→ Jacky Stovall HQ

2006 Annual Report

Lime Kiln Landfill
Grafton, Wisconsin

Prepared for:

Village of Grafton
Grafton, Wisconsin

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June 2007

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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 sixth annual report submitted for the site, and it describes and documents site conditions and activities from January 2000 to December 2006. 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 25 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), 2004 (March, June, September, and December) and 2006 (March, July, October, and December). The next scheduled annual report will be compiled after the fourth quarter of 2007.

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

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
- SURFACE WATER SAMPLE
- MONITORING WELL
- LEACHATE WELL
- MONITORING WELL NEST
- 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.

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SCALE 0' 175' 350' 700'

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FIGURE 1
EXISTING CONDITIONS

2006 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN

JAN 2007

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Romeo beds) is considered part of the regional flow systems with a recharge area encompassing the site, as well as 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 at the site 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, horizontal 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 additional investigation in 2000 based on the findings of the investigation report, 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 2006.

Prior submittals to the Department include the 2000, 2001, 2002, 2003 and 2004 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 2006. 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 located at or near the site, and are monitored quarterly. 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), and C (indicator parameters.) Group 2 wells are monitored semi-annually for lists A and C.

Two wells (Leachate well LH-1 and upgradient well P-4B) comprise a third well group that is monitored annually for lists A and C.

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 and 3. One piezometric surface was created for each quarter of the year as required. There are only slight variations in water elevations throughout the year.

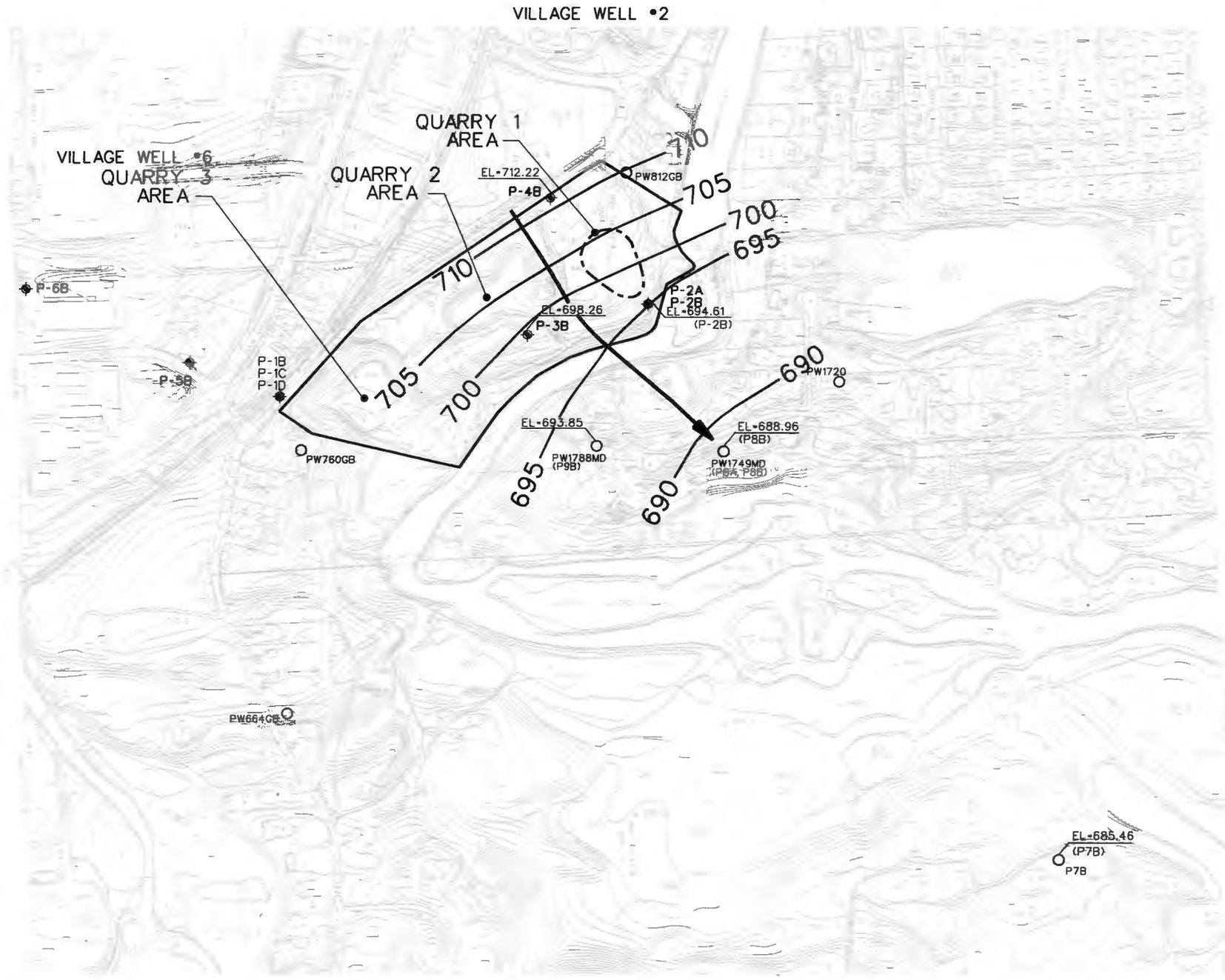
As shown on the Figures 2 and 3, the piezometric surface ranges in elevation from approximately 710 feet MSL at upgradient well P4B to 685 feet MSL southeast of the site at P8B. Based on these elevations, groundwater within the undifferentiated Racine Formation flows to the south-southeast near Lime 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 0.03 to 0.06 feet/foot downward. At the P8A/B piezometer nest, the calculated vertical gradient ranges from 0.002 to 0.06 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 2006 (March, July, October, and December) and compares the recent data to data collected beginning in 2000.



EXPLANATION

- LIME KILN PARK PROPERTY BOUNDARY
- ESTIMATED LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- 700 GROUNDWATER CONTOURS (5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- EL-694.61 (P-2B) / P-2A P-2B — LEACHATE WELL NEST WITH PIEZOMETRIC ELEVATON. DESIGNATED WELL IN PARENTHESES
- EL-712.22 / P-4B — PIEZOMETER WITH PIEZOMETRIC ELEVATON
- EL-688.96 (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 IN MARCH 2006.

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SCALE 0' 125' 250' 500'

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FIGURE 2
PIEZOMETRIC CONTOUR MAP- MARCH 2006
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VILLAGE OF GRAFTON
GRAFTON, WISCONSIN

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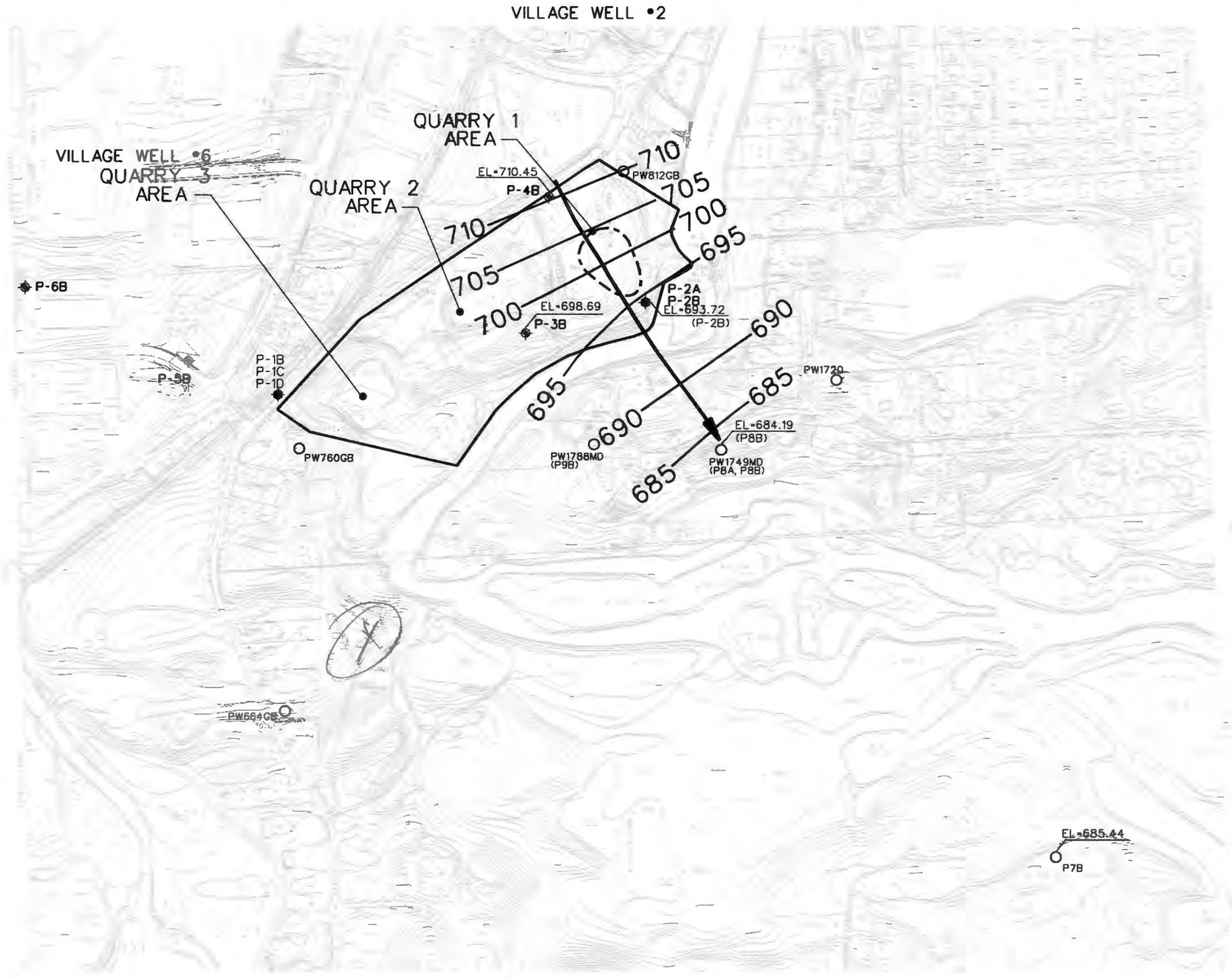

EXPLANATION

- LIME KILN PARK PROPERTY BOUNDARY
- ESTIMATED LIMITS OF WASTE (GEOPHYSICS AND GEOPROBE)
- 700 GROUNDWATER CONTOURS (5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- EL=693.72 (P-2B) / P-2A P-2B — LEACHATE WELL NEST WITH PIEZOMETRIC ELEVATON. DESIGNATED WELL IN PARENTHESES
- EL=710.45 / P-4B — PIEZOMETER WITH PIEZOMETRIC ELEVATON
- EL=684.19 (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 IN OCTOBER 2006.

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SCALE 0' 125' 250' 500'

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FIGURE 3
PIEZOMETRIC CONTOUR MAP- SEPTEMBER 2006
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VILLAGE OF GRAFTON
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$$DATE$$
$$DGN$$

TABLE 1

MONITORING PLAN - 2006
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)

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.

3.2.1 Monitoring Plan

Groundwater monitoring wells are shown on Figure 1, and the 2006 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 2006, 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 previous Annual Report for comparison. A complete list of 2006 detects and exceedences are included in Appendix C, and an electronic copy of 2006 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 25 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 remedial action 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 - Plume Monitoring Wells

Upgradient Well P4B

Two chlorinated compounds were detected during the 2006 annual sample event at P4B. Cis-1,2-dichloroethene (DCE) was detected below the PAL. TCE was detected above the PAL but below the ES.

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 4, and trend analyses are located in Appendix D. TCE and Cis-1,2 DCE have stable trends according to the regression analysis. Vinyl chloride was not detected in 2006, but has an overall falling trend. No other compounds were detected at P4B.

Leachate Well LH1

Eight VOCs were detected at LH1, located within the landfill waste. 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. Acetone is detected inconsistently, and always below the PAL..

TABLE 2

DETECTED VOLATILE ORGANICS AND NR 140 PUBLIC HEALTH EXCEEDANCES JANUARY 2006 TO DECEMBER 2006 LIME KILN LANDFILL 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]
Benzene		
Chloride	P2A	P2B
Chloroethane		
cis-1,2-Dichloroethene	LH-1[4], P2B[4], P3B[5], P8A[4], P8B[3]	
Tetrachloroethene		LH-1[5], P3B[5]
trans-1,2-Dichloroethene		
Trichloroethene	LH-1[4], P2A[4], P2B[4], P3B[5], P7B[5], P8A[5], P8B[3], P9B[5]	P4B[5]
Vinyl chloride	LH-1[4], P2A[5], P2B[5], , P3B[5] P4B[4], P7B[5], P8A[4], P8B[3], P9B[5]	

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

2000-2006 Results

Compound	Upgradient	Landfill Well		Plume Wells				
Test Name	P4B	LH1		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	--	↓		--	--	↓	↑	

NOTES:

Trends determined using regression analysis (Appendix D) from 2000 through 2006
Exceedences determined for 2006

Key	
↑	Rising trend
↓	Falling Trend
--	Stable, detected
	Not detected
NA	No analysis
	Above PAL during 2006

2000-2004 Results

Compound	Upgradient	Landfill Wells		Plume Wells				
Test Name	P4B	LH1		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	--	↓		--	--	↓	↑	

NOTES:

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

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 4 shows the decreasing concentrations of vinyl chloride and TCE as determined by regression analysis in Appendix D. Breakdown products from both pathways are present at LH1.The continuing presence of breakdown products and decreasing trends in many parameters suggests that natural attenuation is occurring within the waste material.

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, vinyl chloride is 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 2006. At P2B, cis-1,2-DCE, TCE, and vinyl chloride are consistently detected above the ES. 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 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. Cis-1,2-DCE, previously above the ES, has consistently remained below the ES in 2006. TCE and vinyl chloride remain above the ES. At P8B, cis-1,2-DCE, vinyl chloride, and TCE are detected consistently above the ES. 1,1-DCE is no longer detected at P8B. No other compounds are consistently above regulatory limits at either well.

The marker compound from the West Plume, 1,1,2-trichlorotriflouroethane (Freon-113), was also 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 is 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, five of seven detected compounds have a downward trend, and two show no trend.

P8B has rising trends of TCE, cis-1,2-DCE, and vinyl chloride. While statistically significant, the rise in TCE concentration is relatively small. The total change has been less than 100 ug/l over the past 5 years, fluctuating between 110 to 180 mg/L. Over the last 8 quarters, the TCE concentration has stabilized, and does not appear to be increasing as it was prior to 2004.

Increases in vinyl chloride and cis 1,2-DCE are expected, as the TCE continues to break down over time. The increasing concentrations demonstrate that TCE continues to breakdown in favorable natural attenuation conditions that exist in this location.

TCE and vinyl chloride concentration trends are graphed on Figure 4. TCE is migrating from upgradient sources including the landfill and the West Plume, based on the continued presence of Freon-113 in the well. Increasing levels of breakdown products (cis-1,2-DCE and vinyl chloride) are further 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.

Downgradient Well P7B

Well P7B, located on the Watts property, is the furthest downgradient monitoring well for the Lime Kiln Landfill. Previously, TCE had been consistently detected. TCE was detected only in March of 2006. The TCE trend at P7B is not statistically significant. Cis-1,2-DCE was consistently detected from 2000 through June 2002, but was only detected once in 2006. When detected, it is at background levels associated with the breakdown of TCE. There is no significant cis-1,2 DCE trend at this time; previously, the trend had been rising.

Freon-113 was detected at P7B during March 2006,, indicating that the well is at least partially affected by the West Plume.

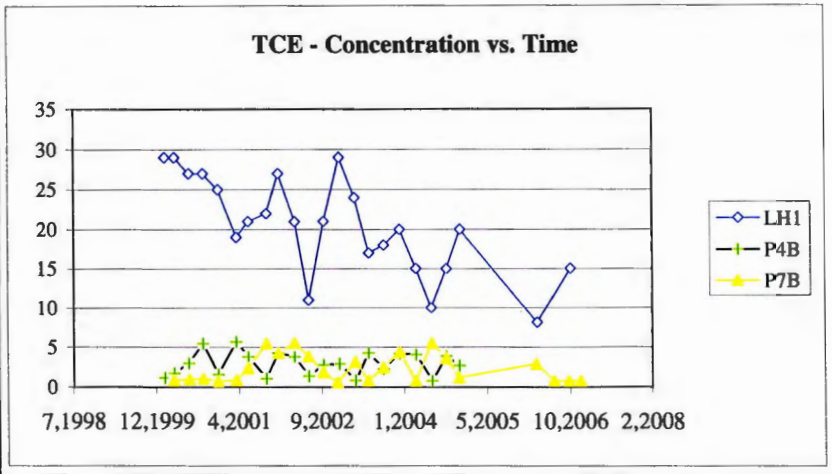
Low levels of TCE and cis-1,2-DCE indicate that the well is affected by background concentrations measured in upgradient and sidegradient wells. Inconsistent detects and fluctuating concentrations at the P7B well indicate that the well is likely at or slightly beyond the downgradient edge of the Lime 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.

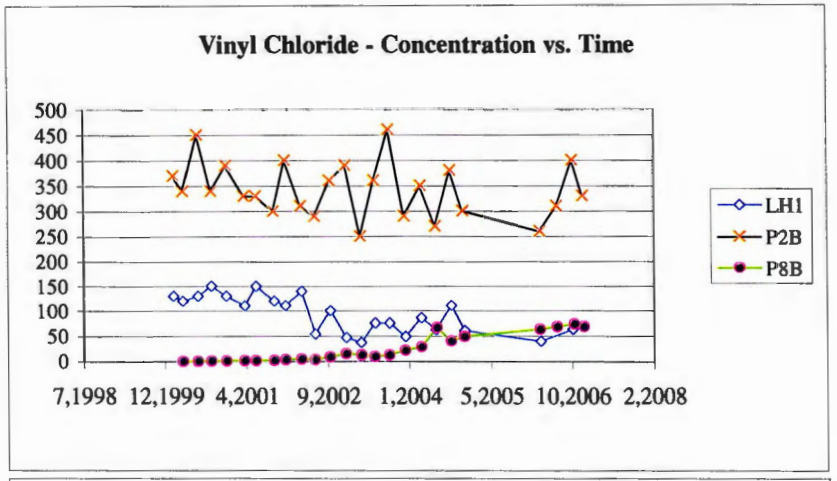
3.2.3 Monitoring List 2 - Private Wells and Wells Outside the Plume

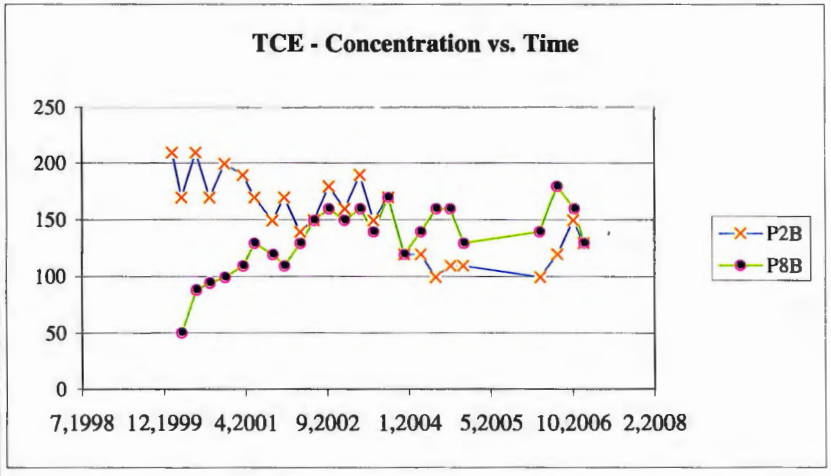
Sidegradient Wells P3B, P9B and Sidegradient Private Well 717 Heather Court

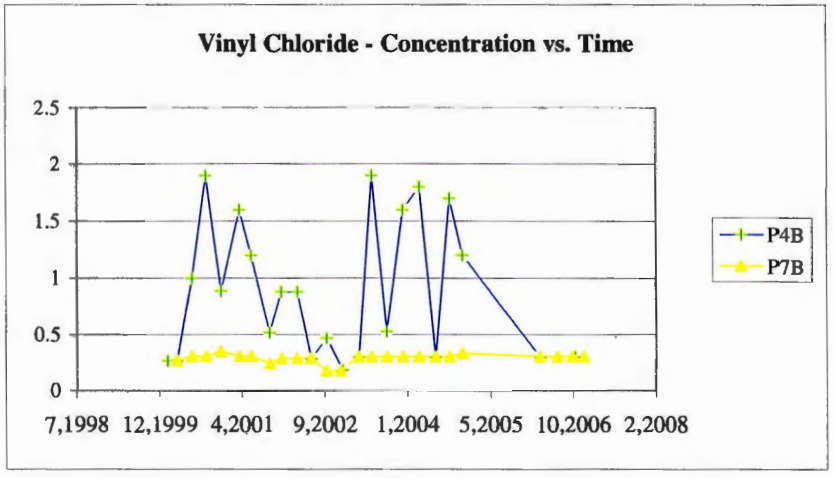
Well P3B is located west and sidegradient of the Lime Kiln Landfill plume. PCE and TCE are the only compounds consistently detected at P3B. As of December 2001, PCE was consistently detected slightly above the PAL and TCE is consistently detected above the ES. While these compounds were detected in the Lime Kiln Landfill, concentration of these compounds at P3B is 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.

Four compounds were detected at elevated levels in P3B during October 2006 that had not been previously detected at P3B. These high, first time detects indicate that the may have been a laboratory, chain-of-custody or cross-contamination error during the sample event. October 2006 values were compared to the March 2007 sample event for verification of the increase.









Concentration units are in ug/l.

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Figure 4
Village of Grafton - Lime Kiln Landfill
TCE and Vinyl Chloride Concentration Vs. Time Plots
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The elevated levels were not repeated in the March event, indicating that there was a one-time error either in the field or in the laboratory.

Sidegradient well P9B was added to the monitoring program to assess the influence of the West Plume on groundwater downgradient of the Lime Kiln Landfill. The well had not been sampled since 2002. In March 2006, TCE and vinyl chloride and Freon-113 were detected at levels consistent with previous sample results. Sampled again in December, several parameter concentrations were considerably higher, and not representative of previous well conditions. It is likely that there was a laboratory, handling, chain-of-custody or cross-contamination problem with the December sample. The elevated sample results were compared to March 2007 results. The elevated levels were not repeated in the March event, indicating that there was a one-time error either in the field or in the laboratory.

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 2006. The detects are attributed to lab contamination. No other volatile organic compounds were detected at the four private wells.

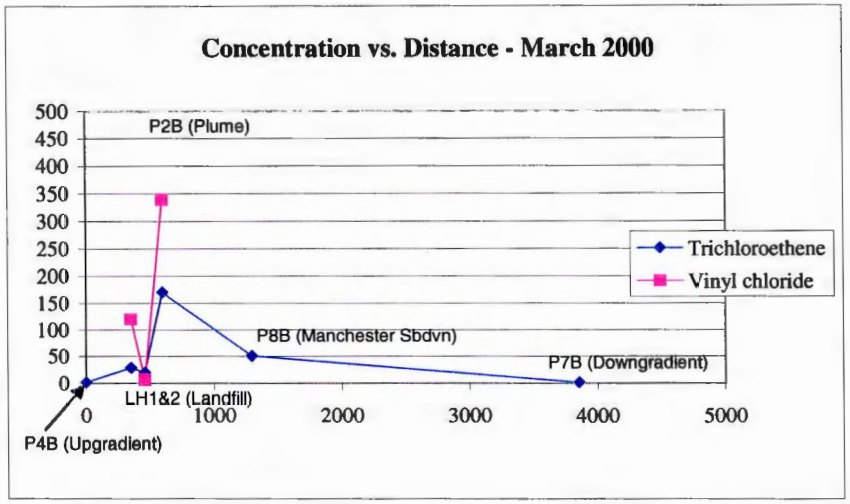
3.3 LIME KILN LANDFILL PLUME TRENDS

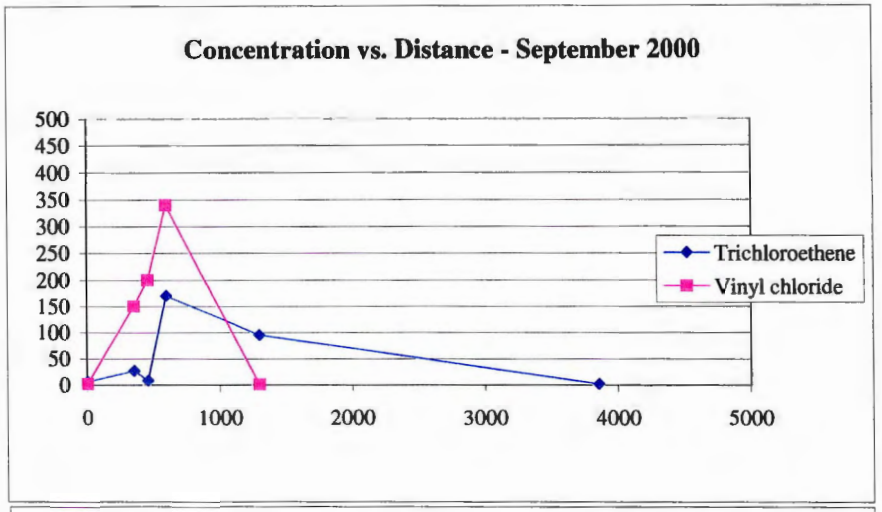
Concentration versus distance graphs were constructed according to WDNR natural attenuation guidance (March, 1997). Trend charts include data from the beginning of the investigation, dating back to January 2000. TCE and vinyl chloride concentrations were plotted for each quarter on Figure 5 (five pages) at wells upgradient, downgradient, and inside the plume. These compounds were selected because they are the most commonly detected compounds within the plume, they represent typical plume characteristics, and they are in the TCE breakdown pathway.

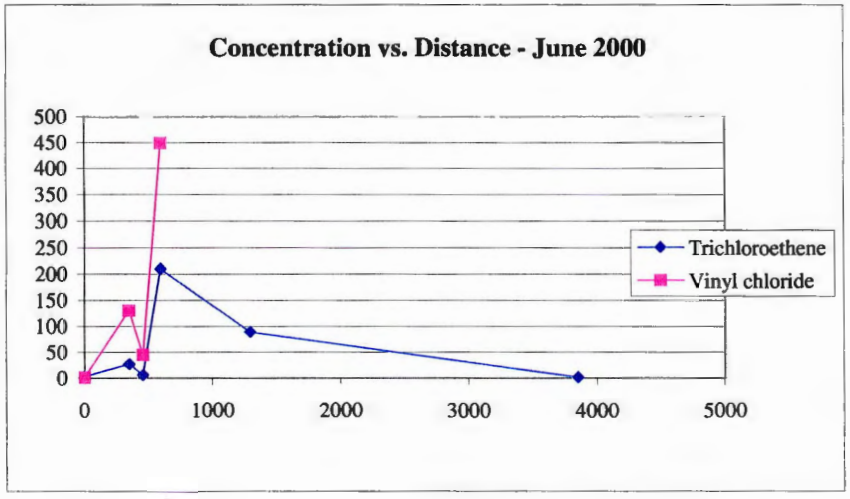
Upon analysis of the 20 graphs shown on Figure 5, the general concentration distribution of vinyl chloride and TCE appears stable, which is expected for a plume that has been present for approximately 40 years. The shape and magnitude of each line graph is similar throughout the 20 events, with slight variations.

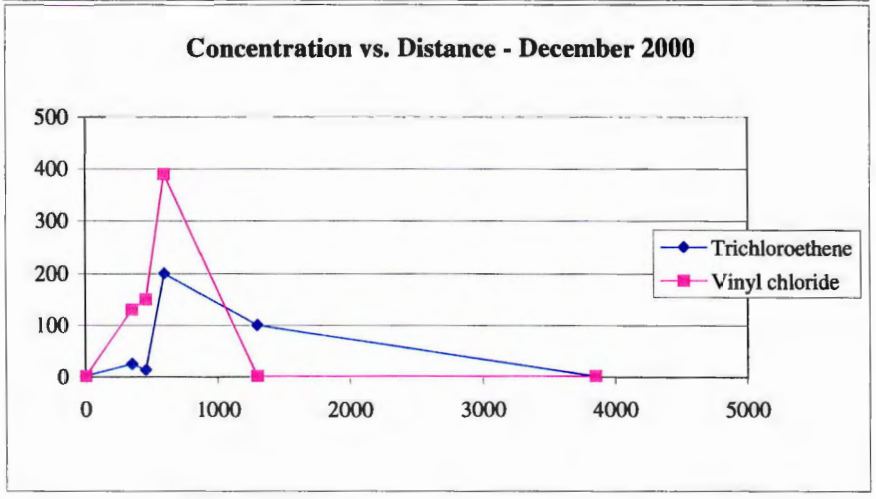
In comparison to other wells in the monitoring program, most compounds associated with the landfill are detected at the highest concentrations at P2B, slightly downgradient of the landfill. It is expected that the plume has moved beyond the landfill, because no new waste has been disposed at the landfill in the nearly 40 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. The West Plume continues to affect the Lime Kiln Plume as evidenced by sidegradient well P-9B. Increases at P-8B are, at least in part, due to the West Plume's location. The increase has leveled off during the last eight sample events, and may have reached its peak. Further monitoring will determine if TCE levels at P-8B have stabilized, or if they begin to decrease with continued natural attenuation.









Units are in feet and ug/l.

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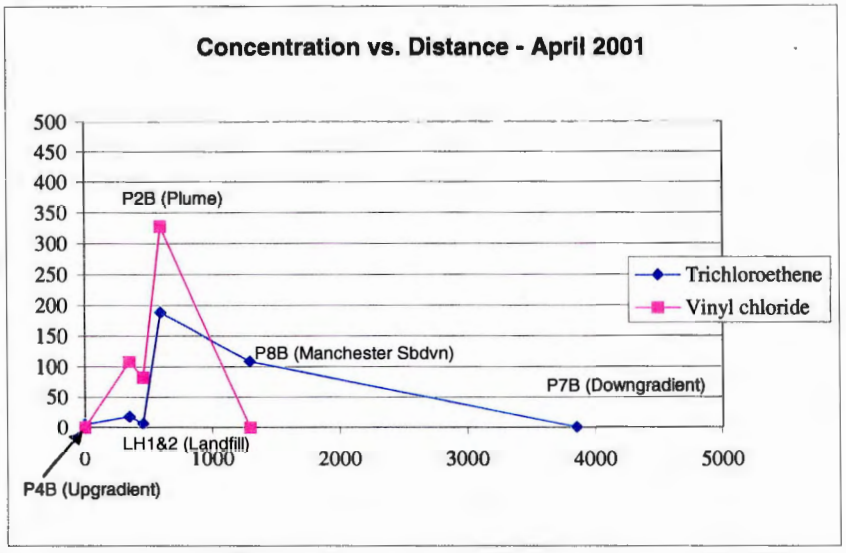
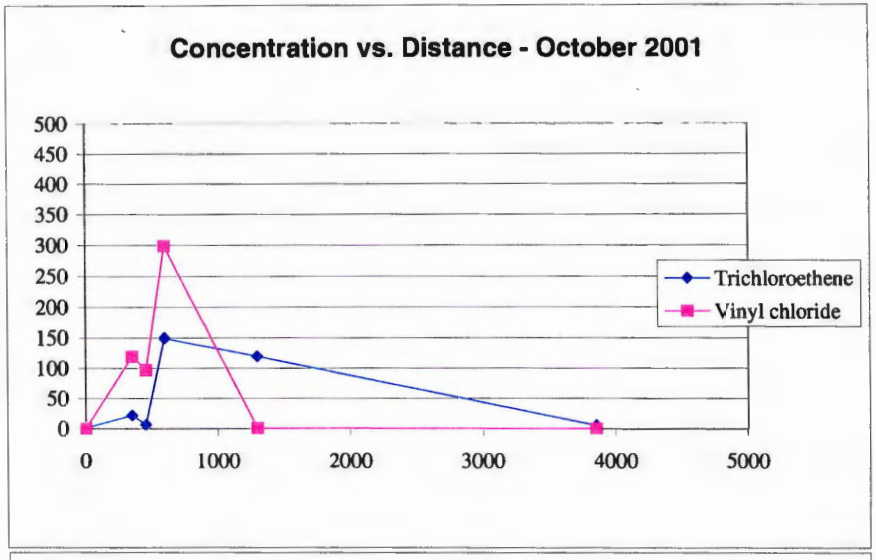
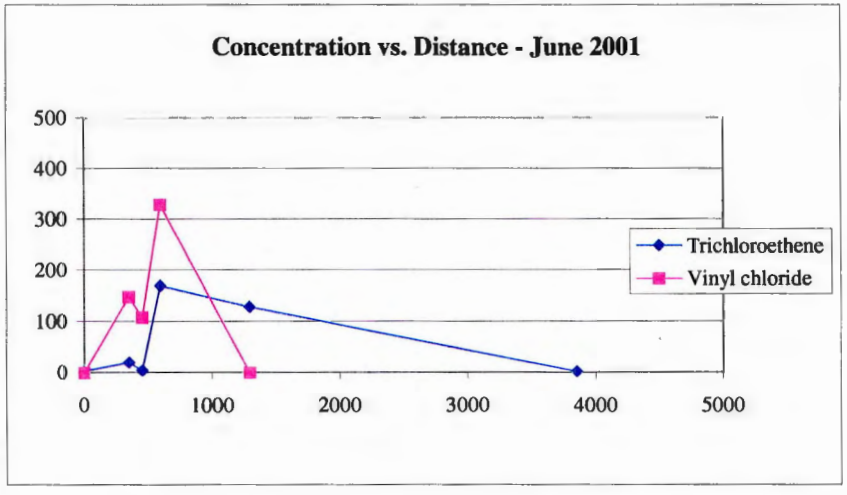
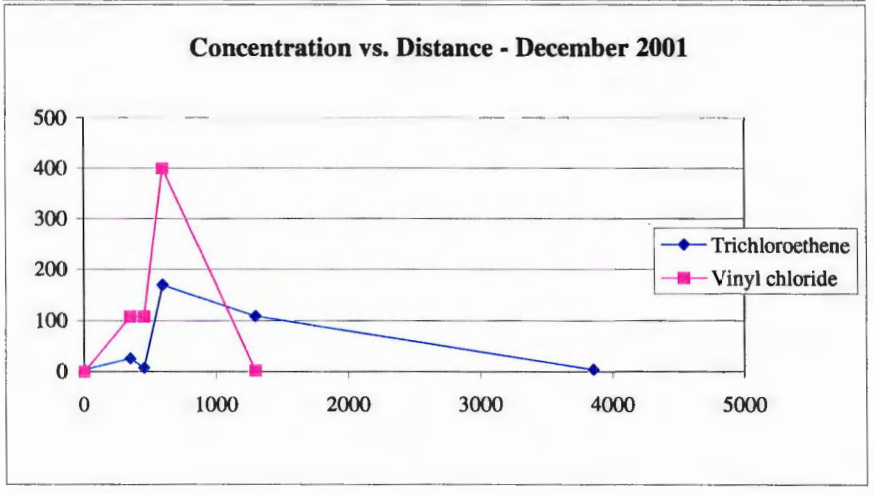
Figure 5
Village of Grafton - Lime Kiln Landfill
TCE and Vinyl Chloride Concentration Vs. Distance Plots
2006 Groundwater Monitoring Plan Annual Report
June, 2007









Units are in feet and ug/l.

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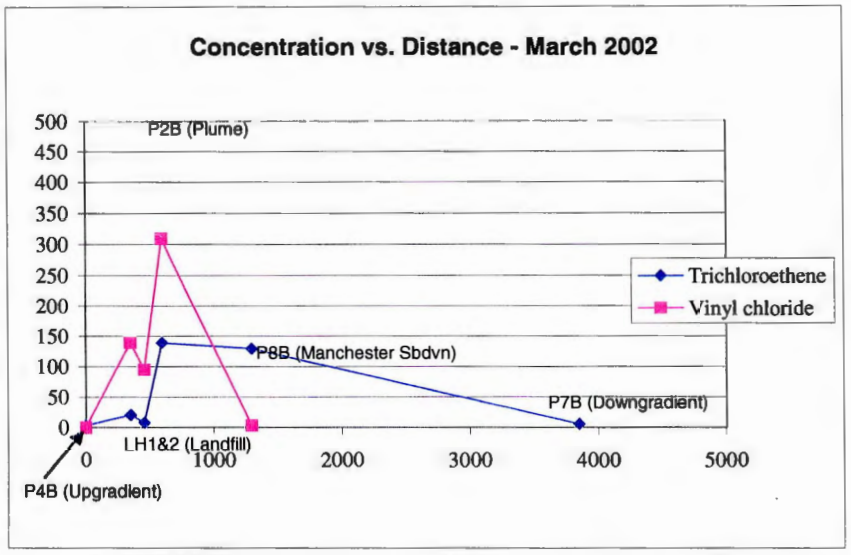
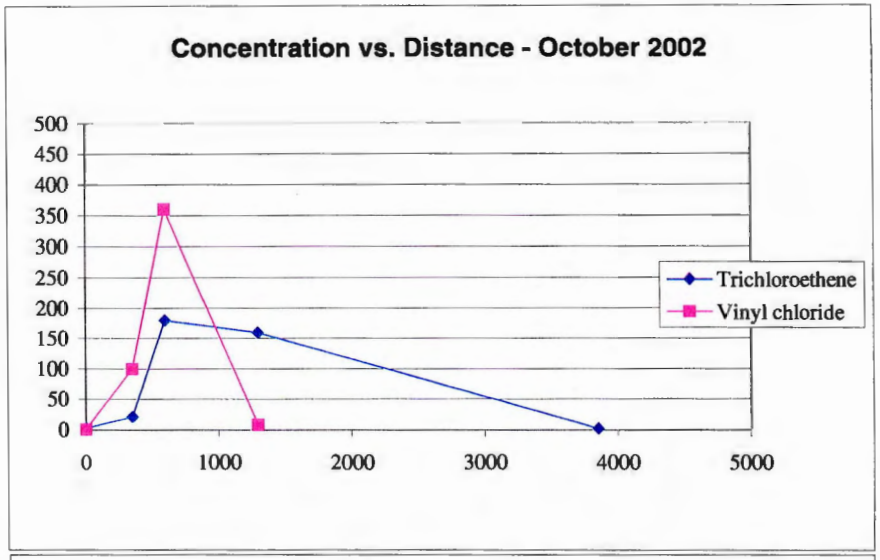
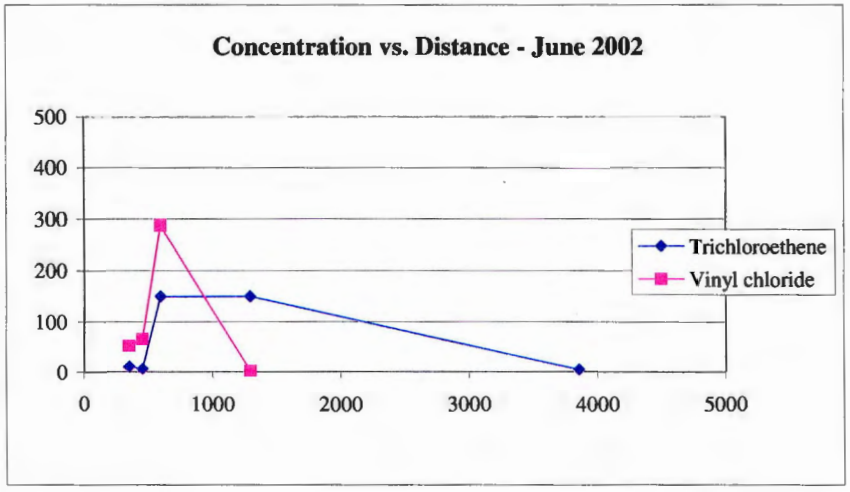
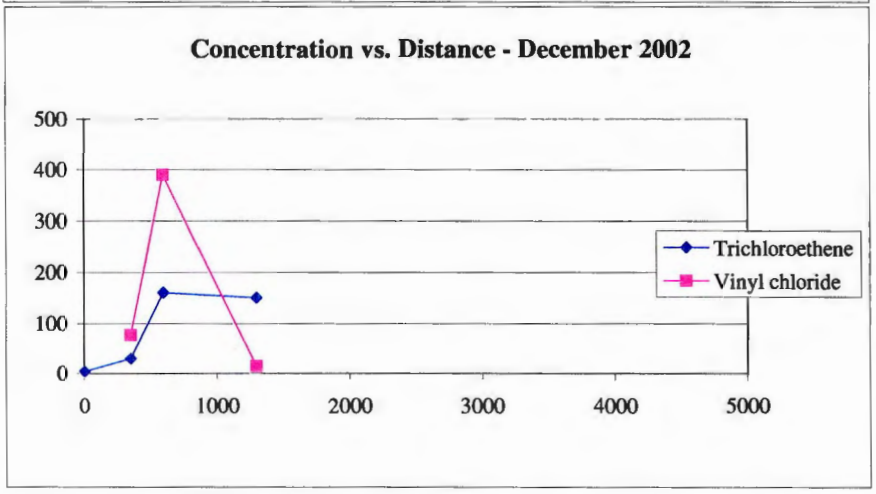
Figure 7
Village of Grafton - Lime Kiln Landfill
TCE and Vinyl Chloride Concentration Vs. Distance Plots
2006 Groundwater Monitoring Plan Annual Report
June, 2007









Units are in feet and ug/l.

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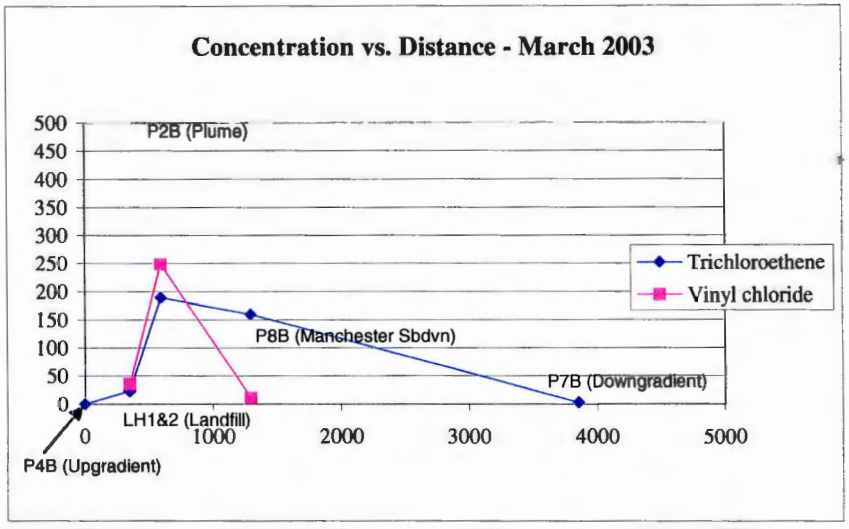

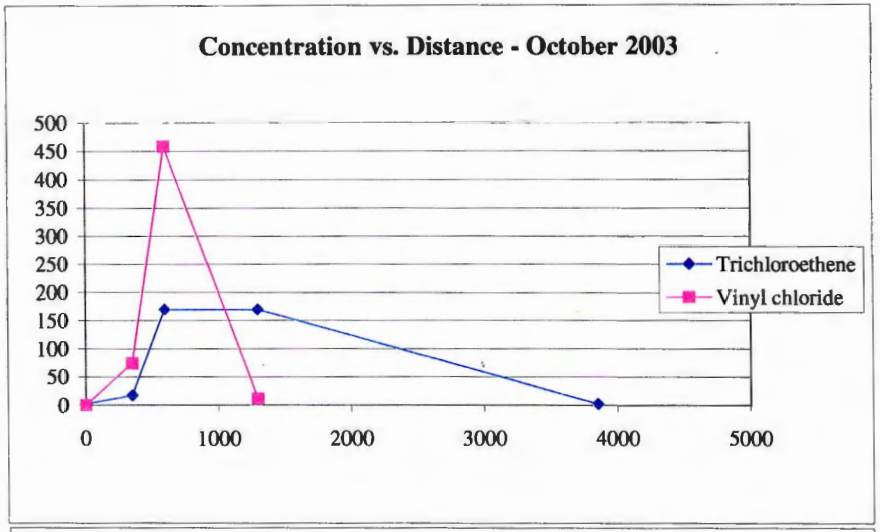

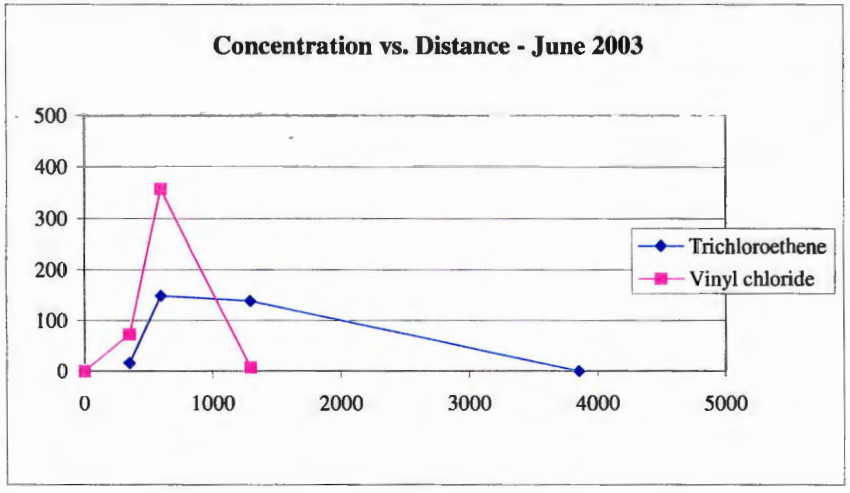

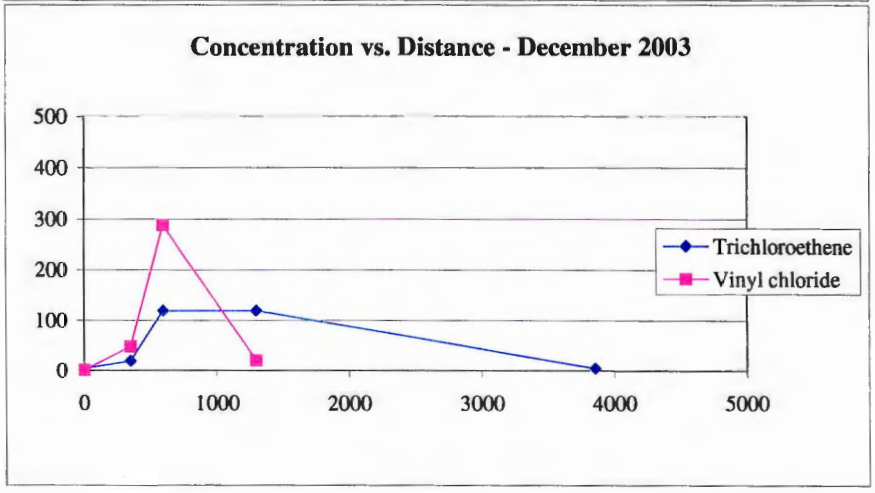

Units are in feet and ug/l.

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Figure 7
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TCE and Vinyl Chloride Concentration Vs. Distance Plots
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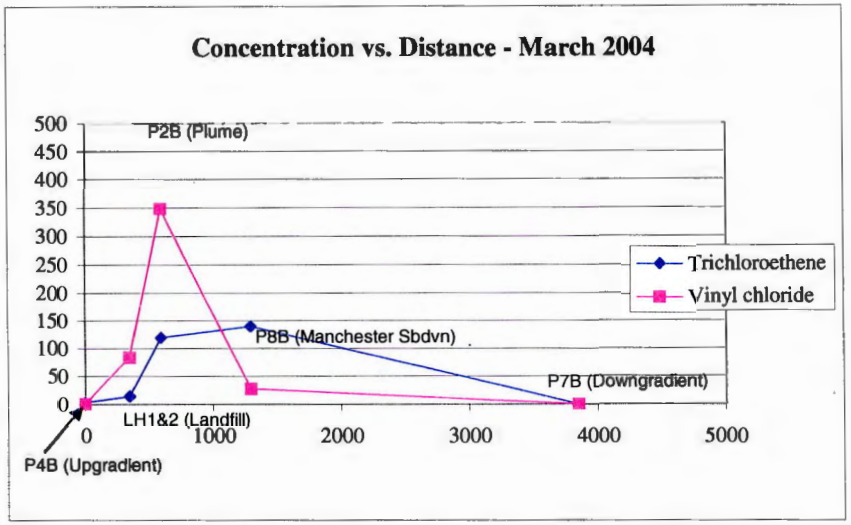
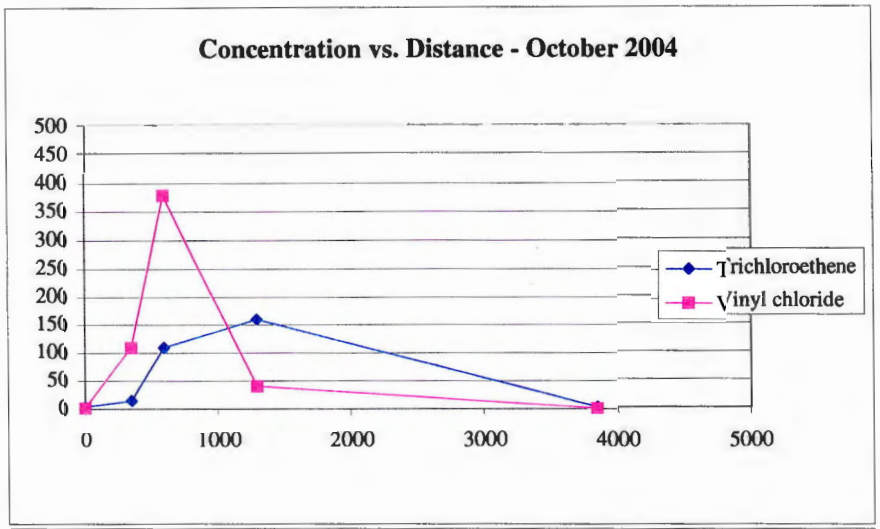
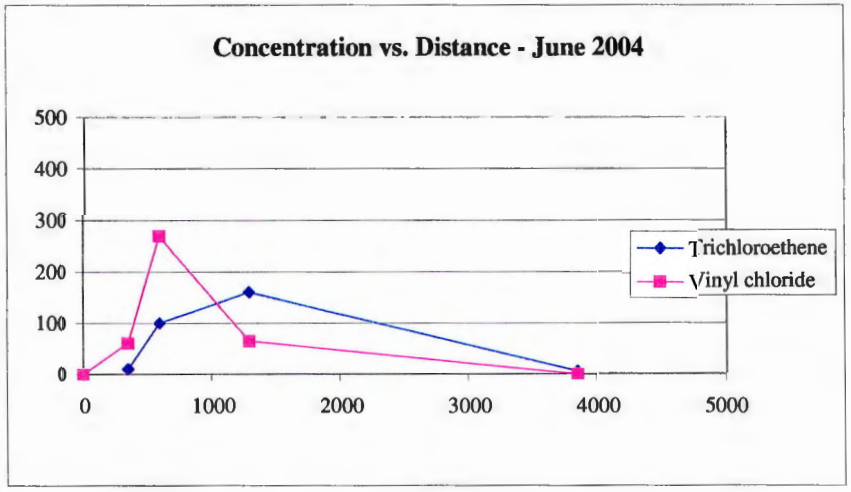
June, 2007







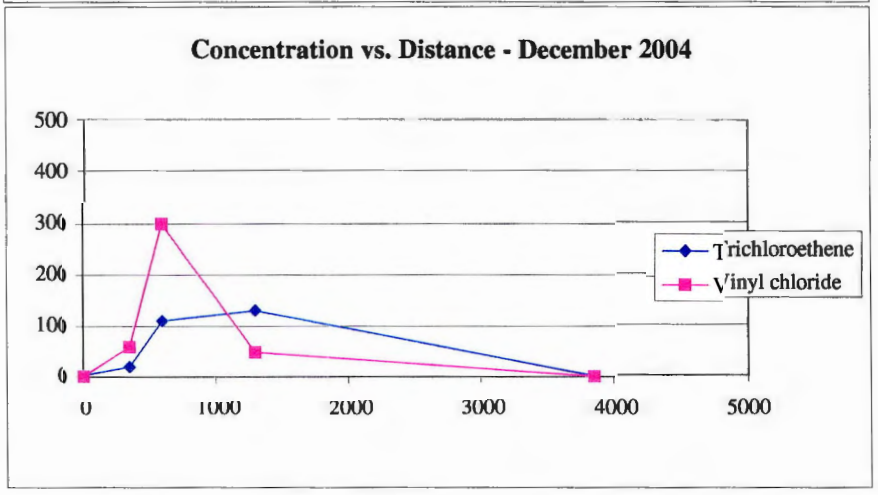


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Figure 7
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TCE and Vinyl Chloride Concentration Vs. Distance Plots
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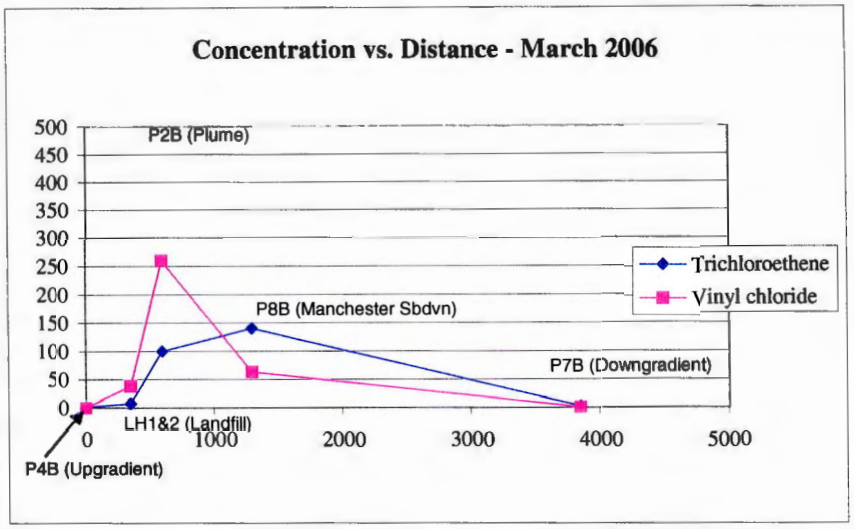

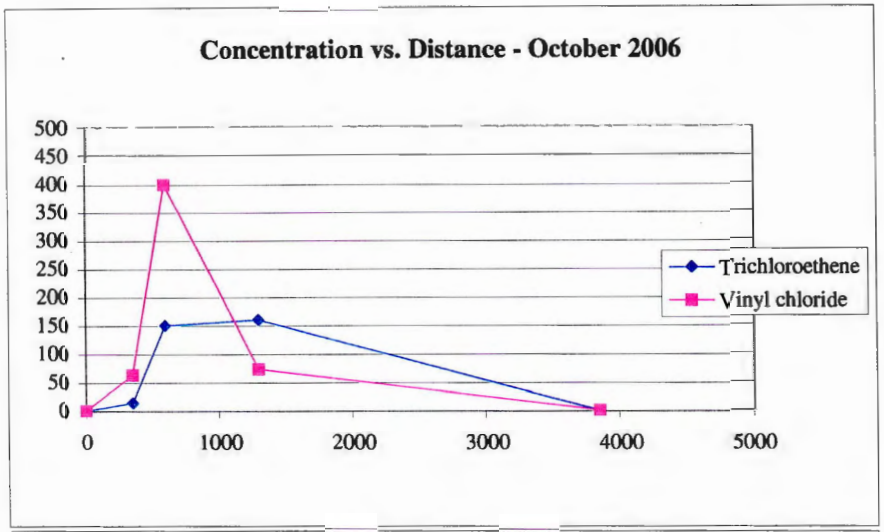

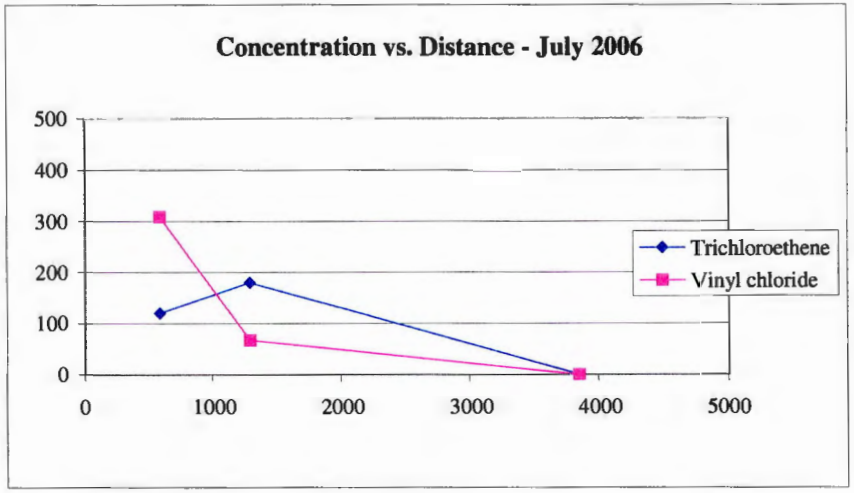

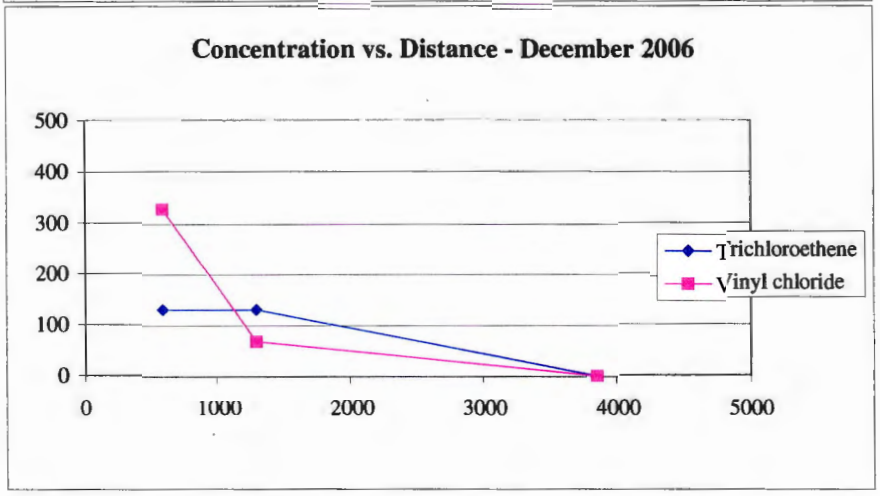

Units are in feet and ug/l.

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Figure 7
Village of Grafton - Lime Kiln Landfill
TCE and Vinyl Chloride Concentration Vs. Distance Plots
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Dissolved oxygen (DO) and oxidation-reduction potential (ORP) measurements are compiled in Table 4 for the monitoring events from 2000 through 2006. Values are organized by date and by distance from the landfill in order to evaluate conditions near the landfill. Each of these parameters is 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 was shown to be present at that time, even after 30 years of natural attenuation within the groundwater. This indicates that conditions are suitable for these processes to occur.

TABLE 4

DISSOLVED OXYGEN AND OXIDATION - REDUCTION POTENTIAL 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	1.0	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
March, 2006	2.87	1.46	NS	2.63	1.99	1.77	3.44
June, 2006	NS	NS	NS	2.11	1.99	2.21	3.28
September, 2006	2.77	1.16	NS	2.51	2.16	1.86	3.42
December, 2006	NS	NS	NS	2.83	2.15	1.96	3.24

TABLE 4 (Continued)

DISSOLVED OXYGEN AND OXIDATION - REDUCTION POTENTIAL MEASUREMENTS
LIME KILN LANDFILL
VILLAGE OF GRAFTON

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
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
March, 2006	77	-86	NS	127	99	160	85
June, 2006	NS	NS	NS	110	137	101	89
September, 2006	135	-88	NS	-40	86	145	84
December, 2006	NS	NS	NS	36	91	107	75

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 evidence 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 of 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 conducive 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.

- Seven 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 mostly decreasing or stable, 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 decreasing concentrations, and it will continue to have high VOC concentrations, particularly of the breakdown products, while the plume attenuates attenuates.

- 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 become stable 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.

- 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.

- No modifications are recommended to the monitoring plan which is included in Appendix E.

- 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

P-4B
PW2030MN
P-2A
P-2B
P-3B
P-5B
P-1B
P-1C
P-1D
PW1784MD
PW1752MD
PW1741MD
PW1725MD
PW1715MD
PW1788MD
PW1749MD
PW1767MD
PW1792MD
PW1785MD
PW760GB
PW1400GB
PW724GB
PW608GB
PW688GB
PW678GB
PW662GB
PW668GB
PW654GB
PW717HC
PW1716LF
P7B

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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APPENDIX A
AFFECTED GROUNDWATER AREAS

2005 ANNUAL REPORT
VILLAGE OF GRAFTON
GRAFTON, WISCONSIN

JAN 2007

30250

APPENDIX B

CALCULATION SHEET

EARTH TECH

CALCULATION SHEET

PROJECT NO. 30250

CLIENT Village of Grafton SUBJECT Vertical Gradient Prepared By BJL Date

PROJECT Lime Kiln Landfill Reviewed By ____ Date

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-06	697.7	711.5	22.77	690.65	-0.0593	Downward
P2B	March-06	694.61	711.5	75.44	638.56		
P8A	March-06	690.03	745.62	115.16	629.97	-0.0121	Downward
P8B	March-06	688.96	740.35	198.45	541.84		
P2A	July-06	696.46	711.5	22.77	690.43	-0.0545	Downward
P2B	July-06	693.62	711.5	75.44	638.35		
P8A	July-06	688.37	745.62	115.16	630.09	-0.0022	Downward
P8B	July-06	688.18	740.35	198.45	541.84		
P2A	October-06	696.49	711.5	22.78	690.43	-0.0532	Downward
P2B	October-06	693.72	711.5	75.43	638.35		
P8A	October-06	689.91	745.62	115.16	630.1	-0.0648	Downward
P8B	October-06	684.19	740.35	198.45	541.84		
P2A	December-06	696.24	711.5	22.78	690.43	-0.0275	Downward
P2B	December-06	694.81	711.5	75.43	638.35		
P8A	December-06	689.16	745.62	115.16	630.1	-0.0559	Downward
P8B	December-06	684.23	740.35	198.45	541.84		

APPENDIX C

GROUNDWATER MONITORING DATA

Village of Grafton - Lime Kiln Landfill

Detected Compounds and Regulatory Exceedences

January 2000 to December 2006

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	
	3/24/2006	1,1-Dichloroethane	2.5	ug/L	850	85	
	10/10/2006	1,1-Dichloroethane	4.1	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
	10/10/2006	1,1-Dichloroethene	0.78	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	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	
	3/24/2006	Acetone	3.5	ug/L	1000	200	
	10/10/2006	Acetone	4.1	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	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
	3/24/2006	cis-1,2-Dichloroethene	52	ug/L	70	7	PAL
	10/10/2006	cis-1,2-Dichloroethene	75	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	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
	3/24/2006	Tetrachloroethene	0.81	ug/L	5	0.5	PAL
	10/10/2006	Tetrachloroethene	2.7	ug/L	5	0.5	PAL
	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	3/24/2006	trans-1,2-Dichloroethene	3.3	ug/L	100	20	
	10/10/2006	trans-1,2-Dichloroethene	3.3	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
	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
	3/24/2006	Trichloroethene	8.1	ug/L	5	0.5	ES
	10/10/2006	Trichloroethene	15	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
	3/24/2006	Vinyl Chloride	39	ug/L	0.2	0.02	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	10/10/2006	Vinyl Chloride	63	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	
	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
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	
	3/22/2006	1,1,1-Trichloroethane	1.8	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	
	3/22/2006	1,1-Dichloroethane	29	ug/L	850	85	
	7/6/2006	1,1-Dichloroethane	19	ug/L	850	85	
	10/10/2006	1,1-Dichloroethane	22	ug/L	850	85	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	12/14/2006	1,1-Dichloroethane	23	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
	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	3/22/2006	cis-1,2-Dichloroethene	1.8	ug/L	70	7	
	7/6/2006	cis-1,2-Dichloroethene	4.4	ug/L	70	7	
	10/10/2006	cis-1,2-Dichloroethene	2.1	ug/L	70	7	
	12/14/2006	cis-1,2-Dichloroethene	1.8	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			
	12/9/2004	Redox Potential	111	mV			
	7/6/2006	Redox Potential	110	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	
	3/22/2006	trans-1,2-Dichloroethene	1	ug/L	100	20	
	7/6/2006	trans-1,2-Dichloroethene	1.6	ug/L	100	20	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	10/10/2006	trans-1,2-Dichloroethene	2.7	ug/L	100	20	
	12/14/2006	trans-1,2-Dichloroethene	2.3	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
	3/22/2006	Trichloroethene	3.8	ug/L	5	0.5	PAL
	7/6/2006	Trichloroethene	7	ug/L	5	0.5	ES
	10/10/2006	Trichloroethene	1.8	ug/L	5	0.5	PAL
	12/14/2006	Trichloroethene	1.6	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
	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
	3/22/2006	Vinyl Chloride	0.81	ug/L	0.2	0.02	ES
	7/6/2006	Vinyl Chloride	1.5	ug/L	0.2	0.02	ES
	10/10/2006	Vinyl Chloride	4.3	ug/L	0.2	0.02	ES
	12/14/2006	Vinyl Chloride	2.9	ug/L	0.2	0.02	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
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	
	3/24/2006	1,1-Dichloroethane	17	ug/L	850	85	
	7/6/2006	1,1-Dichloroethane	16	ug/L	850	85	
	10/10/2006	1,1-Dichloroethane	19	ug/L	850	85	
	12/14/2006	1,1-Dichloroethane	18	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	
	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	3/24/2006	cis-1,2-Dichloroethene	440	ug/L	70	7	ES
	7/6/2006	cis-1,2-Dichloroethene	490	ug/L	70	7	ES
	10/10/2006	cis-1,2-Dichloroethene	550	ug/L	70	7	ES
	12/14/2006	cis-1,2-Dichloroethene	510	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	
	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			
	7/6/2006	Redox Potential	137	mV			

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	3/24/2006	trans-1,2-Dichloroethene	6.2	ug/L	100	20	
	7/6/2006	trans-1,2-Dichloroethene	8.2	ug/L	100	20	
	10/10/2006	trans-1,2-Dichloroethene	11	ug/L	100	20	
	12/14/2006	trans-1,2-Dichloroethene	9.5	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
	3/24/2006	Trichloroethene	100	ug/L	5	0.5	ES
	7/6/2006	Trichloroethene	120	ug/L	5	0.5	ES
	10/10/2006	Trichloroethene	150	ug/L	5	0.5	ES
	12/14/2006	Trichloroethene	130	ug/L	5	0.5	ES
	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
	3/24/2006	Vinyl Chloride	260	ug/L	0.2	0.02	ES
	7/6/2006	Vinyl Chloride	310	ug/L	0.2	0.02	ES
	10/10/2006	Vinyl Chloride	400	ug/L	0.2	0.02	ES
	12/14/2006	Vinyl Chloride	330	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
P3B							
	10/10/2006	1,1-Dichloroethane	16	ug/L	850	85	
	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	
	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	
	10/10/2006	cis-1,2-Dichloroethene	450	ug/L	70	7	ES
	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	3/24/2006	Tetrachloroethene	2.2	ug/L	5	0.5	PAL
	10/10/2006	trans-1,2-Dichloroethene	7.4	ug/L	100	20	
	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
	3/24/2006	Trichloroethene	47	ug/L	5	0.5	ES
	10/10/2006	Trichloroethene	120	ug/L	5	0.5	ES
	10/10/2006	Vinyl Chloride	290	ug/L	0.2	0.02	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	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	
	3/22/2006	cis-1,2-Dichloroethene	0.97	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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			
	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
	3/22/2006	Trichloroethene	1.9	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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							
	3/22/2006	1,1,2-Trichlorotrifluoroethane	0.58	ug/L			
	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	
	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	
	3/22/2006	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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			
	7/6/2006	Redox Potential	89	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
	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
	3/22/2006	Trichloroethene	2.9	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	3/22/2006	1,1,1-Trichloroethane	3.8	ug/L	200	40	
	7/6/2006	1,1,1-Trichloroethane	4.1	ug/L	200	40	
	10/19/2006	1,1,1-Trichloroethane	2.8	ug/L	200	40	
	12/18/2006	1,1,1-Trichloroethane	2.6	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	
	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	
	3/22/2006	1,1-Dichloroethane	23	ug/L	850	85	
	7/6/2006	1,1-Dichloroethane	22	ug/L	850	85	
	10/19/2006	1,1-Dichloroethane	15	ug/L	850	85	
	12/18/2006	1,1-Dichloroethane	15	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	3/22/2006	1,1-Dichloroethene	1.7	ug/L	7	0.7	PAL
	7/6/2006	1,1-Dichloroethene	1.8	ug/L	7	0.7	PAL
	10/19/2006	1,1-Dichloroethene	1	ug/L	7	0.7	PAL
	12/18/2006	1,1-Dichloroethene	1	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	
	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	3/22/2006	cis-1,2-Dichloroethene	70	ug/L	70	7	PAL
	7/6/2006	cis-1,2-Dichloroethene	69	ug/L	70	7	PAL
	10/19/2006	cis-1,2-Dichloroethene	49	ug/L	70	7	PAL
	12/18/2006	cis-1,2-Dichloroethene	43	ug/L	70	7	PAL
	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			
	7/6/2006	Redox Potential	79	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
	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	
	3/22/2006	Tetrachloroethene	0.48	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	7/6/2006	trans-1,2-Dichloroethene	0.95	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
	3/22/2006	Trichloroethene	44	ug/L	5	0.5	ES
	7/6/2006	Trichloroethene	47	ug/L	5	0.5	ES
	10/19/2006	Trichloroethene	35	ug/L	5	0.5	ES
	12/18/2006	Trichloroethene	36	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
	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

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	3/22/2006	Vinyl Chloride	16	ug/L	0.2	0.02	ES
	7/6/2006	Vinyl Chloride	17	ug/L	0.2	0.02	ES
	10/19/2006	Vinyl Chloride	9.8	ug/L	0.2	0.02	ES
	12/18/2006	Vinyl Chloride	11	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			
	3/22/2006	1,1,2-Trichlorotrifluoroethane	3	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	
	12/17/2002	1,1-Dichloroethane	2	ug/L	850	85	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	12/13/2001	cis-1,2-Dichloroethene	150	ug/L	70	7	ES

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	3/22/2006	cis-1,2-Dichloroethene	310	ug/L	70	7	ES
	7/6/2006	cis-1,2-Dichloroethene	350	ug/L	70	7	ES
	10/19/2006	cis-1,2-Dichloroethene	320	ug/L	70	7	ES
	12/18/2006	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			
	7/6/2006	Redox Potential	101	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	

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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
	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
	3/22/2006	Trichloroethene	140	ug/L	5	0.5	ES
	7/6/2006	Trichloroethene	180	ug/L	5	0.5	ES
	10/19/2006	Trichloroethene	160	ug/L	5	0.5	ES
	12/18/2006	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
	3/22/2006	Vinyl Chloride	63	ug/L	0.2	0.02	ES
	7/6/2006	Vinyl Chloride	68	ug/L	0.2	0.02	ES
	10/19/2006	Vinyl Chloride	73	ug/L	0.2	0.02	ES
	12/18/2006	Vinyl Chloride	68	ug/L	0.2	0.02	ES
P8BD							

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	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	
	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			
	10/2/2001	1,1,2-Trichlorotrifluoroethane	13	ug/L			
	3/20/2002	1,1,2-Trichlorotrifluoroethane	16	ug/L			
	3/22/2006	1,1,2-Trichlorotrifluoroethane	13	ug/L			
	12/14/2006	1,1-Dichloroethane	15	ug/L	850	85	
	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	
	10/2/2001	Chloride	39	mg/L	250	125	
	3/20/2002	Chloride	42	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	
	10/2/2001	cis-1,2-Dichloroethene	0.92	ug/L	70	7	
	3/22/2006	cis-1,2-Dichloroethene	4.9	ug/L	70	7	
	12/14/2006	cis-1,2-Dichloroethene	420	ug/L	70	7	ES
	12/15/2000	Methylene chloride	0.57	ug/L	5	0.5	PAL

Well	Date	Compound	Result	Units	ES	PAL	Exceedence
	6/21/2000	Nitrogen, nitrate	1	mg/L	10	2	
	4/4/2001	Nitrogen, nitrate	1	mg/L	10	2	
	3/20/2002	Nitrogen, nitrate	1.1	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	
	12/14/2006	trans-1,2-Dichloroethene	7.6	ug/L	100	20	
	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
	10/2/2001	Trichloroethene	3.2	ug/L	5	0.5	PAL
	3/20/2002	Trichloroethene	3.5	ug/L	5	0.5	PAL
	3/22/2006	Trichloroethene	9.8	ug/L	5	0.5	ES
	12/14/2006	Trichloroethene	110	ug/L	5	0.5	ES
	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
	10/2/2001	Vinyl chloride	0.43	ug/L	0.2	0.02	ES
	3/20/2002	Vinyl chloride	0.21	ug/L	0.2	0.02	ES
	3/22/2006	Vinyl Chloride	0.32	ug/L	0.2	0.02	ES
	12/14/2006	Vinyl Chloride	240	ug/L	0.2	0.02	ES
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	
	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.

Village of Grafton - Lime Kiln Landfill

Regulatory Exceedences

January 2000 to December 2006

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
	10/10/2006	1,1-Dichloroethene	0.78	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	12/14/2004	cis-1,2-Dichloroethene	83	70	7	ES
	3/24/2006	cis-1,2-Dichloroethene	52	70	7	PAL
	10/10/2006	cis-1,2-Dichloroethene	75	70	7	ES
	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
	3/24/2006	Tetrachloroethene	0.81	5	0.5	PAL
	10/10/2006	Tetrachloroethene	2.7	5	0.5	PAL
	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	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
	3/24/2006	Trichloroethene	8.1	5	0.5	ES
	10/10/2006	Trichloroethene	15	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
	3/24/2006	Vinyl Chloride	39	0.2	0.02	ES
	10/10/2006	Vinyl Chloride	63	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	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
	3/22/2006	Trichloroethene	3.8	5	0.5	PAL
	7/6/2006	Trichloroethene	7	5	0.5	ES
	10/10/2006	Trichloroethene	1.8	5	0.5	PAL
	12/14/2006	Trichloroethene	1.6	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	3/22/2006	Vinyl Chloride	0.81	0.2	0.02	ES
	7/6/2006	Vinyl Chloride	1.5	0.2	0.02	ES
	10/10/2006	Vinyl Chloride	4.3	0.2	0.02	ES
	12/14/2006	Vinyl Chloride	2.9	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
	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
	3/24/2006	cis-1,2-Dichloroethene	440	70	7	ES
	7/6/2006	cis-1,2-Dichloroethene	490	70	7	ES
	10/10/2006	cis-1,2-Dichloroethene	550	70	7	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	12/14/2006	cis-1,2-Dichloroethene	510	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
	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
	3/24/2006	Trichloroethene	100	5	0.5	ES
	7/6/2006	Trichloroethene	120	5	0.5	ES
	10/10/2006	Trichloroethene	150	5	0.5	ES
	12/14/2006	Trichloroethene	130	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
	3/24/2006	Vinyl Chloride	260	0.2	0.02	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	7/6/2006	Vinyl Chloride	310	0.2	0.02	ES
	10/10/2006	Vinyl Chloride	400	0.2	0.02	ES
	12/14/2006	Vinyl Chloride	330	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						
	10/10/2006	cis-1,2-Dichloroethene	450	70	7	ES
	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
	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
	3/24/2006	Tetrachloroethene	2.2	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	3/24/2006	Trichloroethene	47	5	0.5	ES
	10/10/2006	Trichloroethene	120	5	0.5	ES
	10/10/2006	Vinyl Chloride	290	0.2	0.02	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
	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	3/22/2006	Trichloroethene	1.9	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
	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	3/22/2006	Trichloroethene	2.9	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
	3/22/2006	1,1-Dichloroethene	1.7	7	0.7	PAL
	7/6/2006	1,1-Dichloroethene	1.8	7	0.7	PAL
	10/19/2006	1,1-Dichloroethene	1	7	0.7	PAL
	12/18/2006	1,1-Dichloroethene	1	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
	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	9/23/2004	cis-1,2-Dichloroethene	78	70	7	ES
	12/14/2004	cis-1,2-Dichloroethene	79	70	7	ES
	3/22/2006	cis-1,2-Dichloroethene	70	70	7	PAL
	7/6/2006	cis-1,2-Dichloroethene	69	70	7	PAL
	10/19/2006	cis-1,2-Dichloroethene	49	70	7	PAL
	12/18/2006	cis-1,2-Dichloroethene	43	70	7	PAL
	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
	3/22/2006	Trichloroethene	44	5	0.5	ES
	7/6/2006	Trichloroethene	47	5	0.5	ES
	10/19/2006	Trichloroethene	35	5	0.5	ES
	12/18/2006	Trichloroethene	36	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
	12/17/2002	Vinyl chloride	28	0.2	0.02	ES
	3/24/2003	Vinyl Chloride	36	0.2	0.02	ES

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	3/22/2006	Vinyl Chloride	16	0.2	0.02	ES
	7/6/2006	Vinyl Chloride	17	0.2	0.02	ES
	10/19/2006	Vinyl Chloride	9.8	0.2	0.02	ES
	12/18/2006	Vinyl Chloride	11	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
	3/22/2006	cis-1,2-Dichloroethene	310	70	7	ES
	7/6/2006	cis-1,2-Dichloroethene	350	70	7	ES
	10/19/2006	cis-1,2-Dichloroethene	320	70	7	ES
	12/18/2006	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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
	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
	3/22/2006	Trichloroethene	140	5	0.5	ES
	7/6/2006	Trichloroethene	180	5	0.5	ES
	10/19/2006	Trichloroethene	160	5	0.5	ES
	12/18/2006	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
	3/22/2006	Vinyl Chloride	63	0.2	0.02	ES
	7/6/2006	Vinyl Chloride	68	0.2	0.02	ES
	10/19/2006	Vinyl Chloride	73	0.2	0.02	ES
	12/18/2006	Vinyl Chloride	68	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

Well	Date	Compound	Result	ES	PAL	Exceedence
	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						
	12/14/2006	cis-1,2-Dichloroethene	420	70	7	ES
	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
	10/2/2001	Trichloroethene	3.2	5	0.5	PAL
	3/20/2002	Trichloroethene	3.5	5	0.5	PAL
	3/22/2006	Trichloroethene	9.8	5	0.5	ES
	12/14/2006	Trichloroethene	110	5	0.5	ES
	12/15/2000	Vinyl chloride	0.22	0.2	0.02	ES
	4/4/2001	Vinyl chloride	0.19	0.2	0.02	PAL
	10/2/2001	Vinyl chloride	0.43	0.2	0.02	ES
	3/20/2002	Vinyl chloride	0.21	0.2	0.02	ES
	3/22/2006	Vinyl Chloride	0.32	0.2	0.02	ES
	12/14/2006	Vinyl Chloride	240	0.2	0.02	ES
P9BD						
	4/4/2001	Trichloroethene	3.3	5	0.5	PAL
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.

APPENDIX D

DATA TREND ANALYSES

Village of Grafton
Lime Kiln Park Landfill
Summary - Trend Analysis

Well	Parameter	Graph	Significance	Trend
P4B	111TCA	No		
Upgradient	11DCE	No		
	11DCA	No		
	VC	Yes	No Trend	No Trend
	TCE	Yes	No Trend	No Trend
	TRANS	No		
	CIS	Yes	No Trend	No Trend
LH1	111TCA	No		
Source Well	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	111TCA	No		
Directly downgradient	11DCE	No		
	11DCA	Yes	No Trend	No Trend
	VC	Yes	No Trend	No Trend
	TCE	Yes	Significant	Downward
	TRANS	Yes	Significant	Downward
	CIS	Yes	Significant	Downward
P2B	111TCA	No		
Directly downgradient	11DCE	No		
	11DCA	Yes	Significant	Downward
	VC	Yes	No Trend	No Trend
	TCE	Yes	Significant	Downward
	TRANS	Yes	Significant	Downward
	CIS	Yes	No Trend	No Trend
P8A	111TCA	Yes	Significant	Downward
Manchester Subdivision shallow well	11DCE	Yes	Significant	Downward
	11DCA	Yes	Significant	Downward
	VC	Yes	Significant	Downward
	TCE	Yes	Significant	Downward
	TRANS	Yes	No Trend	No Trend
	CIS	Yes	Significant	Downward
P8B	111TCA	No		
Manchester Subdivision monitoring zone well	11DCE	No		
	11DCA	No		
	VC	Yes	Significant	Upward
	TCE	Yes	Significant	Upward
	TRANS	No		
	CIS	Yes	Significant	Upward
P7B	111TCA	No		
Watts Property	11DCE	No		
	11DCA	No		
	VC	No		
	TCE	Yes	No Trend	No Trend
	TRANS	No		
	CIS	Yes	No Trend	No Trend

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	0.27
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
3/22/06		0.3
10/19/06		0.3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.040208064
R Square	0.001616688
Adjusted R Square	-0.045925374
Standard Error	0.624477659
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.013261178	0.013261	0.034005	0.855464427
Residual	21	8.189419286	0.389972		
Total	22	8.202680464			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	2.226683585	7.294564994	0.305252	0.763179	-12.9431947	17.39656
X Variable 1	-3.58122E-05	0.000194204	-0.184406	0.855464	-0.00043968	0.000368

RESIDUAL OUTPUT

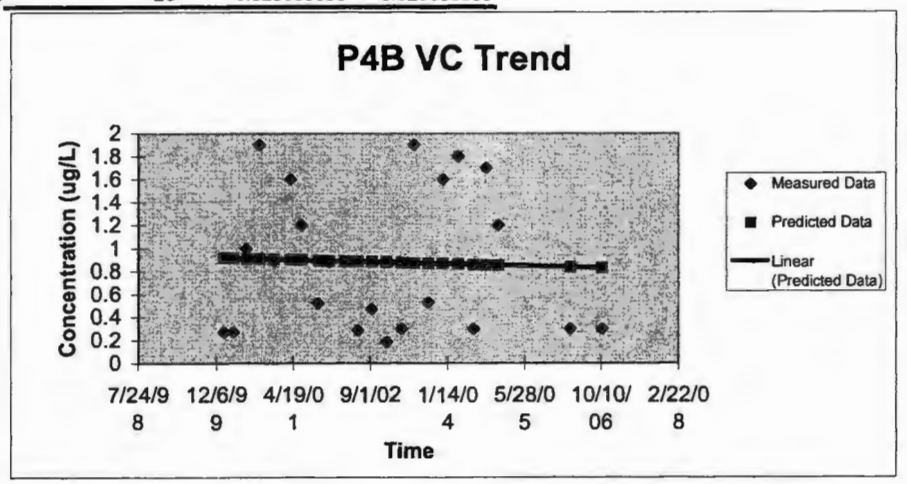
Observation	*Predicted Y*	*Residuals*
1	0.917710198	-0.647710198
2	0.9156689	-0.6456689
3	0.912517422	0.087482578
4	0.909473381	0.990526595
5	0.906178654	-0.016178669
6	0.902203495	0.697796529
7	0.899660826	0.300339222
8	0.895685667	-0.375685686
9	0.893178809	-0.013178814
10	0.889669209	-0.009669214
11	0.886625168	-0.601625168
12	0.883366254	-0.413366255
13	0.879892466	-0.694892466
14	0.876418678	-0.576418678
15	0.873589511	1.026410465
16	0.870366409	-0.340366438
17	0.866892621	0.733107403
18	0.863347209	0.936652744
19	0.859837609	-0.559837609
20	0.856793568	0.84320648
21	0.854000213	0.345999835
22	0.837240082	-0.53724007
23	0.829683698	-0.529683686

Significanc No Trend
Trend: No Trend

Slope -3.58122E-05
P4B VC Tr L:\work\graftn01\eng\2006Annual\[P4B

33
37
47

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
3/22/06		1.9
10/19/06		0.8

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.189788094
R Square	0.036019521
Adjusted R Square	-0.009884312
Standard Error	1.513566716
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1.797596123	1.797596	0.784673	0.385747056
Residual	21	48.10856829	2.290884		
Total	22	49.90616442			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	18.47317928	17.68007329	1.044859	0.307967	-18.2945458	55.2409
X Variable 1	-0.000416952	0.000470698	-0.885818	0.385747	-0.00139582	0.000562

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	3.233149393	-2.033149345
2	3.209383102	-1.409383149
3	3.172691284	-0.172691284
4	3.137250324	2.362749676
5	3.098890696	-1.498890672
6	3.052608971	2.647390838
7	3.023005346	0.776994607
8	2.976723621	-1.876723597
9	2.947536948	1.352463243
10	2.906675605	0.893324347
11	2.871234645	-1.471234645
12	2.83329197	-0.033292018
13	2.79284758	0.107152515
14	2.75240319	-1.922403207
15	2.719463944	1.580536246
16	2.681938222	-0.381938269
17	2.641493832	1.558505978
18	2.600215537	1.499784368
19	2.559354194	-1.759354194
20	2.523913234	1.376086861
21	2.491390941	0.208609107
22	2.296257183	-0.396257207
23	2.208280211	-1.408280199

Significanc No Trend
Trend: No Trend

Slope -0.000417
P4B TCE T L:\work\graftn01\eng\2006Annual\
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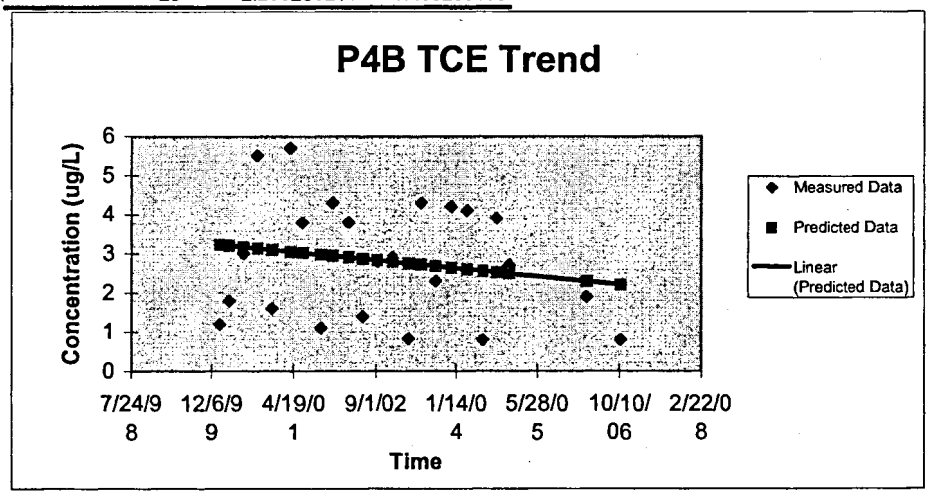
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06	0.97
10/19/06	1.4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.11242447
R Square	0.012639262
Adjusted R Square	-0.034377916
Standard Error	1.329488649
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.475154021	0.475154	0.268822	0.609543356
Residual	21	37.11834145	1.76754		
Total	22	37.59349547			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-5.730206799	15.52984517	-0.36898	0.715836	-38.0262877	26.56587
X Variable 1	0.000214367	0.000413452	0.518481	0.609543	-0.00064545	0.001074

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	2.105117237	-1.155117248
2	2.117336149	-1.457336123
3	2.136200435	-0.136200435
4	2.15442162	2.045578189
5	2.174143374	-0.974143326
6	2.197938098	1.702061997
7	2.213158147	0.386841758
8	2.236952871	-1.036952823
9	2.251958553	0.648041542
10	2.272966508	0.727033492
11	2.291187693	-1.141187693
12	2.31069508	-0.81069508
13	2.331488668	-0.63148862
14	2.352282256	-1.412282258
15	2.36921724	1.330782808
16	2.388510259	-0.788510235
17	2.409303847	1.790695962
18	2.430526169	1.869474022
19	2.451534124	-1.051534124
20	2.469755309	1.930244786
21	2.486475926	1.013524074
22	2.586799628	-1.6167996
23	2.632031041	-1.232031065

Significanc No Trend
Trend: No Trend

Slope 0.000214
P4B CIS T L:\work\graftn01\eng\2006Annual\
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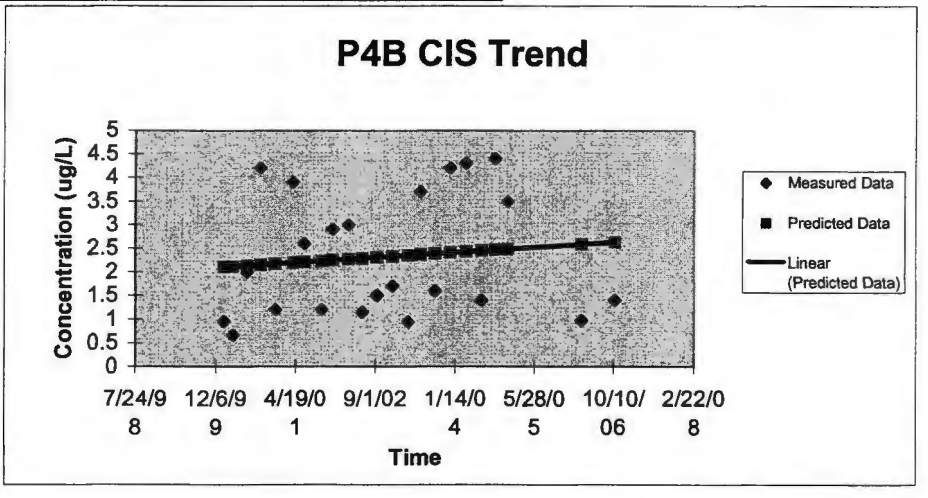
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/24/06		0.95
10/10/06		0.78

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.728062708
R Square	0.530075307
Adjusted R Square	0.50769794
Standard Error	0.179268532
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.761266511	0.761267	23.68801	8.2095E-05
Residual	21	0.674881337	0.032137		
Total	22	1.436147848			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	11.28781347	2.096867213	5.38318	2.44E-05	6.927139395	15.64849
X Variable 1	-0.000271702	5.5825E-05	-4.867033	8.21E-05	-0.0003878	-0.000156

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.356831842	-0.05683189
2	1.341073123	0.258926901
3	1.316891641	-0.316891641
4	1.294068669	0.205931331
5	1.269343782	0.03065617
6	1.238913153	-0.138913129
7	1.219622307	0.180377669
8	1.189735081	0.010264966
9	1.170715938	0.229284038
10	1.143817435	0.056182613
11	1.120722761	0.229277239
12	1.095997874	-0.295997862
13	1.069914478	-0.179914492
14	1.044917889	-0.094917901
15	1.021823215	-0.071823215
16	0.99737003	-0.04737003
17	0.970743229	-0.330743244
18	0.94438813	-0.014388123
19	0.919391542	0.030608458
20	0.894394953	0.055605047
21	0.872115385	-0.032115411
22	0.745773932	0.204226056
23	0.691433522	0.088566449

Significance: Significant
Trend: Downward

Slope -0.000272
LH1 11DCE L:\work\graftn01\eng\2006Annual\
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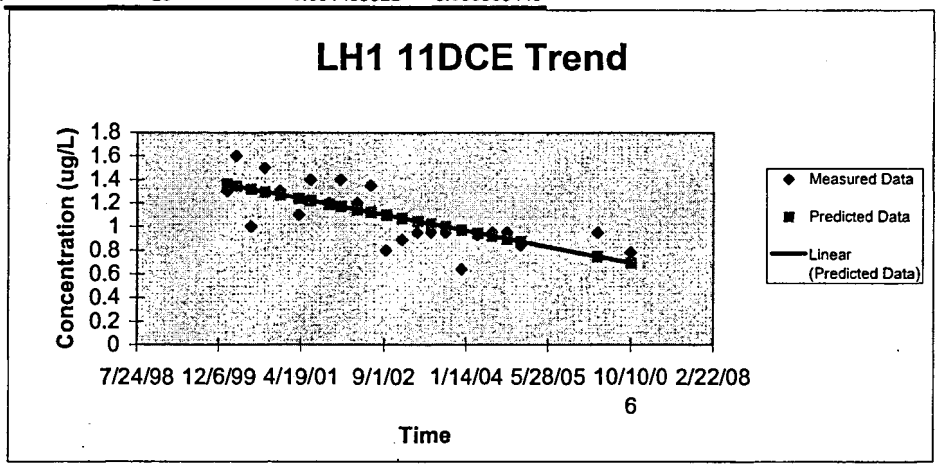
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	8.8
3/24/00	ug/L	8.6
6/21/00	ug/L	4
9/13/00	ug/L	6.2
12/13/00	ug/L	5
4/4/01	ug/L	3.8
6/14/01	ug/L	4.9
10/2/01	ug/L	5.6
12/11/01	ug/L	7
3/20/02	ug/L	4.9
6/13/02	ug/L	25
9/12/02	ug/L	6.3
12/17/02	ug/L	7.1
3/19/03	ug/L	6.7
6/12/03	ug/L	5
9/10/03	ug/L	4.3
12/17/03	ug/L	5.4
3/23/04		4.1
6/23/04		2.5
9/23/04		3.5
12/14/04		6.7
3/24/06		2.5
10/10/06		4.1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.239346651
R Square	0.057286819
Adjusted R Square	0.012395715
Standard Error	4.408146831
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	24.79742176	24.79742	1.276129	0.271358931
Residual	21	408.0669282	19.43176		
Total	22	432.8643499			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	64.4111972	51.56118849	1.249219	0.225331	-42.8161638	171.6386
X Variable 1	-0.0015507	0.001372716	-1.12966	0.271359	-0.00440542	0.001304

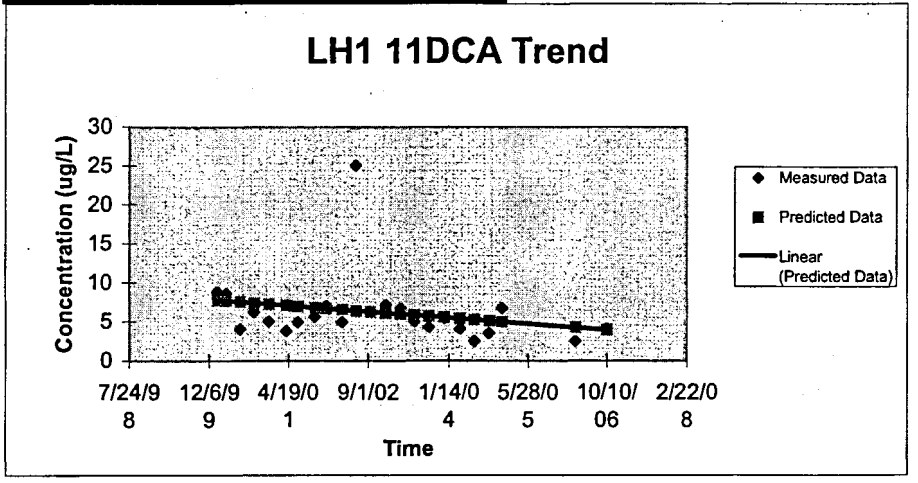
RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	7.7315576	1.068442591
2	7.641616994	0.958383388
3	7.503604684	-3.503604684
4	7.373345875	-1.173346066
5	7.232232166	-2.232232166
6	7.058553754	-3.258553802
7	6.948454046	-2.048453951
8	6.777877035	-1.17787713
9	6.669328027	0.330671973
10	6.515808716	-1.615808621
11	6.383999207	18.61600079
12	6.242885498	0.057114693
13	6.094018287	1.005981617
14	5.951353878	0.748645932
15	5.819544369	-0.819544369
16	5.679981359	-1.379981168
17	5.528012749	-0.128012653
18	5.377594838	-1.277594934
19	5.234930428	-2.734930428
20	5.092266019	-1.592266019
21	4.96510861	1.734891199
22	4.24403306	-1.74403306
23	3.933893039	0.166106866

Significance: No Trend
Trend: No Trend

Slope -0.00155
LH1 11DCA T L:\work\graftn01\eng\2006Annual'
33
37
47

Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00 ug/L	130
3/24/00 ug/L	120
6/21/00 ug/L	130
9/13/00 ug/L	150
12/13/00 ug/L	130
4/4/01 ug/L	110
6/14/01 ug/L	150
10/2/01 ug/L	120
12/11/01 ug/L	110
3/20/02 ug/L	140
6/13/02 ug/L	54
9/12/02 ug/L	100
12/17/02 ug/L	47
3/19/03 ug/L	37
6/12/03 ug/L	75
9/10/03 ug/L	75
12/17/03 ug/L	49
3/23/04	85
6/23/04	62
9/23/04	110
12/14/04	60
3/24/06	39
10/10/06	63

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.729894941
R Square	0.532746625
Adjusted R Square	0.510496465
Standard Error	26.03893709
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	16234.31843	16234.32	23.9435	7.71582E-05
Residual	21	14238.55114	678.0262		
Total	22	30472.86957			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1583.402511	304.5721013	5.198777	3.75E-05	950.0101551	2216.795
X Variable 1	-0.039677252	0.008108636	-4.893209	7.72E-05	-0.05654008	-0.022814

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	133.1592846	-3.159284607
2	130.858004	-10.85800401
3	127.3267286	2.673271393
4	123.9938395	26.00616054
5	120.3832096	9.61679044
6	115.9393574	-5.93935737
7	113.1222725	36.8777275
8	108.7577748	11.24222519
9	105.9803672	4.019632806
10	102.0523193	37.94768072
11	98.67975288	-44.67975288
12	95.06912298	4.930877022
13	91.26010681	-44.26010681
14	87.60979966	-50.60979966
15	84.23723326	-9.237233264
16	80.66628061	-5.666280612
17	76.77790995	-27.77790995
18	72.92921653	12.07078347
19	69.27890937	-7.278909375
20	65.62860222	44.37139778
21	62.37506758	-2.375067579
22	43.92514554	-4.92514554
23	35.9896952	27.0103048

Significanc Significant
Trend: Downward

Slope -0.039677
LH1 VC Tr L:\work\graftn01\eng\2006Annual\
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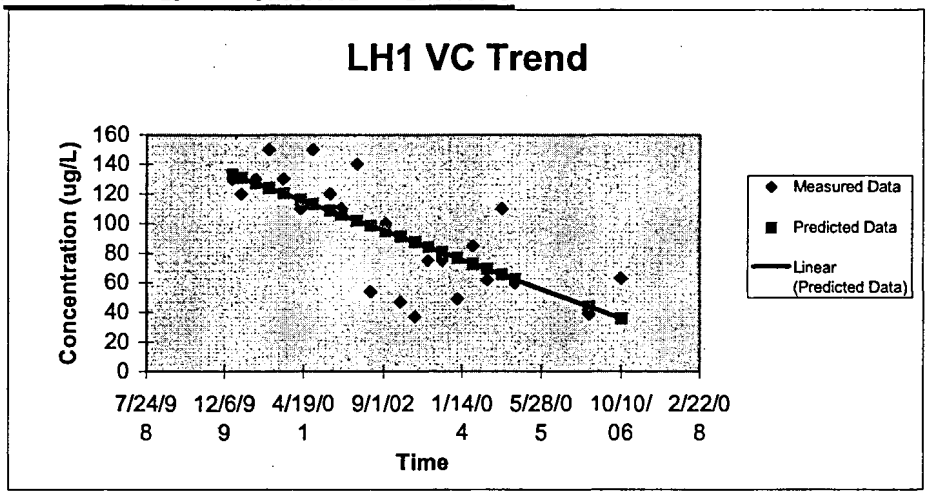
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	29
3/24/00	ug/L	29
6/21/00	ug/L	27
9/13/00	ug/L	27
12/13/00	ug/L	25
4/4/01	ug/L	19
6/14/01	ug/L	21
10/2/01	ug/L	22
12/11/01	ug/L	27
3/20/02	ug/L	21
6/13/02	ug/L	11
9/12/02	ug/L	21
12/17/02	ug/L	29
3/19/03	ug/L	24
6/12/03	ug/L	17
9/10/03	ug/L	18
12/17/03	ug/L	20
3/23/04		15
6/23/04		10
9/23/04		15
12/14/04		20
3/24/06		8.1
10/10/06		15

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.737009984
R Square	0.543183717
Adjusted R Square	0.521430561
Standard Error	4.287798848
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	459.085175	459.0852	24.97034	6.0359E-05
Residual	21	386.0895982	18.38522		
Total	22	845.1747732			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	271.0180219	50.15350284	5.403771	2.33E-05	166.7181034	375.3179
X Variable 1	-0.006672233	0.001335239	-4.997033	6.04E-05	-0.00944901	-0.003895

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	27.14124319	1.858756814
2	26.75425369	2.245746312
3	26.16042497	0.839575026
4	25.59995742	1.400042576
5	24.99278425	0.007215755
6	24.24549418	-5.245494179
7	23.77176565	-2.771765655
8	23.03782005	-1.037820054
9	22.57076376	4.429236238
10	21.91021272	-0.910212721
11	21.34307294	-10.34307294
12	20.73589976	0.26410024
13	20.09536542	8.904634583
14	19.48152001	4.518479995
15	18.91438022	-1.914380223
16	18.31387928	-0.313879276
17	17.66000047	2.339999532
18	17.01279389	-2.012793893
19	16.39894848	-6.398948481
20	15.78510307	-0.785103069
21	15.23797998	4.762020015
22	12.13539176	-4.035391381
23	10.80094522	4.199054785

Significanc Significant
Trend: Downward

Slope -0.006672
LH1 TCE T L:\work\graftn01\eng\2006Annual\
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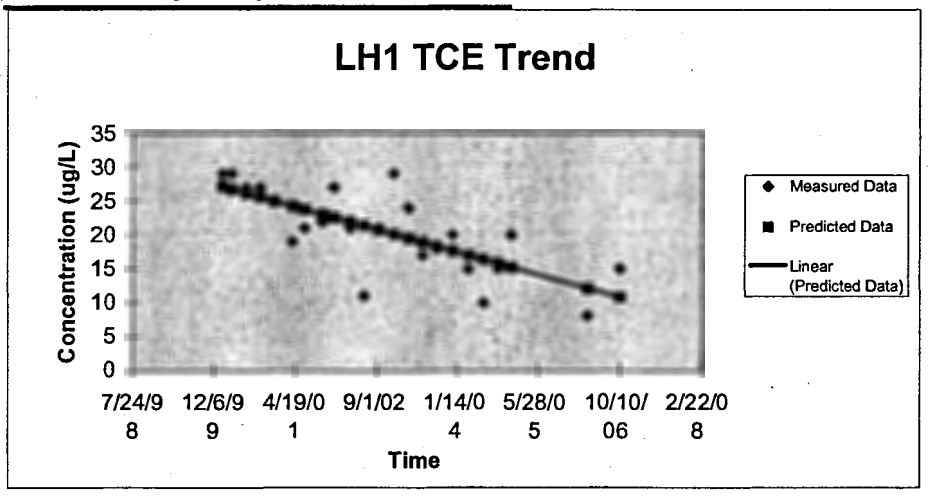
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/26/00	ug/L	5.1
3/24/00	ug/L	4.9
6/21/00	ug/L	5
9/13/00	ug/L	4.8
12/13/00	ug/L	5.1
4/4/01	ug/L	4.7
6/14/01	ug/L	5.3
10/2/01	ug/L	4.7
12/11/01	ug/L	5.6
3/20/02	ug/L	4.8
6/13/02	ug/L	3.1
9/12/02	ug/L	4
12/17/02	ug/L	7
3/19/03	ug/L	2.5
6/12/03	ug/L	3.9
9/10/03	ug/L	3.4
12/17/03	ug/L	3.1
3/23/04		4.2
6/23/04		3.9
9/23/04		3.3
12/14/04		3
3/24/06		3.3
10/10/06		3.3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.612906749
R Square	0.375654683
Adjusted R Square	0.345923954
Standard Error	0.861004812
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	9.366868039	9.366868	12.63523	0.001874406
Residual	21	15.56791503	0.741329		
Total	22	24.93478307			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	40.05361818	10.07099653	3.977126	0.000686	19.10983445	60.9974
X Variable 1	-0.000953063	0.000268121	-3.554607	0.001874	-0.00151065	-0.000395

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	5.218200936	-0.118201032
2	5.162923264	-0.262923169
3	5.078100629	-0.078100629
4	4.998043311	-0.19804312
5	4.911314549	0.188685356
6	4.804571458	-0.104571648
7	4.736903962	0.563096229
8	4.632066997	0.067932812
9	4.565352565	1.034647339
10	4.470999297	0.329000894
11	4.389988915	-1.289989011
12	4.303260154	-0.303260154
13	4.211766075	2.788233925
14	4.12408425	-1.62408425
15	4.043073869	-0.143073773
16	3.95729817	-0.557298075
17	3.863897965	-0.763898061
18	3.771450824	0.428548986
19	3.683768999	0.216231097
20	3.596087174	-0.296087221
21	3.517935982	-0.517935982
22	3.07476154	0.225238412
23	2.884148877	0.415851075

Significanc Significant
Trend: Downward

Slope -0.000953
LH1 TRAN L:\work\graftn01\eng\2006Annual\
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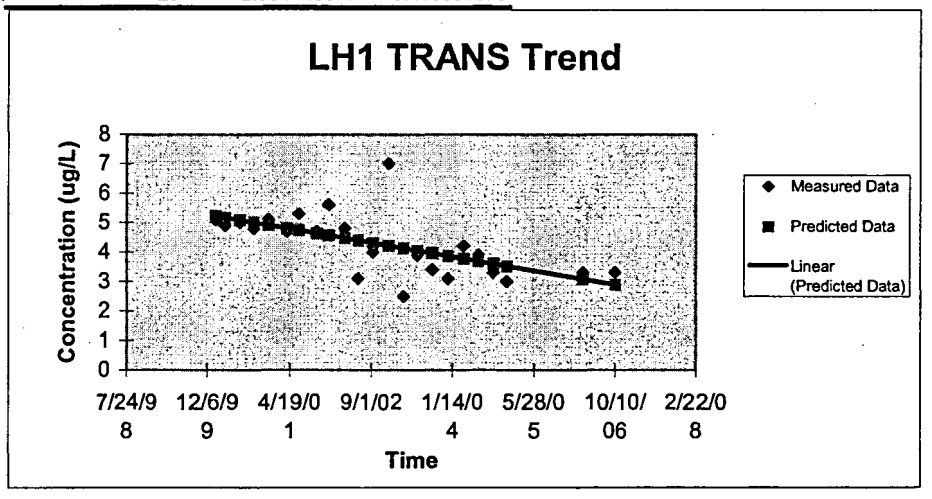
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/24/06		52
10/10/06		75

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.745839832
R Square	0.556277055
Adjusted R Square	0.535147391
Standard Error	16.75430298
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	7390.116488	7390.116	26.32683	4.40218E-05
Residual	21	5894.840034	280.7067		
Total	22	13284.95652			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1097.407852	195.9716423	5.59983	1.48E-05	689.8625131	1504.953
X Variable 1	-0.026770112	0.005217361	-5.130968	4.4E-05	-0.03762021	-0.01592

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	118.9334742	1.066525806
2	117.3808077	-7.380807675
3	114.9982677	5.001732327
4	112.7495782	27.25042177
5	110.313498	9.686501995
6	107.3152454	-7.315245418
7	105.4145674	14.58543256
8	102.4698551	7.530144924
9	100.5959472	9.404052791
10	97.94570608	1.054293917
11	95.67024653	-51.67024653
12	93.2341663	3.765833697
13	90.66423551	-13.66423551
14	88.20138517	-18.20138517
15	85.92592562	-1.925925622
16	83.51661551	1.483384493
17	80.89314449	-14.89314449
18	78.29644359	2.703556408
19	75.83359325	-12.83359325
20	73.37074291	17.62925709
21	71.1755937	11.8244063
22	58.72749144	-6.727491438
23	53.37346896	21.62653104

Significanc Significant
Trend: Downward

Slope -0.02677
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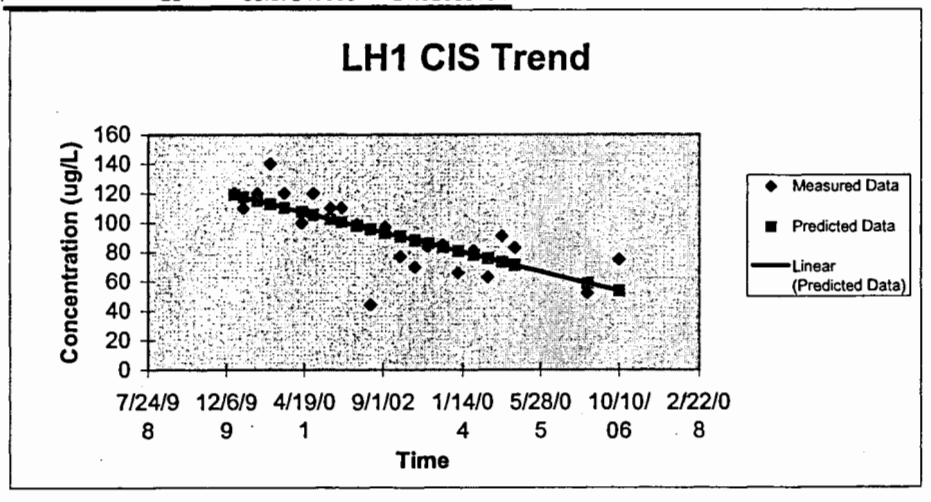
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	24
3/24/00	ug/L	15
6/19/00	ug/L	55
9/12/00	ug/L	37
12/13/00	ug/L	27
4/3/01	ug/L	89
6/13/01	ug/L	40
10/1/01	ug/L	29
12/11/01	ug/L	28
3/19/02	ug/L	21
6/12/02	ug/L	17
9/11/02	ug/L	24
12/17/02	ug/L	24
3/19/03	ug/L	13
6/11/03	ug/L	15
9/9/03	ug/L	21
12/15/03	ug/L	21
3/23/04		22
6/23/04		36
9/22/04		27
12/9/04		27
3/22/06		29
7/6/06		19
10/10/06		22
12/14/06		23

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.311478696
R Square	0.097018978
Adjusted R Square	0.057758934
Standard Error	15.09000523
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	562.710073	562.7101	2.471189	0.129606704
Residual	23	5237.289927	227.7083		
Total	24	5800			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	266.3232135	151.5077891	1.757819	0.092082	-47.0945257	579.741
X Variable 1	-0.006321477	0.004021292	-1.572	0.129607	-0.01464015	0.001997

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	35.27322711	-11.27322711
2	34.90025996	-19.90025996
3	34.35029146	20.64970854
4	33.81296591	3.187034093
5	33.23139002	-6.231390018
6	32.52970606	56.47029394
7	32.08088119	7.919118806
8	31.38551872	-2.385518718
9	30.93669385	-2.936693847
10	30.3171891	-9.317189095
11	29.77986355	-12.77986355
12	29.20460913	-5.204609134
13	28.59142586	-4.591425859
14	28.00984997	-15.00984997
15	27.4788459	-12.4788459
16	26.90991296	-5.909912963
17	26.29672969	-5.296729688
18	25.67090346	-3.67090346
19	25.08932757	10.91067243
20	24.51407316	2.485926841
21	24.02099795	2.979002052
22	21.06254669	7.937453314
23	20.39247012	-1.392470118
24	19.78560832	2.214391679
25	19.37471231	3.625287688

Significance: No Trend
Trend: No Trend

Slope -0.00632
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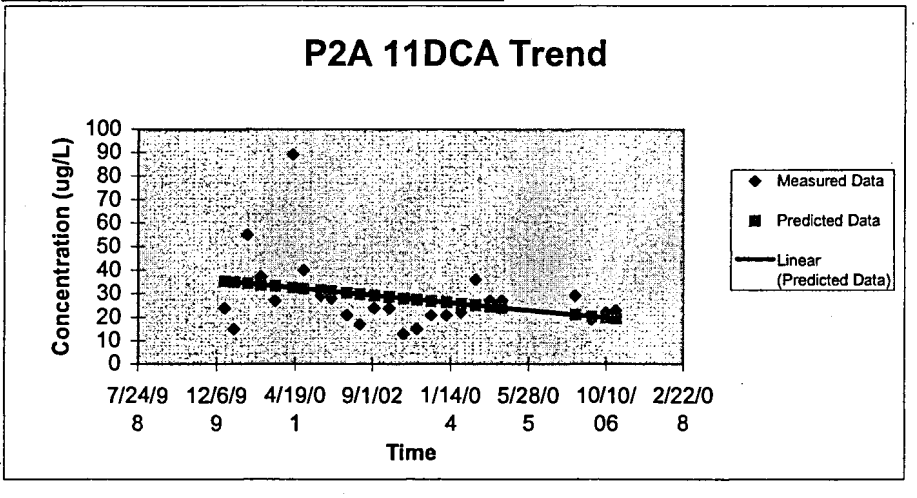
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		0.81
7/6/06		1.5
10/10/06		4.3
12/14/06		2.9

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.045262487
R Square	0.002048693
Adjusted R Square	-0.041340495
Standard Error	2.915124724
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.401244954	0.401245	0.047217	0.829895335
Residual	23	195.4528996	8.497952		
Total	24	195.8541446			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-4.055439174	29.26865136	-0.138559	0.891005	-64.6022572	56.49138
X Variable 1	0.000168803	0.000776843	0.217294	0.829895	-0.00143822	0.001776

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	2.114322588	-0.91432254
2	2.124281985	-1.854281985
3	2.138967874	-1.138967874
4	2.153316158	0.346683842
5	2.168846064	-0.168846064
6	2.187583234	-0.58758321
7	2.19956827	-0.299568294
8	2.218136637	-0.018136589
9	2.230121673	12.76987833
10	2.2466644	-1.406664426
11	2.261012683	-1.331012676
12	2.276373786	-0.37637381
13	2.292747709	-1.092747662
14	2.308277616	-0.90827764
15	2.322457096	-2.022457096
16	2.337649395	-0.637649348
17	2.354023319	-0.854023319
18	2.370734848	-1.640734829
19	2.386264755	-0.28626485
20	2.401625858	2.098374142
21	2.414792518	0.885207434
22	2.493792477	-1.683792475
23	2.51168563	-1.01168563
24	2.52789075	1.772109441
25	2.538862966	0.361137129

Significanc No Trend
Trend: No Trend

Slope 0.000169
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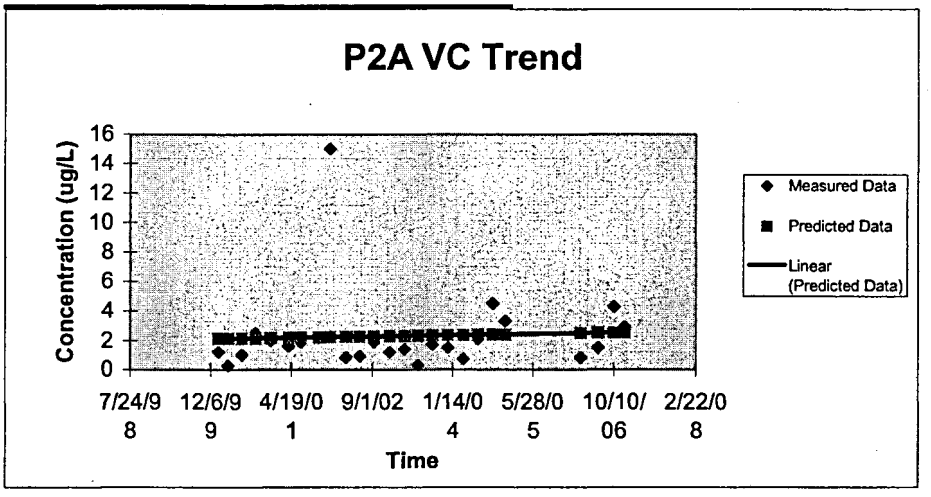
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		3.8
7/6/06		7
10/10/06		1.8
12/14/06		1.6

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.479683419
R Square	0.230096182
Adjusted R Square	0.196622103
Standard Error	6.641449205
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	303.1981081	303.1981	6.873861	0.015246031
Residual	23	1014.503494	44.10885		
Total	24	1317.701602			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	182.2484353	66.68197065	2.733099	0.011852	44.30627006	320.1906
X Variable 1	-0.00464023	0.001769861	-2.621805	0.015246	-0.00830147	-0.000979

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	12.64804556	-8.84804561
2	12.37427202	19.62572798
3	11.97057205	1.029427951
4	11.57615254	-1.67615292
5	11.14925142	-4.949251611
6	10.63418594	-2.934186132
7	10.30472964	-0.304729643
8	9.794304394	-5.194304489
9	9.464848096	17.5351519
10	9.010105601	-0.510105601
11	8.61568609	-4.415686281
12	8.193425202	0.006574608
13	7.743322936	-5.643323031
14	7.316421818	-3.316421818
15	6.926642537	-5.226642489
16	6.509021878	1.890977741
17	6.058919612	-1.958919707
18	5.599536887	-2.799536935
19	5.172635769	-2.372635817
20	4.750374881	5.249625119
21	4.388436977	-3.188436929
22	2.216809551	1.583190401
23	1.724945219	5.275054781
24	1.279483183	0.520516769
25	0.977868263	0.622131761

Significanc Significant
Trend: Downward

Slope -0.00464
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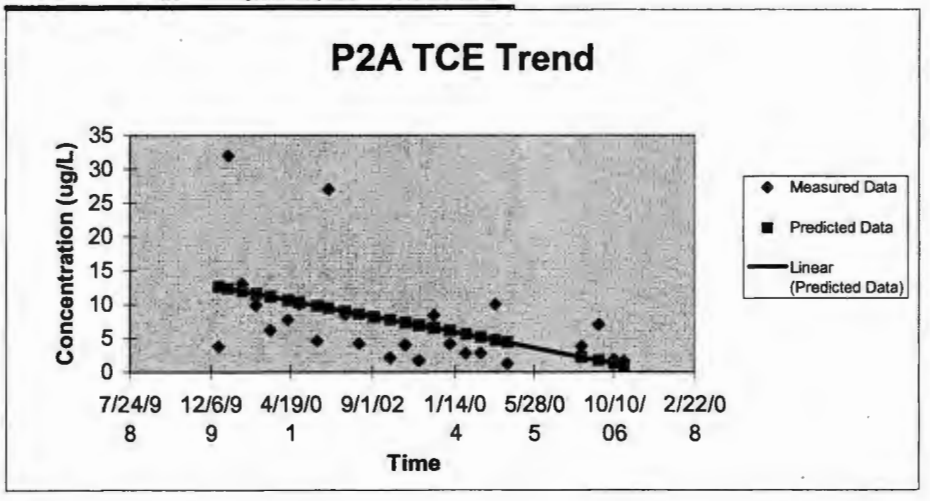
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		1
7/6/06		1.6
10/10/06		2.7
12/14/06		2.3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.397972116
R Square	0.158381805
Adjusted R Square	0.121789709
Standard Error	1.807019019
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	14.13329601	14.1333	4.328307	0.048810971
Residual	23	75.10230789	3.265318		
Total	24	89.2356039			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	40.91219442	18.14296631	2.254989	0.033956	3.380609298	78.44378
X Variable 1	-0.001001839	0.000481547	-2.080458	0.048811	-0.001998	-5.68E-06

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	4.294977737	-0.794977737
2	4.235869234	-1.63586933
3	4.148709238	-1.148709238
4	4.06355292	1.73644727
5	3.971383729	1.128616175
6	3.860179597	-1.760179692
7	3.789049025	-0.789049025
8	3.678846732	2.421153173
9	3.60771616	3.692284031
10	3.509535935	-1.909535911
11	3.424379617	-2.174379617
12	3.333212265	1.56678783
13	3.236033879	4.563966312
14	3.143864688	-1.44386464
15	3.059710209	-1.359710161
16	2.969544696	0.530455304
17	2.872366309	-0.272366405
18	2.773184245	-1.773184245
19	2.681015054	-1.181015054
20	2.589847702	0.510152203
21	2.511704257	0.088295647
22	2.04284359	-1.04284359
23	1.936648652	-0.336648628
24	1.840472105	0.859527943
25	1.775352568	0.524647385

Significanc Significant
Trend: Downward

Slope -0.001002
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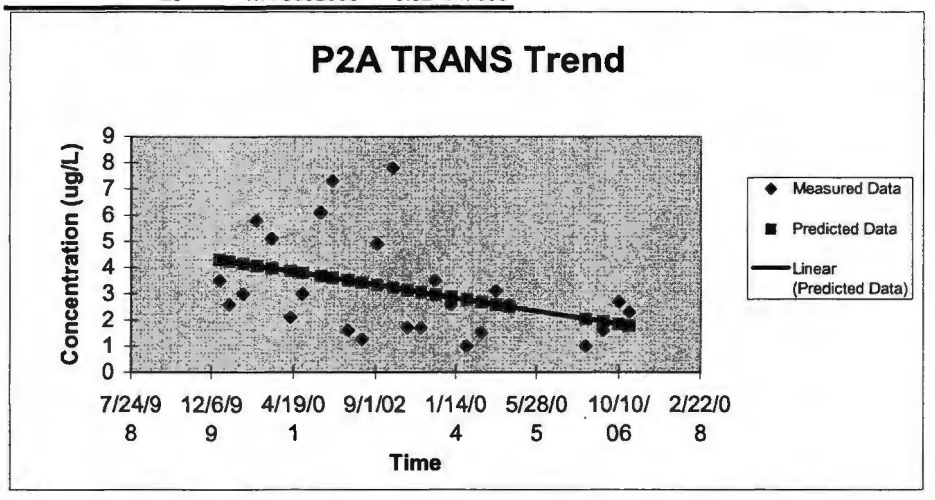
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		1.8
7/6/06		4.4
10/10/06		2.1
12/14/06		1.8

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.413870027
R Square	0.171288399
Adjusted R Square	0.13525746
Standard Error	7.847888502
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	292.7911975	292.7912	4.753925	0.039718244
Residual	23	1416.555141	61.58935		
Total	24	1709.346338			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	178.008073	78.79495191	2.25913	0.033659	15.00829699	341.0078
X Variable 1	-0.004559899	0.002091361	-2.18035	0.039718	-0.00888621	-0.000234

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	11.34376229	-9.343762288
2	11.07472824	14.92527176
3	10.67801702	2.321982975
4	10.2904256	-4.490425414
5	9.870914891	-6.770914986
6	9.364766095	6.635233905
7	9.041013262	-0.94101288
8	8.539424365	-3.739424174
9	8.215671531	27.78432847
10	7.768801423	-6.368801447
11	7.381210003	-3.981209908
12	6.966259188	-3.366259284
13	6.523948979	-4.523948979
14	6.104438266	-5.264438292
15	5.721406744	-4.421406792
16	5.311015829	-2.911015734
17	4.86870562	-3.668705572
18	4.417275613	-3.217275565
19	3.997764899	3.402235196
20	3.582814084	0.917185916
21	3.227141958	-1.327141981
22	1.093109197	0.706890756
23	0.609759896	3.790240199
24	0.172009586	1.927990319
25	-0.124383853	1.924383805

Significanc Significant
Trend: Downward

Slope -0.00456
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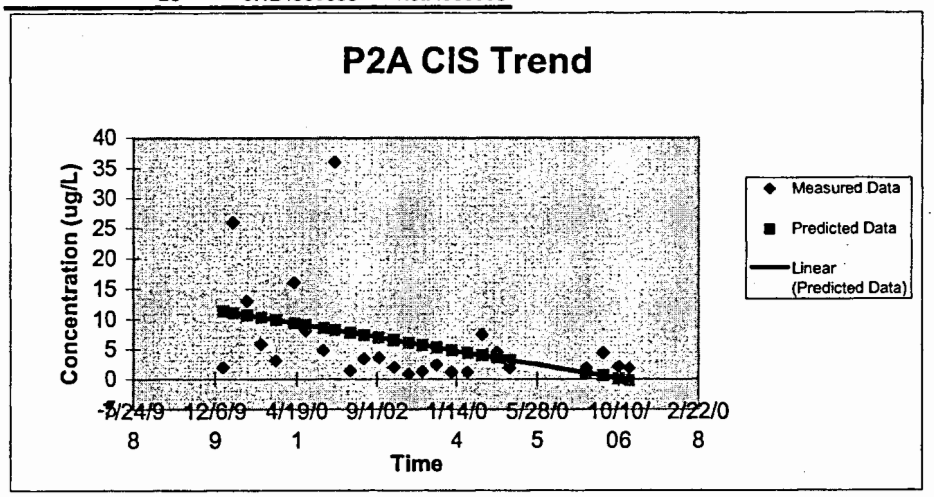
Measured Data
Predicted Data
Concentration (ug/L)
Time



1/25/00	ug/L	22
3/24/00	ug/L	26
6/19/00	ug/L	25
9/12/00	ug/L	24
12/13/00	ug/L	22
4/3/01	ug/L	19
6/13/01	ug/L	18
10/1/01	ug/L	16
12/11/01	ug/L	18
3/19/02	ug/L	18
6/12/02	ug/L	14
9/11/02	ug/L	19
12/17/02	ug/L	23
3/19/03	ug/L	20
6/11/03	ug/L	25
9/9/03	ug/L	26
12/15/03	ug/L	17
3/23/04		18
6/23/04		14
9/22/04		17
12/9/04		14
3/24/06		17
7/6/06		16
10/10/06		19
12/14/06		18

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.475332953
R Square	0.225941416
Adjusted R Square	0.192286695
Standard Error	3.36273494
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	75.9163157	75.91632	6.713513	0.016333864
Residual	23	260.0836843	11.30799		
Total	24	336			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	106.8496711	33.7574368	3.165219	0.004323	37.017093	176.6822
X Variable 1	-0.002321529	0.000895982	-2.59104	0.016334	-0.00417501	-0.00047

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	21.99779081	0.00220919
2	21.86082061	4.139179394
3	21.65884759	3.341152406
4	21.46151764	2.53848236
5	21.24793698	0.752063016
6	20.99024728	-1.990247279
7	20.82541873	-2.825418729
8	20.57005055	-4.570050552
9	20.405222	-2.405222002
10	20.17771217	-2.177712173
11	19.98038222	-5.980382218
12	19.76912309	-0.769123091
13	19.54393479	3.45606521
14	19.33035413	0.669645866
15	19.13534571	5.864654292
16	18.92640811	7.07359189
17	18.70121981	-1.701219809
18	18.47138845	-0.47138845
19	18.25780779	-4.257807794
20	18.04654867	-1.046548667
21	17.86546941	-3.865469414
22	16.77435084	0.225649156
23	16.53291184	-0.532911841
24	16.31004507	2.689954931
25	16.15914569	1.840854308

Significance: Significant
Trend: Downward

Slope -0.00232
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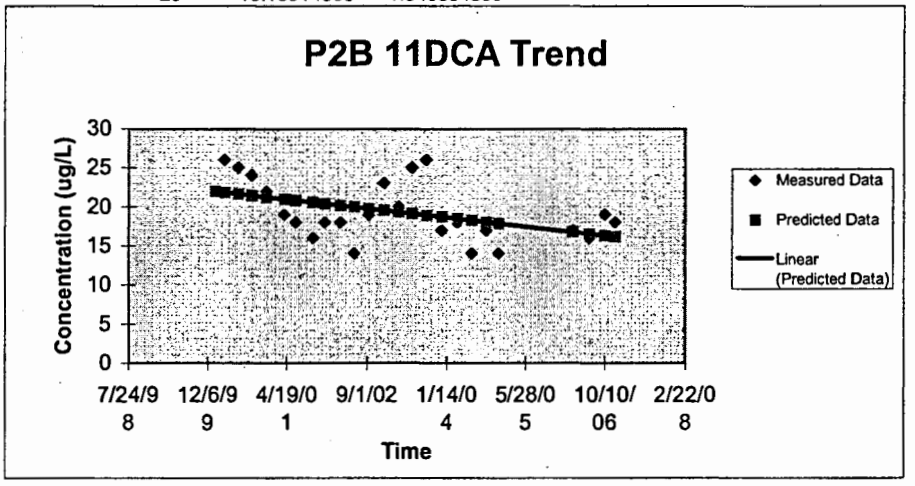
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/24/06		260
7/6/06		310
10/10/06		400
12/14/06		330

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.242011866
R Square	0.058569743
Adjusted R Square	0.017637993
Standard Error	54.15722943
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4196.873514	4196.874	1.430912	0.243802076
Residual	23	67459.12649	2933.005		
Total	24	71656			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	992.6098726	543.6673668	1.825767	0.080898	-132.051757	2117.272
X Variable 1	-0.01726114	0.014429888	-1.196207	0.243802	-0.04711164	0.012589

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	361.7152154	8.28478464
2	360.6968081	-20.69680812
3	359.195089	90.80491104
4	357.7278921	-17.72789208
5	356.1398672	33.86013277
6	354.2238807	-24.22388072
7	352.9983398	-22.9983398
8	351.0996144	-51.09961443
9	349.8740735	50.1259265
10	348.1824818	-38.18248181
11	346.7152849	-56.71528493
12	345.1445212	14.85547878
13	343.4701907	46.52980934
14	341.8821658	-91.88216581
15	340.4322301	19.56776993
16	338.8787275	121.1212725
17	337.2043969	-47.20439694
18	335.4955441	14.50445589
19	333.9075193	-63.90751925
20	332.3367555	47.66324446
21	330.9903866	-30.99038664
22	322.877651	-62.87765096
23	321.0824924	-11.08249243
24	319.425423	80.57457698
25	318.3034489	11.69655107

Significanc No Trend
Trend: No Trend

Slope -0.017261
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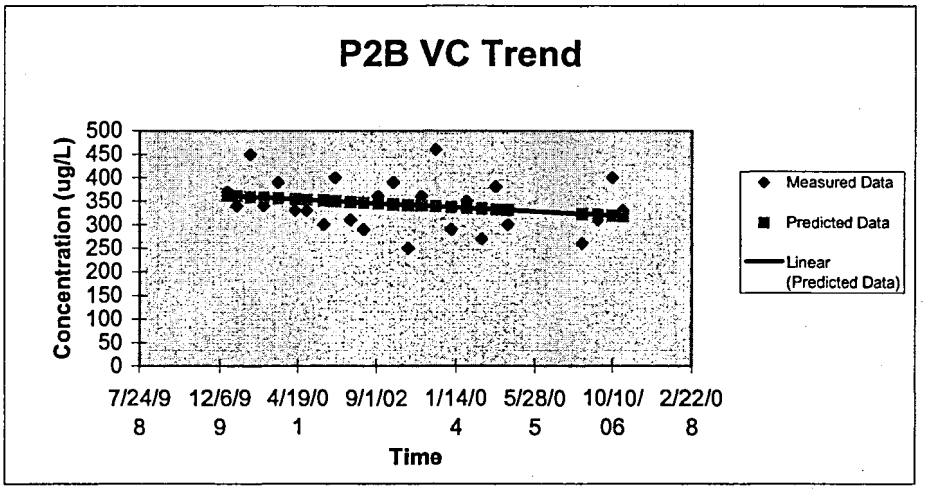
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/24/06		100
7/6/06		120
10/10/06		150
12/14/06		130

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.756438898
R Square	0.572199806
Adjusted R Square	0.553599798
Standard Error	22.39986221
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	15435.66197	15435.66	30.76342	1.21522E-05
Residual	23	11540.33803	501.7538		
Total	24	26976			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1400.562086	224.8651608	6.228453	2.35E-06	935.3930619	1865.731
X Variable 1	-0.033103137	0.005968317	-5.546478	1.22E-05	-0.04544954	-0.020757

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	190.6424108	19.35758917
2	188.6893257	-18.68932572
3	185.8093528	24.19064724
4	182.9955861	-12.99558608
5	179.9500974	20.04990257
6	176.2756492	13.72435083
7	173.9253264	-3.92532641
8	170.2839813	-20.28398129
9	167.9336585	2.066341473
10	164.6895511	-24.68955105
11	161.8757844	-11.87578437
12	158.8633989	21.13660114
13	155.6523945	4.347605477
14	152.6069059	37.39309412
15	149.8262423	0.173757672
16	146.84696	23.15304004
17	143.6359556	-23.63595562
18	140.358745	-20.35874501
19	137.3132564	-37.31325636
20	134.3008709	-24.30087085
21	131.7188261	-21.71882613
22	116.1603515	-16.16035152
23	112.7176252	7.282374782
24	109.539724	40.46027598
25	107.3880201	22.61197992

Significanc Significant
Trend: Downward

Slope -0.033103
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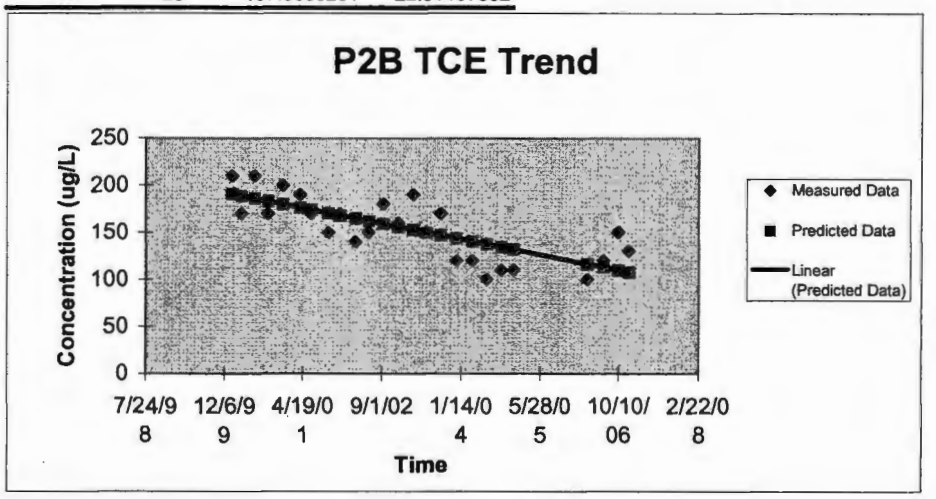
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/24/06		6.2
7/6/06		8.2
10/10/06		11
12/14/06		9.5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.558572104
R Square	0.312002795
Adjusted R Square	0.282089873
Standard Error	2.756829319
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	79.27192506	79.27193	10.43037	0.003706626
Residual	23	174.8024815	7.600108		
Total	24	254.0744066			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	99.62947349	27.67494113	3.599989	0.00151	42.37949623	156.8795
X Variable 1	-0.002372282	0.000734542	-3.229608	0.003707	-0.0038918	-0.000853

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	12.922583	-3.122582813
2	12.78261839	-0.782618392
3	12.5762299	-0.576229898
4	12.37458597	8.625414033
5	12.15633606	2.843663936
6	11.89301281	3.106987187
7	11.72458082	-1.924580632
8	11.46362985	-2.263630044
9	11.29519786	1.704802137
10	11.06271427	-1.662714653
11	10.86107034	0.138929659
12	10.64519272	-1.445192911
13	10.41508141	-2.615081219
14	10.19683151	-0.396831317
15	9.997559858	0.002440142
16	9.784054519	1.215945481
17	9.553943209	-3.453943304
18	9.319087336	-0.619087527
19	9.100837434	-2.900837625
20	8.884959813	-1.284959909
21	8.699921853	-0.499922043
22	7.584949526	-1.384949717
23	7.338232246	0.861767564
24	7.110493217	3.889506783
25	6.956294917	2.543705083

Significanc Significant
Trend: Downward

Slope -0.002372
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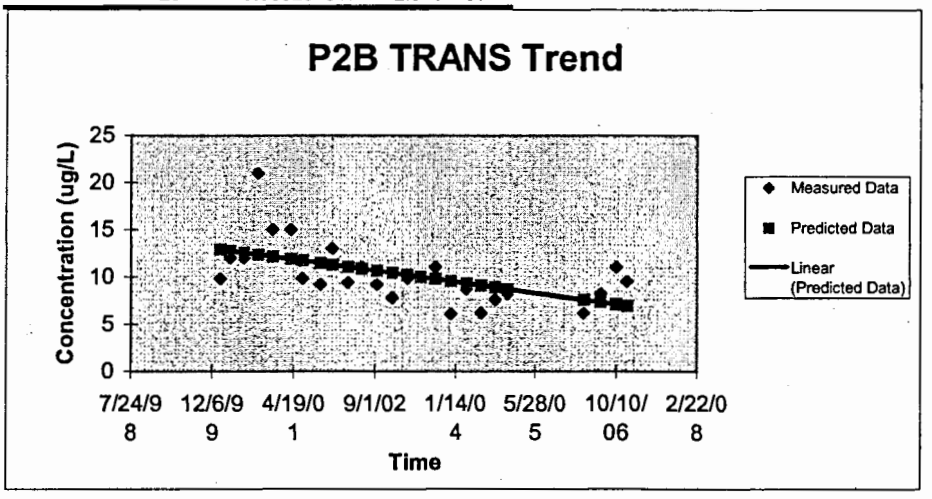
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/24/06		440
7/6/06		490
10/10/06		550
12/14/06		510

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.275292092
R Square	0.075785736
Adjusted R Square	0.035602507
Standard Error	52.96026223
Observations	25

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5289.844374	5289.844	1.886004	0.182893845
Residual	23	64510.15563	2804.789		
Total	24	69800			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1229.981858	531.6513901	2.313512	0.029982	130.17717	2329.787
X Variable 1	-0.019378849	0.014110963	-1.373319	0.182894	-0.0485696	0.009812

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	521.6849319	8.315068122
2	520.5415798	-50.5415798
3	518.8556199	81.14438006
4	517.2084178	-27.20841779
5	515.4255637	54.5744363
6	513.2745115	6.725488528
7	511.8986132	-31.8986132
8	509.7669398	-39.76693983
9	508.3910416	11.60895844
10	506.4919144	13.50808563
11	504.8447122	-64.84471222
12	503.081237	36.91876303
13	501.2014886	38.79851137
14	499.4186345	30.58136547
15	497.7908112	32.20918877
16	496.0467148	103.9532852
17	494.1669665	-94.16696649
18	492.2484605	-42.24846045
19	490.4656064	-80.46560636
20	488.7021311	-38.70213111
21	487.1905809	-37.1905809
22	478.0825219	-38.08252194
23	476.0671217	13.93287835
24	474.2067522	75.79324784
25	472.947127	37.05287301

Significanc No Trend
Trend: No Trend

Slope -0.019379
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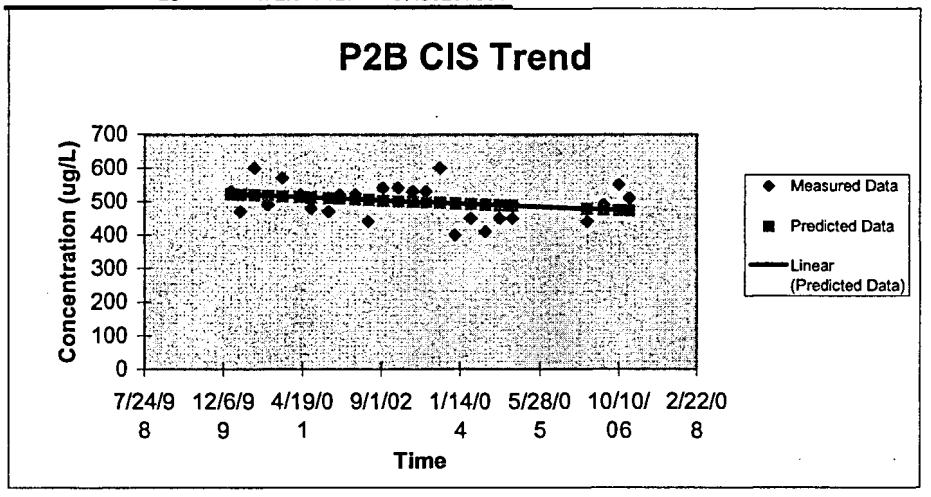
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	12	
6/21/00	ug/L	10	
9/13/00	ug/L	13	
12/15/00	ug/L	12	
4/4/01	ug/L	14	
6/14/01	ug/L	15	
10/4/01	ug/L	14	
12/13/01	ug/L	8.2	
3/20/02	ug/L	13	
6/13/02	ug/L	12	
9/12/02	ug/L	14	
12/17/02	ug/L	16	
3/24/03	ug/L	12	
6/12/03	ug/L	11	
9/10/03	ug/L	11	
12/17/03	ug/L	8.7	
3/25/04	ug/L	5.3	
6/29/04		5.1	
9/23/04		3.8	
12/14/04		5.4	
3/22/06		3.8	
7/6/06		4.1	
10/19/06		2.8	
12/18/06		2.6	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.817249266
R Square	0.667896362
Adjusted R Square	0.652800743
Standard Error	2.548517378
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	287.3646385	287.3646	44.24438	1.09356E-06
Residual	22	142.8886982	6.494941		
Total	23	430.2533367			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	188.178299	26.86229863	7.005294	4.97E-07	132.4693016	243.8873
X Variable 1	-0.004736379	0.000712061	-6.651645	1.09E-06	-0.0062131	-0.00326

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	14.78893782	-2.788937821
2	14.36266371	-4.362663714
3	13.96480788	-0.964807881
4	13.52432464	-1.524324637
5	13.00332295	0.996677049
6	12.66704004	2.332959956
7	12.1365656	1.8634344
8	11.80501907	-3.605019263
9	11.34559031	1.654409687
10	10.9429981	1.057001899
11	10.51198762	3.488012385
12	10.05729523	5.942704766
13	9.597866475	2.402133525
14	9.218956158	1.781043842
15	8.792682051	2.207317949
16	8.328516912	0.371482897
17	7.859615395	-2.559615204
18	7.404923014	-2.304923109
19	6.997594423	-3.197594471
20	6.609211348	-1.209211253
21	4.416267887	-0.616267935
22	3.914211717	0.185788188
23	3.416891925	-0.616891973
24	3.132709187	-0.532709283

Significanc Significant
Trend: Downward

Slope -0.004736
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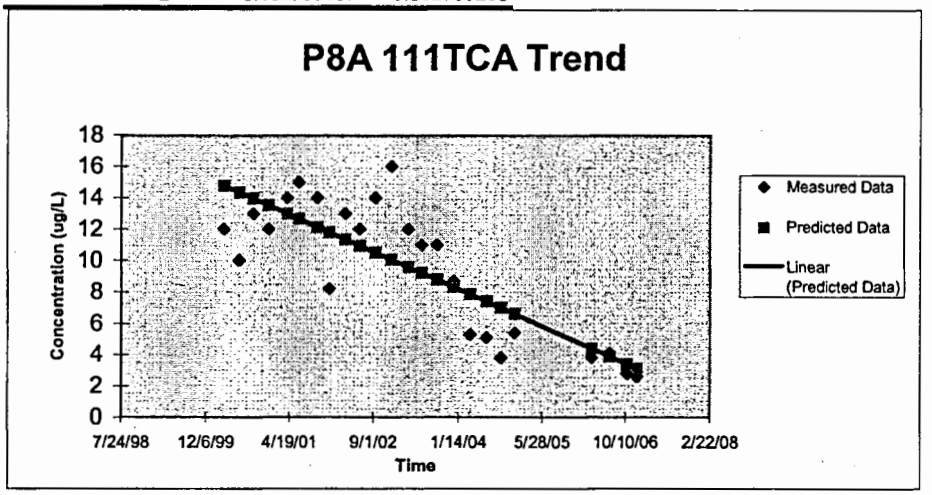
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		1.7
7/6/06		1.8
10/19/06		1
12/18/06		1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.865145048
R Square	0.748475953
Adjusted R Square	0.737043042
Standard Error	0.573802047
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	21.55486008	21.55486	65.46679	4.88858E-08
Residual	22	7.243473369	0.329249		
Total	23	28.79833345			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	51.86845664	6.048081949	8.576018	1.83E-08	39.32550243	64.41141
X Variable 1	-0.001297186	0.000160322	-8.091155	4.89E-08	-0.00162967	-0.000965

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	4.381057096	-0.481057001
2	4.264310321	-0.264310321
3	4.155346664	-0.455346616
4	4.034708329	-0.934708424
5	3.892017825	0.00798227
6	3.799917591	0.600082504
7	3.654632715	0.545367094
8	3.563829668	-0.763829715
9	3.438002587	1.261997222
10	3.327741744	0.172258256
11	3.209697782	0.690302314
12	3.085167888	0.414832112
13	2.959340807	0.840659145
14	2.855565896	0.244434009
15	2.73881912	0.061180832
16	2.611694854	-0.011694949
17	2.483273401	-0.383273496
18	2.358743507	-0.358743507
19	2.247185477	-0.947185524
20	2.140816192	-0.34081624
21	1.540218891	0.159781156
22	1.402717134	0.397282819
23	1.266512562	-0.266512562
24	1.188681378	-0.188681378

Significance: Significant
Trend: Downward

Slope -0.001297
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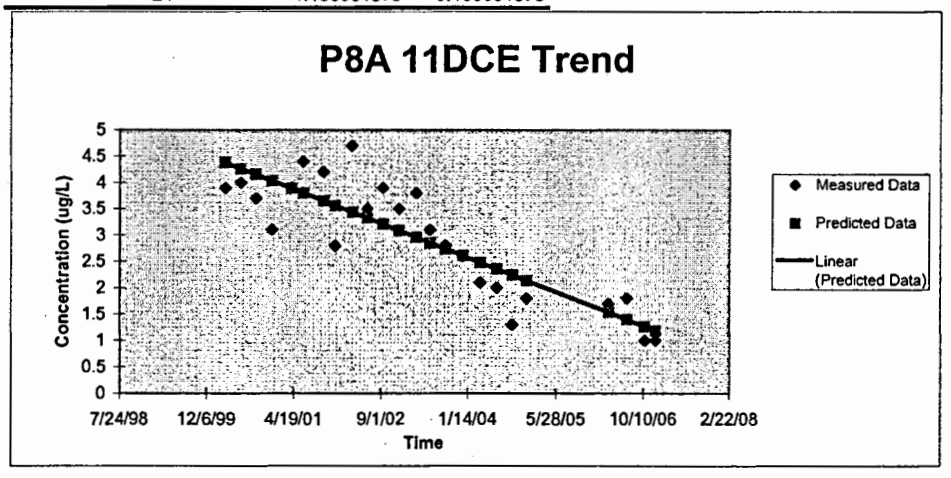
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	35
6/21/00	ug/L	38
9/13/00	ug/L	41
12/15/00	ug/L	43
4/4/01	ug/L	49
6/14/01	ug/L	52
10/4/01	ug/L	47
12/13/01	ug/L	30
3/20/02	ug/L	49
6/13/02	ug/L	38
9/12/02	ug/L	51
12/17/02	ug/L	47
3/24/03	ug/L	42
6/12/03	ug/L	41
9/10/03	ug/L	40
12/17/03	ug/L	33
3/25/04	ug/L	23
6/29/04		20
9/23/04		13
12/14/04		25
3/22/06		23
7/6/06		22
10/19/06		15
12/18/06		15

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.758293312
R Square	0.575008747
Adjusted R Square	0.555690963
Standard Error	8.275746755
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	2038.597678	2038.598	29.76577	1.76034E-05
Residual	22	1506.735656	68.48798		
Total	23	3545.333333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	510.4835872	87.22937605	5.852198	6.89E-06	329.5809343	691.3862
X Variable 1	-0.012615241	0.002312262	-5.4558	1.76E-05	-0.01741058	-0.00782

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	48.6648532	-13.6648532
2	47.52948153	-9.529481534
3	46.46980131	-5.46980131
4	45.29658392	-2.296583918
5	43.90890743	5.091092566
6	43.01322534	8.986774661
7	41.60031837	5.399681626
8	40.71725152	-10.71725152
9	39.49357317	9.506426835
10	38.4212777	-0.4212777
11	37.27329079	13.72670921
12	36.06222768	10.93777232
13	34.83854932	7.161450678
14	33.82933006	7.170669939
15	32.69395839	7.306041608
16	31.4576648	1.542335204
17	30.20875596	-7.20875596
18	28.99769285	-8.997692847
19	27.91278214	-14.91278214
20	26.8783324	-1.878332398
21	21.03747592	1.962524078
22	19.7002604	2.299739599
23	18.37566012	-3.37566012
24	17.61874567	-2.618745674

Significance: Significant
Trend: Downward

Slope -0.01262
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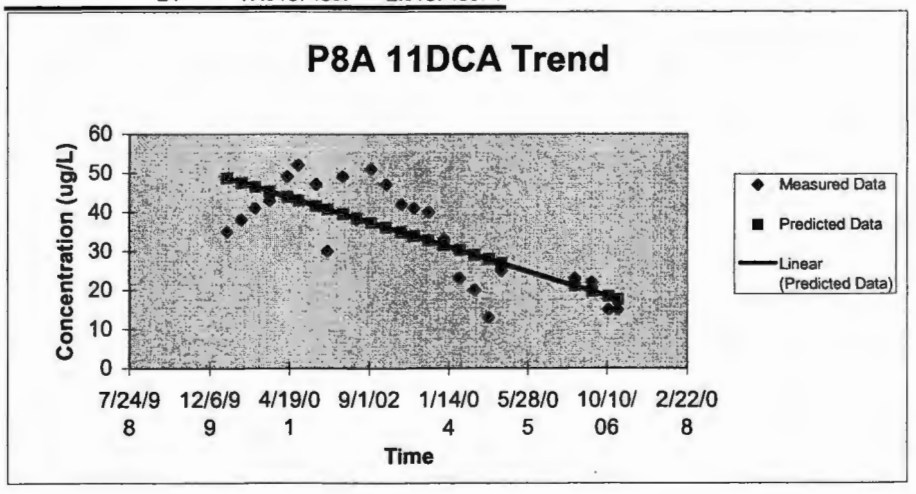
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		16
7/6/06		17
10/19/06		9.8
12/18/06		11

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.538540362
R Square	0.290025721
Adjusted R Square	0.257754163
Standard Error	10.01880596
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	902.0871826	902.0872	8.987038	0.006627727
Residual	22	2208.282402	100.3765		
Total	23	3110.369584			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	338.9138061	105.601853	3.209355	0.004042	119.9089682	557.9186
X Variable 1	-0.008391779	0.002799276	-2.997839	0.006628	-0.01419712	-0.002586

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	31.70756109	5.292438913
2	30.95230098	-2.952300978
3	30.24739154	-19.24739154
4	29.4669561	-15.4669561
5	28.54386041	-5.54386041
6	27.9480441	0.051955897
7	27.00816486	7.991835144
8	26.42074033	0.579259672
9	25.60673777	20.39326223
10	24.89343655	8.106563447
11	24.12978467	12.87021533
12	23.32417388	4.675826117
13	22.51017132	13.48982868
14	21.838829	5.161170997
15	21.08356889	3.916431105
16	20.26117455	-0.261174555
17	19.43038844	-12.23038863
18	18.62477765	-14.12477765
19	17.90308466	-12.90308466
20	17.21495878	-5.214958784
21	13.32956512	2.670434885
22	12.44003654	4.559963457
23	11.55889975	-1.758899559
24	11.05539301	-0.055393011

Significanc Significant
Trend: Downward

Slope -0.008392
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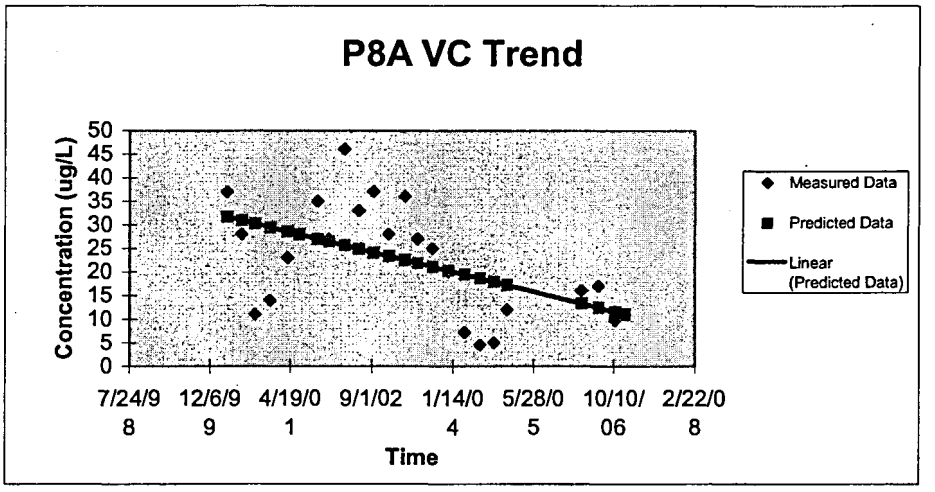
Measured Data
Predicted Data
Concentration (ug/L)
Time



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	
3/22/06		44	
7/6/06		47	
10/19/06		35	
12/18/06		36	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.700460042
R Square	0.49064427
Adjusted R Square	0.467491737
Standard Error	12.69765263
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3416.764921	3416.765	21.19182	0.000138177
Residual	22	3547.068413	161.2304		
Total	23	6963.833333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	683.9180241	133.8378698	5.110049	4.04E-05	406.3552718	961.4808
X Variable 1	-0.016331923	0.003547752	-4.603457	0.000138	-0.02368951	-0.008974

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	86.03897703	-17.03897703
2	84.56910393	-8.569103931
3	83.19722238	4.802777623
4	81.67835351	11.32164649
5	79.88184195	10.11815805
6	78.7222754	11.2777246
7	76.89309999	-3.893099994
8	75.74986537	-33.74986537
9	74.16566881	-2.165668808
10	72.77745533	-3.77745533
11	71.29125031	1.708749688
12	69.72338568	9.276614322
13	68.13918912	1.860810879
14	66.83263526	-7.83263526
15	65.36276217	3.637237835
16	63.76223368	7.237766315
17	62.14537328	21.85462672
18	60.57750865	24.42249135
19	59.17296325	4.827036754
20	57.83374554	-5.833745537
21	50.27206506	-6.272065063
22	48.5408812	-1.540881196
23	46.82602925	-11.82602925
24	45.84611386	-9.846113857

Significanc Significant
Trend: Downward

Slope -0.016332

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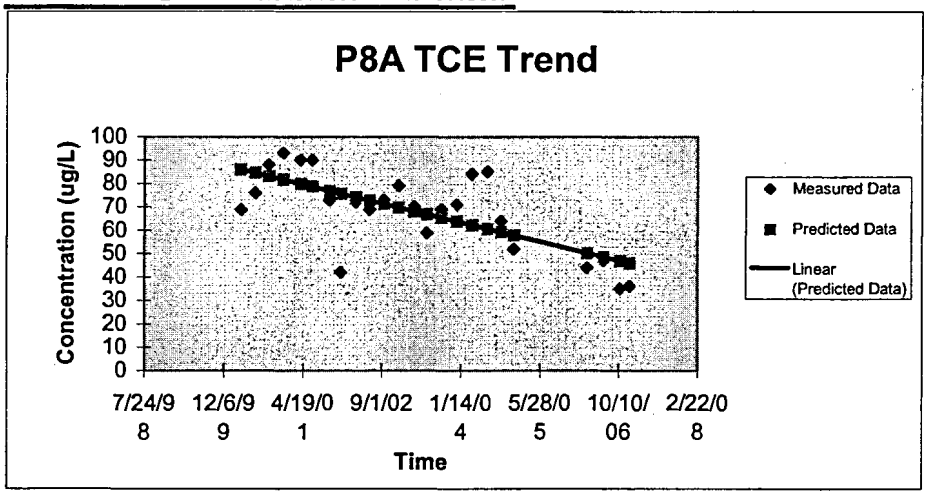
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		1.5
7/6/06		0.95
10/19/06		1.5
12/18/06		1.5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.213715908
R Square	0.045674489
Adjusted R Square	0.002296057
Standard Error	0.970139291
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.990987179	0.990987	1.052931	0.315983963
Residual	22	20.70574536	0.94117		
Total	23	21.69673254			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	12.2224553	10.22562042	1.195278	0.244705	-8.9841834	33.42909
X Variable 1	-0.00027814	0.000271059	-1.026124	0.315984	-0.00084028	0.000284

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	2.040298007	-0.440297983
2	2.015265387	-1.015265387
3	1.991901608	-0.391901584
4	1.966034567	1.533965433
5	1.935439143	-0.135439191
6	1.915691187	-0.015691211
7	1.884539482	-0.08453953
8	1.865069666	-0.935069659
9	1.838090065	0.061909911
10	1.814448146	-0.564448146
11	1.789137385	0.110862591
12	1.762435924	3.837563981
13	1.735456322	-0.135456298
14	1.713205104	-0.013205057
15	1.688172484	0.011827563
16	1.660914743	-0.260914766
17	1.63337886	-0.333378908
18	1.606677399	-0.406677351
19	1.58275734	-0.08275734
20	1.559949841	-0.629949834
21	1.431170918	0.068829082
22	1.401688054	-0.451688066
23	1.372483331	0.127516669
24	1.355794918	0.144205082

Significanc No Trend
Trend: No Trend

Slope -0.000278
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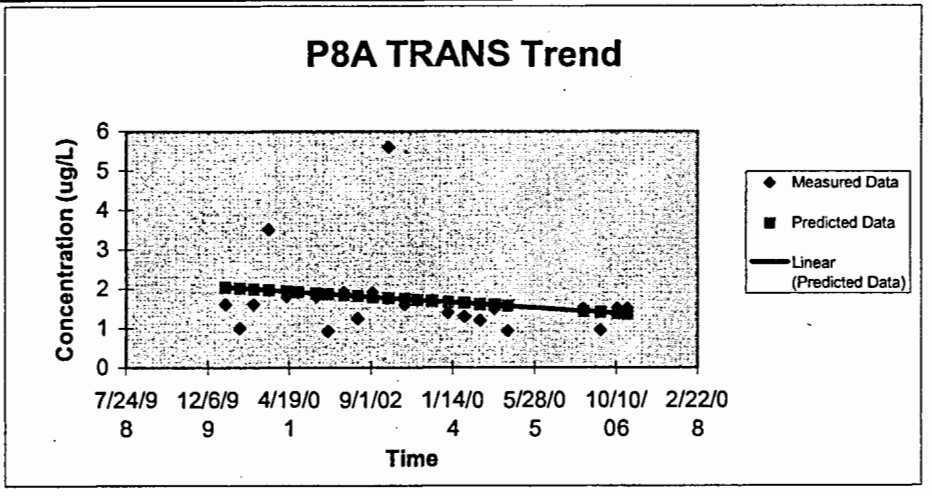
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		70
7/6/06		69
10/19/06		49
12/18/06		43

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.836381346
R Square	0.699533755
Adjusted R Square	0.685876199
Standard Error	21.03314757
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	22659.18081	22659.18	51.21954	3.56177E-07
Residual	22	9732.652524	442.3933		
Total	23	32391.83333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	1705.756472	221.6970133	7.694089	1.12E-07	1245.985009	2165.528
X Variable 1	-0.042058316	0.005876707	-7.156783	3.56E-07	-0.05424586	-0.029871

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	166.085626	-46.08562597
2	162.3003775	-22.3003775
3	158.7674789	-8.76747892
4	154.8560555	-4.856055498
5	150.2296407	9.770359303
6	147.2435002	22.75649976
7	142.5329688	17.4670312
8	139.5888867	-41.58888666
9	135.50923	24.49077003
10	131.9342731	-1.934273076
11	128.1069663	31.89303371
12	124.0693679	15.93063208
13	119.9897112	10.01028877
14	116.6250459	13.37495408
15	112.8397974	27.16020256
16	108.7180824	11.28191756
17	104.5543091	5.445690881
18	100.5167107	9.483289252
19	96.89969554	-18.89969554
20	93.4509136	-14.4509136
21	73.97791312	-3.977913118
22	69.51973158	-0.519731583
23	65.10360836	-16.10360836
24	62.58010938	-19.58010938

Significanc Significant
Trend: Downward

Slope -0.042058
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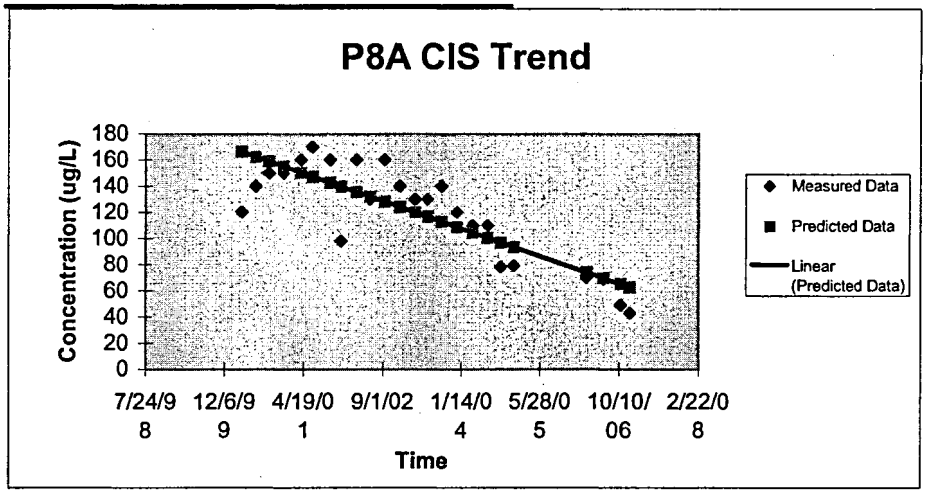
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.27
6/22/00	ug/L	0
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
3/22/06		63
7/6/06		68
10/19/06		73
12/18/06		68

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.924049498
R Square	0.853867474
Adjusted R Square	0.847225087
Standard Error	10.40242781
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	13910.27391	13910.27	128.5483	1.17292E-10
Residual	22	2380.631097	108.2105		
Total	23	16290.90501			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-1220.227148	109.6605969	-11.12731	1.67E-10	-1447.64931	-992.805
X Variable 1	0.032957708	0.002906858	11.33791	1.17E-10	0.026929253	0.038986

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	-13.7113603	13.9813603
2	-10.71220883	10.71220883
3	-7.976719041	8.746719022
4	-4.911652163	5.57165219
5	-1.253346535	2.243346545
6	1.05369305	0.346306926
7	4.744956386	-2.944956434
8	7.051995971	-3.951996067
9	10.24889368	-5.848893587
10	13.05029889	-9.950298988
11	16.04945035	-7.849450544
12	19.21339036	-4.213390356
13	22.41028807	-10.41028807
14	25.04690474	-16.04690474
15	28.01309849	-16.01309849
16	31.24295391	-10.24295391
17	34.50576704	-6.505767035
18	37.66970704	28.33029296
19	40.50406996	-0.504069957
20	43.20660204	5.793397958
21	58.46602101	4.533978987
22	61.9595381	6.040461901
23	65.42009748	7.579902523
24	67.39755998	0.602440022

Significanc Significant
Trend: Upward

Slope 0.032958
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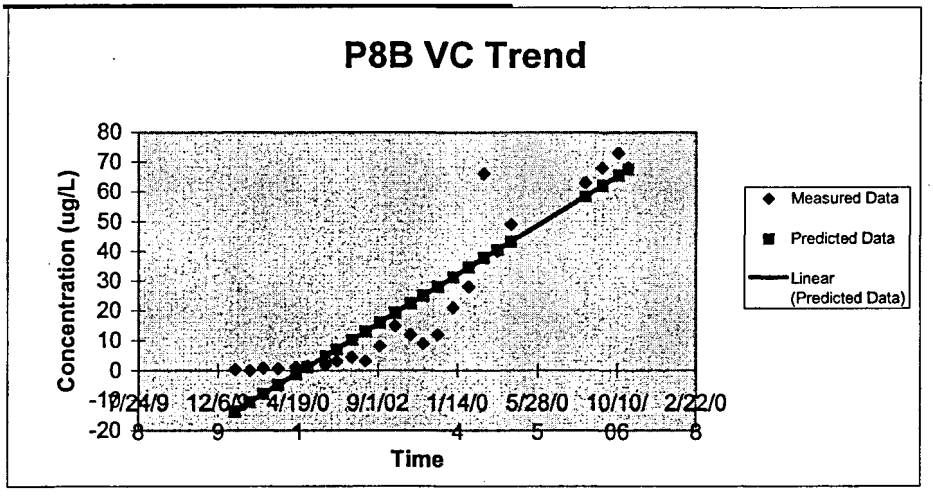
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	51
6/22/00	ug/L	89
9/13/00	ug/L	95
12/15/00	ug/L	100
4/5/01	ug/L	110
6/14/01	ug/L	130
10/4/01	ug/L	120
12/13/01	ug/L	110
3/20/02	ug/L	130
6/13/02	ug/L	150
9/12/02	ug/L	160
12/17/02	ug/L	150
3/24/03	ug/L	160
6/12/03	ug/L	140
9/10/03	ug/L	170
12/17/03	ug/L	120
3/25/04	ug/L	140
6/29/04		160
9/23/04		160
12/14/04		130
3/22/06		140
7/6/06		180
10/19/06		160
12/18/06		130

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.679397215
R Square	0.461580576
Adjusted R Square	0.437106966
Standard Error	22.4375938
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	9495.154792	9495.155	18.86034	0.000261124
Residual	22	11075.80354	503.4456		
Total	23	20570.95833			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-894.3272432	236.5332376	-3.780979	0.001027	-1384.86715	-403.7873
X Variable 1	0.027229533	0.00626997	4.342849	0.000261	0.014226411	0.040233

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	102.4914939	-51.49149386
2	104.9693813	-15.96938135
3	107.2294326	-12.22943257
4	109.7617791	-9.761779123
5	112.7842573	-2.784257264
6	114.6903246	15.30967544
7	117.7400322	2.259967764
8	119.6460995	-9.646099532
9	122.2873642	7.712635785
10	124.6018745	25.3981255
11	127.079762	32.92023801
12	129.6937971	20.30620286
13	132.3350618	27.66493818
14	134.5134244	5.486575554
15	136.9640824	33.0359176
16	139.6325766	-19.63257661
17	142.3283004	-2.328300362
18	144.9423355	15.05766449
19	147.2840753	12.71592467
20	149.516897	-19.51689702
21	162.1241707	-22.12417071
22	165.0105012	14.98949881
23	167.8696021	-7.869602137
24	169.5033741	-39.50337411

Significanc Significant
Trend: Upward

Slope 0.02723
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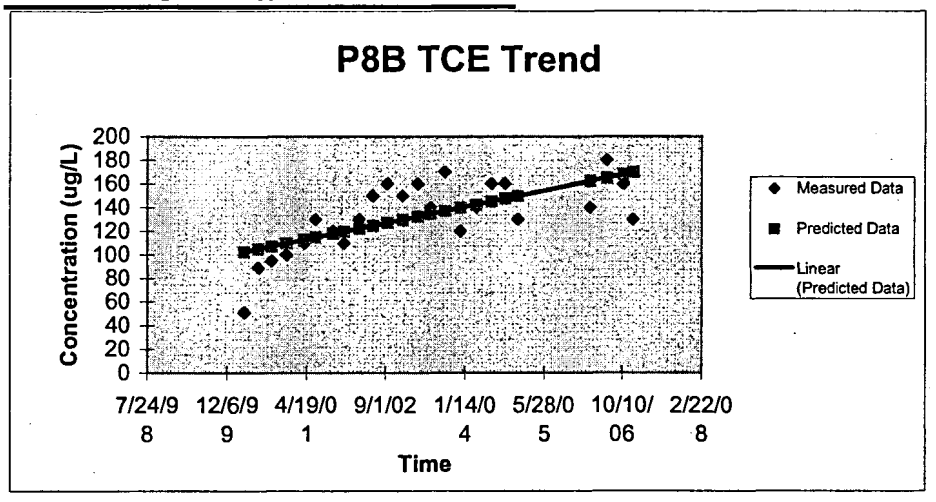
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		310
7/6/06		350
10/19/06		320
12/18/06		270

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.923233728
R Square	0.852360516
Adjusted R Square	0.84564963
Standard Error	30.20537627
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	115880.9337	115880.9	127.0116	1.3141E-10
Residual	22	20072.02463	912.3648		
Total	23	135952.9583			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-3372.609375	318.4198585	-10.59171	4.2E-10	-4032.97174	-2712.247
X Variable 1	0.095125107	0.008440602	11.26994	1.31E-10	0.07762037	0.11263

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	109.7305427	-40.7305427
2	118.3869274	-20.38692744
3	126.2823113	3.71768868
4	135.1289463	-5.128946273
5	145.6878332	-5.687833152
6	152.3465906	17.65340936
7	163.0006026	16.99939737
8	169.6593601	-19.65936012
9	178.8864955	-8.886495501
10	186.9721296	-6.972129598
11	195.6285143	24.37148566
12	204.7605246	15.23947539
13	213.98766	-23.98765999
14	221.5976686	8.402331447
15	230.1589282	39.84107182
16	239.4811887	-19.48118867
17	248.8985743	11.10142573
18	258.0305845	81.96941546
19	266.2113437	13.78865626
20	274.0116025	-4.01160252
21	318.0545271	-8.05452707
22	328.1377884	21.86221159
23	338.1259247	-18.12592465
24	343.8334311	-73.83343107

Significanc Significant
Trend: Upward

Slope 0.095125
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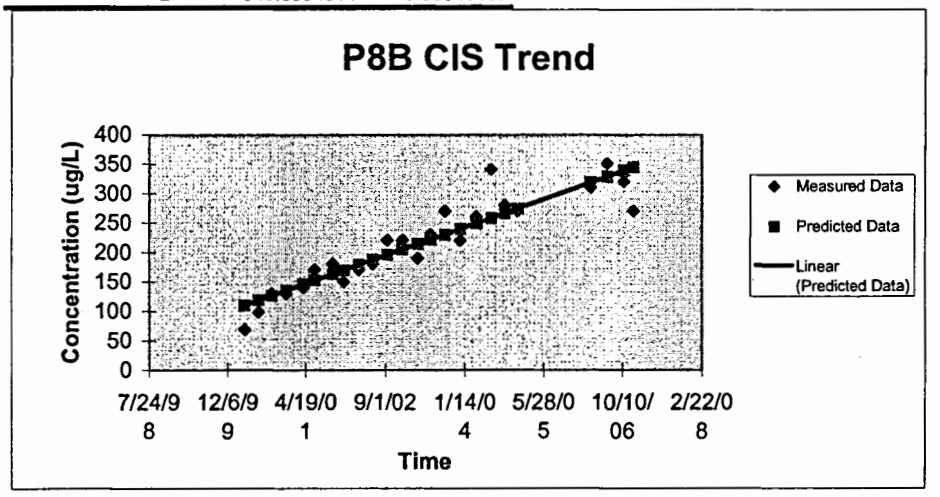
Measured Data
Predicted Data
Concentration (ug/L)
Time



3/23/00	ug/L	0.9
6/22/00	ug/L	1
9/14/00	ug/L	1.1
12/13/00	ug/L	0.75
4/5/01	ug/L	0.9
6/14/01	ug/L	2.4
10/4/01	ug/L	5.5
12/13/01	ug/L	4.3
3/20/02	ug/L	5.6
6/12/02	ug/L	3.9
9/12/02	ug/L	1.9
12/5/02	ug/L	0.6
3/24/03	ug/L	3.2
6/11/03	ug/L	0.83
9/10/03	ug/L	2.5
12/17/03	ug/L	4.4
3/23/04	ug/L	0.8
6/29/04		5.6
9/23/04		3.6
12/9/04		1.2
3/22/06		2.9
7/6/06		0.8
10/3/06		0.8
12/14/06		0.8

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.050920893
R Square	0.002592937
Adjusted R Square	-0.042743747
Standard Error	1.79065015
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.183384978	0.183385	0.057193	0.813202807
Residual	22	70.5414151	3.206428		
Total	23	70.72480008			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	6.86799422	18.91629104	0.363073	0.720016	-32.3619921	46.09798
X Variable 1	-0.000119923	0.000501452	-0.23915	0.813203	-0.00115987	0.00092

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	2.477869212	-1.577869236
2	2.46695626	-1.46695626
3	2.456882765	-1.356882741
4	2.446089734	-1.696089734
5	2.432538485	-1.532538509
6	2.424143906	-0.024143811
7	2.41071258	3.08928742
8	2.402318001	1.89768219
9	2.390685513	3.209314392
10	2.380612018	1.519388078
11	2.369579142	-0.469579166
12	2.359505647	-1.759505647
13	2.346434089	0.853565959
14	2.336960207	-1.506960223
15	2.326047254	0.173952746
16	2.314294843	2.085705252
17	2.302662355	-1.502662355
18	2.290909944	3.30908996
19	2.280596604	1.3194033
20	2.271362567	-1.07136252
21	2.21523881	0.684761285
22	2.202527019	-1.402527007
23	2.191853911	-1.391853899
24	2.183219487	-1.383219475

Significanc No Trend
Trend: No Trend

Slope -0.00012
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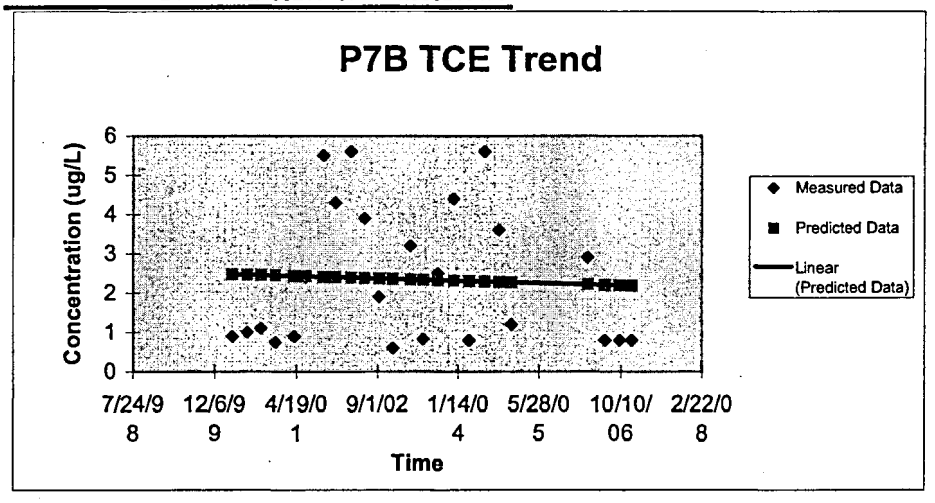
Measured Data
Predicted Data
Concentration (ug/L)
Time



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
3/22/06		1.3
7/6/06		1.4
10/3/06		1.4
12/14/06		1.4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.330225994
R Square	0.109049207
Adjusted R Square	0.068551444
Standard Error	0.67934998
Observations	24

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	1.242735227	1.242735	2.692722	0.115027998
Residual	22	10.15336069	0.461516		
Total	23	11.39609592			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*
Intercept	-10.35467221	7.176601157	-1.442838	0.163154	-25.238032	4.528688
X Variable 1	0.000312182	0.000190245	1.640951	0.115028	-8.2361E-05	0.000707

RESIDUAL OUTPUT

Observation	*Predicted Y*	*Residuals*
1	1.073698319	-0.323698319
2	1.102106911	-0.672106911
3	1.128330226	-0.548330243
4	1.156426635	-0.626426664
5	1.191703238	-0.581703224
6	1.213556001	-0.333556005
7	1.248520421	1.051479531
8	1.270373184	0.32962684
9	1.300654869	0.899345178
10	1.326878185	1.173121815
11	1.355598958	-0.055598958
12	1.381822274	-0.081822274
13	1.415850147	-0.425850137
14	1.440512551	-0.040512551
15	1.468921142	-0.068921142
16	1.49951501	0.50048499
17	1.529796695	-0.129796695
18	1.560390563	1.939609437
19	1.587238243	0.012761781
20	1.611276282	-0.31127633
21	1.75737761	-0.457377658
22	1.790468936	-0.39046896
23	1.818253163	-0.418253187
24	1.840730291	-0.440730314

Significanc No Trend
Trend: No Trend

Slope 0.000312
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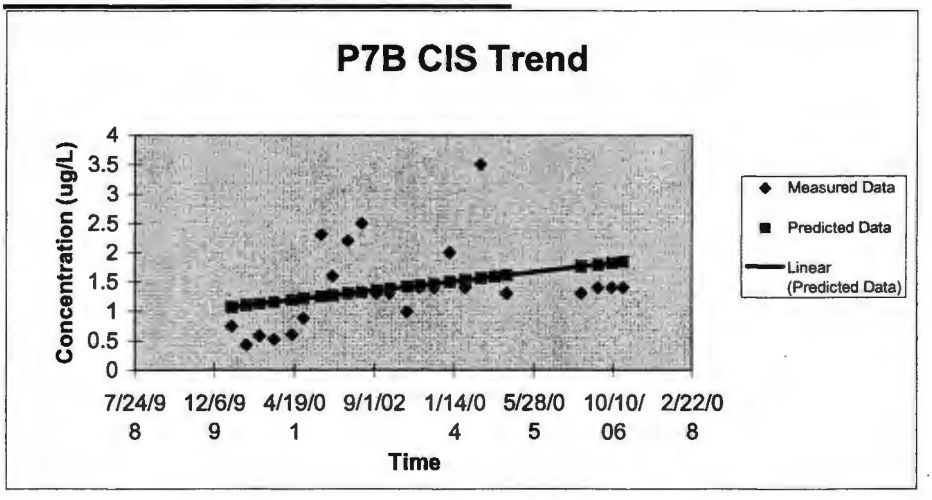
Measured Data
Predicted Data
Concentration (ug/L)
Time



APPENDIX E

REVISED MONITORING PLAN

APPENDIX E

MONITORING PLAN - 2007
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)