloroethene	150	ug/L	5	0.5	ES
	12/11/2001	Trichloroethene	170	ug/L	5	0.5	ES
	3/19/2002	Trichloroethene	140	ug/L	5	0.5	ES
	6/12/2002	Trichloroethene	150	ug/L	5	0.5	ES
	9/11/2002	Trichloroethene	180	ug/L	5	0.5	ES
	12/17/2002	Trichloroethene	160	ug/L	5	0.5	ES
	3/19/2003	Trichloroethene	190	ug/L	5	0.5	ES
	6/11/2003	Trichloroethene	150	ug/L	5	0.5	ES
	9/9/2003	Trichloroethene	170	ug/L	5	0.5	ES
	12/15/2003	Trichloroethene	120	ug/L	5	0.5	ES
	3/23/2004	Trichloroethene	120	ug/L	5	0.5	ES
	6/23/2004	Trichloroethene	100	ug/L	5	0.5	ES
	9/22/2004	Trichloroethene	110	ug/L	5	0.5	ES
	12/9/2004	Trichloroethene	110	ug/L	5	0.5	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	1/25/2000	Vinyl chloride	370	ug/L	0.2	0.02	ES
	3/24/2000	Vinyl chloride	340	ug/L	0.2	0.02	ES
	6/19/2000	Vinyl chloride	450	ug/L	0.2	0.02	ES
	9/12/2000	Vinyl chloride	340	ug/L	0.2	0.02	ES
	12/13/2000	Vinyl chloride	390	ug/L	0.2	0.02	ES
	4/3/2001	Vinyl chloride	330	ug/L	0.2	0.02	ES
	6/13/2001	Vinyl chloride	330	ug/L	0.2	0.02	ES
	10/1/2001	Vinyl chloride	300	ug/L	0.2	0.02	ES
	12/11/2001	Vinyl chloride	400	ug/L	0.2	0.02	ES
	3/19/2002	Vinyl chloride	310	ug/L	0.2	0.02	ES
	6/12/2002	Vinyl chloride	290	ug/L	0.2	0.02	ES
	9/11/2002	Vinyl chloride	360	ug/L	0.2	0.02	ES
	12/17/2002	Vinyl chloride	390	ug/L	0.2	0.02	ES
	3/19/2003	Vinyl Chloride	250	ug/L	0.2	0.02	ES
	6/11/2003	Vinyl Chloride	360	ug/L	0.2	0.02	ES
	9/9/2003	Vinyl Chloride	460	ug/L	0.2	0.02	ES
	12/15/2003	Vinyl Chloride	290	ug/L	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	350	ug/L	0.2	0.02	ES
	6/23/2004	Vinyl Chloride	270	ug/L	0.2	0.02	ES
	9/22/2004	Vinyl Chloride	380	ug/L	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	300	ug/L	0.2	0.02	ES
P2BD							
	9/12/2000	1,1-Dichloroethane	23	ug/L	850	85	
	10/1/2001	1,1-Dichloroethane	16	ug/L	850	85	
	12/11/2001	1,1-Dichloroethane	28	ug/L	850	85	
	10/1/2001	Chloride	85	mg/L	250	125	
	12/11/2001	Chloride	300	mg/L	250	125	ES
	9/12/2000	Chloroethane	17	ug/L	400	80	
	10/1/2001	Chloroethane	7.9	ug/L	400	80	
	9/12/2000	cis-1,2-Dichloroethene	500	ug/L	70	7	ES
	10/1/2001	cis-1,2-Dichloroethene	440	ug/L	70	7	ES
	12/11/2001	cis-1,2-Dichloroethene	51	ug/L	70	7	PAL
	10/1/2001	Ethane	17	ug/l			
	9/12/2000	trans-1,2-Dichloroethene	14	ug/L	100	20	
	10/1/2001	trans-1,2-Dichloroethene	8.2	ug/L	100	20	
	12/11/2001	trans-1,2-Dichloroethene	7	ug/L	100	20	
	9/12/2000	Trichloroethene	170	ug/L	5	0.5	ES
	10/1/2001	Trichloroethene	130	ug/L	5	0.5	ES
	12/11/2001	Trichloroethene	31	ug/L	5	0.5	ES
	9/12/2000	Vinyl chloride	360	ug/L	0.2	0.02	ES
	10/1/2001	Vinyl chloride	290	ug/L	0.2	0.02	ES
	12/11/2001	Vinyl chloride	23	ug/L	0.2	0.02	ES
P3B							
	1/25/2000	Alkalinity as CaCO3	290	mg/L			
	6/19/2000	Alkalinity as CaCO3	260	mg/L			
	12/13/2000	Alkalinity as CaCO3	280	mg/L			
	12/13/2000	Arsenic - Dissolved	0.38	ug/L	50	5	
	1/25/2000	Barium - Dissolved	44	ug/L	2000	400	
	3/23/2000	Barium - Dissolved	45	ug/L	2000	400	
	6/19/2000	Barium - Dissolved	42	ug/L	2000	400	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/13/2000	Barium - Dissolved	43	ug/L	2000	400	
	1/25/2000	Chloride	21	mg/L	250	125	
	6/19/2000	Chloride	24	mg/L	250	125	
	12/13/2000	Chloride	24	mg/L	250	125	
	4/3/2001	Chloride	25	mg/L	250	125	
	6/13/2001	Chloride	28	mg/L	250	125	
	10/1/2001	Chloride	26	mg/L	250	125	
	3/19/2002	Chloride	29	mg/L	250	125	
	9/11/2002	Chloride	31	mg/L	250	125	
	3/19/2003	Chloride	32	mg/L	250	125	
	9/9/2003	Chloride	36	mg/L	250	125	
	12/15/2003	Chloride	33	mg/L	250	125	
	3/23/2004	Chloride	34	mg/L	250	125	
	9/22/2004	Chloride	35	mg/L	250	125	
	1/25/2000	Chromium - Dissolved	1	ug/L	100	10	
	3/23/2000	Chromium - Dissolved	0.56	ug/L	100	10	
	12/13/2000	Chromium - Dissolved	0.51	ug/L	100	10	
	3/23/2000	cis-1,2-Dichloroethene	0.48	ug/L	70	7	
	12/13/2000	Methylene chloride	0.4	ug/L	5	0.5	
	1/25/2000	Nitrogen, nitrate	4.6	mg/L	10	2	PAL
	6/19/2000	Nitrogen, nitrate	4	mg/L	10	2	PAL
	4/3/2001	Nitrogen, nitrate	4.3	mg/L	10	2	PAL
	6/13/2001	Nitrogen, nitrate	4.7	mg/L	10	2	PAL
	3/19/2002	Nitrogen, nitrate	4.1	mg/L	10	2	PAL
	9/11/2002	Nitrogen, nitrate	4.3	mg/L	10	2	PAL
	3/19/2003	Nitrogen, Nitrate	4.1	mg/L	10	2	PAL
	9/9/2003	Nitrogen, Nitrate	4.8	mg/L	10	2	PAL
	12/15/2003	Nitrogen, Nitrate	4.3	mg/L	10	2	PAL
	3/23/2004	Nitrogen, Nitrate	4.5	mg/L	10	2	PAL
	9/22/2004	Nitrogen, Nitrate	4.6	mg/L	10	2	PAL
	12/15/2003	Redox Potential	99	mV			
	3/23/2004	Redox Potential	127	mV			
	9/22/2004	Redox Potential	125	mV			
	6/19/2000	Selenium - Dissolved	2	ug/L	50	10	
	12/13/2000	Selenium - Dissolved	1.6	ug/L	50	10	
	1/25/2000	Tetrachloroethene	1.2	ug/L	5	0.5	PAL
	3/23/2000	Tetrachloroethene	1.3	ug/L	5	0.5	PAL
	6/19/2000	Tetrachloroethene	1	ug/L	5	0.5	PAL
	9/12/2000	Tetrachloroethene	1.6	ug/L	5	0.5	PAL
	12/13/2000	Tetrachloroethene	2.2	ug/L	5	0.5	PAL
	4/3/2001	Tetrachloroethene	1.6	ug/L	5	0.5	PAL
	6/13/2001	Tetrachloroethene	2.3	ug/L	5	0.5	PAL
	10/1/2001	Tetrachloroethene	1.5	ug/L	5	0.5	PAL
	3/19/2002	Tetrachloroethene	1.7	ug/L	5	0.5	PAL
	9/11/2002	Tetrachloroethene	1.6	ug/L	5	0.5	PAL
	3/19/2003	Tetrachloroethene	2	ug/L	5	0.5	PAL
	9/9/2003	Tetrachloroethene	2.3	ug/L	5	0.5	PAL
	12/15/2003	Tetrachloroethene	1.7	ug/L	5	0.5	PAL
	3/23/2004	Tetrachloroethene	1.6	ug/L	5	0.5	PAL
	9/22/2004	Tetrachloroethene	2.1	ug/L	5	0.5	PAL

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	1/25/2000	Trichloroethene	35	ug/L	5	0.5	ES
	3/23/2000	Trichloroethene	32	ug/L	5	0.5	ES
	6/19/2000	Trichloroethene	37	ug/L	5	0.5	ES
	9/12/2000	Trichloroethene	36	ug/L	5	0.5	ES
	12/13/2000	Trichloroethene	38	ug/L	5	0.5	ES
	4/3/2001	Trichloroethene	42	ug/L	5	0.5	ES
	6/13/2001	Trichloroethene	40	ug/L	5	0.5	ES
	10/1/2001	Trichloroethene	36	ug/L	5	0.5	ES
	3/19/2002	Trichloroethene	37	ug/L	5	0.5	ES
	9/11/2002	Trichloroethene	48	ug/L	5	0.5	ES
	3/19/2003	Trichloroethene	52	ug/L	5	0.5	ES
	9/9/2003	Trichloroethene	53	ug/L	5	0.5	ES
	12/15/2003	Trichloroethene	46	ug/L	5	0.5	ES
	3/23/2004	Trichloroethene	45	ug/L	5	0.5	ES
	9/22/2004	Trichloroethene	46	ug/L	5	0.5	ES
P3BD							
	6/19/2000	Alkalinity as CaCO3	290	mg/L			
	6/19/2000	Barium - Dissolved	42	ug/L	2000	400	
	6/19/2000	Chloride	24	mg/L	250	125	
	6/13/2001	Chloride	28	mg/L	250	125	
	6/13/2001	Methylene chloride	0.42	ug/L	5	0.5	
	6/19/2000	Nitrogen, nitrate	4	mg/L	10	2	PAL
	6/13/2001	Nitrogen, nitrate	4.7	mg/L	10	2	PAL
	6/19/2000	Selenium - Dissolved	1	ug/L	50	10	
	6/19/2000	Tetrachloroethene	1	ug/L	5	0.5	PAL
	6/13/2001	Tetrachloroethene	2.5	ug/L	5	0.5	PAL
	6/19/2000	Trichloroethene	34	ug/L	5	0.5	ES
	6/13/2001	Trichloroethene	41	ug/L	5	0.5	ES
P4B							
	1/26/2000	Alkalinity as CaCO3	350	mg/L			
	6/19/2000	Alkalinity as CaCO3	310	mg/L			
	12/13/2000	Alkalinity as CaCO3	350	mg/L			
	12/13/2000	Arsenic - Dissolved	0.62	ug/L	50	5	
	1/26/2000	Barium - Dissolved	46	ug/L	2000	400	
	3/23/2000	Barium - Dissolved	45	ug/L	2000	400	
	6/19/2000	Barium - Dissolved	44	ug/L	2000	400	
	12/13/2000	Barium - Dissolved	44	ug/L	2000	400	
	1/26/2000	Chloride	32	mg/L	250	125	
	6/19/2000	Chloride	37	mg/L	250	125	
	12/13/2000	Chloride	42	mg/L	250	125	
	4/3/2001	Chloride	49	mg/L	250	125	
	6/13/2001	Chloride	44	mg/L	250	125	
	10/2/2001	Chloride	47	mg/L	250	125	
	12/11/2001	Chloride	47	mg/L	250	125	
	3/19/2002	Chloride	42	mg/L	250	125	
	6/12/2002	Chloride	48	mg/L	250	125	
	9/11/2002	Chloride	50	mg/L	250	125	
	12/17/2002	Chloride	45	mg/L	250	125	
	3/24/2003	Chloride	49	mg/L	250	125	
	6/11/2003	Chloride	55	mg/L	250	125	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	9/9/2003	Chloride	52	mg/L	250	125	
	12/15/2003	Chloride	54	mg/L	250	125	
	3/23/2004	Chloride	55	mg/L	250	125	
	6/29/2004	Chloride	53	mg/L	250	125	
	9/22/2004	Chloride	59	mg/L	250	125	
	12/9/2004	Chloride	57	mg/L	250	125	
	1/26/2000	Chromium - Dissolved	1	ug/L	100	10	
	3/23/2000	Chromium - Dissolved	0.95	ug/L	100	10	
	12/13/2000	Chromium - Dissolved	0.73	ug/L	100	10	
	1/26/2000	cis-1,2-Dichloroethene	0.95	ug/L	70	7	
	3/23/2000	cis-1,2-Dichloroethene	0.66	ug/L	70	7	
	6/19/2000	cis-1,2-Dichloroethene	2	ug/L	70	7	
	9/12/2000	cis-1,2-Dichloroethene	4.2	ug/L	70	7	
	12/13/2000	cis-1,2-Dichloroethene	1.2	ug/L	70	7	
	4/3/2001	cis-1,2-Dichloroethene	3.9	ug/L	70	7	
	6/13/2001	cis-1,2-Dichloroethene	2.6	ug/L	70	7	
	10/2/2001	cis-1,2-Dichloroethene	1.2	ug/L	70	7	
	12/11/2001	cis-1,2-Dichloroethene	2.9	ug/L	70	7	
	3/19/2002	cis-1,2-Dichloroethene	3	ug/L	70	7	
	9/11/2002	cis-1,2-Dichloroethene	1.5	ug/L	70	7	
	12/17/2002	cis-1,2-Dichloroethene	1.7	ug/L	70	7	
	3/24/2003	cis-1,2-Dichloroethene	0.94	ug/L	70	7	
	6/11/2003	cis-1,2-Dichloroethene	3.7	ug/L	70	7	
	9/9/2003	cis-1,2-Dichloroethene	1.6	ug/L	70	7	
	12/15/2003	cis-1,2-Dichloroethene	4.2	ug/L	70	7	
	3/23/2004	cis-1,2-Dichloroethene	4.3	ug/L	70	7	
	9/22/2004	cis-1,2-Dichloroethene	4.4	ug/L	70	7	
	12/9/2004	cis-1,2-Dichloroethene	3.5	ug/L	70	7	
	6/12/2002	Iron	170	ug/L	0.3	0.15	ES
	6/13/2001	Methylene chloride	0.51	ug/L	5	0.5	PAL
	1/26/2000	Nitrogen, nitrate	4.4	mg/L	10	2	PAL
	6/19/2000	Nitrogen, nitrate	4	mg/L	10	2	PAL
	4/3/2001	Nitrogen, nitrate	4.8	mg/L	10	2	PAL
	6/13/2001	Nitrogen, nitrate	4.7	mg/L	10	2	PAL
	12/11/2001	Nitrogen, nitrate	5	mg/L	10	2	PAL
	3/19/2002	Nitrogen, nitrate	3.9	mg/L	10	2	PAL
	6/12/2002	Nitrogen, nitrate	4.3	mg/L	10	2	PAL
	9/11/2002	Nitrogen, nitrate	4.2	mg/L	10	2	PAL
	3/24/2003	Nitrogen, Nitrate	4.3	mg/L	10	2	PAL
	9/9/2003	Nitrogen, Nitrate	4.3	mg/L	10	2	PAL
	12/15/2003	Nitrogen, Nitrate	3.9	mg/L	10	2	PAL
	3/23/2004	Nitrogen, Nitrate	3.9	mg/L	10	2	PAL
	6/29/2004	Nitrogen, Nitrate	3.7	mg/L	10	2	PAL
	9/22/2004	Nitrogen, Nitrate	4	mg/L	10	2	PAL
	12/9/2004	Nitrogen, Nitrate	3.8	mg/L	10	2	PAL
	12/15/2003	Redox Potential	67	mV			
	3/23/2004	Redox Potential	106	mV			
	6/29/2004	Redox Potential	89	mV			
	9/22/2004	Redox Potential	94	mV			
	12/9/2004	Redox Potential	62	mV			

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	6/19/2000	Selenium - Dissolved	2	ug/L	50	10	
	12/13/2000	Selenium - Dissolved	1.4	ug/L	50	10	
	1/26/2000	Trichloroethene	1.2	ug/L	5	0.5	PAL
	3/23/2000	Trichloroethene	1.8	ug/L	5	0.5	PAL
	6/19/2000	Trichloroethene	3	ug/L	5	0.5	PAL
	9/12/2000	Trichloroethene	5.5	ug/L	5	0.5	ES
	12/13/2000	Trichloroethene	1.6	ug/L	5	0.5	PAL
	4/3/2001	Trichloroethene	5.7	ug/L	5	0.5	ES
	6/13/2001	Trichloroethene	3.8	ug/L	5	0.5	PAL
	10/2/2001	Trichloroethene	1.1	ug/L	5	0.5	PAL
	12/11/2001	Trichloroethene	4.3	ug/L	5	0.5	PAL
	3/19/2002	Trichloroethene	3.8	ug/L	5	0.5	PAL
	9/11/2002	Trichloroethene	2.8	ug/L	5	0.5	PAL
	12/17/2002	Trichloroethene	2.9	ug/L	5	0.5	PAL
	3/24/2003	Trichloroethene	0.83	ug/L	5	0.5	PAL
	6/11/2003	Trichloroethene	4.3	ug/L	5	0.5	PAL
	9/9/2003	Trichloroethene	2.3	ug/L	5	0.5	PAL
	12/15/2003	Trichloroethene	4.2	ug/L	5	0.5	PAL
	3/23/2004	Trichloroethene	4.1	ug/L	5	0.5	PAL
	9/22/2004	Trichloroethene	3.9	ug/L	5	0.5	PAL
	12/9/2004	Trichloroethene	2.7	ug/L	5	0.5	PAL
	6/19/2000	Vinyl chloride	1	ug/L	0.2	0.02	ES
	9/12/2000	Vinyl chloride	1.9	ug/L	0.2	0.02	ES
	12/13/2000	Vinyl chloride	0.89	ug/L	0.2	0.02	ES
	4/3/2001	Vinyl chloride	1.6	ug/L	0.2	0.02	ES
	6/13/2001	Vinyl chloride	1.2	ug/L	0.2	0.02	ES
	10/2/2001	Vinyl chloride	0.52	ug/L	0.2	0.02	ES
	12/11/2001	Vinyl chloride	0.88	ug/L	0.2	0.02	ES
	3/19/2002	Vinyl chloride	0.88	ug/L	0.2	0.02	ES
	9/11/2002	Vinyl chloride	0.47	ug/L	0.2	0.02	ES
	6/11/2003	Vinyl Chloride	1.9	ug/L	0.2	0.02	ES
	9/9/2003	Vinyl Chloride	0.53	ug/L	0.2	0.02	ES
	12/15/2003	Vinyl Chloride	1.6	ug/L	0.2	0.02	ES
	3/23/2004	Vinyl Chloride	1.8	ug/L	0.2	0.02	ES
	9/22/2004	Vinyl Chloride	1.7	ug/L	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	1.2	ug/L	0.2	0.02	ES
P7B							
	6/22/2000	Alkalinity as CaCO3	390	mg/L			
	12/13/2000	Alkalinity as CaCO3	390	mg/L			
	12/13/2000	Arsenic - Dissolved	0.33	ug/L	50	5	
	3/23/2000	Barium - Dissolved	83	ug/L	2000	400	
	6/22/2000	Barium - Dissolved	52	ug/L	2000	400	
	12/13/2000	Barium - Dissolved	46	ug/L	2000	400	
	6/22/2000	Chloride	6	mg/L	250	125	
	12/13/2000	Chloride	7.3	mg/L	250	125	
	4/5/2001	Chloride	7.2	mg/L	250	125	
	6/14/2001	Chloride	7.5	mg/L	250	125	
	10/4/2001	Chloride	5.8	mg/L	250	125	
	12/13/2001	Chloride	7.3	mg/L	250	125	
	3/20/2002	Chloride	6.9	mg/L	250	125	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	6/12/2002	Chloride	7.4	mg/L	250	125	
	9/12/2002	Chloride	7.3	mg/L	250	125	
	12/5/2002	Chloride	6.5	mg/L	250	125	
	3/24/2003	Chloride	6.8	mg/L	250	125	
	6/11/2003	Chloride	8.1	mg/L	250	125	
	9/10/2003	Chloride	7.4	mg/L	250	125	
	12/17/2003	Chloride	6.6	mg/L	250	125	
	3/23/2004	Chloride	7.1	mg/L	250	125	
	6/29/2004	Chloride	6.7	mg/L	250	125	
	9/23/2004	Chloride	7.6	mg/L	250	125	
	12/9/2004	Chloride	6.9	mg/L	250	125	
	12/13/2000	Chromium - Dissolved	0.37	ug/L	100	10	
	9/14/2000	cis-1,2-Dichloroethene	0.58	ug/L	70	7	
	12/13/2000	cis-1,2-Dichloroethene	0.53	ug/L	70	7	
	4/5/2001	cis-1,2-Dichloroethene	0.61	ug/L	70	7	
	6/14/2001	cis-1,2-Dichloroethene	0.88	ug/L	70	7	
	10/4/2001	cis-1,2-Dichloroethene	2.3	ug/L	70	7	
	12/13/2001	cis-1,2-Dichloroethene	1.6	ug/L	70	7	
	3/20/2002	cis-1,2-Dichloroethene	2.2	ug/L	70	7	
	6/12/2002	cis-1,2-Dichloroethene	2.5	ug/L	70	7	
	3/24/2003	cis-1,2-Dichloroethene	0.99	ug/L	70	7	
	12/17/2003	cis-1,2-Dichloroethene	2	ug/L	70	7	
	6/29/2004	cis-1,2-Dichloroethene	3.5	ug/L	70	7	
	9/23/2004	cis-1,2-Dichloroethene	1.6	ug/L	70	7	
	12/9/2004	cis-1,2-Dichloroethene	1.3	ug/L	70	7	
	6/12/2002	Iron	200	ug/L	0.3	0.15	ES
	4/5/2001	Nitrogen, nitrate	3.3	mg/L	10	2	PAL
	6/14/2001	Nitrogen, nitrate	3.4	mg/L	10	2	PAL
	12/13/2001	Nitrogen, nitrate	3.4	mg/L	10	2	PAL
	3/20/2002	Nitrogen, nitrate	3.2	mg/L	10	2	PAL
	6/12/2002	Nitrogen, nitrate	3.2	mg/L	10	2	PAL
	3/24/2003	Nitrogen, Nitrate	2.9	mg/L	10	2	PAL
	9/10/2003	Nitrogen, Nitrate	3	mg/L	10	2	PAL
	12/17/2003	Nitrogen, Nitrate	2.7	mg/L	10	2	PAL
	3/23/2004	Nitrogen, Nitrate	3.1	mg/L	10	2	PAL
	6/29/2004	Nitrogen, Nitrate	2.8	mg/L	10	2	PAL
	9/23/2004	Nitrogen, Nitrate	2.8	mg/L	10	2	PAL
	12/9/2004	Nitrogen, Nitrate	2.5	mg/L	10	2	PAL
	12/17/2003	Redox Potential	102	mV			
	3/23/2004	Redox Potential	141	mV			
	6/29/2004	Redox Potential	110	mV			
	9/23/2004	Redox Potential	107	mV			
	12/9/2004	Redox Potential	93	mV			
	6/22/2000	Selenium - Dissolved	1	ug/L	50	10	
	12/13/2000	Selenium - Dissolved	0.98	ug/L	50	10	
	3/23/2000	Trichloroethene	0.9	ug/L	5	0.5	PAL
	6/22/2000	Trichloroethene	1	ug/L	5	0.5	PAL
	9/14/2000	Trichloroethene	1.1	ug/L	5	0.5	PAL
	12/13/2000	Trichloroethene	0.75	ug/L	5	0.5	PAL
	4/5/2001	Trichloroethene	0.9	ug/L	5	0.5	PAL

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	6/14/2001	Trichloroethene	2.4	ug/L	5	0.5	PAL
	10/4/2001	Trichloroethene	5.5	ug/L	5	0.5	ES
	12/13/2001	Trichloroethene	4.3	ug/L	5	0.5	PAL
	3/20/2002	Trichloroethene	5.6	ug/L	5	0.5	ES
	6/12/2002	Trichloroethene	3.9	ug/L	5	0.5	PAL
	9/12/2002	Trichloroethene	1.9	ug/L	5	0.5	PAL
	3/24/2003	Trichloroethene	3.2	ug/L	5	0.5	PAL
	6/11/2003	Trichloroethene	0.83	ug/L	5	0.5	PAL
	9/10/2003	Trichloroethene	2.5	ug/L	5	0.5	PAL
	12/17/2003	Trichloroethene	4.4	ug/L	5	0.5	PAL
	6/29/2004	Trichloroethene	5.6	ug/L	5	0.5	ES
	9/23/2004	Trichloroethene	3.6	ug/L	5	0.5	PAL
	12/9/2004	Trichloroethene	1.2	ug/L	5	0.5	PAL
	12/13/2000	Vinyl chloride	0.35	ug/L	0.2	0.02	ES
	10/4/2001	Vinyl chloride	0.24	ug/L	0.2	0.02	ES
	12/9/2004	Vinyl Chloride	0.33	ug/L	0.2	0.02	ES
P8A							
	3/23/2000	1,1,1-Trichloroethane	12	ug/L	200	40	
	6/21/2000	1,1,1-Trichloroethane	10	ug/L	200	40	
	9/13/2000	1,1,1-Trichloroethane	13	ug/L	200	40	
	12/15/2000	1,1,1-Trichloroethane	12	ug/L	200	40	
	4/4/2001	1,1,1-Trichloroethane	14	ug/L	200	40	
	6/14/2001	1,1,1-Trichloroethane	15	ug/L	200	40	
	10/4/2001	1,1,1-Trichloroethane	14	ug/L	200	40	
	12/13/2001	1,1,1-Trichloroethane	8.2	ug/L	200	40	
	3/20/2002	1,1,1-Trichloroethane	13	ug/L	200	40	
	6/13/2002	1,1,1-Trichloroethane	12	ug/L	200	40	
	9/12/2002	1,1,1-Trichloroethane	14	ug/L	200	40	
	12/17/2002	1,1,1-Trichloroethane	16	ug/L	200	40	
	3/24/2003	1,1,1-Trichloroethane	12	ug/L	200	40	
	6/12/2003	1,1,1-Trichloroethane	11	ug/L	200	40	
	9/10/2003	1,1,1-Trichloroethane	11	ug/L	200	40	
	12/17/2003	1,1,1-Trichloroethane	8.7	ug/L	200	40	
	3/25/2004	1,1,1-Trichloroethane	5.3	ug/L	200	40	
	6/29/2004	1,1,1-Trichloroethane	5.1	ug/L	200	40	
	9/23/2004	1,1,1-Trichloroethane	3.8	ug/L	200	40	
	12/14/2004	1,1,1-Trichloroethane	5.4	ug/L	200	40	
	3/23/2000	1,1-Dichloroethane	35	ug/L	850	85	
	6/21/2000	1,1-Dichloroethane	38	ug/L	850	85	
	9/13/2000	1,1-Dichloroethane	41	ug/L	850	85	
	12/15/2000	1,1-Dichloroethane	43	ug/L	850	85	
	4/4/2001	1,1-Dichloroethane	49	ug/L	850	85	
	6/14/2001	1,1-Dichloroethane	52	ug/L	850	85	
	10/4/2001	1,1-Dichloroethane	47	ug/L	850	85	
	12/13/2001	1,1-Dichloroethane	30	ug/L	850	85	
	3/20/2002	1,1-Dichloroethane	49	ug/L	850	85	
	6/13/2002	1,1-Dichloroethane	38	ug/L	850	85	
	9/12/2002	1,1-Dichloroethane	51	ug/L	850	85	
	12/17/2002	1,1-Dichloroethane	47	ug/L	850	85	
	3/24/2003	1,1-Dichloroethane	42	ug/L	850	85	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	6/12/2003	1,1-Dichloroethane	41	ug/L	850	85	
	9/10/2003	1,1-Dichloroethane	40	ug/L	850	85	
	12/17/2003	1,1-Dichloroethane	33	ug/L	850	85	
	3/25/2004	1,1-Dichloroethane	23	ug/L	850	85	
	6/29/2004	1,1-Dichloroethane	20	ug/L	850	85	
	9/23/2004	1,1-Dichloroethane	13	ug/L	850	85	
	12/14/2004	1,1-Dichloroethane	25	ug/L	850	85	
	3/23/2000	1,1-Dichloroethene	3.9	ug/L	7	0.7	PAL
	6/21/2000	1,1-Dichloroethene	4	ug/L	7	0.7	PAL
	9/13/2000	1,1-Dichloroethene	3.7	ug/L	7	0.7	PAL
	12/15/2000	1,1-Dichloroethene	3.1	ug/L	7	0.7	PAL
	4/4/2001	1,1-Dichloroethene	3.9	ug/L	7	0.7	PAL
	6/14/2001	1,1-Dichloroethene	4.4	ug/L	7	0.7	PAL
	10/4/2001	1,1-Dichloroethene	4.2	ug/L	7	0.7	PAL
	12/13/2001	1,1-Dichloroethene	2.8	ug/L	7	0.7	PAL
	3/20/2002	1,1-Dichloroethene	4.7	ug/L	7	0.7	PAL
	6/13/2002	1,1-Dichloroethene	3.5	ug/L	7	0.7	PAL
	9/12/2002	1,1-Dichloroethene	3.9	ug/L	7	0.7	PAL
	12/17/2002	1,1-Dichloroethene	3.5	ug/L	7	0.7	PAL
	3/24/2003	1,1-Dichloroethene	3.8	ug/L	7	0.7	PAL
	6/12/2003	1,1-Dichloroethene	3.1	ug/L	7	0.7	PAL
	9/10/2003	1,1-Dichloroethene	2.8	ug/L	7	0.7	PAL
	12/17/2003	1,1-Dichloroethene	2.6	ug/L	7	0.7	PAL
	3/25/2004	1,1-Dichloroethene	2.1	ug/L	7	0.7	PAL
	6/29/2004	1,1-Dichloroethene	2	ug/L	7	0.7	PAL
	9/23/2004	1,1-Dichloroethene	1.3	ug/L	7	0.7	PAL
	12/14/2004	1,1-Dichloroethene	1.8	ug/L	7	0.7	PAL
	12/13/2001	Acetone	4.5	ug/L	1000	200	
	6/21/2000	Alkalinity as CaCO3	290	mg/L			
	12/15/2000	Alkalinity as CaCO3	290	mg/L			
	12/15/2000	Arsenic - Dissolved	0.38	ug/L	50	5	
	3/23/2000	Barium - Dissolved	120	ug/L	2000	400	
	6/21/2000	Barium - Dissolved	120	ug/L	2000	400	
	12/15/2000	Barium - Dissolved	100	ug/L	2000	400	
	6/21/2000	Chloride	50	mg/L	250	125	
	12/15/2000	Chloride	49	mg/L	250	125	
	4/4/2001	Chloride	55	mg/L	250	125	
	6/14/2001	Chloride	57	mg/L	250	125	
	10/4/2001	Chloride	39	mg/L	250	125	
	12/13/2001	Chloride	38	mg/L	250	125	
	3/20/2002	Chloride	65	mg/L	250	125	
	6/13/2002	Chloride	57	mg/L	250	125	
	9/12/2002	Chloride	58	mg/L	250	125	
	12/17/2002	Chloride	55	mg/L	250	125	
	3/24/2003	Chloride	61	mg/L	250	125	
	6/12/2003	Chloride	67	mg/L	250	125	
	9/10/2003	Chloride	62	mg/L	250	125	
	12/17/2003	Chloride	58	mg/L	250	125	
	3/25/2004	Chloride	59	mg/L	250	125	
	6/29/2004	Chloride	43	mg/L	250	125	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	9/23/2004	Chloride	49	mg/L	250	125	
	12/14/2004	Chloride	54	mg/L	250	125	
	6/14/2001	Chloroethane	0.57	ug/L	400	80	
	3/20/2002	Chloroethane	0.77	ug/L	400	80	
	3/23/2000	Chromium - Dissolved	0.59	ug/L	100	10	
	12/15/2000	Chromium - Dissolved	0.39	ug/L	100	10	
	3/23/2000	cis-1,2-Dichloroethene	120	ug/L	70	7	ES
	6/21/2000	cis-1,2-Dichloroethene	140	ug/L	70	7	ES
	9/13/2000	cis-1,2-Dichloroethene	150	ug/L	70	7	ES
	12/15/2000	cis-1,2-Dichloroethene	150	ug/L	70	7	ES
	4/4/2001	cis-1,2-Dichloroethene	160	ug/L	70	7	ES
	6/14/2001	cis-1,2-Dichloroethene	170	ug/L	70	7	ES
	10/4/2001	cis-1,2-Dichloroethene	160	ug/L	70	7	ES
	12/13/2001	cis-1,2-Dichloroethene	98	ug/L	70	7	ES
	3/20/2002	cis-1,2-Dichloroethene	160	ug/L	70	7	ES
	6/13/2002	cis-1,2-Dichloroethene	130	ug/L	70	7	ES
	9/12/2002	cis-1,2-Dichloroethene	160	ug/L	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	140	ug/L	70	7	ES
	3/24/2003	cis-1,2-Dichloroethene	130	ug/L	70	7	ES
	6/12/2003	cis-1,2-Dichloroethene	130	ug/L	70	7	ES
	9/10/2003	cis-1,2-Dichloroethene	140	ug/L	70	7	ES
	12/17/2003	cis-1,2-Dichloroethene	120	ug/L	70	7	ES
	3/25/2004	cis-1,2-Dichloroethene	110	ug/L	70	7	ES
	6/29/2004	cis-1,2-Dichloroethene	110	ug/L	70	7	ES
	9/23/2004	cis-1,2-Dichloroethene	78	ug/L	70	7	ES
	12/14/2004	cis-1,2-Dichloroethene	79	ug/L	70	7	ES
	6/13/2002	Iron	130	ug/L	0.3	0.15	ES
	4/4/2001	Nitrogen, nitrate	0.82	mg/L	10	2	
	6/14/2001	Nitrogen, nitrate	0.88	mg/L	10	2	
	12/13/2001	Nitrogen, nitrate	0.65	mg/L	10	2	
	3/20/2002	Nitrogen, nitrate	0.76	mg/L	10	2	
	6/13/2002	Nitrogen, nitrate	0.77	mg/L	10	2	
	3/24/2003	Nitrogen, Nitrate	1.1	mg/L	10	2	
	9/10/2003	Nitrogen, Nitrate	1.1	mg/L	10	2	
	12/17/2003	Nitrogen, Nitrate	1.2	mg/L	10	2	
	3/25/2004	Nitrogen, Nitrate	1	mg/L	10	2	
	6/29/2004	Nitrogen, Nitrate	0.92	mg/L	10	2	
	9/23/2004	Nitrogen, Nitrate	0.84	mg/L	10	2	
	12/14/2004	Nitrogen, Nitrate	0.86	mg/L	10	2	
	12/17/2003	Redox Potential	62	mV			
	3/25/2004	Redox Potential	141	mV			
	6/29/2004	Redox Potential	84	mV			
	9/23/2004	Redox Potential	89	mV			
	12/14/2004	Redox Potential	82	mV			
	6/21/2000	Selenium - Dissolved	2	ug/L	50	10	
	12/15/2000	Selenium - Dissolved	0.49	ug/L	50	10	
	3/23/2000	Tetrachloroethene	0.53	ug/L	5	0.5	PAL
	4/4/2001	Tetrachloroethene	0.91	ug/L	5	0.5	PAL
	6/14/2001	Tetrachloroethene	1.2	ug/L	5	0.5	PAL
	10/4/2001	Tetrachloroethene	0.7	ug/L	5	0.5	PAL

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	3/20/2002	Tetrachloroethene	0.6	ug/L	5	0.5	PAL
	3/24/2003	Tetrachloroethene	0.59	ug/L	5	0.5	PAL
	6/12/2003	Tetrachloroethene	0.46	ug/L	5	0.5	
	12/17/2003	Tetrachloroethene	0.45	ug/L	5	0.5	
	3/23/2000	trans-1,2-Dichloroethene	1.6	ug/L	100	20	
	6/21/2000	trans-1,2-Dichloroethene	1	ug/L	100	20	
	9/13/2000	trans-1,2-Dichloroethene	1.6	ug/L	100	20	
	12/15/2000	trans-1,2-Dichloroethene	3.5	ug/L	100	20	
	4/4/2001	trans-1,2-Dichloroethene	1.8	ug/L	100	20	
	6/14/2001	trans-1,2-Dichloroethene	1.9	ug/L	100	20	
	10/4/2001	trans-1,2-Dichloroethene	1.8	ug/L	100	20	
	12/13/2001	trans-1,2-Dichloroethene	0.93	ug/L	100	20	
	3/20/2002	trans-1,2-Dichloroethene	1.9	ug/L	100	20	
	9/12/2002	trans-1,2-Dichloroethene	1.9	ug/L	100	20	
	12/17/2002	trans-1,2-Dichloroethene	5.6	ug/L	100	20	
	3/24/2003	trans-1,2-Dichloroethene	1.6	ug/L	100	20	
	6/12/2003	trans-1,2-Dichloroethene	1.7	ug/L	100	20	
	9/10/2003	trans-1,2-Dichloroethene	1.7	ug/L	100	20	
	12/17/2003	trans-1,2-Dichloroethene	1.4	ug/L	100	20	
	3/25/2004	trans-1,2-Dichloroethene	1.3	ug/L	100	20	
	6/29/2004	trans-1,2-Dichloroethene	1.2	ug/L	100	20	
	12/14/2004	trans-1,2-Dichloroethene	0.93	ug/L	100	20	
	3/23/2000	Trichloroethene	69	ug/L	5	0.5	ES
	6/21/2000	Trichloroethene	76	ug/L	5	0.5	ES
	9/13/2000	Trichloroethene	88	ug/L	5	0.5	ES
	12/15/2000	Trichloroethene	93	ug/L	5	0.5	ES
	4/4/2001	Trichloroethene	90	ug/L	5	0.5	ES
	6/14/2001	Trichloroethene	90	ug/L	5	0.5	ES
	10/4/2001	Trichloroethene	73	ug/L	5	0.5	ES
	12/13/2001	Trichloroethene	42	ug/L	5	0.5	ES
	3/20/2002	Trichloroethene	72	ug/L	5	0.5	ES
	6/13/2002	Trichloroethene	69	ug/L	5	0.5	ES
	9/12/2002	Trichloroethene	73	ug/L	5	0.5	ES
	12/17/2002	Trichloroethene	79	ug/L	5	0.5	ES
	3/24/2003	Trichloroethene	70	ug/L	5	0.5	ES
	6/12/2003	Trichloroethene	59	ug/L	5	0.5	ES
	9/10/2003	Trichloroethene	69	ug/L	5	0.5	ES
	12/17/2003	Trichloroethene	71	ug/L	5	0.5	ES
	3/25/2004	Trichloroethene	84	ug/L	5	0.5	ES
	6/29/2004	Trichloroethene	85	ug/L	5	0.5	ES
	9/23/2004	Trichloroethene	64	ug/L	5	0.5	ES
	12/14/2004	Trichloroethene	52	ug/L	5	0.5	ES
	3/23/2000	Vinyl chloride	37	ug/L	0.2	0.02	ES
	6/21/2000	Vinyl chloride	28	ug/L	0.2	0.02	ES
	9/13/2000	Vinyl chloride	11	ug/L	0.2	0.02	ES
	12/15/2000	Vinyl chloride	14	ug/L	0.2	0.02	ES
	4/4/2001	Vinyl chloride	23	ug/L	0.2	0.02	ES
	6/14/2001	Vinyl chloride	28	ug/L	0.2	0.02	ES
	10/4/2001	Vinyl chloride	35	ug/L	0.2	0.02	ES
	12/13/2001	Vinyl chloride	27	ug/L	0.2	0.02	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	3/20/2002	Vinyl chloride	46	ug/L	0.2	0.02	ES
	6/13/2002	Vinyl chloride	33	ug/L	0.2	0.02	ES
	9/12/2002	Vinyl chloride	37	ug/L	0.2	0.02	ES
	12/17/2002	Vinyl chloride	28	ug/L	0.2	0.02	ES
	3/24/2003	Vinyl Chloride	36	ug/L	0.2	0.02	ES
	6/12/2003	Vinyl Chloride	27	ug/L	0.2	0.02	ES
	9/10/2003	Vinyl Chloride	25	ug/L	0.2	0.02	ES
	12/17/2003	Vinyl Chloride	20	ug/L	0.2	0.02	ES
	3/25/2004	Vinyl Chloride	7.2	ug/L	0.2	0.02	ES
	6/29/2004	Vinyl Chloride	4.5	ug/L	0.2	0.02	ES
	9/23/2004	Vinyl Chloride	5	ug/L	0.2	0.02	ES
	12/14/2004	Vinyl Chloride	12	ug/L	0.2	0.02	ES
P8B							
	6/22/2000	1,1,1-Trichloroethane	1	ug/L	200	40	
	9/13/2000	1,1,1-Trichloroethane	1.1	ug/L	200	40	
	12/15/2000	1,1,1-Trichloroethane	1.2	ug/L	200	40	
	4/5/2001	1,1,1-Trichloroethane	1.1	ug/L	200	40	
	6/14/2001	1,1,1-Trichloroethane	1.4	ug/L	200	40	
	10/4/2001	1,1,1-Trichloroethane	1.8	ug/L	200	40	
	3/20/2002	1,1,1-Trichloroethane	1.5	ug/L	200	40	
	6/13/2002	1,1,1-Trichloroethane	1.7	ug/L	200	40	
	9/12/2002	1,1,1-Trichloroethane	1.7	ug/L	200	40	
	3/24/2003	1,1,1-Trichloroethane	1.6	ug/L	200	40	
	3/23/2000	1,1,2-Trichlorotrifluoroethane	3.7	ug/L			
	6/22/2000	1,1,2-Trichlorotrifluoroethane	2	ug/L			
	9/13/2000	1,1,2-Trichlorotrifluoroethane	2.5	ug/L			
	12/15/2000	1,1,2-Trichlorotrifluoroethane	3.9	ug/L			
	4/5/2001	1,1,2-Trichlorotrifluoroethane	4.8	ug/L			
	6/14/2001	1,1,2-Trichlorotrifluoroethane	3.5	ug/L			
	10/4/2001	1,1,2-Trichlorotrifluoroethane	3.5	ug/L			
	12/13/2001	1,1,2-Trichlorotrifluoroethane	4.2	ug/L			
	3/20/2002	1,1,2-Trichlorotrifluoroethane	5.9	ug/L			
	6/13/2002	1,1,2-Trichlorotrifluoroethane	4.6	ug/L			
	9/12/2002	1,1,2-Trichlorotrifluoroethane	3.1	ug/L			
	3/24/2003	1,1,2-Trichlorotrifluoroethane	3.7	ug/L			
	6/12/2003	1,1,2-Trichlorotrifluoroethane	3.8	ug/L			
	12/17/2003	1,1,2-Trichlorotrifluoroethane	3.6	ug/L			
	3/25/2004	1,1,2-Trichlorotrifluoroethane	3.6	ug/L			
	6/29/2004	1,1,2-Trichlorotrifluoroethane	3	ug/L			
	9/23/2004	1,1,2-Trichlorotrifluoroethane	1.4	ug/L			
	12/14/2004	1,1,2-Trichlorotrifluoroethane	3.4	ug/L			
	9/13/2000	1,1-Dichloroethane	1	ug/L	850	85	
	12/15/2000	1,1-Dichloroethane	0.96	ug/L	850	85	
	4/5/2001	1,1-Dichloroethane	1.1	ug/L	850	85	
	6/14/2001	1,1-Dichloroethane	1.3	ug/L	850	85	
	10/4/2001	1,1-Dichloroethane	1.6	ug/L	850	85	
	12/13/2001	1,1-Dichloroethane	1.4	ug/L	850	85	
	3/20/2002	1,1-Dichloroethane	1.6	ug/L	850	85	
	6/13/2002	1,1-Dichloroethane	1.5	ug/L	850	85	
	9/12/2002	1,1-Dichloroethane	1.8	ug/L	850	85	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/17/2002	1,1-Dichloroethane	2	ug/L	850	85	
	3/24/2003	1,1-Dichloroethane	1.6	ug/L	850	85	
	6/12/2003	1,1-Dichloroethane	1.7	ug/L	850	85	
	3/25/2004	1,1-Dichloroethane	1.7	ug/L	850	85	
	6/29/2004	1,1-Dichloroethane	1.9	ug/L	850	85	
	12/15/2000	1,1-Dichloroethene	0.91	ug/L	7	0.7	PAL
	4/5/2001	1,1-Dichloroethene	0.91	ug/L	7	0.7	PAL
	6/14/2001	1,1-Dichloroethene	0.91	ug/L	7	0.7	PAL
	10/4/2001	1,1-Dichloroethene	1.1	ug/L	7	0.7	PAL
	12/13/2001	1,1-Dichloroethene	1.1	ug/L	7	0.7	PAL
	3/20/2002	1,1-Dichloroethene	1.4	ug/L	7	0.7	PAL
	9/12/2002	1,1-Dichloroethene	1.3	ug/L	7	0.7	PAL
	3/24/2003	1,1-Dichloroethene	1.4	ug/L	7	0.7	PAL
	3/25/2004	1,1-Dichloroethene	1.4	ug/L	7	0.7	PAL
	6/29/2004	1,1-Dichloroethene	1.5	ug/L	7	0.7	PAL
	12/14/2004	1,1-Dichloroethene	1.4	ug/L	7	0.7	PAL
	6/12/2003	2-Butanone	15	ug/L	460	90	
	6/22/2000	Alkalinity as CaCO3	340	mg/L			
	12/15/2000	Alkalinity as CaCO3	310	mg/L			
	12/15/2000	Arsenic - Dissolved	0.35	ug/L	50	5	
	3/23/2000	Barium - Dissolved	69	ug/L	2000	400	
	6/22/2000	Barium - Dissolved	54	ug/L	2000	400	
	12/15/2000	Barium - Dissolved	49	ug/L	2000	400	
	6/22/2000	Chloride	11	mg/L	250	125	
	12/15/2000	Chloride	15	mg/L	250	125	
	4/5/2001	Chloride	17	mg/L	250	125	
	6/14/2001	Chloride	17	mg/L	250	125	
	10/4/2001	Chloride	18	mg/L	250	125	
	12/13/2001	Chloride	19	mg/L	250	125	
	3/20/2002	Chloride	20	mg/L	250	125	
	6/13/2002	Chloride	21	mg/L	250	125	
	9/12/2002	Chloride	19	mg/L	250	125	
	12/17/2002	Chloride	19	mg/L	250	125	
	3/24/2003	Chloride	22	mg/L	250	125	
	6/12/2003	Chloride	26	mg/L	250	125	
	9/10/2003	Chloride	24	mg/L	250	125	
	12/17/2003	Chloride	19	mg/L	250	125	
	3/25/2004	Chloride	20	mg/L	250	125	
	6/29/2004	Chloride	21	mg/L	250	125	
	9/23/2004	Chloride	23	mg/L	250	125	
	12/14/2004	Chloride	22	mg/L	250	125	
	3/23/2000	Chromium - Dissolved	0.55	ug/L	100	10	
	12/15/2000	Chromium - Dissolved	0.43	ug/L	100	10	
	3/23/2000	cis-1,2-Dichloroethene	69	ug/L	70	7	PAL
	6/22/2000	cis-1,2-Dichloroethene	98	ug/L	70	7	ES
	9/13/2000	cis-1,2-Dichloroethene	130	ug/L	70	7	ES
	12/15/2000	cis-1,2-Dichloroethene	130	ug/L	70	7	ES
	4/5/2001	cis-1,2-Dichloroethene	140	ug/L	70	7	ES
	6/14/2001	cis-1,2-Dichloroethene	170	ug/L	70	7	ES
	10/4/2001	cis-1,2-Dichloroethene	180	ug/L	70	7	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/13/2001	cis-1,2-Dichloroethene	150	ug/L	70	7	ES
	3/20/2002	cis-1,2-Dichloroethene	170	ug/L	70	7	ES
	6/13/2002	cis-1,2-Dichloroethene	180	ug/L	70	7	ES
	9/12/2002	cis-1,2-Dichloroethene	220	ug/L	70	7	ES
	12/17/2002	cis-1,2-Dichloroethene	220	ug/L	70	7	ES
	3/24/2003	cis-1,2-Dichloroethene	190	ug/L	70	7	ES
	6/12/2003	cis-1,2-Dichloroethene	230	ug/L	70	7	ES
	9/10/2003	cis-1,2-Dichloroethene	270	ug/L	70	7	ES
	12/17/2003	cis-1,2-Dichloroethene	220	ug/L	70	7	ES
	3/25/2004	cis-1,2-Dichloroethene	260	ug/L	70	7	ES
	6/29/2004	cis-1,2-Dichloroethene	340	ug/L	70	7	ES
	9/23/2004	cis-1,2-Dichloroethene	280	ug/L	70	7	ES
	12/14/2004	cis-1,2-Dichloroethene	270	ug/L	70	7	ES
	6/13/2002	Iron	450	ug/L	0.3	0.15	ES
	3/24/2003	Methylene Chloride	0.5	ug/L	5	0.5	
	4/5/2001	Nitrogen, nitrate	0.7	mg/L	10	2	
	6/14/2001	Nitrogen, nitrate	0.79	mg/L	10	2	
	12/13/2001	Nitrogen, nitrate	0.77	mg/L	10	2	
	3/20/2002	Nitrogen, nitrate	0.67	mg/L	10	2	
	6/13/2002	Nitrogen, nitrate	0.88	mg/L	10	2	
	3/24/2003	Nitrogen, Nitrate	0.84	mg/L	10	2	
	9/10/2003	Nitrogen, Nitrate	1.1	mg/L	10	2	
	12/17/2003	Nitrogen, Nitrate	1.1	mg/L	10	2	
	3/25/2004	Nitrogen, Nitrate	1	mg/L	10	2	
	6/29/2004	Nitrogen, Nitrate	1	mg/L	10	2	
	9/23/2004	Nitrogen, Nitrate	1.2	mg/L	10	2	
	12/14/2004	Nitrogen, Nitrate	0.9	mg/L	10	2	
	12/17/2003	Redox Potential	58	mV			
	3/25/2004	Redox Potential	56	mV			
	6/29/2004	Redox Potential	87	mV			
	9/23/2004	Redox Potential	86	mV			
	12/14/2004	Redox Potential	136	mV			
	6/22/2000	Selenium - Dissolved	1	ug/L	50	10	
	12/15/2000	Selenium - Dissolved	0.74	ug/L	50	10	
	9/13/2000	trans-1,2-Dichloroethene	1.9	ug/L	100	20	
	12/15/2000	trans-1,2-Dichloroethene	1.1	ug/L	100	20	
	4/5/2001	trans-1,2-Dichloroethene	1	ug/L	100	20	
	6/14/2001	trans-1,2-Dichloroethene	4.5	ug/L	100	20	
	10/4/2001	trans-1,2-Dichloroethene	1.5	ug/L	100	20	
	12/13/2001	trans-1,2-Dichloroethene	1.2	ug/L	100	20	
	3/20/2002	trans-1,2-Dichloroethene	1.6	ug/L	100	20	
	6/13/2002	trans-1,2-Dichloroethene	2.5	ug/L	100	20	
	9/12/2002	trans-1,2-Dichloroethene	2.4	ug/L	100	20	
	3/24/2003	trans-1,2-Dichloroethene	1.4	ug/L	100	20	
	9/10/2003	trans-1,2-Dichloroethene	2.2	ug/L	100	20	
	12/17/2003	trans-1,2-Dichloroethene	2.2	ug/L	100	20	
	3/25/2004	trans-1,2-Dichloroethene	2.2	ug/L	100	20	
	6/29/2004	trans-1,2-Dichloroethene	2.6	ug/L	100	20	
	9/23/2004	trans-1,2-Dichloroethene	2.3	ug/L	100	20	
	3/23/2000	Trichloroethene	51	ug/L	5	0.5	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	6/22/2000	Trichloroethene	89	ug/L	5	0.5	ES
	9/13/2000	Trichloroethene	95	ug/L	5	0.5	ES
	12/15/2000	Trichloroethene	100	ug/L	5	0.5	ES
	4/5/2001	Trichloroethene	110	ug/L	5	0.5	ES
	6/14/2001	Trichloroethene	130	ug/L	5	0.5	ES
	10/4/2001	Trichloroethene	120	ug/L	5	0.5	ES
	12/13/2001	Trichloroethene	110	ug/L	5	0.5	ES
	3/20/2002	Trichloroethene	130	ug/L	5	0.5	ES
	6/13/2002	Trichloroethene	150	ug/L	5	0.5	ES
	9/12/2002	Trichloroethene	160	ug/L	5	0.5	ES
	12/17/2002	Trichloroethene	150	ug/L	5	0.5	ES
	3/24/2003	Trichloroethene	160	ug/L	5	0.5	ES
	6/12/2003	Trichloroethene	140	ug/L	5	0.5	ES
	9/10/2003	Trichloroethene	170	ug/L	5	0.5	ES
	12/17/2003	Trichloroethene	120	ug/L	5	0.5	ES
	3/25/2004	Trichloroethene	140	ug/L	5	0.5	ES
	6/29/2004	Trichloroethene	160	ug/L	5	0.5	ES
	9/23/2004	Trichloroethene	160	ug/L	5	0.5	ES
	12/14/2004	Trichloroethene	130	ug/L	5	0.5	ES
	9/13/2000	Vinyl chloride	0.77	ug/L	0.2	0.02	ES
	12/15/2000	Vinyl chloride	0.66	ug/L	0.2	0.02	ES
	4/5/2001	Vinyl chloride	0.99	ug/L	0.2	0.02	ES
	6/14/2001	Vinyl chloride	1.4	ug/L	0.2	0.02	ES
	10/4/2001	Vinyl chloride	1.8	ug/L	0.2	0.02	ES
	12/13/2001	Vinyl chloride	3.1	ug/L	0.2	0.02	ES
	3/20/2002	Vinyl chloride	4.4	ug/L	0.2	0.02	ES
	6/13/2002	Vinyl chloride	3.1	ug/L	0.2	0.02	ES
	9/12/2002	Vinyl chloride	8.2	ug/L	0.2	0.02	ES
	12/17/2002	Vinyl chloride	15	ug/L	0.2	0.02	ES
	3/24/2003	Vinyl Chloride	12	ug/L	0.2	0.02	ES
	6/12/2003	Vinyl Chloride	9	ug/L	0.2	0.02	ES
	9/10/2003	Vinyl Chloride	12	ug/L	0.2	0.02	ES
	12/17/2003	Vinyl Chloride	21	ug/L	0.2	0.02	ES
	3/25/2004	Vinyl Chloride	28	ug/L	0.2	0.02	ES
	6/29/2004	Vinyl Chloride	66	ug/L	0.2	0.02	ES
	9/23/2004	Vinyl Chloride	40	ug/L	0.2	0.02	ES
	12/14/2004	Vinyl Chloride	49	ug/L	0.2	0.02	ES
P8BD							
	10/4/2001	1,1,1-Trichloroethane	1.5	ug/L	200	40	
	6/14/2001	1,1,2-Trichlorotrifluoroethane	3.2	ug/L			
	10/4/2001	1,1,2-Trichlorotrifluoroethane	1.7	ug/L			
	6/14/2001	1,1-Dichloroethane	1.3	ug/L	850	85	
	10/4/2001	1,1-Dichloroethane	1.5	ug/L	850	85	
	10/4/2001	1,1-Dichloroethene	1.1	ug/L	7	0.7	PAL
	6/14/2001	Chloride	18	mg/L	250	125	
	10/4/2001	Chloride	18	mg/L	250	125	
	6/14/2001	cis-1,2-Dichloroethene	170	ug/L	70	7	ES
	10/4/2001	cis-1,2-Dichloroethene	170	ug/L	70	7	ES
	6/14/2001	Nitrogen, nitrate	0.81	mg/L	10	2	
	6/14/2001	trans-1,2-Dichloroethene	2.5	ug/L	100	20	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	10/4/2001	trans-1,2-Dichloroethene	1.4	ug/L	100	20	
	6/14/2001	Trichloroethene	130	ug/L	5	0.5	ES
	10/4/2001	Trichloroethene	110	ug/L	5	0.5	ES
	6/14/2001	Vinyl chloride	1.3	ug/L	0.2	0.02	ES
	10/4/2001	Vinyl chloride	1.6	ug/L	0.2	0.02	ES
P9B							
	3/23/2000	1,1,1-Trichloroethane	0.86	ug/L	200	40	
	12/15/2000	1,1,1-Trichloroethane	0.6	ug/L	200	40	
	4/4/2001	1,1,1-Trichloroethane	0.51	ug/L	200	40	
	3/23/2000	1,1,2-Trichlorotrifluoroethane	8.7	ug/L			
	6/21/2000	1,1,2-Trichlorotrifluoroethane	12	ug/L			
	9/13/2000	1,1,2-Trichlorotrifluoroethane	15	ug/L			
	12/15/2000	1,1,2-Trichlorotrifluoroethane	16	ug/L			
	4/4/2001	1,1,2-Trichlorotrifluoroethane	13	ug/L			
	6/21/2000	Alkalinity as CaCO3	350	mg/L			
	12/15/2000	Alkalinity as CaCO3	340	mg/L			
	12/15/2000	Arsenic - Dissolved	0.47	ug/L	50	5	
	3/23/2000	Barium - Dissolved	98	ug/L	2000	400	
	6/21/2000	Barium - Dissolved	85	ug/L	2000	400	
	12/15/2000	Barium - Dissolved	86	ug/L	2000	400	
	6/21/2000	Chloride	42	mg/L	250	125	
	12/15/2000	Chloride	39	mg/L	250	125	
	4/4/2001	Chloride	39	mg/L	250	125	
	6/21/2000	Chromium - Dissolved	1	ug/L	100	10	
	12/15/2000	Chromium - Dissolved	0.36	ug/L	100	10	
	9/13/2000	cis-1,2-Dichloroethene	0.41	ug/L	70	7	
	12/15/2000	cis-1,2-Dichloroethene	0.44	ug/L	70	7	
	4/4/2001	cis-1,2-Dichloroethene	0.55	ug/L	70	7	
	12/15/2000	Methylene chloride	0.57	ug/L	5	0.5	PAL
	6/21/2000	Nitrogen, nitrate	1	mg/L	10	2	
	4/4/2001	Nitrogen, nitrate	1	mg/L	10	2	
	6/21/2000	Selenium - Dissolved	3	ug/L	50	10	
	12/15/2000	Selenium - Dissolved	1.4	ug/L	50	10	
	3/23/2000	Trichloroethene	1.2	ug/L	5	0.5	PAL
	6/21/2000	Trichloroethene	2	ug/L	5	0.5	PAL
	9/13/2000	Trichloroethene	2.8	ug/L	5	0.5	PAL
	12/15/2000	Trichloroethene	3.4	ug/L	5	0.5	PAL
	4/4/2001	Trichloroethene	3.2	ug/L	5	0.5	PAL
	12/15/2000	Vinyl chloride	0.22	ug/L	0.2	0.02	ES
	4/4/2001	Vinyl chloride	0.19	ug/L	0.2	0.02	PAL
P9BD							
	4/4/2001	1,1,1-Trichloroethane	0.51	ug/L	200	40	
	4/4/2001	1,1,2-Trichlorotrifluoroethane	12	ug/L			
	4/4/2001	Chloride	38	mg/L	250	125	
	4/4/2001	cis-1,2-Dichloroethene	0.47	ug/L	70	7	
	4/4/2001	Nitrogen, nitrate	1	mg/L	10	2	
	4/4/2001	Trichloroethene	3.3	ug/L	5	0.5	PAL
PW 717 HC							
	6/12/2001	Methylene chloride	0.5	ug/L	5	0.5	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/5/2002	Methylene chloride	0.58	ug/L	5	0.5	PAL
	6/12/2003	Methylene Chloride	0.62	ug/L	5	0.5	PAL
PW1530LR							
	6/12/2001	Methylene chloride	0.42	ug/L	5	0.5	
PW1587LR							
	6/12/2001	Methylene chloride	0.48	ug/L	5	0.5	
	12/5/2002	Methylene chloride	0.47	ug/L	5	0.5	
PW1716LR							
	6/12/2001	Chloroform	0.45	ug/L	6	0.6	
	6/12/2001	Methylene chloride	0.64	ug/L	5	0.5	PAL
	12/5/2002	Methylene chloride	0.48	ug/L	5	0.5	
	6/11/2003	Methylene Chloride	1	ug/L	5	0.5	PAL
PW461HR							
	6/12/2001	Methylene chloride	0.44	ug/L	5	0.5	

"D" in well name indicates a duplicate sample.

The Exceedence column indicates the standard, either ES or PAL, if the result is above the standard.

APPENDIX D

DATA TREND ANALYSES

Village of Grafton
Lime Kiln Park Landfill
Summary - Trend Analysis

Well	Parameter	Graph	Significance	Trend
LH1 Source Well	111TCA	No		
	11DCE	Yes	Significant	Downward
	11DCA	Yes	No Trend	No Trend
	VC	Yes	Significant	Downward
	TCE	Yes	Significant	Downward
	TRANS	Yes	Significant	Downward
	CIS	Yes	Significant	Downward
P2A Directly downgradient	111TCA	No		
	11DCE	No		
	11DCA	Yes	No Trend	No Trend
	VC	Yes	No Trend	No Trend
	TCE	Yes	Significant	Downward
	TRANS	Yes	No Trend	No Trend
	CIS	Yes	Significant	Downward
P2B Directly downgradient	111TCA	No		
	11DCE	Yes	No Trend	No Trend
	11DCA	Yes	Significant	Downward
	VC	Yes	No Trend	No Trend
	TCE	Yes	Significant	Downward
	TRANS	Yes	Significant	Downward
	CIS	Yes	Significant	Downward
P8A Manchester Subdivision shallow well	111TCA	Yes	Significant	Downward
	11DCE	Yes	Significant	Downward
	11DCA	Yes	Significant	Downward
	VC	Yes	Significant	Downward
	TCE	Yes	No Trend	No Trend
	TRANS	Yes	No Trend	No Trend
	CIS	Yes	Significant	Downward
P8B Manchester Subdivision monitoring zone well	111TCA	Yes	Significant	Upward
	11DCE	Yes	Significant	Upward
	11DCA	Yes	Significant	Upward
	VC	Yes	Significant	Upward
	TCE	Yes	Significant	Upward
	TRANS	Yes	Significant	Upward
	CIS	Yes	Significant	Upward
P7B Watts Property	111TCA	No		
	11DCE	No		
	11DCA	No		
	VC	No		
	TCE	Yes	No Trend	No Trend
	TRANS	No		
	CIS	Yes	Significant	Upward

Notes:

Parameters - 1,1,1-Trichloroethane, 1,1-Dichloroethene, 1,1-Dichloroethane, vinyl chloride, Trichloroethene, trans-1,2-dichloroethene, cis-1,2-dichloroethene.
Graph - Graphs that include only non-detects were not included.
Significance - States whether a trend was present at a 90% (Signficance F <0.1) confidence interval.
Trend - When there is a significant trend, states whether the trend is upward or downward.

1/26/00	ug/L	0.85	ND
3/24/00	ug/L	0.85	
6/21/00	ug/L	0.335	
9/13/00	ug/L	0.335	
12/13/00	ug/L	0.335	
4/4/01	ug/L	0.335	
6/14/01	ug/L	0.335	
10/2/01	ug/L	1.1	
12/11/01	ug/L	1.1	
3/20/02	ug/L	1.1	
6/13/02	ug/L	1.1	
9/12/02	ug/L	1.05	
12/17/02	ug/L	1.1	
3/19/03	ug/L	1.5	
6/12/03	ug/L	1.5	
9/10/03	ug/L	1.5	
12/17/03	ug/L	1.5	
3/23/04		1.5	
6/23/04		1.5	
9/23/04		1.5	
12/14/04		1.5	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.848119759
R Square	0.719307126
Adjusted R Square	0.704533817
Standard Error	0.251099034
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.069917181	3.069917	48.68964	1.19904E-06
Residual	19	1.197963771	0.063051		
Total	20	4.267880952			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-25.01567546	3.735065713	-6.69752	2.11E-06	-32.8332603	-17.19809
X Variable 1	0.000696273	9.97841E-05	6.977796	1.2E-06	0.000487423	0.000905

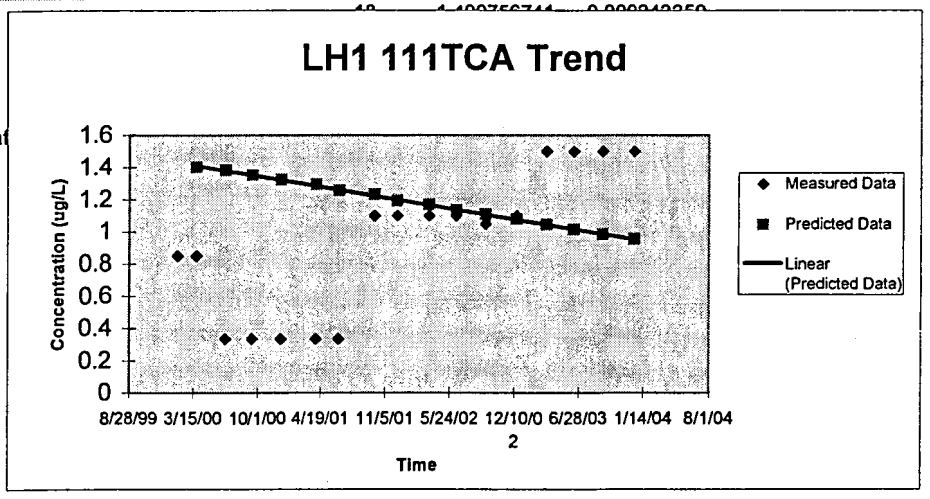
RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.433813715	0.416186285
2	0.474197572	0.375802428
3	0.536165905	-0.201165905
4	0.594652871	-0.259652871
5	0.658013751	-0.323013751
6	0.735996372	-0.400996372
7	0.785431783	-0.450431783
8	0.862021858	0.237978142
9	0.910760996	0.189239004
10	0.979692063	0.120307937
11	1.038875302	0.061124698
12	1.102236182	-0.052236182
13	1.169078429	-0.069078429
14	1.233135582	0.266864418
15	1.292318821	0.207681179
16	1.354983428	0.145016572
17	1.423218221	0.076781779

Significanc Significant
Trend: Upward

Slope 0.000696
LH1 111TC L:\work\grat
33
37
47

Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	1.3
3/24/00	ug/L	1.6
6/21/00	ug/L	1
9/13/00	ug/L	1.5
12/13/00	ug/L	1.3
4/4/01	ug/L	1.1
6/14/01	ug/L	1.4
10/2/01	ug/L	1.2
12/11/01	ug/L	1.4
3/20/02	ug/L	1.2
6/13/02	ug/L	1.35
9/12/02	ug/L	0.8
12/17/02	ug/L	0.89
3/19/03	ug/L	0.95
6/12/03	ug/L	0.95
9/10/03	ug/L	0.95
12/17/03	ug/L	0.64
3/23/04		0.93
6/23/04		0.95
9/23/04		0.95
12/14/04		0.84

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.741149478
R Square	0.549302549
Adjusted R Square	0.52558163
Standard Error	0.176731147
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.723279747	0.72328	23.15688	0.000121109
Residual	19	0.593444066	0.031234		
Total	20	1.316723813			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	13.75386169	2.628852992	5.231887	4.75E-05	8.251607435	19.25612
X Variable 1	-0.000337963	7.02311E-05	-4.81216	0.000121	-0.00048496	-0.000191

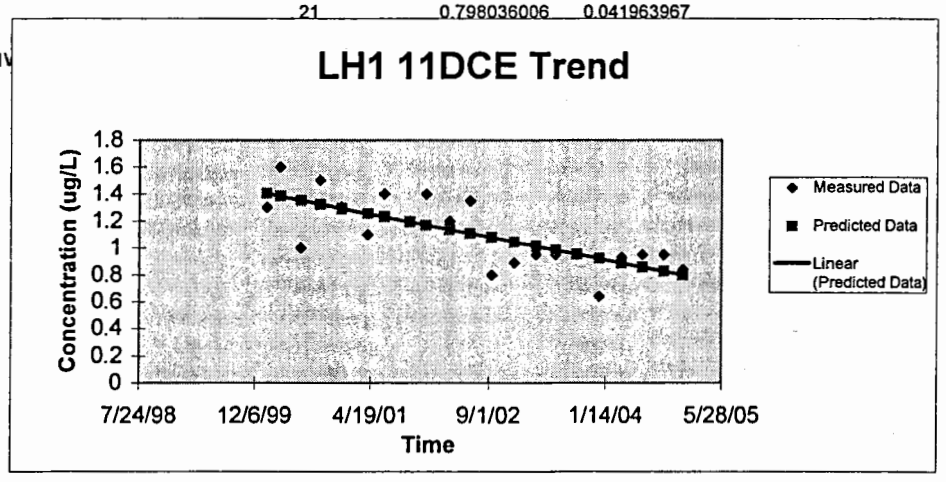
RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.400962654	-0.100962701
2	1.381360778	0.218639245
3	1.351282039	-0.351282039
4	1.322893116	0.177106884
5	1.292138449	0.007861503
6	1.254286552	-0.154286528
7	1.230291153	0.169708823
8	1.193115183	0.006884865
9	1.169457747	0.230542229
10	1.135999374	0.064000674
11	1.107272488	0.242727512
12	1.076517821	-0.276517809
13	1.044073338	-0.154073352
14	1.012980708	-0.06298072
15	0.984253822	-0.034253822
16	0.953837119	-0.003837119
17	0.920716709	-0.280716723
18	0.887934262	0.042065745
19	0.856841632	0.093158368
20	0.825749003	0.124250997
21	0.798036006	0.041963967

Significance: Significant
Trend: Downward

Slope -0.000338
LH1 11DCE L:\work\graftn01\
33
37
47

Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L
3/24/00	ug/L
6/21/00	ug/L
9/13/00	ug/L
12/13/00	ug/L
4/4/01	ug/L
6/14/01	ug/L
10/2/01	ug/L
12/11/01	ug/L
3/20/02	ug/L
6/13/02	ug/L
9/12/02	ug/L
12/17/02	ug/L
3/19/03	ug/L
6/12/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/23/04	
6/23/04	
9/23/04	
12/14/04	

8.8
8.6
4
6.2
5
3.8
4.9
5.6
7
4.9
25
6.3
7.1
6.7
5
4.3
5.4
4.1
2.5
3.5
6.7

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.150224665
R Square	0.02256745
Adjusted R Square	-0.028876369
Standard Error	4.612117414
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	9.331468635	9.331469	0.438681	0.515713832
Residual	19	404.1609138	21.27163		
Total	20	413.4923825			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	51.88167068	68.60465114	0.756241	0.458779	-91.709559	195.4729
X Variable 1	-0.001213924	0.001832807	-0.66233	0.515714	-0.00505004	0.002622

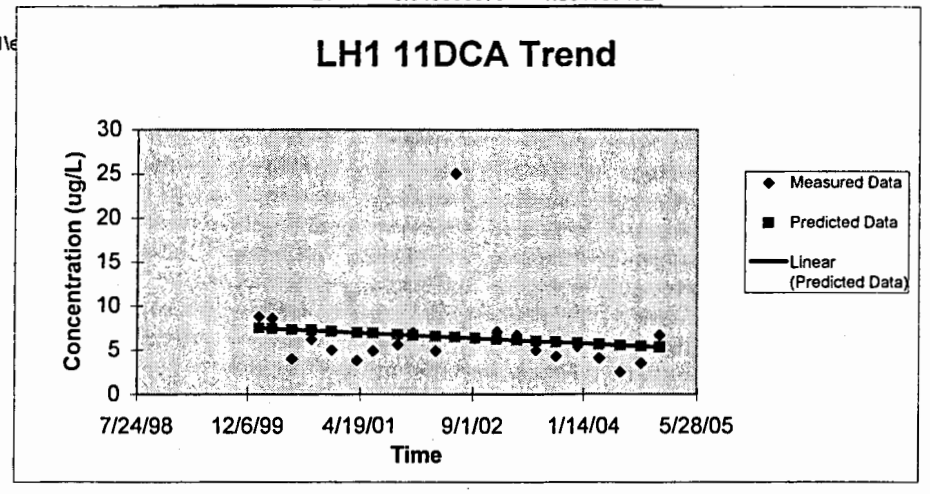
RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	7.511536689	1.288463501
2	7.441129101	1.158871281
3	7.33308987	-3.33308987
4	7.231120259	-1.03112045
5	7.12065318	-2.12065318
6	6.984693699	-3.184693746
7	6.898505099	-1.998505004
8	6.764973465	-1.164973561
9	6.679998789	0.320001211
10	6.559820319	-1.659820224
11	6.456636784	18.54336322
12	6.346169706	-0.046169515
13	6.229633007	0.870366897
14	6.117952005	0.582047805
15	6.01476847	-1.01476847
16	5.905515315	-1.605515124
17	5.786550769	-0.386550673
18	5.668800146	-1.568800242
19	5.557119144	-3.057119144
20	5.445438141	-1.945438141
21	5.345896378	1.354103432

Significance: No Trend
Trend: No Trend

Slope -0.00121
LH1 11DCA T L:\work\graftn01\e
33
37
47

Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L
3/24/00	ug/L
6/21/00	ug/L
9/13/00	ug/L
12/13/00	ug/L
4/4/01	ug/L
6/14/01	ug/L
10/2/01	ug/L
12/11/01	ug/L
3/20/02	ug/L
6/13/02	ug/L
9/12/02	ug/L
12/17/02	ug/L
3/19/03	ug/L
6/12/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/23/04	
6/23/04	
9/23/04	
12/14/04	

130
120
130
150
130
110
150
120
110
140
54
100
47
37
75
75
49
85
62
110
60

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.70365939
R Square	0.495136537
Adjusted R Square	0.468564776
Standard Error	26.41776772
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	13004.5961	13004.6	18.63394	0.000371952
Residual	19	13260.07057	697.8985		
Total	20	26264.66667			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1793.446794	392.9608844	4.563932	0.000212	970.9699551	2615.924
X Variable 1	-0.045317392	0.010498146	-4.316704	0.000372	-0.06729027	-0.023345

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	137.0507907	-7.050790666
2	134.4223819	-14.42238192
3	130.389134	-0.389134008
4	126.5824731	23.41752694
5	122.4585904	7.541409632
6	117.3830424	-7.383042438
7	114.1655076	35.83449241
8	109.1805944	10.81940556
9	106.008377	3.991623011
10	101.5219552	38.47804484
11	97.66997682	-43.66997682
12	93.54609413	6.453905874
13	89.19562447	-42.19562447
14	85.02642439	-48.02642439
15	81.17444605	-6.174446047
16	77.09588075	-2.095880746
17	72.65477631	-23.65477631
18	68.25898926	16.74101074
19	64.08978918	-2.089789176
20	59.92058909	50.07941091
21	56.20456293	3.795437072

Significanc Significant
Trend: Downward

Slope -0.045317
LH1 VC Tr L:\work\graftr
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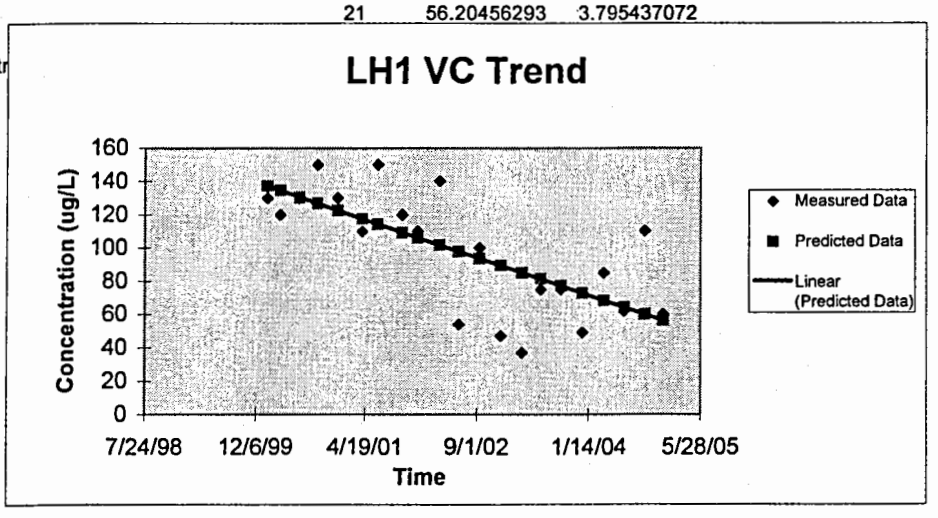
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L
3/24/00	ug/L
6/21/00	ug/L
9/13/00	ug/L
12/13/00	ug/L
4/4/01	ug/L
6/14/01	ug/L
10/2/01	ug/L
12/11/01	ug/L
3/20/02	ug/L
6/13/02	ug/L
9/12/02	ug/L
12/17/02	ug/L
3/19/03	ug/L
6/12/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/23/04	
6/23/04	
9/23/04	
12/14/04	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.676047637
R Square	0.457040407
Adjusted R Square	0.428463586
Standard Error	4.304177577
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	296.2927666	296.2928	15.9934	0.000767639
Residual	19	351.9929477	18.52594		
Total	20	648.2857143			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	277.3016456	64.02408581	4.331208	0.00036	143.2976523	411.3056
X Variable 1	-0.006840329	0.001710435	-3.999174	0.000768	-0.01042031	-0.00326

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	27.28077421	1.719225794
2	26.88403511	2.115964886
3	26.27524582	0.724754182
4	25.70065817	1.299341832
5	25.07818821	-0.078188214
6	24.31207135	-5.312071347
7	23.82640798	-2.826407976
8	23.07397177	-1.073971768
9	22.59514873	4.404851274
10	21.91795614	-0.917956139
11	21.33652816	-10.33652816
12	20.71405821	0.285941795
13	20.05738661	8.942613395
14	19.42807632	4.571923678
15	18.84664834	-1.846648343
16	18.23101872	-0.231018718
17	17.56066646	2.439333541
18	16.89715453	-1.89715453
19	16.26784425	-6.267844247
20	15.63853396	-0.638533963
21	15.07762697	4.922373028

Significanc Significant
Trend: Downward

Slope -0.00684
LH1 TCE T L:\work\graf
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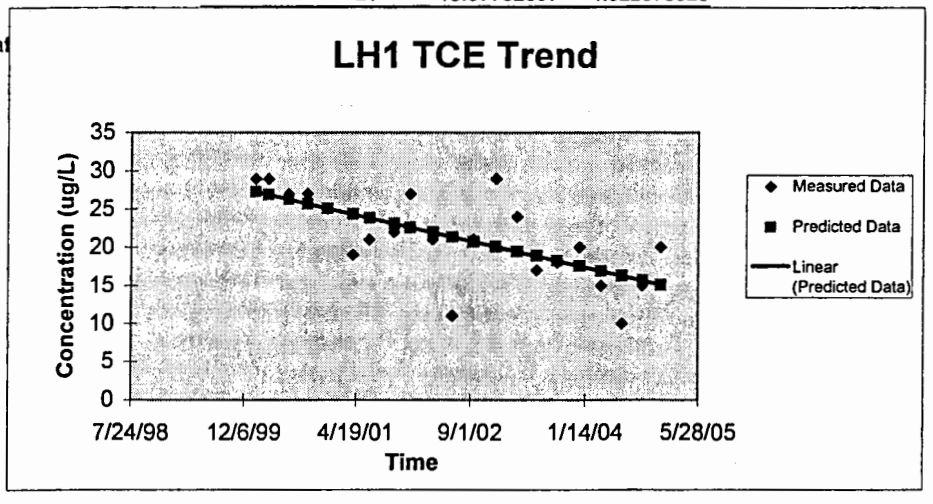
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L
3/24/00	ug/L
6/21/00	ug/L
9/13/00	ug/L
12/13/00	ug/L
4/4/01	ug/L
6/14/01	ug/L
10/2/01	ug/L
12/11/01	ug/L
3/20/02	ug/L
6/13/02	ug/L
9/12/02	ug/L
12/17/02	ug/L
3/19/03	ug/L
6/12/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/23/04	
6/23/04	
9/23/04	
12/14/04	

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4
7
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3.9
3.4
3.1
4.2
3.9
3.3
3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.580994672
R Square	0.337554809
Adjusted R Square	0.302689273
Standard Error	0.893785468
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	7.734184475	7.734184	9.681618	0.0057455
Residual	19	15.17819678	0.798852		
Total	20	22.91238125			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	45.71554286	13.29494345	3.438566	0.002753	17.88889778	73.54219
X Variable 1	-0.001105156	0.000355181	-3.11153	0.005745	-0.00184856	-0.000362

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	5.320971583	-0.220971679
2	5.256872513	-0.356872417
3	5.158513594	-0.158513594
4	5.065680457	-0.265680266
5	4.965111225	0.13488868
6	4.841333709	-0.1413339
7	4.762867605	0.537132585
8	4.641300402	0.058699407
9	4.563939455	1.03606045
10	4.454528972	0.345471219
11	4.360590679	-1.260590774
12	4.260021447	-0.260021447
13	4.153926433	2.846073567
14	4.052252045	-1.552252045
15	3.958313752	-0.058313657
16	3.858849677	-0.458849581
17	3.75054435	-0.650544446
18	3.64334418	0.556655629
19	3.541669792	0.358330303
20	3.439995404	-0.139995452
21	3.34937258	-0.34937258

Significanc Significant
Trend: Downward

Slope -0.001105
LH1 TRAN L:\work\graf
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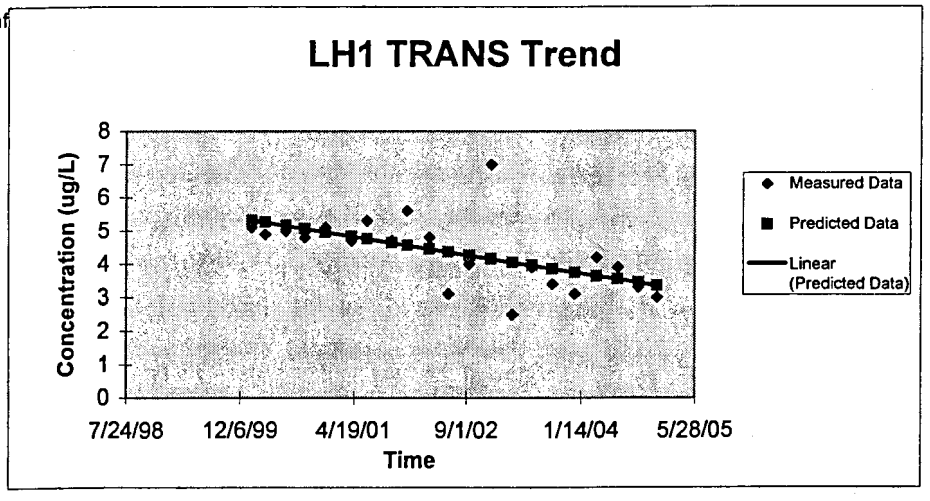
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	120
3/24/00	ug/L	110
6/21/00	ug/L	120
9/13/00	ug/L	140
12/13/00	ug/L	120
4/4/01	ug/L	100
6/14/01	ug/L	120
10/2/01	ug/L	110
12/11/01	ug/L	110
3/20/02	ug/L	99
6/13/02	ug/L	44
9/12/02	ug/L	97
12/17/02	ug/L	77
3/19/03	ug/L	70
6/12/03	ug/L	84
9/10/03	ug/L	85
12/17/03	ug/L	66
3/23/04		81
6/23/04		63
9/23/04		91
12/14/04		83

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.728405745
R Square	0.530574929
Adjusted R Square	0.505868347
Standard Error	16.66128617
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5961.438845	5961.439	21.47504	0.000180944
Residual	19	5274.370679	277.5985		
Total	20	11235.80952			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1243.132367	247.8344809	5.015978	7.67E-05	724.4086759	1761.856
X Variable 1	-0.03068259	0.006621022	-4.634117	0.000181	-0.04454055	-0.016825

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	121.6530037	-1.653003673
2	119.8734134	-9.873413427
3	117.1426629	2.857337123
4	114.5653253	25.43467472
5	111.7732095	8.22679045
6	108.3367594	-8.33675942
7	106.1582955	13.8417045
8	102.7832105	7.216789451
9	100.6354292	9.364570782
10	97.59785276	1.402147236
11	94.98983258	-50.98983258
12	92.19771685	4.802283154
13	89.25218816	-12.25218816
14	86.42938984	-16.42938984
15	83.82136965	0.178630345
16	81.05993651	3.940063485
17	78.05304265	-12.05304265
18	75.07683138	5.923168622
19	72.25403306	-9.254033057
20	69.43123474	21.56876526
21	66.91526232	16.08473768

Significanc Significant
Trend: Downward

Slope -0.030683
LH1 CIS Ti L:\work\graftn
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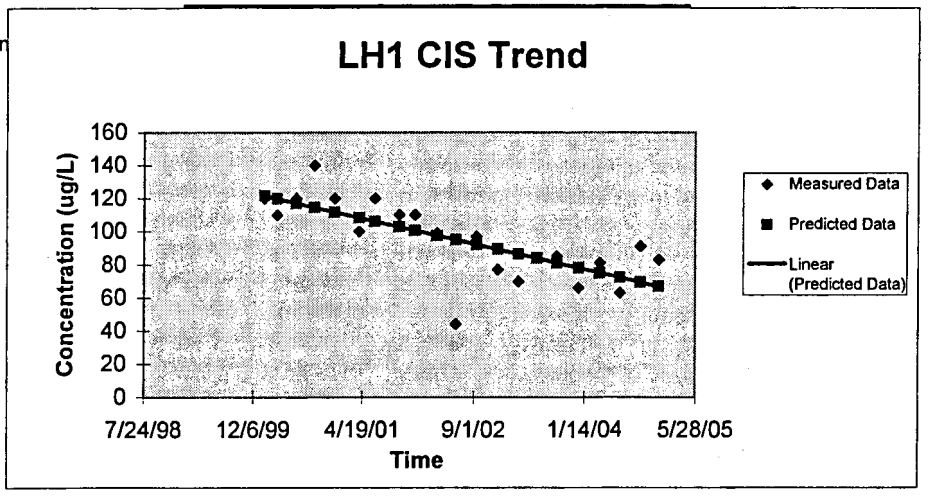
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.85	nd
6/22/00	ug/L	0.335	
9/14/00	ug/L	0.335	
12/13/00	ug/L	0.335	
4/5/01	ug/L	0.335	
6/14/01	ug/L	0.335	
10/4/01	ug/L	1.1	
12/13/01	ug/L	1.1	
3/20/02	ug/L	1.1	
6/12/02	ug/L	1.1	
9/12/02	ug/L	1.05	
12/5/02	ug/L	1.05	
3/24/03	ug/L	1.5	
6/11/03	ug/L	1.5	
9/10/03	ug/L	1.5	
12/17/03	ug/L	1.5	
3/23/04	ug/L	1.5	
6/29/04		1.5	
9/23/04		1.5	
12/9/04		1.5	
1/0/00		0	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.874593261
R Square	0.764913373
Adjusted R Square	0.751853005
Standard Error	0.234934757
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.232595625	3.232596	58.56752	4.58207E-07
Residual	18	0.993498125	0.055194		
Total	19	4.22609375			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-27.62401238	3.747327608	-7.371657	7.7E-07	-35.4968616	-19.75116
X Variable 1	0.000765262	9.99958E-05	7.652942	4.58E-07	0.000555179	0.000975

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.390713755	0.459286245
2	0.460352634	-0.125352634
3	0.524634676	-0.189634676
4	0.593508292	-0.258508292
5	0.679982944	-0.344982944
6	0.733551312	-0.398551312
7	0.819260702	0.280739298
8	0.87282907	0.22717093
9	0.947059524	0.152940476
10	1.011341566	0.088658434
11	1.081745707	-0.031745707
12	1.146027749	-0.096027749
13	1.229441351	0.270558649
14	1.289897081	0.210102919
15	1.35953596	0.14046404
16	1.434531676	0.065468324
17	1.508762129	-0.008762129
18	1.583757845	-0.083757845
19	1.649570412	-0.149570412
20	1.708495617	-0.208495617
21	-0.234723648	0.234723648

Significanc Significant
Trend: Upward

Slope 0.000765

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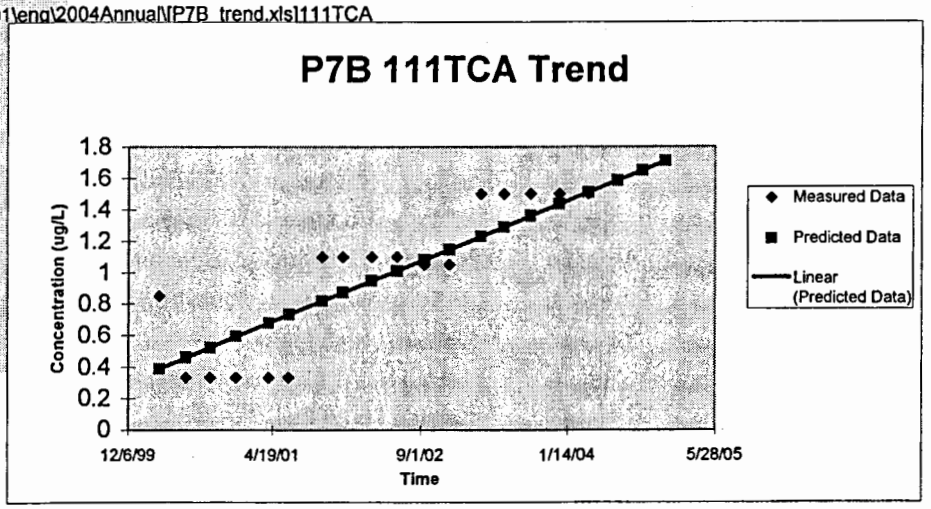
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.75	nd
6/22/00	ug/L	1.35	
9/14/00	ug/L	1.35	
12/13/00	ug/L	1.35	
4/5/01	ug/L	1.35	
6/14/01	ug/L	1.35	
10/4/01	ug/L	1.35	
12/13/01	ug/L	1.35	
3/20/02	ug/L	1.35	
6/12/02	ug/L	1.35	
9/12/02	ug/L	0.9	
12/5/02	ug/L	0.9	
3/24/03	ug/L	0.95	
6/11/03	ug/L	0.95	
9/10/03	ug/L	0.95	
12/17/03	ug/L	0.95	
3/23/04	ug/L	0.95	
6/29/04		0.95	
9/23/04		0.95	
12/9/04		0.95	
1/0/00		0	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.574460401
R Square	0.330004752
Adjusted R Square	0.292782794
Standard Error	0.187102249
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.310369469	0.310369	8.865862	0.008069465
Residual	18	0.630130531	0.035007		
Total	19	0.9405			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	10.00028181	2.984375033	3.35088	0.003558	3.730337678	16.27023
X Variable 1	-0.000237123	7.96368E-05	-2.97756	0.008069	-0.00040443	-6.98E-05

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.319672955	-0.569672955
2	1.298094737	0.051905263
3	1.278176382	0.071823618
4	1.256835287	0.093164713
5	1.230040357	0.119959643
6	1.213441728	0.136558272
7	1.186883921	0.163116079
8	1.170285292	0.179714708
9	1.147284334	0.202715666
10	1.127365979	0.222634021
11	1.105550637	-0.205550637
12	1.085632282	-0.185632282
13	1.059785845	-0.109785845
14	1.041053107	-0.091053107
15	1.019474889	-0.069474889
16	0.996236808	-0.046236808
17	0.97323585	-0.02323585
18	0.949997769	2.23102E-06
19	0.929605167	0.020394833
20	0.911346675	0.038653325
21	-0.079172795	0.079172795

Significance: Significant
Trend: Downward

Slope -0.000237
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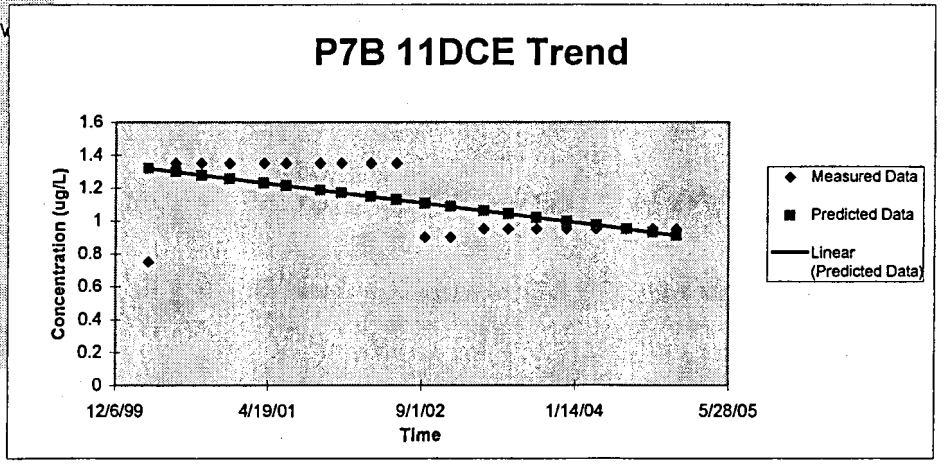
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.95	nd
6/22/00	ug/L	0.27	
9/14/00	ug/L	0.27	
12/13/00	ug/L	0.27	
4/5/01	ug/L	0.27	
6/14/01	ug/L	0.27	
10/4/01	ug/L	0.75	
12/13/01	ug/L	0.75	
3/20/02	ug/L	0.75	
6/12/02	ug/L	0.75	
9/12/02	ug/L	1.4	
12/5/02	ug/L	1.4	
3/24/03	ug/L	1.25	
6/11/03	ug/L	1.25	
9/10/03	ug/L	1.25	
12/17/03	ug/L	1.25	
3/23/04	ug/L	1.25	
6/29/04		1.25	
9/23/04		1.25	
12/9/04		1.25	
1/0/00		0	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.800175886
R Square	0.640281449
Adjusted R Square	0.620297085
Standard Error	0.266597806
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	2.277160973	2.277161	32.03912	2.27637E-05
Residual	18	1.279339027	0.071074		
Total	19	3.5565			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-23.16236675	4.252369172	-5.44693	3.57E-05	-32.0962698	-14.2285
X Variable 1	0.000642291	0.000113473	5.660311	2.28E-05	0.000403893	0.000881

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.350606884	0.599393116
2	0.409055327	-0.139055327
3	0.463007736	-0.193007736
4	0.520813888	-0.250813888
5	0.593392724	-0.323392724
6	0.638353065	-0.368353065
7	0.71028961	0.03971039
8	0.755249951	-0.005249951
9	0.817552137	-0.067552137
10	0.871504546	-0.121504546
11	0.93059528	0.46940472
12	0.984547689	0.415452311
13	1.054557362	0.195442638
14	1.105298318	0.144701682
15	1.163746761	0.086253239
16	1.226691238	0.023308762
17	1.288993425	-0.038993425
18	1.351937902	-0.101937902
19	1.407174892	-0.157174892
20	1.456631267	-0.206631267
21	-0.176569369	0.176569369

Significance: Significant
Trend: Upward

Slope 0.000642
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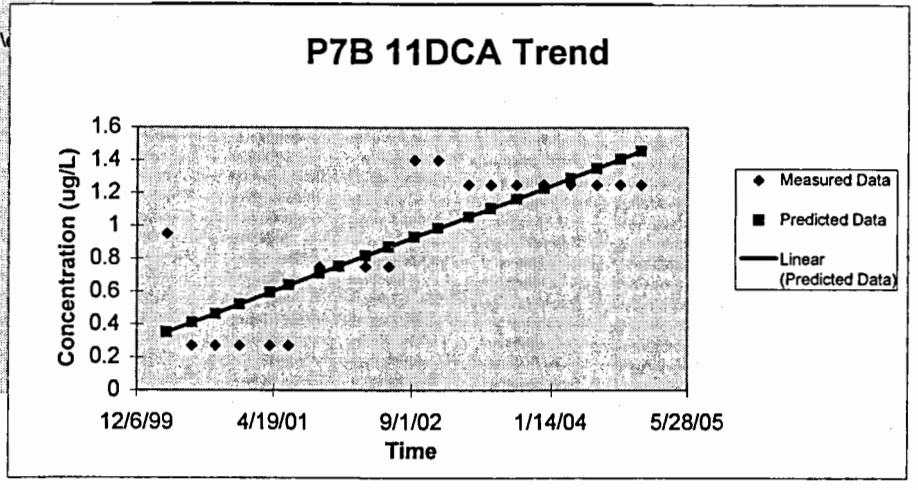
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.27	nd
6/22/00	ug/L	0.305	
9/14/00	ug/L	0.305	
12/13/00	ug/L	0.35	
4/5/01	ug/L	0.305	
6/14/01	ug/L	0.305	
10/4/01	ug/L	0.24	
12/13/01	ug/L	0.285	
3/20/02	ug/L	0.285	
6/12/02	ug/L	0.285	
9/12/02	ug/L	0.175	
12/5/02	ug/L	0.175	
3/24/03	ug/L	0.3	
6/11/03	ug/L	0.3	
9/10/03	ug/L	0.3	
12/17/03	ug/L	0.3	
3/23/04	ug/L	0.3	
6/29/04		0.3	
9/23/04		0.3	
12/9/04		0.33	
1/0/00		0	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.031460497
R Square	0.000989763
Adjusted R Square	-0.054510806
Standard Error	0.044614556
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.54966E-05	3.55E-05	0.017833	0.895246698
Residual	18	0.035828254	0.00199		
Total	19	0.035863751			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	0.190727787	0.711624613	0.268017	0.791733	-1.3043412	1.685797
X Variable 1	2.53588E-06	1.89894E-05	0.133542	0.895247	-3.7359E-05	4.24E-05

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.283561158	-0.013561158
2	0.283791923	0.021208077
3	0.284004937	0.020995063
4	0.284233165	0.065766829
5	0.28451972	0.02048028
6	0.284697231	0.020302769
7	0.284981249	-0.044981254
8	0.28515876	-0.00015876
9	0.28540474	-0.00040474
10	0.285617754	-0.000617754
11	0.285851055	-0.110851055
12	0.286064068	-0.111064068
13	0.286340479	0.013659521
14	0.286540813	0.013459187
15	0.286771578	0.013228422
16	0.287020094	0.012979906
17	0.287266074	0.012733926
18	0.28751459	0.01248541
19	0.287732675	0.012267325
20	0.287927938	0.042072075
21	-4.06776314	4.06776314

Significanc No Trend
Trend: No Trend

Slope 2.54E-06
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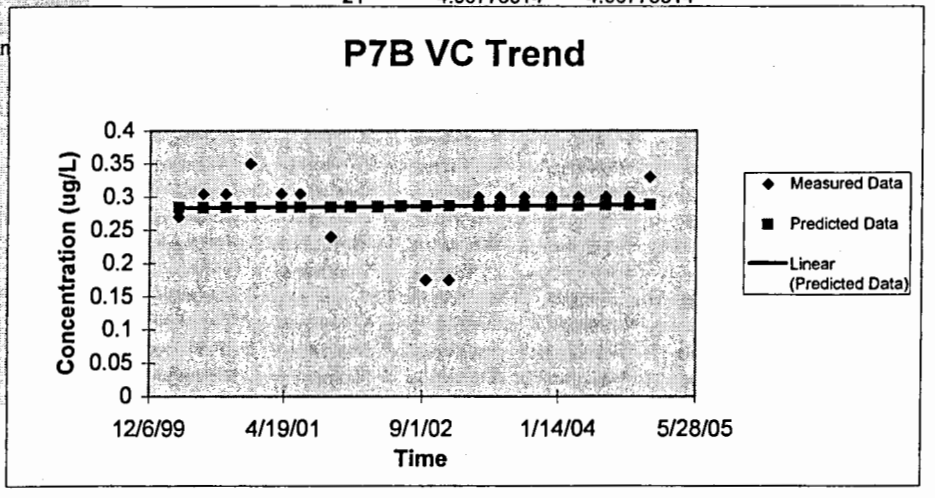
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L
6/22/00	ug/L
9/14/00	ug/L
12/13/00	ug/L
4/5/01	ug/L
6/14/01	ug/L
10/4/01	ug/L
12/13/01	ug/L
3/20/02	ug/L
6/12/02	ug/L
9/12/02	ug/L
12/5/02	ug/L
3/24/03	ug/L
6/11/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/23/04	ug/L
6/29/04	
9/23/04	
12/9/04	
1/0/00	

0.9
1
1.1
0.75
0.9
2.4
5.5
4.3
5.6
3.9
1.9
0.6
3.2
0.83
2.5
4.4
0.8
5.6
3.6
1.2
0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.25653256
R Square	0.065808954
Adjusted R Square	0.013909452
Standard Error	1.799928434
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4.108017355	4.108017	1.268007	0.274930802
Residual	18	58.31536264	3.239742		
Total	19	62.42338			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-29.77669305	28.70976431	-1.037163	0.313393	-90.0937163	30.54033
X Variable 1	0.000862682	0.000766108	1.126058	0.274931	-0.00074685	0.002472

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.804375895	-0.904375918
2	1.882879972	-0.882879972
3	1.955345275	-0.855345251
4	2.03298667	-1.28298667
5	2.130469755	-1.230469779
6	2.190857508	0.209142588
7	2.287477911	3.212522089
8	2.347865663	1.952134528
9	2.431545833	3.168454071
10	2.504011136	1.39598896
11	2.583377896	-0.683377919
12	2.655843198	-2.055843198
13	2.749875555	0.450124493
14	2.818027446	-1.988027463
15	2.896531524	-0.396531524
16	2.981074377	1.418925719
17	3.064754547	-2.264754547
18	3.1492974	2.450702504
19	3.223488067	0.376511838
20	3.289914594	-2.089914547
21	-5.706037948	5.706037948

Significanc No Trend
Trend: No Trend

Slope 0.000863
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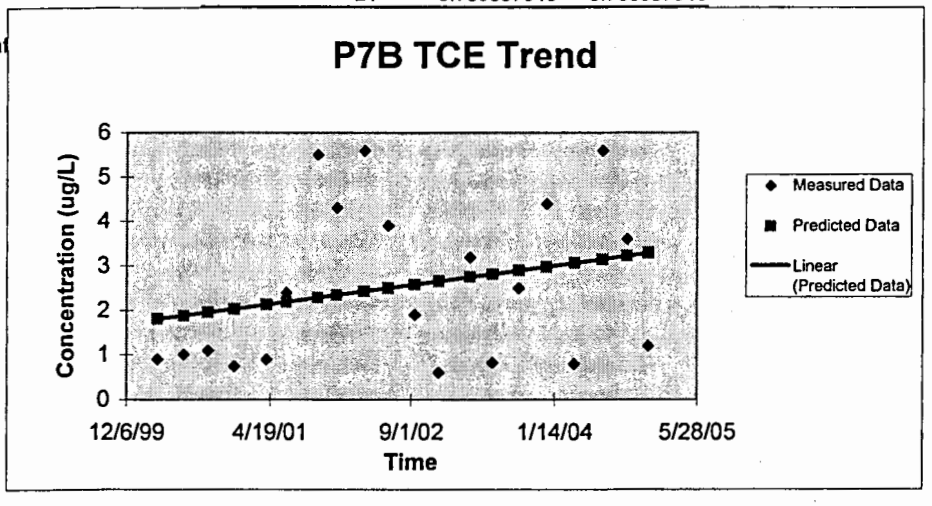
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	1	nd
6/22/00	ug/L	1	
9/14/00	ug/L	0.55	
12/13/00	ug/L	0.55	
4/5/01	ug/L	0.55	
6/14/01	ug/L	0.55	
10/4/01	ug/L	1.25	
12/13/01	ug/L	1.25	
3/20/02	ug/L	1.25	
6/12/02	ug/L	1.25	
9/12/02	ug/L	1.25	
12/5/02	ug/L	1.25	
3/24/03	ug/L	1.5	
6/11/03	ug/L	1.5	
9/10/03	ug/L	1.5	
12/17/03	ug/L	1.5	
3/23/04	ug/L	1.5	
6/29/04		1.5	
9/23/04		1.5	
12/9/04		1.5	
1/0/00		0	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.816959829
R Square	0.667423363
Adjusted R Square	0.648946883
Standard Error	0.214942871
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1.668892118	1.668892	36.12286	1.10364E-05
Residual	18	0.831607882	0.0462		
Total	19	2.5005			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-19.41872961	3.428446961	-5.664002	2.26E-05	-26.621635	-12.21582
X Variable 1	0.000549856	9.14867E-05	6.01023	1.1E-05	0.000357649	0.000742

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.710391956	0.289608044
2	0.760428835	0.239571165
3	0.806616723	-0.256616723
4	0.856103746	-0.306103746
5	0.918237453	-0.368237453
6	0.95672736	-0.40672736
7	1.018311211	0.231688789
8	1.056801117	0.193198883
9	1.110137131	0.139862869
10	1.156325019	0.093674981
11	1.206911754	0.043088246
12	1.253099642	-0.003099642
13	1.313033926	0.186966074
14	1.356472535	0.143527465
15	1.406509414	0.093490586
16	1.460395283	0.039604717
17	1.513731297	-0.013731297
18	1.567617167	-0.067617167
19	1.614904767	-0.114904767
20	1.657243664	-0.157243664
21	-0.138389964	0.138389964

Significanc Significant
Trend: Upward

Slope 0.00055
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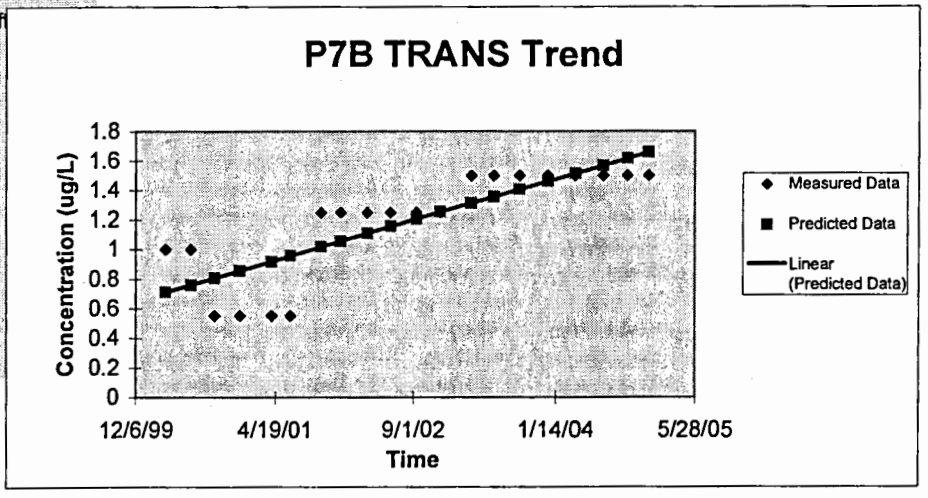
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.75	
6/22/00	ug/L	0.43	
9/14/00	ug/L	0.58	
12/13/00	ug/L	0.53	
4/5/01	ug/L	0.61	
6/14/01	ug/L	0.88	
10/4/01	ug/L	2.3	
12/13/01	ug/L	1.6	
3/20/02	ug/L	2.2	
6/12/02	ug/L	2.5	
9/12/02	ug/L	1.3	
12/5/02	ug/L	1.3	
3/24/03	ug/L	0.99	
6/11/03	ug/L	1.4	
9/10/03	ug/L	1.4	
12/17/03	ug/L	2	
3/23/04	ug/L	1.4	
6/29/04		3.5	
9/23/04		1.6	
12/9/04		1.3	
1/0/00		0	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.533546769
R Square	0.284672155
Adjusted R Square	0.244931719
Standard Error	0.672464578
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.239300127	3.2393	7.163287	0.015402806
Residual	18	8.139754945	0.452209		
Total	19	11.37905507			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-27.27648366	10.72614842	-2.54299	0.020396	-49.8113027	-4.741665
X Variable 1	0.000766056	0.000286223	2.676432	0.015403	0.000164724	0.001367

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.767279122	-0.017279122
2	0.83699018	-0.40699018
3	0.901338849	-0.321338866
4	0.970283852	-0.44028388
5	1.056848133	-0.446848118
6	1.110472023	-0.230472028
7	1.196270249	1.103729704
8	1.249894139	0.350105884
9	1.324201531	0.875798517
10	1.3885502	1.1114498
11	1.459027314	-0.159027314
12	1.523375983	-0.223375983
13	1.606876041	-0.616876032
14	1.667394432	-0.267394432
15	1.73710549	-0.33710549
16	1.812178937	0.187821063
17	1.886486329	-0.486486329
18	1.961559776	1.538440224
19	2.027440556	-0.427440532
20	2.086426836	-0.786426884
21	-16.54595615	16.54595615

Significanc Significant
Trend: Upward

Slope 0.000766
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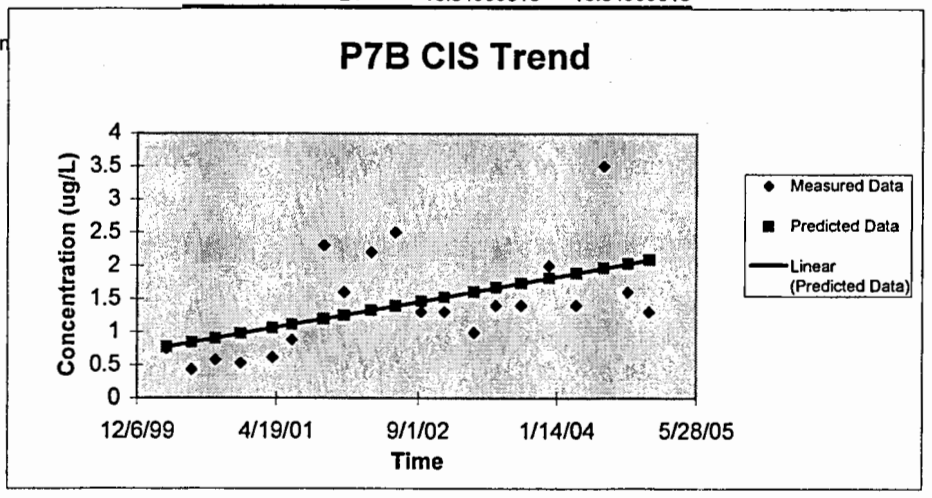
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	0.85	nd
3/24/00	ug/L	1.2	
6/19/00	ug/L	3	
9/12/00	ug/L	1.1	
12/13/00	ug/L	0.56	
4/3/01	ug/L	6.9	
6/13/01	ug/L	1.8	
10/1/01	ug/L	1.1	
12/11/01	ug/L	1.1	
3/19/02	ug/L	1.1	
6/12/02	ug/L	1.1	
9/11/02	ug/L	0.65	
12/17/02	ug/L	1.1	
3/19/03	ug/L	1.5	
6/11/03	ug/L	1.5	
9/9/03	ug/L	1.5	
12/15/03	ug/L	1.5	
3/23/04		1.8	
6/23/04		1.5	
9/22/04		1.5	
12/9/04		1.5	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.117458084
R Square	0.013796402
Adjusted R Square	-0.038109051
Standard Error	1.33630951
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.474642872	0.474643	0.265799	0.612111097
Residual	19	33.92873903	1.785723		
Total	20	34.4033819			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	11.86409491	19.88688451	0.596579	0.557831	-29.7596457	53.48784
X Variable 1	-0.000273916	0.000531302	-0.515557	0.612111	-0.00138594	0.000838

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.852461884	-1.002461884
2	1.836300835	-0.636300787
3	1.812470135	1.187529865
4	1.789187268	-0.689187244
5	1.763986988	-1.203986985
6	1.733582302	5.166417793
7	1.71413426	0.085865693
8	1.68400349	-0.58400349
9	1.664555448	-0.564555448
10	1.637711671	-0.537711671
11	1.614428804	-0.514428804
12	1.58950244	-0.939502463
13	1.562932579	-0.462932579
14	1.537732299	-0.037732299
15	1.514723347	-0.014723347
16	1.4900709	0.0099291
17	1.463501039	0.036498961

Significanc No Trend
Trend: No Trend

Slope -0.000274
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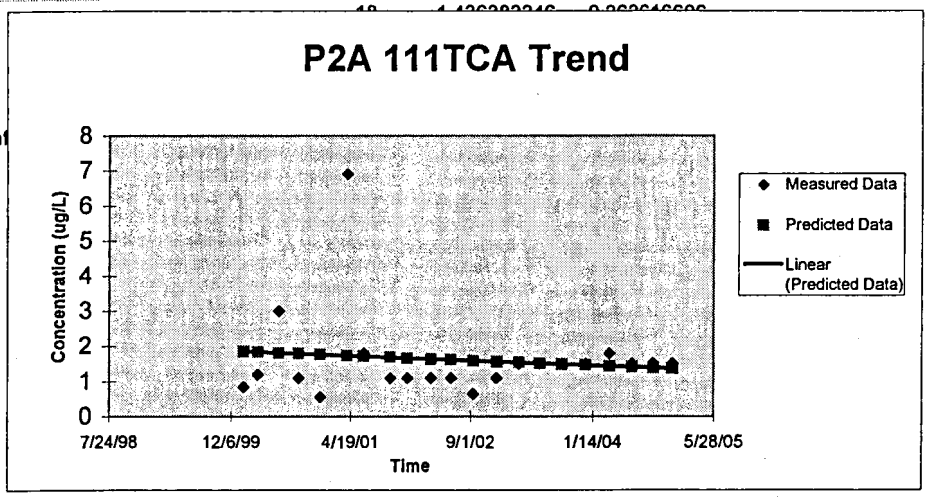
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	0.75	nd
3/24/00	ug/L	0.75	
6/19/00	ug/L	0.75	
9/12/00	ug/L	1.35	
12/13/00	ug/L	1.35	
4/3/01	ug/L	1.35	
6/13/01	ug/L	1.35	
10/1/01	ug/L	1.35	
12/11/01	ug/L	1.35	
3/19/02	ug/L	1.35	
6/12/02	ug/L	1.35	
9/11/02	ug/L	0.9	
12/17/02	ug/L	0.95	
3/19/03	ug/L	0.95	
6/11/03	ug/L	0.95	
9/9/03	ug/L	0.95	
12/15/03	ug/L	0.95	
3/23/04		0.95	
6/23/04		0.95	
9/22/04		0.95	
12/9/04		0.95	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.207357424
R Square	0.042997101
Adjusted R Square	-0.007371472
Standard Error	0.234618106
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.046989689	0.04699	0.853649	0.367107899
Residual	19	1.045867454	0.055046		
Total	20	1.092857143			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	4.297056601	3.491573721	1.230693	0.233456	-3.01089346	11.60501
X Variable 1	-8.61857E-05	9.32815E-05	-0.923931	0.367108	-0.00028143	0.000109

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.146968308	-0.396968308
2	1.141883351	-0.391883351
3	1.134385192	-0.384385192
4	1.127059406	0.222940594
5	1.119130319	0.230869681
6	1.109563703	0.240436297
7	1.103444517	0.246555483
8	1.093964087	0.256035913
9	1.0878449	0.2621551
10	1.079398699	0.270601301
11	1.072072912	0.277927088
12	1.064230011	-0.164230011
13	1.055869996	-0.105869996
14	1.047940909	-0.097940909
15	1.040701308	-0.090701308
16	1.032944593	-0.082944593
17	1.024584577	-0.074584577
18	1.01605219	-0.06605219
19	1.008123103	-0.058123103
20	1.000280202	-0.050280202
21	0.993557716	-0.043557716

Significance: No Trend
Trend: No Trend

Slope -8.62E-05
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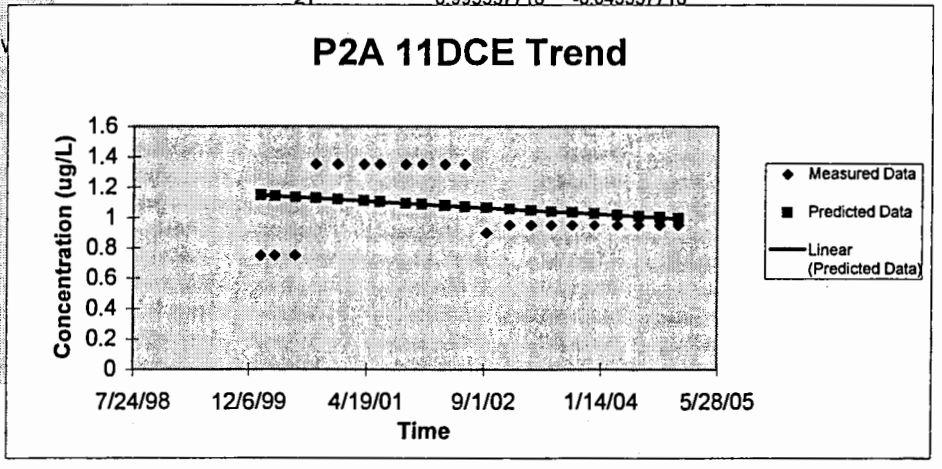
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L
3/24/00	ug/L
6/19/00	ug/L
9/12/00	ug/L
12/13/00	ug/L
4/3/01	ug/L
6/13/01	ug/L
10/1/01	ug/L
12/11/01	ug/L
3/19/02	ug/L
6/12/02	ug/L
9/11/02	ug/L
12/17/02	ug/L
3/19/03	ug/L
6/11/03	ug/L
9/9/03	ug/L
12/15/03	ug/L
3/23/04	
6/23/04	
9/22/04	
12/9/04	

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40
29
28
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SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.308606277
R Square	0.095237834
Adjusted R Square	0.047618773
Standard Error	16.37444736
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	536.2434288	536.2434	1.999994	0.173477768
Residual	19	5094.328	268.1225		
Total	20	5630.571429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	373.72597	243.6836235	1.533652	0.141599	-136.309874	883.7618
X Variable 1	-0.009206934	0.006510296	-1.41421	0.173478	-0.02283314	0.004419

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	37.21251597	-13.21251597
2	36.66930684	-21.66930684
3	35.86830354	19.13169646
4	35.08571412	1.914285885
5	34.23867615	-7.238676146
6	33.21670642	55.78329358
7	32.56301408	7.436985923
8	31.55025129	-2.550251288
9	30.89655894	-2.896558942
10	29.99427937	-8.994279366
11	29.21168994	-12.21168994
12	28.3738589	-4.373858904
13	27.48078626	-3.480786263
14	26.63374829	-13.63374829
15	25.8603658	-10.8603658
16	25.0317417	-4.0317417
17	24.13866906	-3.138669058
18	23.22718255	-1.227182548
19	22.38014458	13.61985542
20	21.54231354	5.457686455
21	20.82417266	6.175827342

Significance: No Trend
Trend: No Trend

Slope -0.00921
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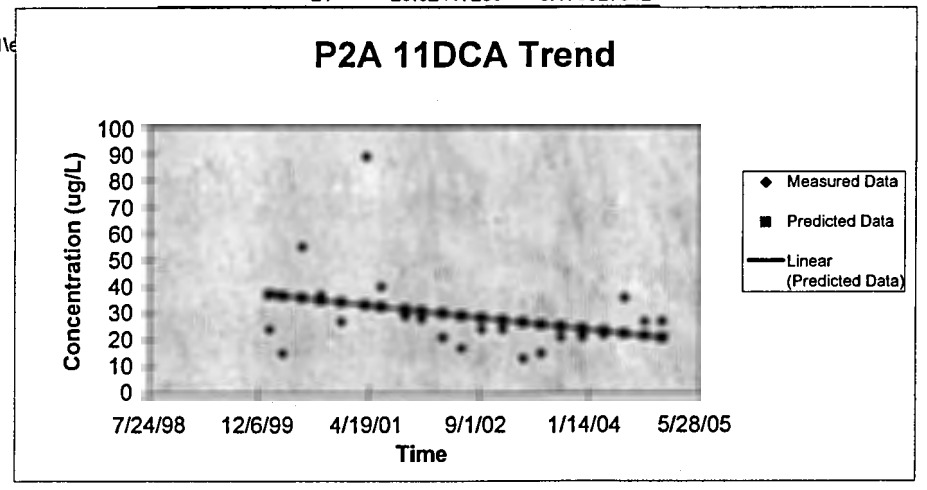
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	1.2
3/24/00	ug/L	0.27
6/19/00	ug/L	1
9/12/00	ug/L	2.5
12/13/00	ug/L	2
4/3/01	ug/L	1.6
6/13/01	ug/L	1.9
10/1/01	ug/L	2.2
12/11/01	ug/L	15
3/19/02	ug/L	0.84
6/12/02	ug/L	0.93
9/11/02	ug/L	1.9
12/17/02	ug/L	1.2
3/19/03	ug/L	1.4
6/11/03	ug/L	0.3
9/9/03	ug/L	1.7
12/15/03	ug/L	1.5
3/23/04		0.73
6/23/04		2.1
9/22/04		4.5
12/9/04		3.3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.04318599
R Square	0.00186503
Adjusted R Square	-0.05066839
Standard Error	3.147931458
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.351803871	0.351804	0.035502	0.852545981
Residual	19	188.2799768	9.909472		
Total	20	188.6317807			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-6.536939829	46.84734252	-0.139537	0.890494	-104.589585	91.51571
X Variable 1	0.000235822	0.001251582	0.188419	0.852546	-0.00238377	0.002855

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	2.082355228	-0.88235518
2	2.096268727	-1.826268727
3	2.116785244	-1.116785244
4	2.136830116	0.363169884
5	2.158525742	-0.158525742
6	2.184701987	-0.584701963
7	2.201445351	-0.301445375
8	2.227385774	-0.027385726
9	2.244129138	12.75587086
10	2.267239696	-1.427239723
11	2.287284569	-1.357284562
12	2.308744373	-0.408744397
13	2.33161911	-1.131619062
14	2.353314736	-0.95331476
15	2.373123786	-2.073123786
16	2.394347769	-0.694347721
17	2.417222505	-0.917222505
18	2.440568886	-1.710568867
19	2.462264512	-0.362264607
20	2.483724316	2.016275684
21	2.502118435	0.797881518

Significanc No Trend
Trend: No Trend

Slope 0.000236
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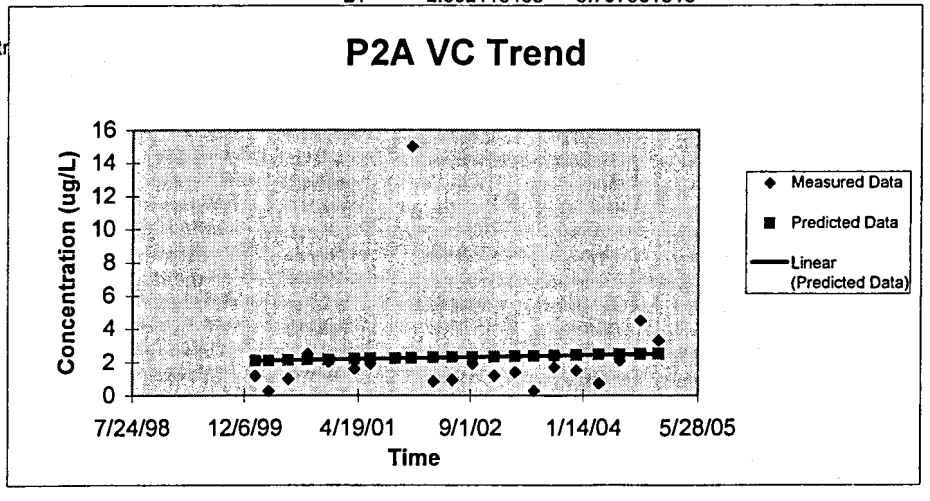
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	3.8
3/24/00	ug/L	32
6/19/00	ug/L	13
9/12/00	ug/L	9.9
12/13/00	ug/L	6.2
4/3/01	ug/L	7.7
6/13/01	ug/L	10
10/1/01	ug/L	4.6
12/11/01	ug/L	27
3/19/02	ug/L	8.5
6/12/02	ug/L	4.2
9/11/02	ug/L	8.2
12/17/02	ug/L	2.1
3/19/03	ug/L	4
6/11/03	ug/L	1.7
9/9/03	ug/L	8.4
12/15/03	ug/L	4.1
3/23/04		2.8
6/23/04		2.8
9/22/04		10
12/9/04		1.2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.46731011
R Square	0.218378738
Adjusted R Square	0.177240777
Standard Error	7.102407399
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	267.7803775	267.7804	5.308448	0.032683018
Residual	19	958.4396263	50.44419		
Total	20	1226.220004			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	251.7019104	105.6976356	2.381339	0.027864	30.47414789	472.9297
X Variable 1	-0.00650614	0.002823837	-2.304007	0.032683	-0.0124165	-0.000596

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	13.90247711	-10.10247715
2	13.51861482	18.48138518
3	12.9525806	0.0474194
4	12.39955866	-2.499559043
5	11.80099374	-5.600993932
6	11.07881215	-3.378812342
7	10.61687618	-0.616876179
8	9.90120073	-5.301200826
9	9.439264759	17.56073524
10	8.801662995	-0.301662995
11	8.248641057	-4.048641247
12	7.656582276	0.543417533
13	7.025486653	-4.925486748
14	6.426921732	-2.426921732
15	5.880405934	-4.180405886
16	5.294853294	3.105146325
17	4.66375767	-0.563757766
18	4.019649766	-1.219649814
19	3.421084845	-0.621084893
20	2.829026064	7.170973936
21	2.321547109	-1.121547062

Significanc Significant
Trend: Downward

Slope -0.006506
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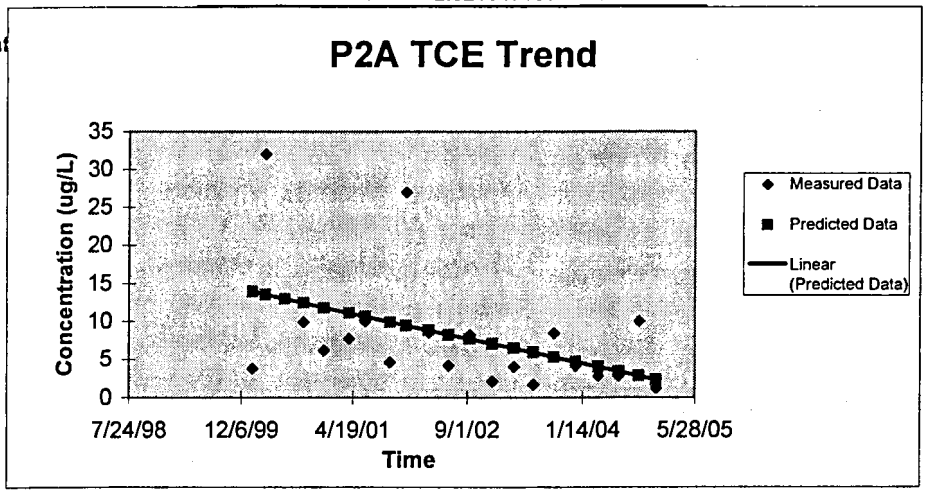
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	3.5
3/24/00	ug/L	2.6
6/19/00	ug/L	3
9/12/00	ug/L	5.8
12/13/00	ug/L	5.1
4/3/01	ug/L	2.1
6/13/01	ug/L	3
10/1/01	ug/L	6.1
12/11/01	ug/L	7.3
3/19/02	ug/L	1.6
6/12/02	ug/L	1.25
9/11/02	ug/L	4.9
12/17/02	ug/L	7.8
3/19/03	ug/L	1.7
6/11/03	ug/L	1.7
9/9/03	ug/L	3.5
12/15/03	ug/L	2.6
3/23/04		1
6/23/04		1.5
9/22/04		3.1
12/9/04		2.6

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.294721146
R Square	0.086860554
Adjusted R Square	0.038800583
Standard Error	1.958444857
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	6.932051625	6.932052	1.807337	0.194660245
Residual	19	72.87461892	3.835506		
Total	20	79.80667054			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	42.59481377	29.14546847	1.461456	0.160233	-18.4073718	103.597
X Variable 1	-0.001046803	0.000778656	-1.344372	0.19466	-0.00267655	0.000583

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	4.334164567	-0.834164567
2	4.272403191	-1.672403286
3	4.181331331	-1.181331331
4	4.092353077	1.707647114
5	3.996047202	1.103952702
6	3.879852071	-1.779852166
7	3.805529058	-0.805529058
8	3.69038073	2.409619175
9	3.616057718	3.683942473
10	3.513471025	-1.913471001
11	3.424492771	-2.174492771
12	3.329233699	1.570766396
13	3.227693809	4.572306382
14	3.131387934	-1.431387887
15	3.043456483	-1.343456436
16	2.949244214	0.550755786
17	2.847704325	-0.24770442
18	2.744070829	-1.744070829
19	2.647764954	-1.147764954
20	2.552505882	0.547494023
21	2.470855249	0.129144656

Significanc No Trend
Trend: No Trend

Slope -0.001047
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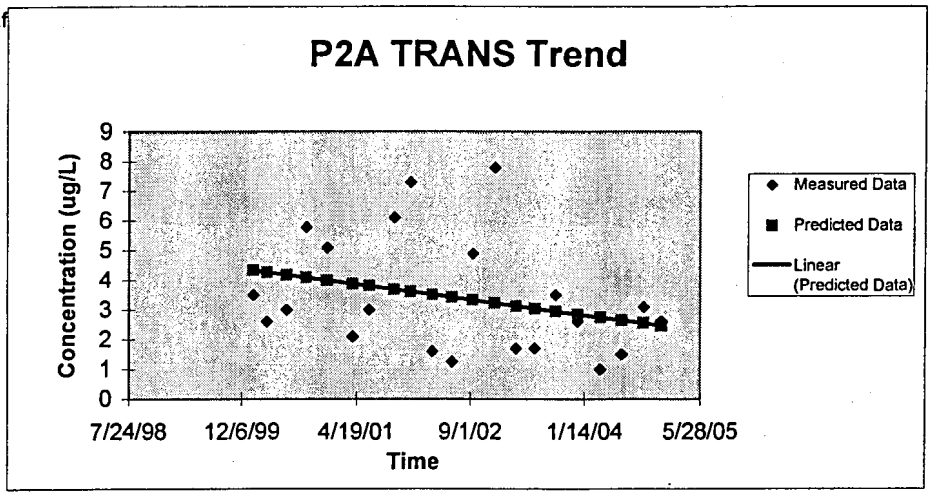
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	2
3/24/00	ug/L	26
6/19/00	ug/L	13
9/12/00	ug/L	5.8
12/13/00	ug/L	3.1
4/3/01	ug/L	16
6/13/01	ug/L	8.1
10/1/01	ug/L	4.8
12/11/01	ug/L	36
3/19/02	ug/L	1.4
6/12/02	ug/L	3.4
9/11/02	ug/L	3.6
12/17/02	ug/L	2
3/19/03	ug/L	0.84
6/11/03	ug/L	1.3
9/9/03	ug/L	2.4
12/15/03	ug/L	1.2
3/23/04		1.2
6/23/04		7.4
9/22/04		4.5
12/9/04		1.9

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.408591581
R Square	0.16694708
Adjusted R Square	0.12310219
Standard Error	8.47667242
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	273.596564	273.5966	3.807675	0.065920247
Residual	19	1365.225531	71.85398		
Total	20	1638.822095			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	253.0816582	126.1493719	2.006206	0.059283	-10.9520938	517.1154
X Variable 1	-0.006576418	0.003370229	-1.951326	0.06592	-0.01363039	0.000478

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	12.71359724	-10.71359724
2	12.3255886	13.6744114
3	11.75344028	1.246559722
4	11.19444479	-5.394444597
5	10.58941437	-7.48941447
6	9.859432028	6.140567972
7	9.392506383	-1.292506001
8	8.669100454	-3.869100263
9	8.202174809	27.79782519
10	7.55768589	-6.157685914
11	6.998690399	-3.598690304
12	6.400236403	-2.800236499
13	5.762323902	-3.762323902
14	5.157293489	-4.317293515
15	4.604874416	-3.304874464
16	4.012996838	-1.612996742
17	3.375084337	-2.175084289
18	2.724019	-1.524018953
19	2.118988587	5.281011508
20	1.520534591	2.979465409

Significanc Significant
Trend: Downward

Slope -0.0065
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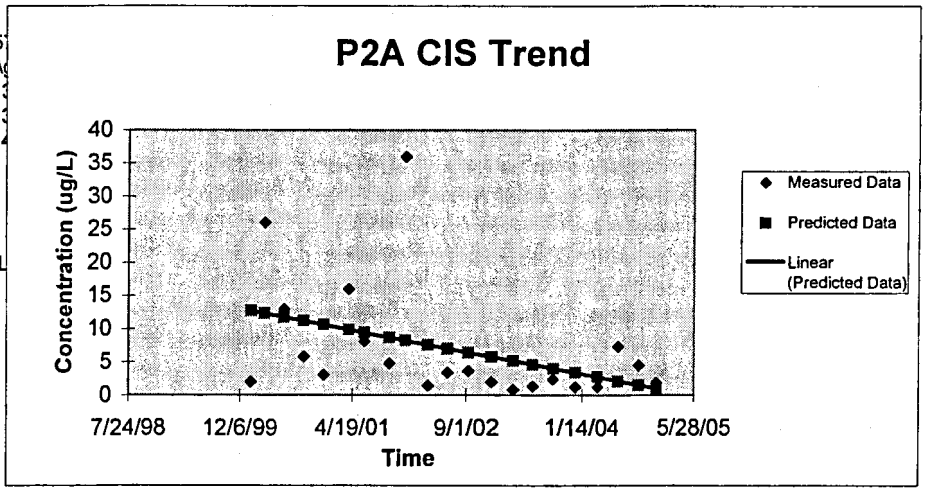
Measured Data
Predicted Data
Concentration (ug/L
Time



1/25/00	ug/L	3.1	nd
3/24/00	ug/L	4.8	
6/19/00	ug/L	4.15	
9/12/00	ug/L	3.35	
12/13/00	ug/L	3.2	
4/3/01	ug/L	2.5	
6/13/01	ug/L	2.4	
10/1/01	ug/L	5.5	
12/11/01	ug/L	5.5	
3/19/02	ug/L	5.5	
6/12/02	ug/L	5.5	
9/11/02	ug/L	5	
12/17/02	ug/L	5.5	
3/19/03	ug/L	7.5	
6/11/03	ug/L	7.5	
9/9/03	ug/L	7.5	
12/15/03	ug/L	7.5	
3/23/04		7.5	
6/23/04		7.5	
9/22/04		7.5	
12/9/04		7.5	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.848119759
R Square	0.719307126
Adjusted R Square	0.704533817
Standard Error	0.251099034
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.069917181	3.069917	48.68964	1.19904E-06
Residual	19	1.197963771	0.063051		
Total	20	4.267880952			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-25.01567546	3.735065713	-6.69752	2.11E-06	-32.8332603	-17.19809
X Variable 1	0.000696273	9.97841E-05	6.977796	1.2E-06	0.000487423	0.000905

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.433813715	0.416186285
2	0.474197572	0.375802428
3	0.536165905	-0.201165905
4	0.594652871	-0.259652871
5	0.658013751	-0.323013751
6	0.735996372	-0.400996372
7	0.785431783	-0.450431783
8	0.862021858	0.237978142
9	0.910760996	0.189239004
10	0.979692063	0.120307937
11	1.038875302	0.061124698
12	1.102236182	-0.052236182
13	1.169078429	-0.069078429
14	1.233135582	0.266864418
15	1.292318821	0.207681179
16	1.354983428	0.145016572
17	1.423218221	0.076781779

Significanc Significant
Trend: Upward

Slope 0.000696
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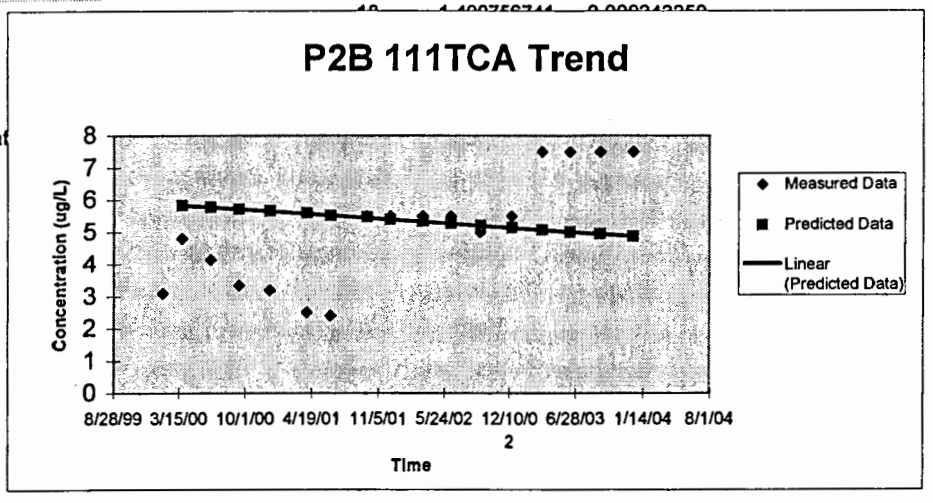
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	3.65
3/24/00	ug/L	2.9
6/19/00	ug/L	3
9/12/00	ug/L	13.5
12/13/00	ug/L	2.2
4/3/01	ug/L	6.5
6/13/01	ug/L	6.5
10/1/01	ug/L	6.5
12/11/01	ug/L	6.5
3/19/02	ug/L	6.5
6/12/02	ug/L	6.5
9/11/02	ug/L	4.45
12/17/02	ug/L	4.65
3/19/03	ug/L	4.75
6/11/03	ug/L	4.75
9/9/03	ug/L	4.2
12/15/03	ug/L	4.75
3/23/04		4.75
6/23/04		4.75
9/22/04		3.1
12/9/04		4.75

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.172992316
R Square	0.029926341
Adjusted R Square	-0.021130167
Standard Error	2.348782087
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.23361244	3.233612	0.586142	0.453321392
Residual	19	104.8187686	5.516777		
Total	20	108.052381			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	31.95582436	34.95444562	0.914213	0.372061	-41.2046939	105.1163
X Variable 1	-0.000714954	0.000933849	-0.765599	0.453321	-0.00266952	0.00124

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	5.824259116	-2.174259116
2	5.782076836	-2.88207674
3	5.719875846	-2.719875846
4	5.659104764	7.840895236
5	5.593329005	-3.393328957
6	5.513969121	0.986030879
7	5.463207394	1.036792606
8	5.384562464	1.115437536
9	5.333800737	1.166199263
10	5.263735254	1.236264746
11	5.202964172	1.297035828
12	5.137903367	-0.687903367
13	5.068552838	-0.418552838
14	5.002777079	-0.252777079
15	4.942720951	-0.192720951
16	4.878375099	-0.67837529
17	4.809024571	-0.059024571
18	4.738244134	0.011755866
19	4.672468375	0.077531625
20	4.607407569	-1.507407665
21	4.551641165	0.198358835

Significance: No Trend
Trend: No Trend

Slope -0.000715
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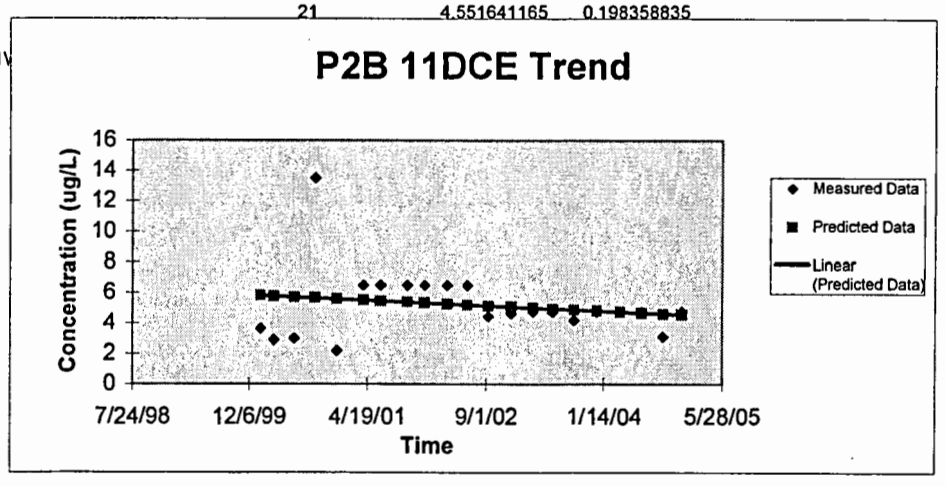
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L
3/24/00	ug/L
6/19/00	ug/L
9/12/00	ug/L
12/13/00	ug/L
4/3/01	ug/L
6/13/01	ug/L
10/1/01	ug/L
12/11/01	ug/L
3/19/02	ug/L
6/12/02	ug/L
9/11/02	ug/L
12/17/02	ug/L
3/19/03	ug/L
6/11/03	ug/L
9/9/03	ug/L
12/15/03	ug/L
3/23/04	
6/23/04	
9/22/04	
12/9/04	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.481595622
R Square	0.231934343
Adjusted R Square	0.191509835
Standard Error	3.561684389
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	72.78320571	72.78321	5.737469	0.027068214
Residual	19	241.0263181	12.6856		
Total	20	313.8095238			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	146.7107013	53.00479086	2.767876	0.01225	35.77036461	257.651
X Variable 1	-0.003391952	0.001416086	-2.3953	0.027068	-0.00635585	-0.00043

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	22.7348696	-0.734869597
2	22.53474445	3.465255549
3	22.23964466	2.76035534
4	21.95132877	2.048671228
5	21.63926922	0.360730777
6	21.26276259	-2.262762593
7	21.02193403	-3.021934028
8	20.64881935	-4.64881935
9	20.40799078	-2.407990785
10	20.07557953	-2.075579526
11	19.78726364	-5.787263638
12	19.47859604	-0.478596041
13	19.14957673	3.850423266
14	18.83751718	1.162482816
15	18.55259325	6.447406752
16	18.2473176	7.752682398
17	17.9182983	-0.918298295
18	17.58249508	0.417504915
19	17.27043554	-3.270435536
20	16.96176794	0.038232062
21	16.69719571	-2.697195712

Significance: Significant
Trend: Downward

Slope -0.00339
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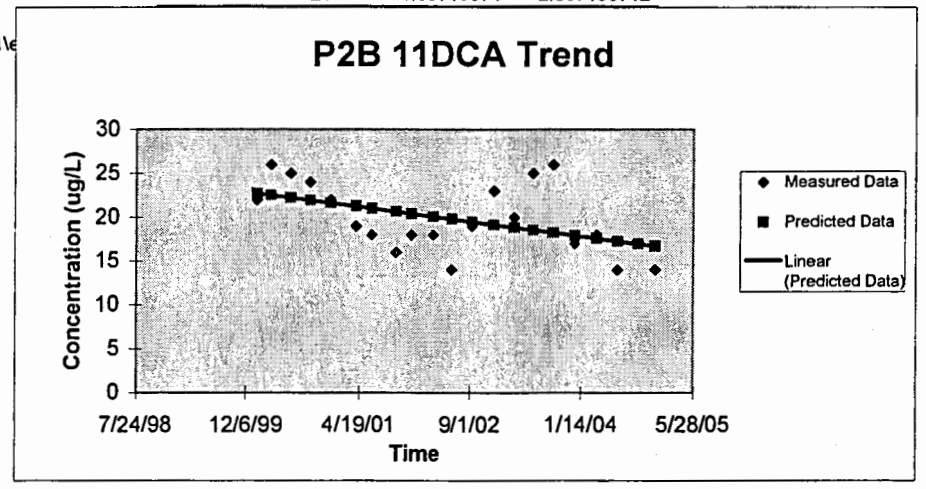
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	370
3/24/00	ug/L	340
6/19/00	ug/L	450
9/12/00	ug/L	340
12/13/00	ug/L	390
4/3/01	ug/L	330
6/13/01	ug/L	330
10/1/01	ug/L	300
12/11/01	ug/L	400
3/19/02	ug/L	310
6/12/02	ug/L	290
9/11/02	ug/L	360
12/17/02	ug/L	390
3/19/03	ug/L	250
6/11/03	ug/L	360
9/9/03	ug/L	460
12/15/03	ug/L	290
3/23/04		350
6/23/04		270
9/22/04		380
12/9/04		300

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.247144264
R Square	0.061080287
Adjusted R Square	0.01166346
Standard Error	54.50373617
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3671.797837	3671.798	1.236022	0.28010949
Residual	19	56442.48788	2970.657		
Total	20	60114.28571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1247.394166	811.1215989	1.537863	0.14057	-450.303379	2945.092
X Variable 1	-0.024092032	0.021670071	-1.111765	0.280109	-0.06944803	0.021264

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	366.8303786	3.169621428
2	365.4089487	-25.40894866
3	363.3129418	86.68705817
4	361.2651191	-21.26511907
5	359.0486521	30.95134792
6	356.3744365	-26.37443647
7	354.6639022	-24.66390216
8	352.0137786	-52.01377859
9	350.3032443	49.69675572
10	347.9422251	-37.9422251
11	345.8944023	-55.89440234
12	343.7020274	16.29797262
13	341.3651002	48.63489977
14	339.1486332	-89.14863324
15	337.1249025	22.87509749
16	334.9566196	125.0433804
17	332.6196924	-42.61969244
18	330.2345812	19.76541878
19	328.0181142	-58.01811423
20	325.8257393	54.17426073
21	323.9465607	-23.94656074

Significanc No Trend
Trend: No Trend

Slope -0.024092
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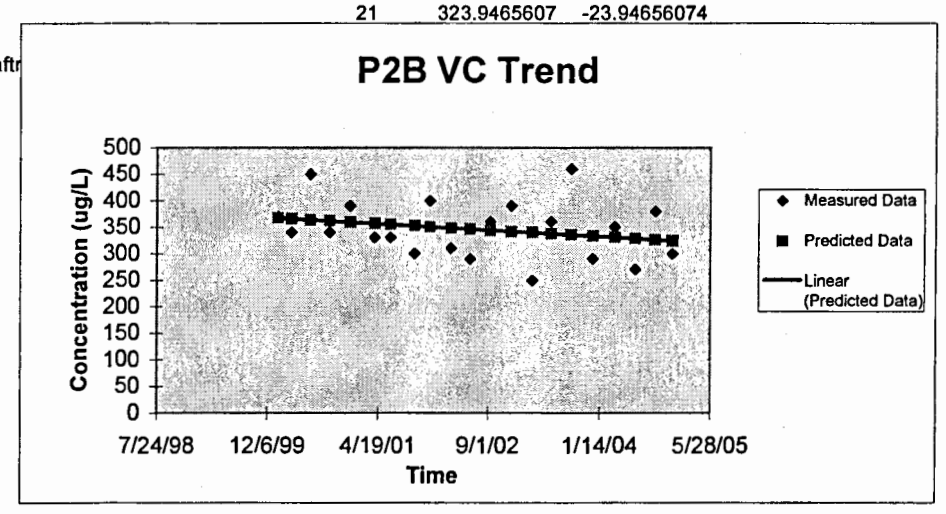
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	210
3/24/00	ug/L	170
6/19/00	ug/L	210
9/12/00	ug/L	170
12/13/00	ug/L	200
4/3/01	ug/L	190
6/13/01	ug/L	170
10/1/01	ug/L	150
12/11/01	ug/L	170
3/19/02	ug/L	140
6/12/02	ug/L	150
9/11/02	ug/L	180
12/17/02	ug/L	160
3/19/03	ug/L	190
6/11/03	ug/L	150
9/9/03	ug/L	170
12/15/03	ug/L	120
3/23/04		120
6/23/04		100
9/22/04		110
12/9/04		110

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.804668502
R Square	0.647491399
Adjusted R Square	0.628938314
Standard Error	20.10233432
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	14102.97932	14102.98	34.89939	1.09315E-05
Residual	19	7677.973059	404.1038		
Total	20	21780.95238			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1926.177347	299.1618319	6.43858	3.58E-06	1300.024242	2552.33
X Variable 1	-0.047216033	0.007992461	-5.907571	1.09E-05	-0.06394445	-0.030488

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	200.4313476	9.56865239
2	197.6456017	-27.64560167
3	193.5378068	16.46219318
4	189.524444	-19.52444403
5	185.180569	14.81943099
6	179.9395894	10.06041063
7	176.587251	-6.587251043
8	171.3934874	-21.39348743
9	168.0411491	1.958850894
10	163.4139779	-23.41397789
11	159.4006151	-9.400615102
12	155.1039561	24.89604388
13	150.5240009	9.475999065
14	146.1801259	43.81987408
15	142.2139792	7.786020839
16	137.9645362	32.03546379
17	133.384581	-13.38458103
18	128.7101938	-8.710193779
19	124.3663188	-24.36631876
20	120.0696598	-10.06965978
21	116.3868092	-6.386809217

Significanc Significant
Trend: Downward

Slope -0.047216
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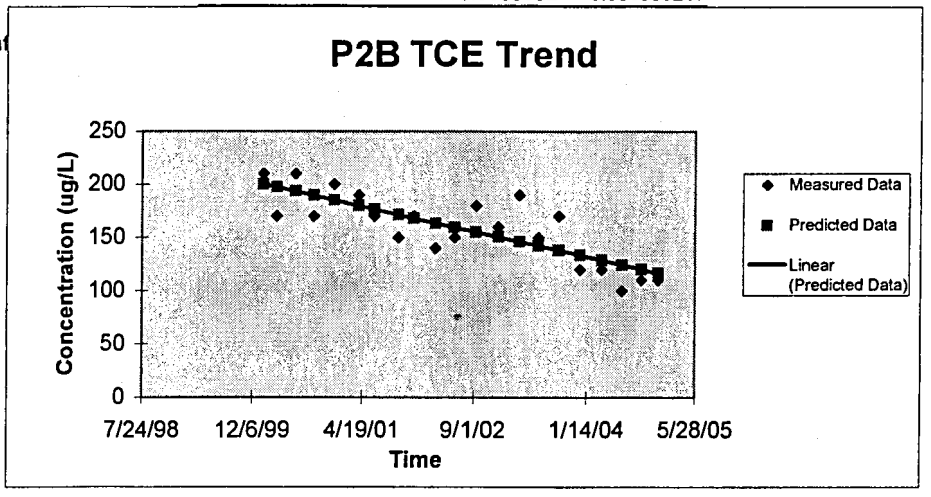
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	9.8	
3/24/00	ug/L	12	
6/19/00	ug/L	12	
9/12/00	ug/L	21	
12/13/00	ug/L	15	
4/3/01	ug/L	15	
6/13/01	ug/L	9.8	
10/1/01	ug/L	9.2	
12/11/01	ug/L	13	
3/19/02	ug/L	9.4	
6/12/02	ug/L	11	
9/11/02	ug/L	9.2	
12/17/02	ug/L	7.8	
3/19/03	ug/L	9.8	
6/11/03	ug/L	10	
9/9/03	ug/L	11	
12/15/03	ug/L	6.1	
3/23/04		8.7	
6/23/04		6.2	
9/22/04		7.6	
12/9/04		8.2	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.646223076
R Square	0.417604264
Adjusted R Square	0.386951857
Standard Error	2.656979759
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	96.17824114	96.17824	13.62387	0.001551058
Residual	19	134.1312874	7.059541		
Total	20	230.3095285			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	156.4942001	39.54102639	3.957768	0.000844	73.73385504	239.2545
X Variable 1	-0.003899173	0.001056385	-3.691052	0.001551	-0.00611021	-0.001688

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	13.97943679	-4.179436597
2	13.7493856	-1.749385596
3	13.41015757	-1.410157568
4	13.07872789	7.921272114
5	12.720004	2.279996005
6	12.28719582	2.712804178
7	12.01035456	-2.210354367
8	11.58144556	-2.381445748
9	11.30460429	1.695395707
10	10.92248537	-1.522485747
11	10.59105568	0.408944316
12	10.23623097	-1.036231156
13	9.85801121	-2.058011019
14	9.499287319	0.300712872
15	9.171756809	0.828243191
16	8.820831264	2.179168736
17	8.442611509	-2.342611604
18	8.056593408	0.643406401
19	7.697869517	-1.497869708
20	7.343044798	0.256955106
21	7.038909325	1.161090484

Significanc Significant
Trend: Downward

Slope -0.003899
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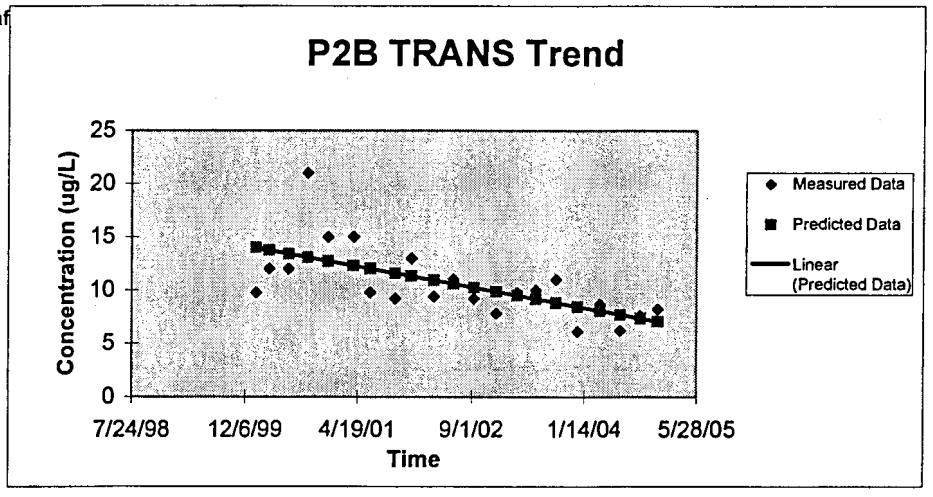
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	530
3/24/00	ug/L	470
6/19/00	ug/L	600
9/12/00	ug/L	490
12/13/00	ug/L	570
4/3/01	ug/L	520
6/13/01	ug/L	480
10/1/01	ug/L	470
12/11/01	ug/L	520
3/19/02	ug/L	520
6/12/02	ug/L	440
9/11/02	ug/L	540
12/17/02	ug/L	540
3/19/03	ug/L	530
6/11/03	ug/L	530
9/9/03	ug/L	600
12/15/03	ug/L	400
3/23/04		450
6/23/04		410
9/22/04		450
12/9/04		450

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.42735021
R Square	0.182628202
Adjusted R Square	0.139608634
Standard Error	52.26411514
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	11596.02119	11596.02	4.245236	0.053322483
Residual	19	51899.21691	2731.538		
Total	20	63495.2381			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	2102.863506	777.7916822	2.703633	0.014078	474.9263001	3730.801
X Variable 1	-0.042814272	0.020779623	-2.060397	0.053322	-0.08630654	0.000678

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	538.0018801	-8.00188012
2	535.4758381	-65.4758381
3	531.7509965	68.24900353
4	528.1117834	-38.11178339
5	524.1728704	45.8271296
6	519.4204863	0.579513741
7	516.380673	-36.38067298
8	511.6711031	-41.6711031
9	508.6312898	11.36871018
10	504.4354912	15.56450879
11	500.7962781	-60.79627813
12	496.9001794	43.09982059
13	492.7471951	47.25280493
14	488.8082821	41.19171791
15	485.2118833	44.78811673
16	481.3585988	118.6414012
17	477.2056145	-77.20561449
18	472.9670016	-22.9670016
19	469.0280886	-59.02808862
20	465.1319899	-15.13198991
21	461.7924767	-11.79247672

Significanc Significant
Trend: Downward

Slope -0.042814
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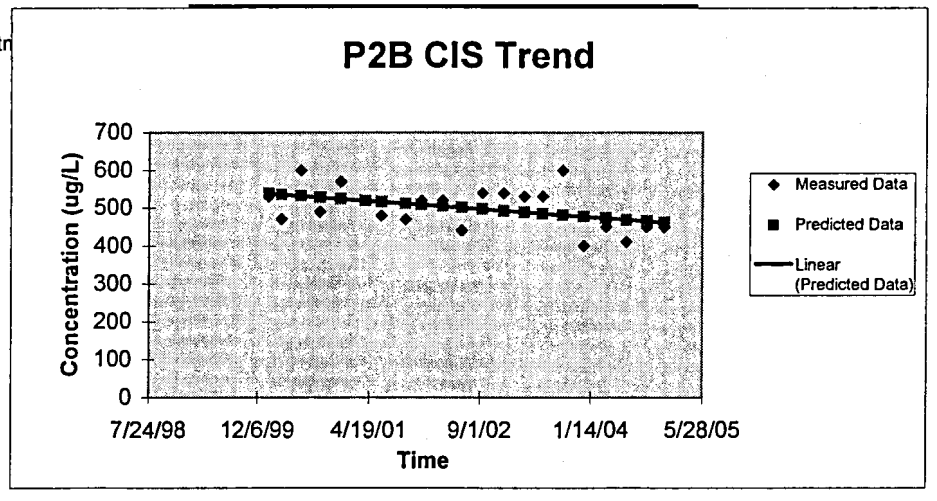
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L
6/21/00	ug/L
9/13/00	ug/L
12/15/00	ug/L
4/4/01	ug/L
6/14/01	ug/L
10/4/01	ug/L
12/13/01	ug/L
3/20/02	ug/L
6/13/02	ug/L
9/12/02	ug/L
12/17/02	ug/L
3/24/03	ug/L
6/12/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/25/04	ug/L
6/29/04	
9/23/04	
12/14/04	

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SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.65000396
R Square	0.422505148
Adjusted R Square	0.3904221
Standard Error	2.795709534
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	102.929648	102.9296	13.16911	0.00191959
Residual	18	140.6878524	7.815992		
Total	19	243.6175004			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	172.3521159	44.52915537	3.870545	0.001121	78.79975959	265.9045
X Variable 1	-0.004311925	0.00118821	-3.628927	0.00192	-0.00680826	-0.001816

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	14.50115034	-2.501150336
2	14.11307705	-4.113077048
3	13.75087531	-0.750875314
4	13.34986625	-1.34986625
5	12.87555445	1.124445546
6	12.56940775	2.43059225
7	12.0864721	1.913527897
8	11.78463732	-3.584637515
9	11.36638056	1.633619441
10	10.9998669	1.000133102
11	10.60748169	3.392518314
12	10.19353685	5.806463154
13	9.775280081	2.224719919
14	9.430326047	1.569673953
15	9.04225276	1.95774724
16	8.619684069	0.08031574
17	8.192803453	-2.892803262
18	7.778858613	-2.678858709
19	7.408033027	-3.608033075
20	7.054455143	-1.654455048
21	0.676711038	-0.676711038

Significanc Significant
Trend: Downward

Slope -0.004312

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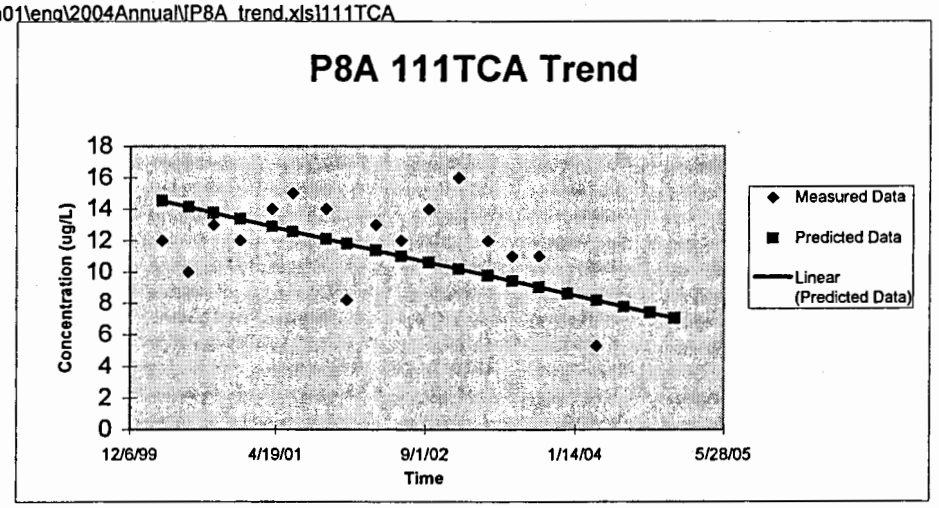
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	3.9
6/21/00	ug/L	4
9/13/00	ug/L	3.7
12/15/00	ug/L	3.1
4/4/01	ug/L	3.9
6/14/01	ug/L	4.4
10/4/01	ug/L	4.2
12/13/01	ug/L	2.8
3/20/02	ug/L	4.7
6/13/02	ug/L	3.5
9/12/02	ug/L	3.9
12/17/02	ug/L	3.5
3/24/03	ug/L	3.8
6/12/03	ug/L	3.1
9/10/03	ug/L	2.8
12/17/03	ug/L	2.6
3/25/04	ug/L	2.1
6/29/04		2
9/23/04		1.3
12/14/04		1.8

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.759847528
R Square	0.577368265
Adjusted R Square	0.553888724
Standard Error	0.621471414
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	9.497419555	9.49742	24.59027	0.000101496
Residual	18	6.952080927	0.386227		
Total	19	16.44950048			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	52.33588892	9.898595261	5.287204	5.01E-05	31.53969587	73.13208
X Variable 1	-0.001309796	0.000264133	-4.958858	0.000101	-0.00186472	-0.000755

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	4.386860571	-0.486860476
2	4.268978891	-0.268978891
3	4.15895599	-0.458955942
4	4.03714492	-0.937145015
5	3.893067311	0.006932785
6	3.800071763	0.599928332
7	3.653374561	0.546625248
8	3.56168881	-0.761688857
9	3.434638554	1.265361255
10	3.323305856	0.176694144
11	3.204114379	0.695885716
12	3.07837392	0.42162608
13	2.951323665	0.848676287
14	2.846539949	0.253459955
15	2.728658269	0.071341683
16	2.600298217	-0.000298312
17	2.470628369	-0.370628464
18	2.34488791	-0.34488791
19	2.232245415	-0.932245463
20	2.124842107	-0.324842154
21	0.205487896	-0.205487896

Significance: Significant
Trend: Downward

Slope -0.00131
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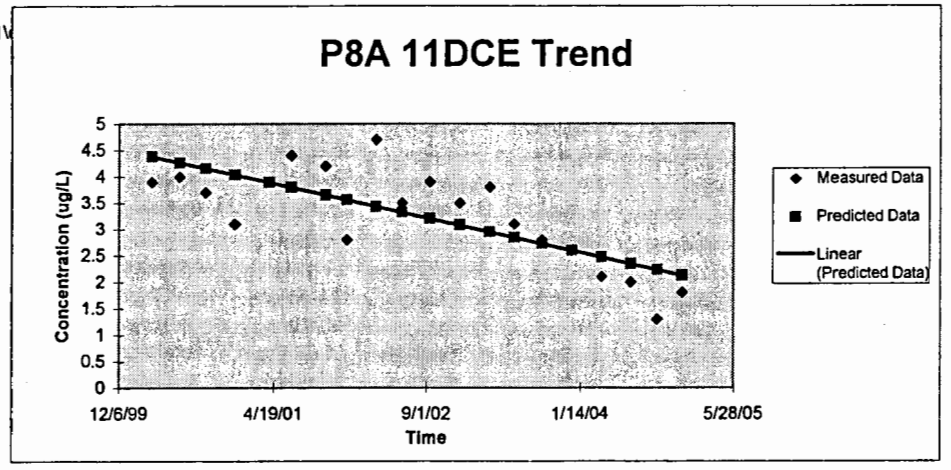
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L
6/21/00	ug/L
9/13/00	ug/L
12/15/00	ug/L
4/4/01	ug/L
6/14/01	ug/L
10/4/01	ug/L
12/13/01	ug/L
3/20/02	ug/L
6/13/02	ug/L
9/12/02	ug/L
12/17/02	ug/L
3/24/03	ug/L
6/12/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/25/04	ug/L
6/29/04	
9/23/04	
12/14/04	
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SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.59166228
R Square	0.350064253
Adjusted R Square	0.313956712
Standard Error	9.058487369
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	795.5385184	795.5385	9.695045	0.005996995
Residual	18	1477.011482	82.05619		
Total	19	2272.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	487.0504827	144.280651	3.375716	0.003368	183.9278485	790.1731
X Variable 1	-0.011987582	0.003849964	-3.11369	0.005997	-0.02007606	-0.0039

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	48.20906926	-13.20906926
2	47.13018685	-9.13018685
3	46.12322994	-5.123229936
4	45.00838478	-2.00838478
5	43.68975073	5.310249274
6	42.83863238	9.161367619
7	41.49602316	5.503976838
8	40.6568924	-10.6568924
9	39.49409691	9.505903085
10	38.47515242	-0.475152418
11	37.38428243	13.61571757
12	36.23347452	10.76652548
13	35.07067904	6.92932096
14	34.11167245	6.888327545
15	33.03279005	6.967209954
16	31.85800698	1.141993021
17	30.67123633	-7.67123633
18	29.52042843	-9.520428427
19	28.48949635	-15.48949635
20	27.5065146	-2.506514598
21	1.912320228	-1.912320228

Significance: Significant
Trend: Downward

Slope -0.01199
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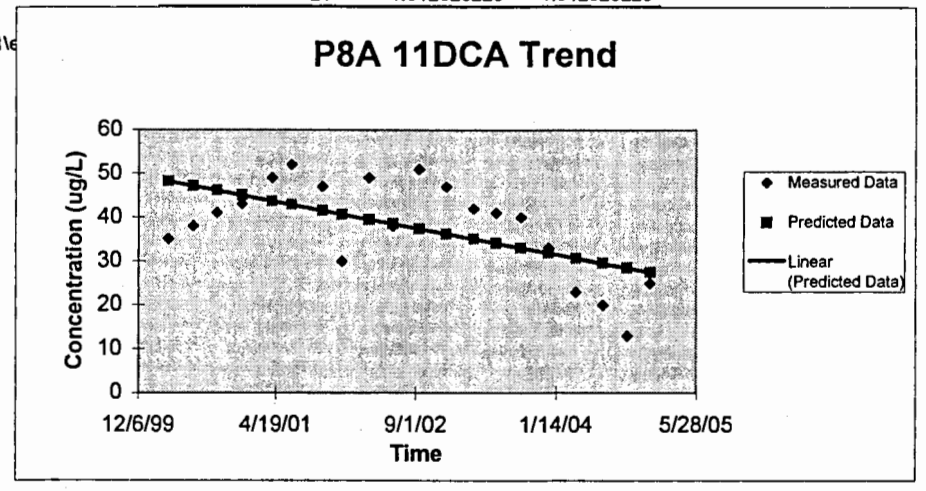
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	37
6/21/00	ug/L	28
9/13/00	ug/L	11
12/15/00	ug/L	14
4/4/01	ug/L	23
6/14/01	ug/L	28
10/4/01	ug/L	35
12/13/01	ug/L	27
3/20/02	ug/L	46
6/13/02	ug/L	33
9/12/02	ug/L	37
12/17/02	ug/L	28
3/24/03	ug/L	36
6/12/03	ug/L	27
9/10/03	ug/L	25
12/17/03	ug/L	20
3/25/04	ug/L	7.2
6/29/04		4.5
9/23/04		5
12/14/04		12
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.4405157
R Square	0.194054082
Adjusted R Square	0.149279309
Standard Error	10.97022707
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	521.579631	521.5796	4.334005	0.051902809
Residual	18	2166.225875	120.3459		
Total	19	2687.805506			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	387.9072924	174.7302213	2.220035	0.039497	20.81243517	755.0021
X Variable 1	-0.00970647	0.004662476	-2.081827	0.051903	-0.01950198	8.9E-05

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	32.57284587	4.427154131
2	31.69926359	-3.699263587
3	30.88392012	-19.88392012
4	29.98121843	-15.98121843
5	28.91350675	-5.913506754
6	28.2243474	-0.224347398
7	27.13722278	7.862777219
8	26.45776989	0.542230106
9	25.51624232	20.48375768
10	24.69119239	8.308807609
11	23.80790364	13.19209636
12	22.87608254	5.123917462
13	21.93455497	14.06544503
14	21.15803738	5.841962617
15	20.2844551	4.715544899
16	19.33322106	0.66677894
17	18.37228055	-11.17228074
18	17.44045945	-12.94045945
19	16.60570305	-11.60570305
20	15.80977252	-3.809772522
21	1.523051487	-1.523051487

Significanc Significant
Trend: Downward

Slope -0.009706
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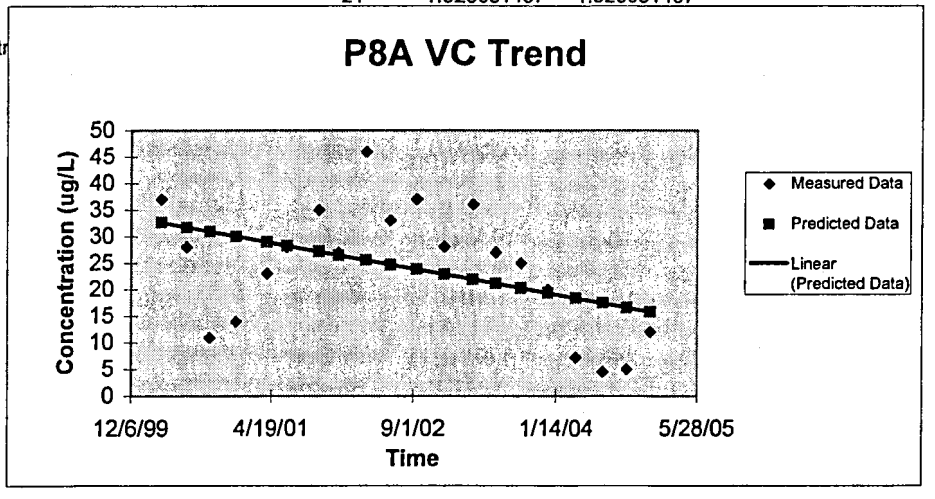
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	69	
6/21/00	ug/L	76	
9/13/00	ug/L	88	
12/15/00	ug/L	93	
4/4/01	ug/L	90	
6/14/01	ug/L	90	
10/4/01	ug/L	73	
12/13/01	ug/L	42	
3/20/02	ug/L	72	
6/13/02	ug/L	69	
9/12/02	ug/L	73	
12/17/02	ug/L	79	
3/24/03	ug/L	70	
6/12/03	ug/L	59	
9/10/03	ug/L	69	
12/17/03	ug/L	71	
3/25/04	ug/L	84	
6/29/04		85	
9/23/04		64	
12/14/04		52	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.342853779
R Square	0.117548713
Adjusted R Square	0.068523642
Standard Error	12.62421096
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	382.1273577	382.1274	2.397727	0.138914141
Residual	18	2868.672642	159.3707		
Total	19	3250.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	384.7247685	201.0743407	1.913346	0.071745	-37.7170724	807.1666
X Variable 1	-0.008308164	0.005365439	-1.548459	0.138914	-0.01958054	0.002964

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	80.57949994	-11.57949994
2	79.83176518	-3.831765179
3	79.1338794	8.866120599
4	78.36122015	14.63877985
5	77.4473221	12.5526779
6	76.85744246	13.14255754
7	75.92692809	-2.926928088
8	75.34535661	-33.34535661
9	74.5394647	-2.539464696
10	73.83327075	-4.833270754
11	73.07722783	-0.077227828
12	72.27964408	6.720355919
13	71.47375217	-1.473752171
14	70.80909905	-11.80909905
15	70.06136429	-1.061364287
16	69.24716421	1.752835787
17	68.42465597	15.57534403
18	67.62707223	17.37292777
19	66.91257012	-2.912570122
20	66.23130067	-14.23130067
21	1.510555852	-1.510555852

Significanc No Trend
Trend: No Trend

Slope -0.008308
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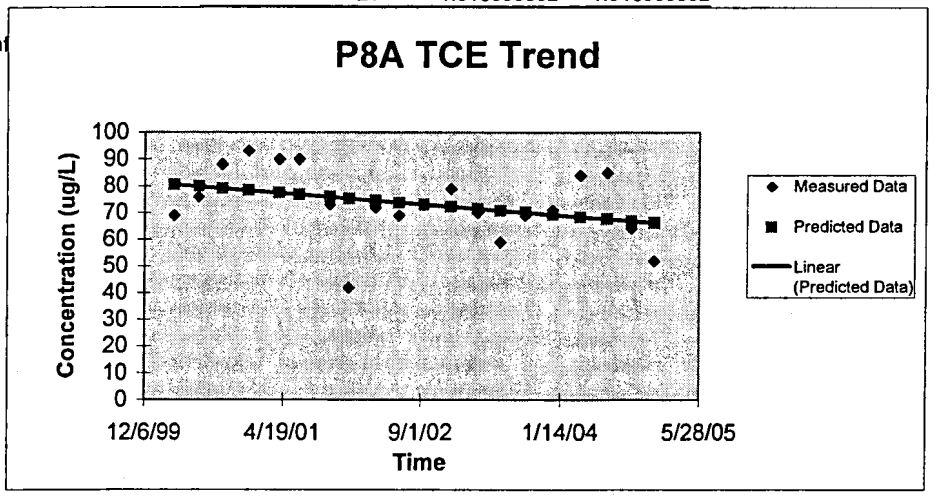
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	1.6
6/21/00	ug/L	1
9/13/00	ug/L	1.6
12/15/00	ug/L	3.5
4/4/01	ug/L	1.8
6/14/01	ug/L	1.9
10/4/01	ug/L	1.8
12/13/01	ug/L	0.93
3/20/02	ug/L	1.9
6/13/02	ug/L	1.25
9/12/02	ug/L	1.9
12/17/02	ug/L	5.6
3/24/03	ug/L	1.6
6/12/03	ug/L	1.7
9/10/03	ug/L	1.7
12/17/03	ug/L	1.4
3/25/04	ug/L	1.3
6/29/04		1.2
9/23/04		1.5
12/14/04		0.93
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.131399267
R Square	0.017265767
Adjusted R Square	-0.037330579
Standard Error	1.066049177
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.359398935	0.359399	0.316244	0.580810255
Residual	18	20.45629526	1.136461		
Total	19	20.8156942			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	11.35318321	16.97968579	0.668633	0.512214	-24.3198405	47.02621
X Variable 1	-0.000254794	0.000453083	-0.562356	0.58081	-0.00120669	0.000697

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	2.025680327	-0.425680303
2	2.002748857	-1.002748857
3	1.981346152	-0.381346128
4	1.957650299	1.542349701
5	1.929622947	-0.129622994
6	1.911532565	-0.011532589
7	1.882995624	-0.082995672
8	1.865160036	-0.935160029
9	1.840445007	0.059554969
10	1.818787508	-0.568787508
11	1.795601243	0.104398733
12	1.771141009	3.828858896
13	1.74642598	-0.146425956
14	1.726042451	-0.026042403
15	1.703110981	-0.003110933
16	1.678141158	-0.278141181
17	1.65291654	-0.352916588
18	1.628456306	-0.428456258
19	1.606544012	-0.106544012
20	1.585650895	-0.655650887
21	0.044576328	-0.044576328

Significanc No Trend
Trend: No Trend

Slope -0.000255
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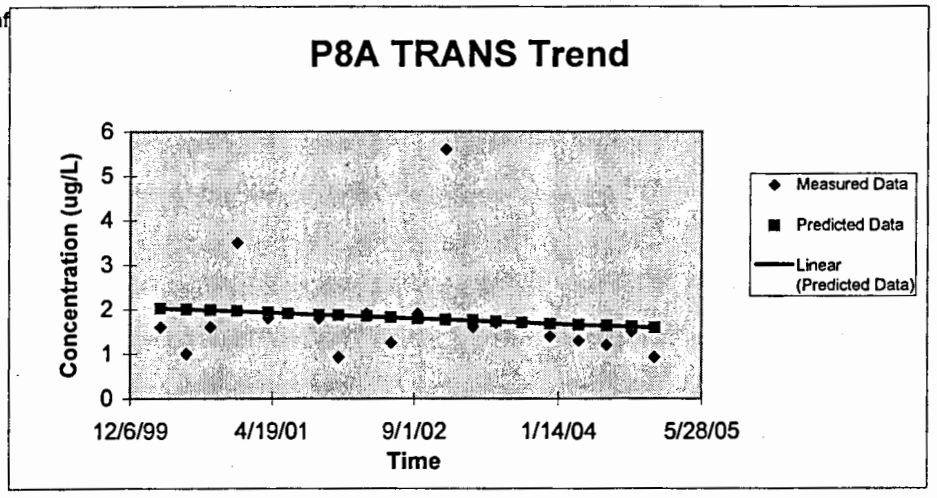
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	120
6/21/00	ug/L	140
9/13/00	ug/L	150
12/15/00	ug/L	150
4/4/01	ug/L	160
6/14/01	ug/L	170
10/4/01	ug/L	160
12/13/01	ug/L	98
3/20/02	ug/L	160
6/13/02	ug/L	130
9/12/02	ug/L	160
12/17/02	ug/L	140
3/24/03	ug/L	130
6/12/03	ug/L	130
9/10/03	ug/L	140
12/17/03	ug/L	120
3/25/04	ug/L	110
6/29/04		110
9/23/04		78
12/14/04		79
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.623218975
R Square	0.38840189
Adjusted R Square	0.354424217
Standard Error	21.47092382
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5269.739746	5269.74	11.43109	0.003328706
Residual	18	8298.010254	461.0006		
Total	19	13567.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1287.873401	341.9819159	3.765911	0.001415	569.3955008	2006.351
X Variable 1	-0.030852871	0.009125396	-3.38099	0.003329	-0.05002463	-0.011681

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	158.4115083	-38.41150827
2	155.6347499	-15.6347499
3	153.0431088	-3.043108759
4	150.1737918	-0.173791778
5	146.779976	13.22002401
6	144.5894222	25.41057783
7	141.1339006	18.86609936
8	138.9741997	-40.97419969
9	135.9814712	24.01852877
10	133.3589772	-3.35897721
11	130.551366	29.44863403
12	127.5894904	12.41050962
13	124.5967619	5.403238087
14	122.1285323	7.871467748
15	119.3517739	20.64822612
16	116.3281925	3.671807453
17	113.2737583	-3.273758342
18	110.3118827	-0.311882748
19	107.6585359	-29.65853586
20	105.1286005	-26.12860046
21	5.056614137	-5.056614137

Significanc Significant
Trend: Downward

Slope -0.030853
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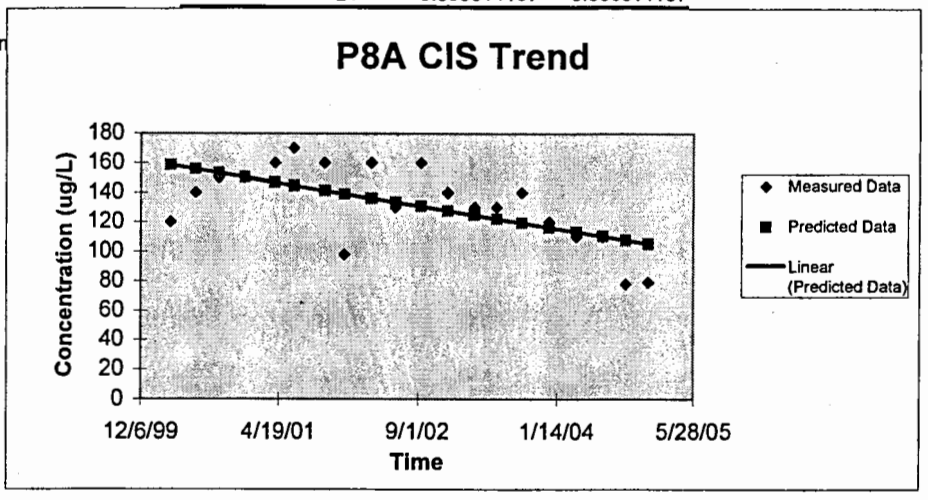
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.85
6/22/00	ug/L	1
9/13/00	ug/L	1.1
12/15/00	ug/L	1.2
4/5/01	ug/L	1.1
6/14/01	ug/L	1.4
10/4/01	ug/L	1.8
12/13/01	ug/L	1.1
3/20/02	ug/L	1.5
6/13/02	ug/L	1.7
9/12/02	ug/L	1.7
12/17/02	ug/L	2.15
3/24/03	ug/L	1.6
6/12/03	ug/L	3
9/10/03	ug/L	3.75
12/17/03	ug/L	3
3/25/04	ug/L	1.5
6/29/04		3.75
9/23/04		3.75
12/14/04		3.75
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.849611377
R Square	0.721839492
Adjusted R Square	0.70638613
Standard Error	0.568043936
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	15.07236936	15.07237	46.71084	2.13639E-06
Residual	18	5.808130439	0.322674		
Total	19	20.8804998			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-59.80940715	9.049704047	-6.60899	3.32E-06	-78.8221446	-40.79667
X Variable 1	0.001650405	0.00024148	6.834533	2.14E-06	0.001143074	0.002158

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.608637062	0.241362938
2	0.758823961	0.241176039
3	0.895807617	0.204192407
4	1.049295328	0.15070472
5	1.232490337	-0.132490313
6	1.348018722	0.051981255
7	1.532864137	0.267135816
8	1.648392521	-0.548392521
9	1.808481854	-0.308481854
10	1.94876632	-0.248766273
11	2.09895322	-0.398953172
12	2.257392147	-0.107392147
13	2.41748148	-0.817481456
14	2.549513919	0.450486081
15	2.698050413	1.051949587
16	2.859790151	0.140209849
17	3.023180295	-1.523180295
18	3.181619222	0.568380778
19	3.323554094	0.426445906
20	3.458887344	0.291112656
21	-0.234723648	0.234723648

Significanc Significant
Trend: Upward

Slope 0.00165
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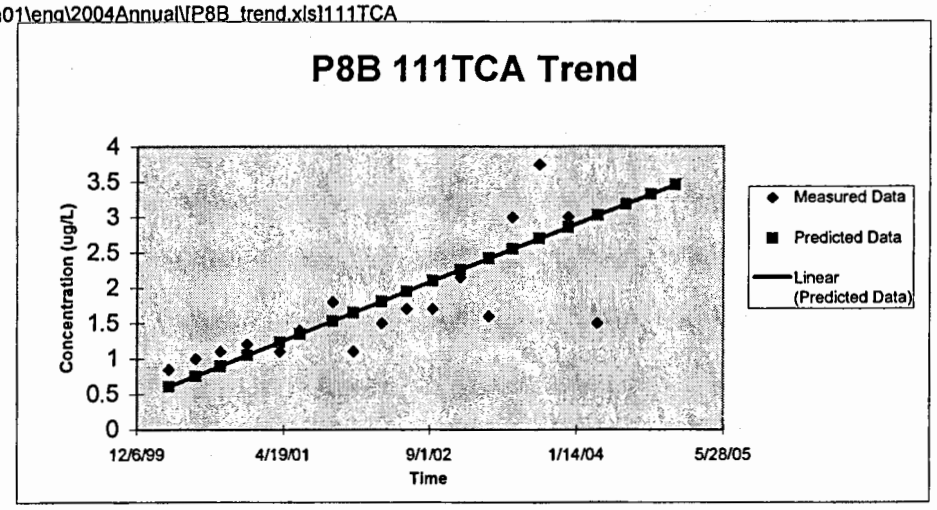
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.75
6/22/00	ug/L	1.35
9/13/00	ug/L	1.35
12/15/00	ug/L	0.91
4/5/01	ug/L	0.91
6/14/01	ug/L	0.91
10/4/01	ug/L	1.1
12/13/01	ug/L	1.1
3/20/02	ug/L	1.4
6/13/02	ug/L	1.35
9/12/02	ug/L	1.3
12/17/02	ug/L	1.85
3/24/03	ug/L	1.4
6/12/03	ug/L	1.9
9/10/03	ug/L	2.35
12/17/03	ug/L	1.9
3/25/04	ug/L	1.4
6/29/04		1.5
9/23/04		2.35
12/14/04		1.4
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.691321813
R Square	0.477925849
Adjusted R Square	0.448921729
Standard Error	0.334002937
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1.838236588	1.838237	16.47786	0.000735961
Residual	18	2.008043316	0.111558		
Total	19	3.846279905			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-20.17384249	5.321116097	-3.79128	0.001337	-31.3531012	-8.994584
X Variable 1	0.000576369	0.000141988	4.059293	0.000736	0.000278064	0.000875

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.925873109	-0.175873109
2	0.978322686	0.371677314
3	1.026161311	0.323838689
4	1.079763626	-0.1697636
5	1.143740583	-0.233740557
6	1.184086411	-0.274086385
7	1.248639737	-0.148639713
8	1.288985566	-0.188985542
9	1.344893357	0.055106619
10	1.39388472	-0.04388472
11	1.446334297	-0.146334345
12	1.501665719	0.348334281
13	1.55757351	-0.157573534
14	1.603683028	0.296316972
15	1.655556237	0.694443763
16	1.712040397	0.187959603
17	1.769100926	-0.369100949
18	1.824432348	-0.324432348
19	1.87400008	0.47599992
20	1.921262336	-0.52126236
21	-0.079172795	0.079172795

Significance: Significant
Trend: Upward

Slope 0.000576
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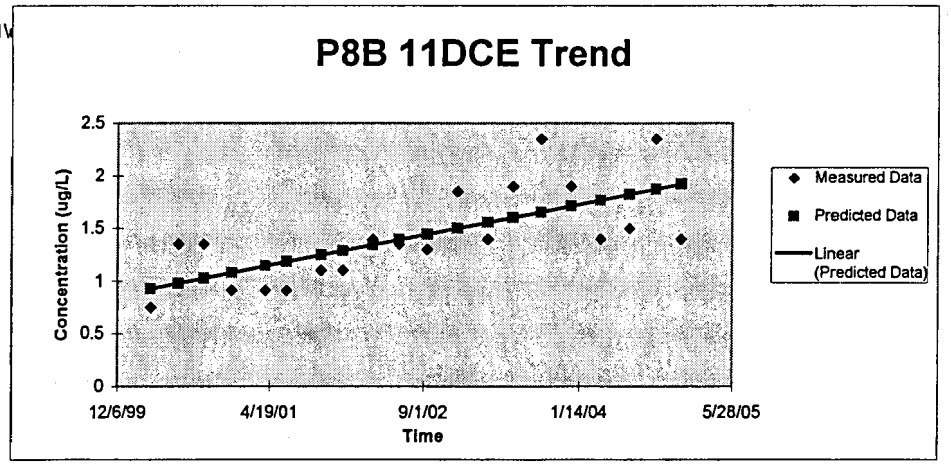
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.95	
6/22/00	ug/L	0	
9/13/00	ug/L	1	
12/15/00	ug/L	0.96	
4/5/01	ug/L	1.1	
6/14/01	ug/L	1.3	
10/4/01	ug/L	1.6	
12/13/01	ug/L	1.4	
3/20/02	ug/L	1.6	
6/13/02	ug/L	1.5	
9/12/02	ug/L	1.8	
12/17/02	ug/L	2	
3/24/03	ug/L	1.6	
6/12/03	ug/L	1.7	
9/10/03	ug/L	3.1	
12/17/03	ug/L	2.5	
3/25/04	ug/L	1.7	
6/29/04		1.9	
9/23/04		3.1	
12/14/04		3.1	
1/0/00		0	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.852112939
R Square	0.726096461
Adjusted R Square	0.710879598
Standard Error	0.424276857
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	8.589499692	8.5895	47.71657	1.85475E-06
Residual	18	3.240195331	0.180011		
Total	19	11.82969502			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-44.99124551	6.759301085	-6.6562	3.02E-06	-59.1920211	-30.7905
X Variable 1	0.001245902	0.000180364	6.907718	1.85E-06	0.000866971	0.001625

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.618729329	0.331270671
2	0.732106398	-0.732106398
3	0.835516251	0.164483749
4	0.951385123	0.008614856
5	1.089680228	0.010319796
6	1.176893357	0.123106595
7	1.316434364	0.28356566
8	1.403647493	-0.003647517
9	1.524499973	0.075500051
10	1.63040163	-0.13040163
11	1.743778698	0.056221254
12	1.863385275	0.136614725
13	1.984237755	-0.384237731
14	2.083909902	-0.383909855
15	2.196041069	0.903958931
16	2.31813945	0.18186055
17	2.441483733	-0.741483685
18	2.56109031	-0.661090334
19	2.668237869	0.431762131
20	2.77040182	0.32959818
21	-0.176569369	0.176569369

Significance: Significant
Trend: Upward

Slope 0.001246
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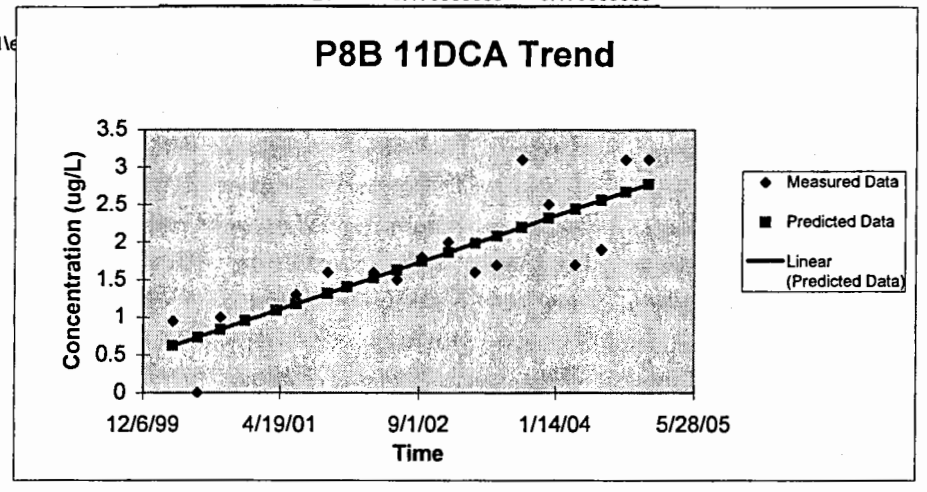
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.27
6/22/00	ug/L	1
9/13/00	ug/L	0.77
12/15/00	ug/L	0.66
4/5/01	ug/L	0.99
6/14/01	ug/L	1.4
10/4/01	ug/L	1.8
12/13/01	ug/L	3.1
3/20/02	ug/L	4.4
6/13/02	ug/L	3.1
9/12/02	ug/L	8.2
12/17/02	ug/L	15
3/24/03	ug/L	12
6/12/03	ug/L	9
9/10/03	ug/L	12
12/17/03	ug/L	21
3/25/04	ug/L	28
6/29/04		66
9/23/04		40
12/14/04		49
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.817877986
R Square	0.668924401
Adjusted R Square	0.650531312
Standard Error	10.87890623
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4304.203889	4304.204	36.36825	1.05858E-05
Residual	18	2130.310812	118.3506		
Total	19	6434.514701			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-1031.211256	173.3156107	-5.949904	1.25E-05	-1395.33412	-667.0884
X Variable 1	0.027889859	0.004624717	6.030609	1.06E-05	0.018173682	0.037606

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	-10.21931037	10.48931037
2	-7.681333232	8.681333232
3	-5.366474962	6.136474943
4	-2.772718106	3.432718132
5	0.323056206	0.666943804
6	2.275346313	-0.875346336
7	5.399010483	-3.599010531
8	7.35130059	-4.251300685
9	10.05661688	-5.656616785
10	12.42725487	-9.327254963
11	14.96523201	-6.765232197
12	17.64265844	-2.642658438
13	20.34797473	-8.347974729
14	22.57916342	-13.57916342
15	25.0892507	-13.0892507
16	27.82245685	-6.822456852
17	30.58355286	-2.58355286
18	33.26097929	32.73902071
19	35.65950714	4.340492862
20	37.94647555	11.05352445
21	-4.06776314	4.06776314

Significanc Significant
Trend: Upward

Slope 0.02789
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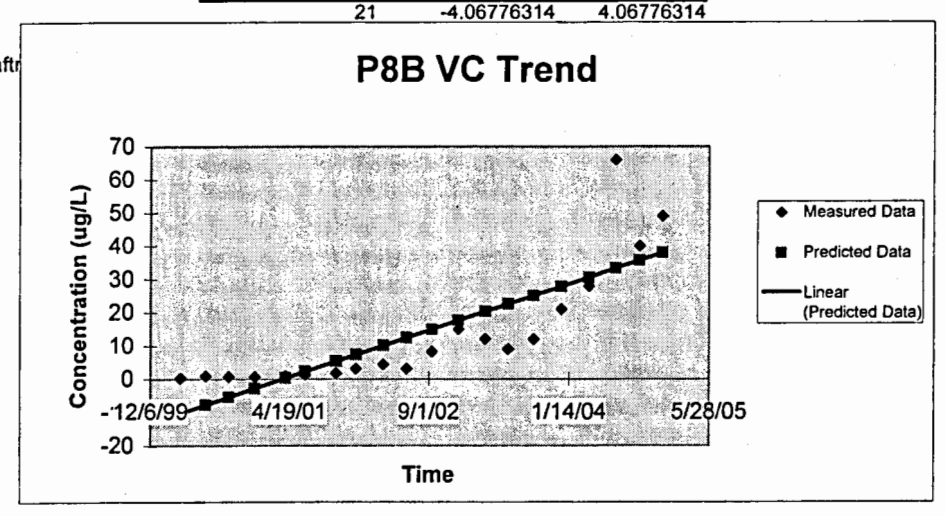
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L
6/22/00	ug/L
9/13/00	ug/L
12/15/00	ug/L
4/5/01	ug/L
6/14/01	ug/L
10/4/01	ug/L
12/13/01	ug/L
3/20/02	ug/L
6/13/02	ug/L
9/12/02	ug/L
12/17/02	ug/L
3/24/03	ug/L
6/12/03	ug/L
9/10/03	ug/L
12/17/03	ug/L
3/25/04	ug/L
6/29/04	
9/23/04	
12/14/04	
1/0/00	

51
89
95
100
110
130
120
110
130
150
160
150
160
140
170
120
140
160
160
130
0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.757223308
R Square	0.573387137
Adjusted R Square	0.549686423
Standard Error	20.199643
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	9871.289611	9871.29	24.19282	0.000110757
Residual	18	7344.460389	408.0256		
Total	19	17215.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-1453.942752	321.807486	-4.518051	0.000266	-2130.03571	-777.8498
X Variable 1	0.042236395	0.008587042	4.91862	0.000111	0.024195675	0.060277

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	92.24719564	-41.24719564
2	96.09070758	-7.090707583
3	99.59632837	-4.596328366
4	103.5243131	-3.524313099
5	108.2125529	1.787447058
6	111.1691006	18.83089941
7	115.8995768	4.100423172
8	118.8561245	-8.856124476
9	122.9530548	7.046945211
10	126.5431484	23.45685164
11	130.3866603	29.61333969
12	134.4413542	15.55864578
13	138.5382845	21.46171546
14	141.9171961	-1.917196135
15	145.7184717	24.28152832
16	149.8576384	-29.85763839
17	154.0390415	-14.03904149
18	158.0937354	1.906264589
19	161.7260654	-1.726065379
20	165.1894498	-35.18944977
21	-5.706037948	5.706037948

Significanc Significant
Trend: Upward

Slope 0.042236
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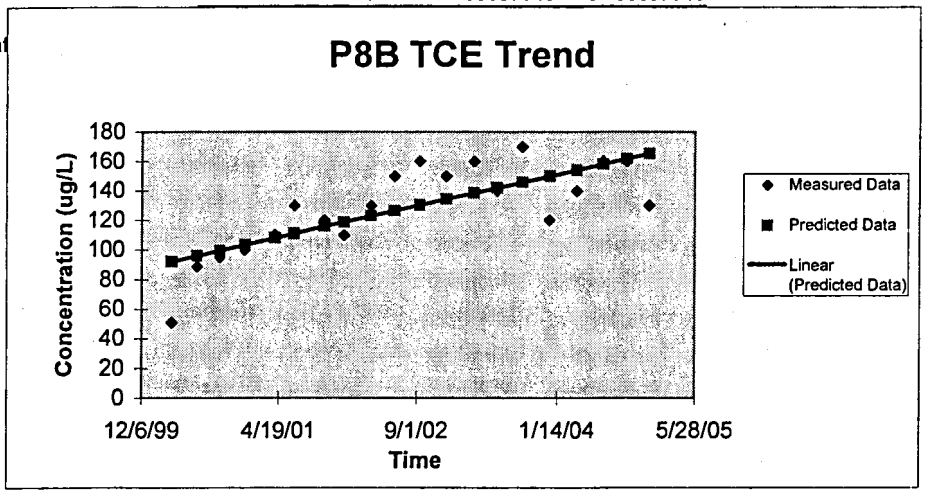
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	1
6/22/00	ug/L	1
9/13/00	ug/L	1.9
12/15/00	ug/L	1.1
4/5/01	ug/L	1
6/14/01	ug/L	4.5
10/4/01	ug/L	1.5
12/13/01	ug/L	1.2
3/20/02	ug/L	1.6
6/13/02	ug/L	2.5
9/12/02	ug/L	2.4
12/17/02	ug/L	2.65
3/24/03	ug/L	1.4
6/12/03	ug/L	2.95
9/10/03	ug/L	2.2
12/17/03	ug/L	2.2
3/25/04	ug/L	2.2
6/29/04		2.6
9/23/04		2.3
12/14/04		3.7
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.495723739
R Square	0.245742026
Adjusted R Square	0.203838805
Standard Error	0.831367951
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4.053391807	4.053392	5.864514	0.026231725
Residual	18	12.44110805	0.691173		
Total	19	16.49449986			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-29.97647685	13.24480983	-2.263262	0.036216	-57.8028113	-2.150142
X Variable 1	0.000855873	0.000353422	2.421676	0.026232	0.000113361	0.001598

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.355312001	-0.355312001
2	1.43319642	-0.43319642
3	1.504233856	0.39576612
4	1.58383002	-0.483829996
5	1.678831893	-0.678831893
6	1.738742984	2.761257016
7	1.834600729	-0.334600729
8	1.89451182	-0.694511773
9	1.977531475	-0.377531451
10	2.050280657	0.449719343
11	2.128165075	0.27183502
12	2.210328857	0.439671143
13	2.293348512	-0.893348536
14	2.36181833	0.58818167
15	2.438846876	-0.238846828
16	2.522722403	-0.322722356
17	2.607453803	-0.407453756
18	2.689617585	-0.089617681
19	2.76322264	-0.463222688
20	2.833404204	0.866595796
21	-0.138389964	0.138389964

Significanc Significant
Trend: Upward

Slope 0.000856
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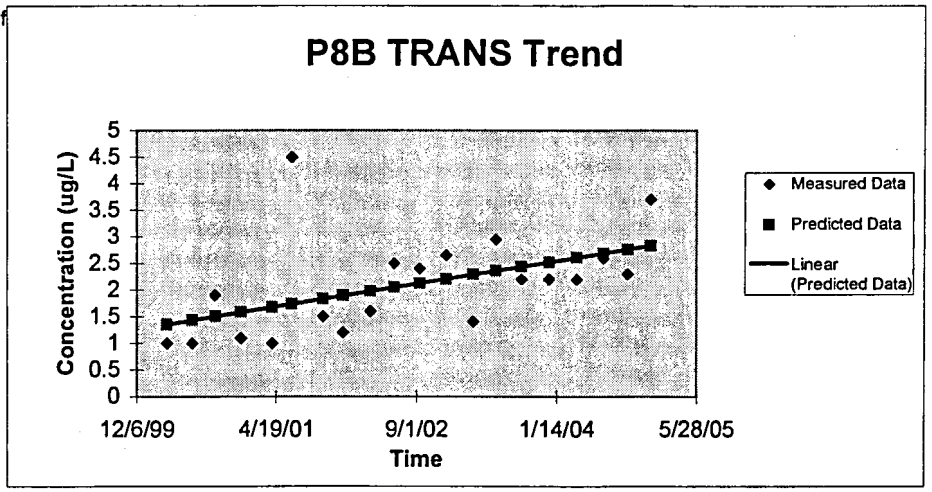
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	69
6/22/00	ug/L	98
9/13/00	ug/L	130
12/15/00	ug/L	130
4/5/01	ug/L	140
6/14/01	ug/L	170
10/4/01	ug/L	180
12/13/01	ug/L	150
3/20/02	ug/L	170
6/13/02	ug/L	180
9/12/02	ug/L	220
12/17/02	ug/L	220
3/24/03	ug/L	190
6/12/03	ug/L	230
9/10/03	ug/L	270
12/17/03	ug/L	220
3/25/04	ug/L	260
6/29/04		340
9/23/04		280
12/14/04		270
1/0/00		0

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.93725245
R Square	0.878442155
Adjusted R Square	0.871688942
Standard Error	24.28362256
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	76706.05216	76706.05	130.0777	1.13895E-09
Residual	18	10614.49784	589.6943		
Total	19	87320.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-4216.038034	386.8707743	-10.89779	2.34E-09	-5028.824	-3403.252
X Variable 1	0.117737473	0.010323177	11.40516	1.14E-09	0.096049267	0.139426

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	94.0953887	-25.0953887
2	104.8094988	-6.809498774
3	114.5817091	15.41829094
4	125.5312941	4.468705926
5	138.6001536	1.39984639
6	146.8417767	23.15822326
7	160.0283737	19.97162625
8	168.2699969	-18.26999688
9	179.6905318	-9.69053179
10	189.698217	-9.69821702
11	200.4123271	19.58767291
12	211.7151245	8.284875473
13	223.1356594	-33.13565944
14	232.5546573	-2.5546573
15	243.1510299	26.8489701
16	254.6893023	-34.68930228
17	266.3453121	-6.345312136
18	277.6481096	62.35189043
19	287.7735323	-7.773532276
20	297.4280051	-27.42800509
21	-16.54595615	16.54595615

Significanc Significant
Trend: Upward

Slope 0.117737
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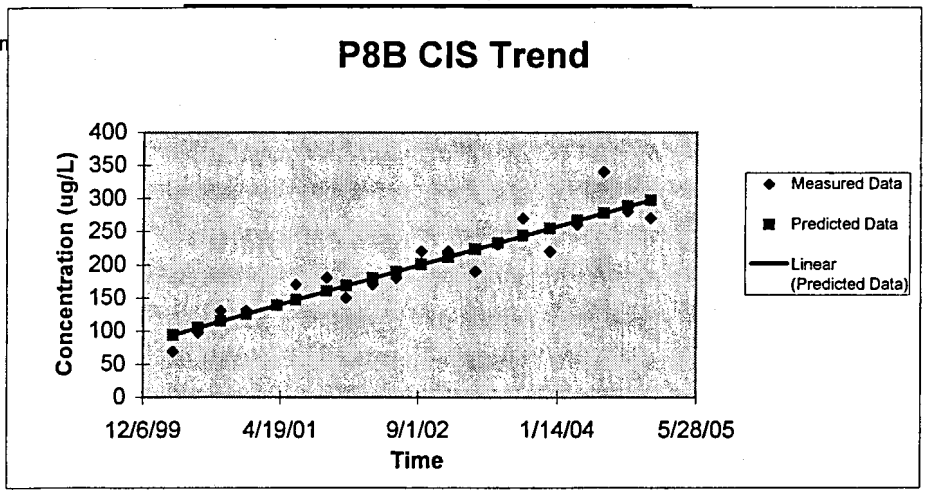
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	0.85	nd
3/23/00	ug/L	0.85	
6/19/00	ug/L	0.85	
9/12/00	ug/L	0.335	
12/13/00	ug/L	0.335	
4/3/01	ug/L	0.335	
6/13/01	ug/L	0.335	
10/2/01	ug/L	1.1	
12/11/01	ug/L	1.1	
3/19/02	ug/L	1.1	
6/12/02	ug/L	1.1	
9/11/02	ug/L	1.05	
12/17/02	ug/L	1.1	
3/24/03	ug/L	1.5	
6/11/03	ug/L	1.5	
9/9/03	ug/L	1.5	
12/15/03	ug/L	1.5	
3/23/04		1.5	
6/29/04		1.5	
9/22/04		1.5	
12/9/04		1.5	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.848119759
R Square	0.719307126
Adjusted R Square	0.704533817
Standard Error	0.251099034
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.069917181	3.069917	48.68964	1.19904E-06
Residual	19	1.197963771	0.063051		
Total	20	4.267880952			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-25.01567546	3.735065713	-6.69752	2.11E-06	-32.8332603	-17.19809
X Variable 1	0.000696273	9.97841E-05	6.977796	1.2E-06	0.000487423	0.000905

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.433813715	0.416186285
2	0.474197572	0.375802428
3	0.536165905	-0.201165905
4	0.594652871	-0.259652871
5	0.658013751	-0.323013751
6	0.735996372	-0.400996372
7	0.785431783	-0.450431783
8	0.862021858	0.237978142
9	0.910760996	0.189239004
10	0.979692063	0.120307937
11	1.038875302	0.061124698
12	1.102236182	-0.052236182
13	1.169078429	-0.069078429
14	1.233135582	0.266864418
15	1.292318821	0.207681179
16	1.354983428	0.145016572
17	1.423218221	0.076781779

Significanc Significant
Trend: Upward

Slope 0.000696
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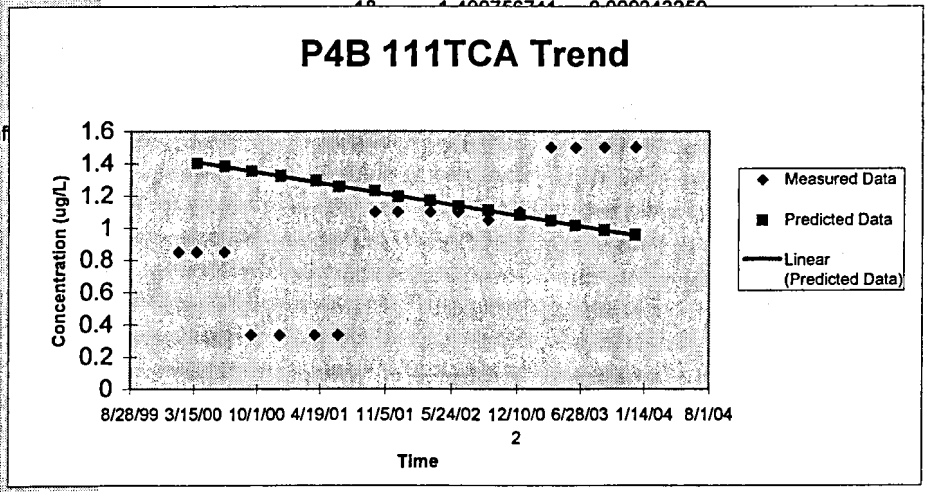
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	0.75	nd
3/23/00	ug/L	0.75	
6/19/00	ug/L	0.75	
9/12/00	ug/L	1.35	
12/13/00	ug/L	1.35	
4/3/01	ug/L	1.35	
6/13/01	ug/L	1.35	
10/2/01	ug/L	1.35	
12/11/01	ug/L	1.35	
3/19/02	ug/L	1.35	
6/12/02	ug/L	1.35	
9/11/02	ug/L	0.9	
12/17/02	ug/L	0.95	
3/24/03	ug/L	0.95	
6/11/03	ug/L	0.95	
9/9/03	ug/L	0.95	
12/15/03	ug/L	0.95	
3/23/04		0.95	
6/29/04		0.95	
9/22/04		0.95	
12/9/04		0.95	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.741149478
R Square	0.549302549
Adjusted R Square	0.52558163
Standard Error	0.176731147
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.723279747	0.72328	23.15688	0.000121109
Residual	19	0.593444066	0.031234		
Total	20	1.316723813			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	13.75386169	2.628852992	5.231887	4.75E-05	8.251607435	19.25612
X Variable 1	-0.000337963	7.02311E-05	-4.81216	0.000121	-0.00048496	-0.000191

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.400962654	-0.100962701
2	1.381360778	0.218639245
3	1.351282039	-0.351282039
4	1.322893116	0.177106884
5	1.292138449	0.007861503
6	1.254286552	-0.154286528
7	1.230291153	0.169708823
8	1.193115183	0.006884865
9	1.169457747	0.230542229
10	1.135999374	0.064000674
11	1.107272488	0.242727512
12	1.076517821	-0.276517809
13	1.044073338	-0.154073352
14	1.012980708	-0.06298072
15	0.984253822	-0.034253822
16	0.953837119	-0.003837119
17	0.920716709	-0.280716723
18	0.887934262	0.042065745
19	0.856841632	0.093158368
20	0.825749003	0.124250997
21	0.798036006	0.041963967

Significance: Significant
Trend: Downward

Slope -0.000338
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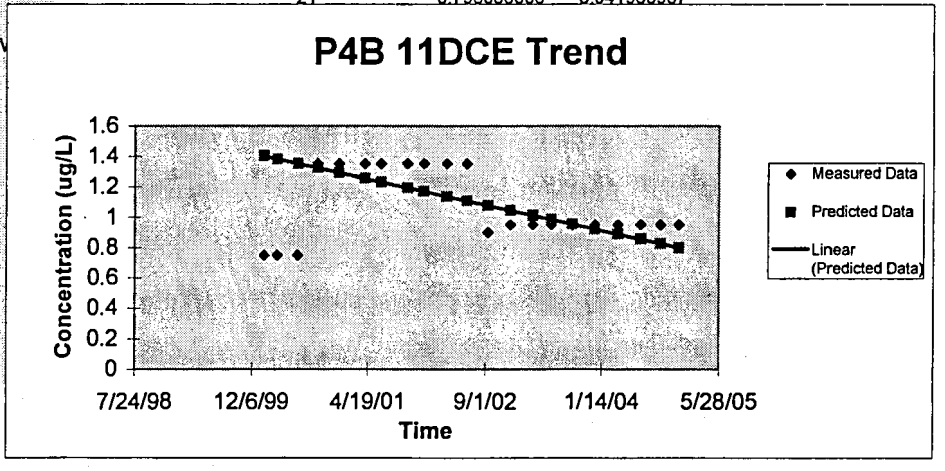
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	0.95	nd
3/23/00	ug/L	0.95	
6/19/00	ug/L	0.95	
9/12/00	ug/L	0.27	
12/13/00	ug/L	0.27	
4/3/01	ug/L	0.27	
6/13/01	ug/L	0.27	
10/2/01	ug/L	0.75	
12/11/01	ug/L	0.75	
3/19/02	ug/L	0.75	
6/12/02	ug/L	0.75	
9/11/02	ug/L	1.4	
12/17/02	ug/L	1.45	
3/24/03	ug/L	1.25	
6/11/03	ug/L	1.25	
9/9/03	ug/L	1.25	
12/15/03	ug/L	1.25	
3/23/04		1.25	
6/29/04		1.25	
9/22/04		1.25	
12/9/04		1.25	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.150224665
R Square	0.02256745
Adjusted R Square	-0.028876369
Standard Error	4.612117414
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	9.331468635	9.331469	0.438681	0.515713832
Residual	19	404.1609138	21.27163		
Total	20	413.4923825			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	51.88167068	68.60465114	0.756241	0.458779	-91.709559	195.4729
X Variable 1	-0.001213924	0.001832807	-0.66233	0.515714	-0.00505004	0.002622

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	7.511536689	1.288463501
2	7.441129101	1.158871281
3	7.33308987	-3.33308987
4	7.231120259	-1.03112045
5	7.12065318	-2.12065318
6	6.984693699	-3.184693746
7	6.898505099	-1.998505004
8	6.764973465	-1.164973561
9	6.679998789	0.320001211
10	6.559820319	-1.659820224
11	6.456636784	18.54336322
12	6.346169706	-0.046169515
13	6.229633007	0.870366897
14	6.117952005	0.582047805
15	6.01476847	-1.01476847
16	5.905515315	-1.605515124
17	5.786550769	-0.386550673
18	5.668800146	-1.568800242
19	5.557119144	-3.057119144
20	5.445438141	-1.945438141
21	5.345896378	1.354103432

Significance: No Trend
Trend: No Trend

Slope -0.00121
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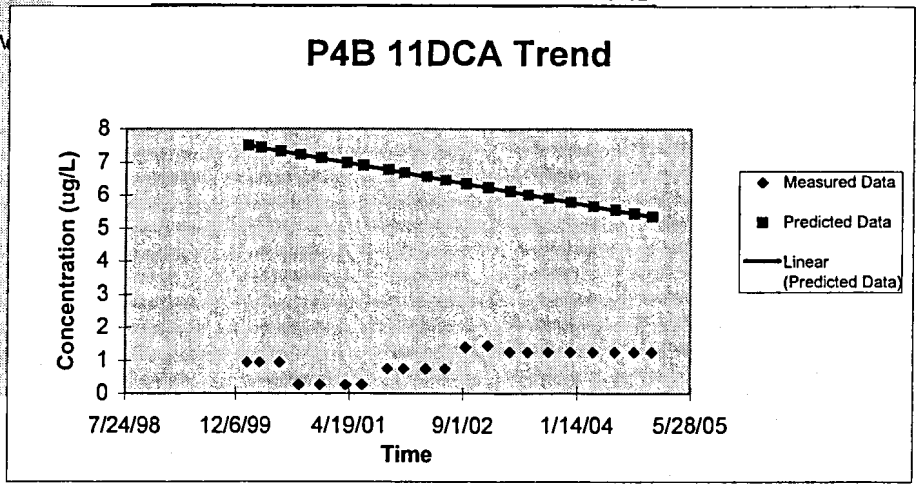
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	0.27
3/23/00	ug/L	0.27
6/19/00	ug/L	1
9/12/00	ug/L	1.9
12/13/00	ug/L	0.89
4/3/01	ug/L	1.6
6/13/01	ug/L	1.2
10/2/01	ug/L	0.52
12/11/01	ug/L	0.88
3/19/02	ug/L	0.88
6/12/02	ug/L	0.285
9/11/02	ug/L	0.47
12/17/02	ug/L	0.185
3/24/03	ug/L	0.3
6/11/03	ug/L	1.9
9/9/03	ug/L	0.53
12/15/03	ug/L	1.6
3/23/04		1.8
6/29/04		0.3
9/22/04		1.7
12/9/04		1.2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.195967898
R Square	0.038403417
Adjusted R Square	-0.012206929
Standard Error	0.61451034
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.286542436	0.286542	0.758806	0.394576222
Residual	19	7.17483619	0.377623		
Total	20	7.461378626			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-7.021488038	9.137341514	-0.768439	0.451673	-26.1461696	12.10319
X Variable 1	0.000212644	0.000244111	0.871095	0.394576	-0.00029829	0.000724

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.750856734	-0.480856734
2	0.762977432	-0.492977432
3	0.78169009	0.21830991
4	0.799764816	1.100235161
5	0.819328048	0.070671937
6	0.842931514	0.75706851
7	0.858029226	0.341970822
8	0.881632692	-0.361632711
9	0.89651776	-0.016517765
10	0.917356856	-0.037356861
11	0.935431582	-0.650431582
12	0.954782171	-0.484782172
13	0.975408622	-0.790408622
14	0.996035074	-0.696035074
15	1.012833937	0.887166039
16	1.031971882	-0.501971911
17	1.052598334	0.54740169
18	1.073650074	0.726349879
19	1.094489169	-0.794489169
20	1.112563895	0.587436152
21	1.129150114	0.070849933

Significanc No Trend
Trend: No Trend

Slope 0.000213
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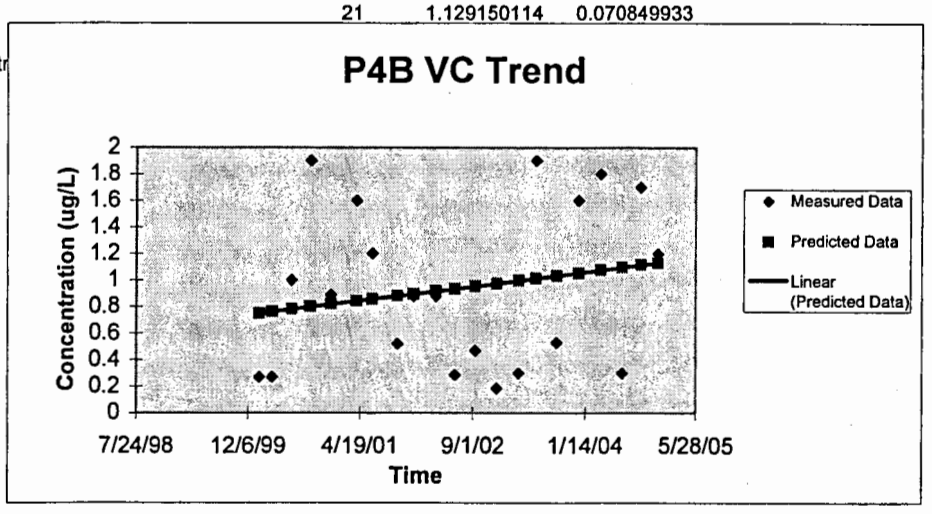
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	1.2
3/23/00	ug/L	1.8
6/19/00	ug/L	3
9/12/00	ug/L	5.5
12/13/00	ug/L	1.6
4/3/01	ug/L	5.7
6/13/01	ug/L	3.8
10/2/01	ug/L	1.1
12/11/01	ug/L	4.3
3/19/02	ug/L	3.8
6/12/02	ug/L	1.4
9/11/02	ug/L	2.8
12/17/02	ug/L	2.9
3/24/03	ug/L	0.83
6/11/03	ug/L	4.3
9/9/03	ug/L	2.3
12/15/03	ug/L	4.2
3/23/04		4.1
6/29/04		0.8
9/22/04		3.9
12/9/04		2.7

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.00766437
R Square	5.87426E-05
Adjusted R Square	-0.052569745
Standard Error	1.532137727
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.002620159	0.00262	0.001116	0.973696759
Residual	19	44.60147429	2.347446		
Total	20	44.60409445			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	2.192769145	22.78182279	0.096251	0.924329	-45.4901488	49.87569
X Variable 1	2.0334E-05	0.000608634	0.033409	0.973697	-0.00125355	0.001294

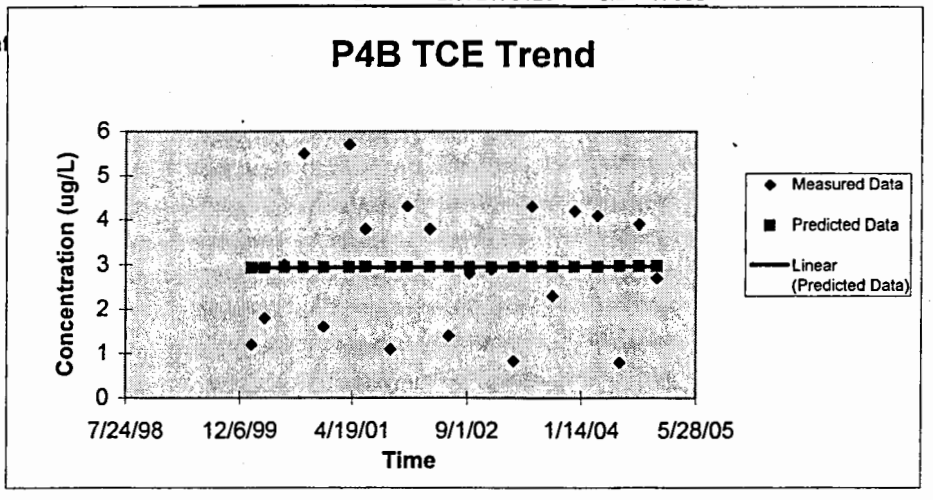
RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	2.935995999	-1.735995951
2	2.937155035	-1.137155083
3	2.938944424	0.061055576
4	2.940672812	2.559327188
5	2.942543537	-1.342543513
6	2.944800607	2.755199202
7	2.946244319	0.853755634
8	2.948501389	-1.848501365
9	2.949924767	1.350075424
10	2.951917496	0.848082457
11	2.953645883	-1.553645883
12	2.955496274	-0.155496322
13	2.957468669	-0.057468574
14	2.959441064	-2.12944108
15	2.961047447	1.338952744
16	2.962877504	-0.662877552
17	2.964849899	1.23514991
18	2.966862962	1.133136943
19	2.968855691	-2.168855691
20	2.970584078	0.929416017
21	2.972170128	-0.27217008

Significanc No Trend
Trend: No Trend

Slope 2.03E-05
P4B TCE 1L:\work\graf
33
37
47

Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	1	nd
3/23/00	ug/L	1	
6/19/00	ug/L	1	
9/12/00	ug/L	0.55	
12/13/00	ug/L	0.55	
4/3/01	ug/L	0.55	
6/13/01	ug/L	0.55	
10/2/01	ug/L	1.25	
12/11/01	ug/L	1.25	
3/19/02	ug/L	1.25	
6/12/02	ug/L	1.25	
9/11/02	ug/L	1.25	
12/17/02	ug/L	1.35	
3/24/03	ug/L	1.5	
6/11/03	ug/L	1.5	
9/9/03	ug/L	1.5	
12/15/03	ug/L	1.5	
3/23/04		1.5	
6/29/04		1.5	
9/22/04		1.5	
12/9/04		1.5	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.799384944
R Square	0.639016289
Adjusted R Square	0.620017147
Standard Error	0.220426962
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1.634208086	1.634208	33.63395	1.37779E-05
Residual	19	0.923172866	0.048588		
Total	20	2.557380952			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-17.82534704	3.277595674	-5.438544	3.01E-05	-24.6854358	-10.96526
X Variable 1	0.000507823	8.75635E-05	5.799479	1.38E-05	0.00032455	0.000691

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	0.73607563	0.26392437
2	0.765021516	0.234978484
3	0.809709902	0.190290098
4	0.85287482	-0.30287482
5	0.899594496	-0.349594496
6	0.955962801	-0.405962801
7	0.992018204	-0.442018204
8	1.048386509	0.201613491
9	1.083934089	0.166065911
10	1.1337007	0.1162993
11	1.176865618	0.073134382
12	1.223077472	0.026922528
13	1.272336261	0.077663739
14	1.32159505	0.17840495
15	1.361713033	0.138286967
16	1.407417064	0.092582936
17	1.456675853	0.043324147
18	1.506950287	-0.006950287
19	1.556716899	-0.056716899
20	1.599881817	-0.099881817
21	1.639491977	-0.139491977

Significanc Significant
Trend: Upward

Slope 0.000508
P4B TRAN L:\work\graf
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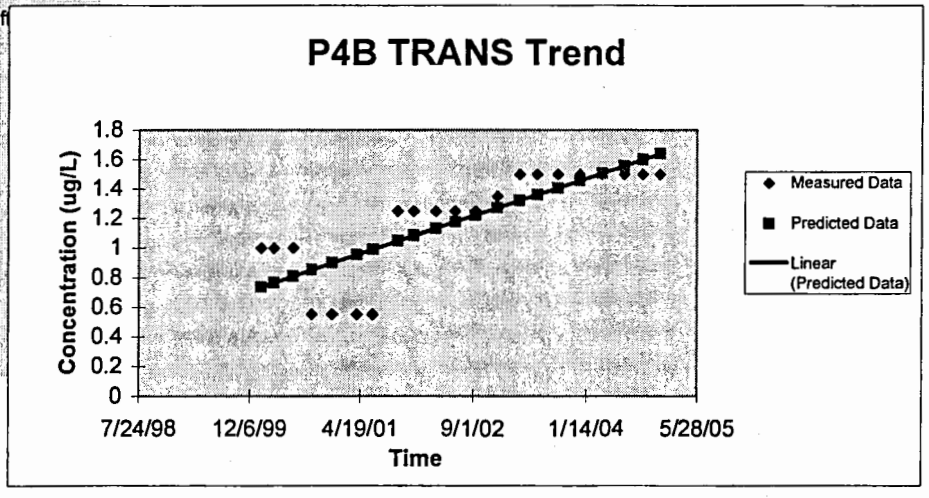
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	0.95
3/23/00	ug/L	0.66
6/19/00	ug/L	2
9/12/00	ug/L	4.2
12/13/00	ug/L	1.2
4/3/01	ug/L	3.9
6/13/01	ug/L	2.6
10/2/01	ug/L	1.2
12/11/01	ug/L	2.9
3/19/02	ug/L	3
6/12/02	ug/L	1.15
9/11/02	ug/L	1.5
12/17/02	ug/L	1.7
3/24/03	ug/L	0.94
6/11/03	ug/L	3.7
9/9/03	ug/L	1.6
12/15/03	ug/L	4.2
3/23/04		4.3
6/29/04		1.4
9/22/04		4.4
12/9/04		3.5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.372641986
R Square	0.13886205
Adjusted R Square	0.093539
Standard Error	1.253662628
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4.815327217	4.815327	3.063828	0.096184366
Residual	19	29.86172973	1.57167		
Total	20	34.67705695			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-30.19689964	18.64109168	-1.61991	0.121731	-69.2131651	8.819366
X Variable 1	0.000871708	0.000498011	1.75038	0.096184	-0.00017064	0.001914

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.664913388	-0.7149134
2	1.714600765	-1.054600739
3	1.791311103	0.208688897
4	1.865406315	2.334593494
5	1.945603486	-0.745603439
6	2.042363117	1.857636979
7	2.104254412	0.495745493
8	2.201014042	-1.001013994
9	2.262033629	0.637966467
10	2.34746105	0.65253895
11	2.421556262	-1.271556262
12	2.500881725	-1.000881725
13	2.585437438	-0.88543739
14	2.669993151	-1.729993153
15	2.738858113	0.961141935
16	2.817311867	-1.217311843
17	2.90186758	1.298132229
18	2.98816671	1.311833481
19	3.073594131	-1.673594131
20	3.147689344	1.252310752
21	3.215682597	0.284317403

Significanc Significant
Trend: Upward

Slope 0.000872
P4B CIS T L:\work\graftn
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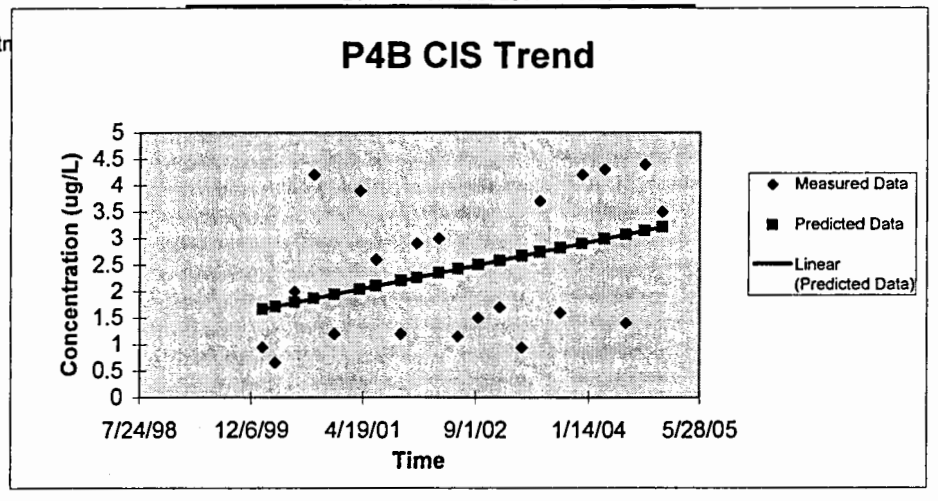
Measured Data
Predicted Data
Concentration (ug/L)
Time



APPENDIX E

REVISED MONITORING PLAN

APPENDIX E

MONITORING PLAN - 2005
VILLAGE OF GRAFTON

Parameter List

Analysis A. VOCs
Analysis C. Indicator Parameters - pH, Temperature, Conductivity, DO, ORP

Well Groups

Well List 1

P2A - Downgradient of landfill
P2B - Downgradient of landfill
P7B - Downgradient of landfill
P8A - Downgradient of landfill
P8B - (formerly PW1749) - Downgradient of plume
PW1716LR – Watts Residence

Well List 2

P3B - Sidegradient of landfill - west side
P9B - Sidegradient of Manchester Subdivision
PW717HC - Sidegradient of plume - east side
PW1530LR - Downgradient of plume
PW1587LR - Downgradient of plume
PW461HR - Downgradient of plume

Well List 3

LH1 - Groundwater within waste
P4B - Upgradient of landfill

Monitoring Plan

Well List 1
Quarterly analysis of List A, C (March, June, September, December)

Well List 2
Semi-annual analysis of List A, C (March, September)

Well List 3
Annual analysis of List A, C (March)