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TECHNICAL MEMORANDUM EVALUATION OF DATA FROM ROUNDS 1 THROUGH 8 OF THE LONG-TERM GROUNDWATER MONITORING PROGRAM FOR SITE 2 FORRESTAL LANDFILL AND SITE 3 SUPPLY SIDE LANDFILL NSTC GREAT LAKES IL

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TECHNICAL MEMORANDUM
EVALUATION OF DATA FROM ROUNDS 1 THROUGH 8 OF THE LONG-TERM GROUNDWATER MONITORING PROGRAM
SITE 2 – FORRESTAL LANDFILL AND SITE 3 – SUPPLYSIDE LANDFILL
NAVAL STATION GREAT LAKES, GREAT LAKES, ILLINOIS

This Technical Memorandum is an evaluation of the first eight rounds of long-term groundwater monitoring data for Site 2 (Forrestal Landfill) and Site 3 (Supplyside Landfill) at Naval Station Great Lakes, Great Lakes, Illinois. Figure 1 illustrates the locations of Sites 2 and 3 at the Naval Station Great Lakes.

The evaluation is a statistical analysis for serial correlation and seasonality for the first eight rounds of monitoring for Sites 2 and 3. Recommendations for the reduction in the frequency of monitoring and the parameters monitored are provided based on the evaluation. Section is a brief summary of the sites, and Section 2 summarizes the statistical methodology. The evaluations are provided in the Sections 3 (Site 2 – Forrestal Landfill) and 4 (Site 3 Supplyside Landfill), and the recommendations are summarized in Section 5. Referenced attachments are provided as electronic files on the attached CD.

1.0 BACKGROUND

Landfill operations at Site 2 began in 1967 and ceased in 1969, and landfill operations at Site 3 began in 1969 and ceased in 1983. The waste disposed at Site 2 was primarily mixed office waste from the Administrative Command and the various training schools. Shop waste was also disposed at Site 2. The main component of disposed material at Site 3 was general office waste.

Cover and gas management systems were installed at Sites 2 and 3 in 2004. Groundwater monitoring began at Sites 2 and 3 in August 2006 and has been conducted on a quarterly basis since January 2007 (no monitoring occurred during the fourth quarter [October through December] of 2006.)

As of August 2008, eight rounds of samples have been collected from six monitoring wells (FL-01 through FL-06) at Site 2 and six monitoring wells (SL-01 through SL06) at Site 3. The monitoring well locations are illustrated on Figures 2 and 3, respectively. The first four rounds of monitoring were summarized in the Year 1 Annual Report submitted in July 2008. Quarterly monitoring data for Rounds 5 through 8 have been provided separately and submitted quarterly. The analytical results from Rounds 1 through 8 are provided on the CD.

As of the Round 8 sampling event, Site 2 has been closed for approximately 40 years and has had a cover and gas management system for the past 5 years. Site 3 has been closed for approximately 26 years and has had a new cover and gas management system for the past 5 years.

2.0 MONITORING DATA ANALYSIS

The monitoring data for Rounds 1 through 8 were evaluated for trends of increasing or decreasing concentrations or seasonality. Statistical analysis of the data was also performed using the Mann-Kendall Trend Test.

The Mann-Kendall Trend Test is a statistical hypothesis test used for detecting trends. The Mann-Kendall test does not assume that the data have any particular distributional form and can accommodate values less than the detection limits by assigning them common values (one-half of the laboratory detection limits). The test can also be modified to evaluate the seasonality of data. The Mann-Kendall Test involves computing a statistic S, which is the difference between the numbers of pairwise differences that are positive minus the number that are negative. The null hypothesis is that there is no temporal trend. Because there are eight rounds of data, the Mann-Kendall Test for small samples sizes was computed. The small sample size test is recommended by the Data Quality Assessment: Statistical Methods for Practitioners EPA QA/G-9S (2006) for sample sizes less than 10.

From the S statistic, a p-value for the test can be calculated. The p-value is the probability that the null hypothesis is true given the sample data. If S is a large positive value, then there is evidence of an increasing trend in the data. If S is a large negative value, then there is evidence of a decreasing trend in the data. The null hypothesis can be rejected if the absolute value of S is greater than or equal to the critical value (which is the threshold to which the value of the statistic in a sample is compared to determine whether or not the null hypothesis is rejected, depending on the significance level) or the p-value is less than 0.05. The critical values and p-values for the small sample Mann-Kendall Trend test are presented in Tables A-12a and A-12b of Data Quality Assessment: Statistical Methods for Practitioners EPA QA/G-9S (2006).

The Seasonal Kendall Test accounts for seasonality by computing the Mann-Kendall Test on each season separately and then combining the results. For quarterly sampling, the first quarter data are compared with only first quarter data, etc. No comparisons are made across seasons. To form the overall S statistic, the individual S statistics for each season are summed.

To determine if the data exhibit seasonality trends, charts were created for each analyte. The time-series graphs (trend charts) for individual analytes are provided on the attached CD. The criterion is noted in the legend of each trend charts. If the criterion is in the range of detected concentrations, it is presented on the graph. Trend charts are provided for analytes with more than one detection, whether in one well or during separate events.

The statistical analysis was performed in accordance with Illinois regulations for statistical analysis of groundwater monitoring data at 35 Illinois Administrative Code (IAC) 811.320(e). For the statistical analysis, averaged results were used for duplicate samples, rejected concentrations were removed, blank concentrations were evaluated as non-detects, and one-half of the laboratory detection limits were used for non-detected concentrations.

The trend tests and trend charts were computed for analytes for which there was at least one detected concentration. If an analyte was not detected, a trend test was not conducted, and it can be assumed that continuing monitoring of non-detected concentrations is not needed. As stated in the Data Quality Assessment: Statistical Methods for Practitioners EPA QA/G-9S (2006), “In situations where relatively large amounts of data fall below the detection limit, one may need only to consider whether or not the chemical was detected above some level.”

3.0 SITE 2 EVALUATION

A complete summary of analytical data for Site 2 for Rounds 1 through 8 is provided in Attachment A.1, and a summary of the trend analyses is provided in Attachment A.2. The summary of trend analysis also includes frequencies of detection, ranges of nondetections and detections, and frequencies of exceedances for each analyte at each well location. Attachment A.3 includes trend charts for each analyte detected more than once.

3.1 Volatile Organic Compounds

The following four classes of volatile organic compounds (VOCs) have been detected in groundwater samples from Site 2:

- Aromatic hydrocarbons – benzene and toluene
- Aliphatic hydrocarbons - 1,1-dichloroethane (DCA), chloromethane, cis-1,2-dichloroethene (DCE), dichlorofluoromethane, and methylene chloride
- Ketones - acetone
- Ethers - tetrahydrofuran.

None of the VOCs, except chloromethane, have been detected at concentrations greater than the regulatory criteria. The maximum detections of the other VOCs detected were several orders of magnitude less than regulatory criteria.

Chloromethane was detected at a concentration of 1.88 µg/L in the sample from FL-01 in August 2007 (Round 4); the regulatory criterion for chloromethane is 1.8 µg /L. Of the eight detections of chloromethane, seven were in samples (including the duplicate) collected in August 2007 (Round 4), and one was in the sample from FL-06 in February 2008 (Round 6). Five of these detections were estimated concentrations (uncertainty based on reported concentrations being less than quantitation limits).

Increasing trends in concentrations were observed in the aromatic and aliphatic hydrocarbons and ketones. No trend was noted for the ethers. No seasonal trends in concentrations were detected from the statistical analysis.

Target Compound List (TCL) VOCs should be retained for monitoring because concentrations of one VOC (chloromethane) exceeded its regulatory criterion and because several upward trends were observed for the classes of VOCs.

3.2 Semivolatile Organic Compounds

The following classes of semivolatile organic compounds (SVOCs) have been detected in groundwater samples from Site 2:

- Aromatic hydrocarbons - 1,1-biphenyl, 1-methylnaphthalene, and 2-methylnaphthalene
- Anilines - 4-chloroaniline and aniline
- Polynuclear aromatic hydrocarbons (PAHs) - acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene,

benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene

- Ketones – acetophenone and isophorone
- Aldehydes - benzaldehyde
- Phthalates - bis(2-ethylhexyl)phthalate, butyl benzyl phthalate, diethyl phthalate, dimethyl phthalate, di-n-butyl phthalate, and di-n-octyl phthalate,
- Cyclic amides - caprolactam
- Ethers - dibenzofuran
- Heterocyclic aromatic compounds - carbazole
- Phenols - 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 2,4-dichlorophenol, 4-chloro-3-methylphenol, pentachlorophenol, and phenol

Two PAHs [benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene] and one phthalate [bis(2-ethylhexyl) phthalate (BEHP)] have been detected at concentrations greater than regulatory criteria. Benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene were each detected once in FL-04 in August 2008 (Round 8); the exceedances were the only detections in the 56 samples from the eight rounds of samples from the six Site 2 wells.

BEHP has been detected in 16 samples, and concentrations were greater than the regulatory criterion in wells FL-01 (January 2007 [Round 2] and April 2007 [Round 3}) and FL-04 (August 2008 [Round 8]).

Increasing trends in concentrations of benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene were observed in the Site 2 wells, except FL-05 in which no trend was observed; however, the trends for FL-04 is based on single detections of benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene. Statistically, the trend of BEHP concentrations in FL-01 is decreasing; no trend was observed in well FL-04. Trends of other SVOCs varied in wells, but concentrations were several orders of magnitude less than the regulatory criteria. No seasonal trends in concentrations were detected from the statistical analysis.

TCL SVOCs should be retained for monitoring because concentrations of three analytes [benzo(b)fluoranthene, indeno(1,2,3-cd)pyrene, and BEHP] exceeded regulatory criteria; however, no upward trends were observed for the compounds detected.

3.3 Pesticides and Herbicides

The following two classes of pesticides have been detected in groundwater samples from Site 2:

- Chlorinated Pesticides - endosulfan I, gamma-BHC (Lindane) and gamma-chlordane
- Carbamate Pesticides - aldicarb sulfone

Two herbicides have been detected in groundwater from Site 2, 2,4-DB and dinoseb.

The pesticides were each detected in one sample. Endosulfan I and aldicarb sulfone were detected in the duplicate sample (but not the sample) from FL-04 in November 2007 (Round 5). Gamma-BHC was detected in the duplicate sample (but not the sample) from FL-04 in February 2008, and gamma-chlordane was detected in the

sample from FL-06 in November 2007 (Round 5). The detections in the duplicate samples and the detection of gamma-chlordane were estimated concentrations and several orders of magnitude less than the regulatory criteria.

The herbicides were detected during one round each. Dinoseb was detected in FL-04 in January 2007 (Round 2), and 2,4-DB was detected in the sample and duplicate from FL-04 in May 2008 (Round 7). The single dinoseb detection was less than regulatory criterion, and the 2,4-DB detections were estimated concentrations and an order of magnitude less than the regulatory criterion.

No organophosphate pesticides were detected in the groundwater samples from Site 2.

No trends were observed, as either no or one detection of each analyte was in the data set.

Chlorinated pesticides, carbamate pesticides, herbicides, and organophosphate pesticides should not be retained for monitoring because either no constituents have been detected or no constituents have been detected at concentrations greater than regulatory criteria. Additionally, of the constituents detected, they have been detected infrequently (during one round only) and typically have been detected estimated concentrations. The estimated concentrations have been orders of magnitude less than the regulatory criteria.

3.4 Polychlorinated Biphenyls (PCBs)

One group (Aroclor 1254) of PCBs has been detected in a groundwater sample from Site 2. Aroclor-1254 was detected once in August 2006 (Round 1) at a concentration less than the regulatory limit. No Aroclors have been detected since Round 1.

Due to the near absence of detections and the low single detected concentration, PCBs should not be retained for monitoring.

3.5 Total Phenolics

Total phenolics have been detected in samples from FL-01 (January 2007 [Round 2]), FL-04 (August 2006 [Round 1], April 2007 [Round 3], August 2007 [Round 4], and November 2007 [Round 5]), and FL-05 (January 2007 [Round 2]). The detected concentrations were several orders of magnitude less than the regulatory criterion.

No trend (i.e., upward or downward) was noted in concentrations from FL-04, the well in which total phenolics were detected more than once. No seasonal trends in concentrations from FL-04 were detected from the statistical analysis.

Total phenolics should not be retained for monitoring because phenolics have been detected infrequently. Additionally, when detected, concentrations have been orders of magnitude less than the regulatory criterion. Several phenolic compounds have been detected by the SVOC analysis, which is recommended to be retained.

3.6 Oil and Grease

Oil and grease was detected in one sample from FL-02 in May 2008 (Round 7) at a low estimated concentration.

Oil and grease should not be retained for monitoring because it has been detected in one of 56 samples and the detection was a low estimated concentration.

3.7 Metals and Cyanide

Target Analyte List (TAL) metals detected in unfiltered samples from Site 2 at concentrations greater than the regulatory criteria included the following:

- Aluminum
- Arsenic
- Iron
- Lead
- Manganese
- Vanadium.

Dissolved metals were analyzed for selected samples from Site 2, based on final (stabilized) turbidity measurements during purging. Of the 15 dissolved metals samples, iron was detected in three samples at concentrations greater than the regulatory criterion, and manganese was detected in one sample at a concentration greater than the regulatory criterion.

Hexavalent chromium (total) has been detected sporadically and infrequently. It has been detected in samples from FL-02 in November 2007 (Round 2) and February 2008 (Round 6), from FL-04 in February 2008 (Round 6) and May 2008 (Round 7), and from FL-05 in May 2008 (Round 7). Detections were several orders of magnitude less than the regulatory criterion.

Cyanide (total) was detected once in November 2007 (Round 5) in the sample and duplicate from FL-04. The detections were several orders of magnitude less than the regulatory criterion.

Generally, no trends or decreasing trends in concentrations were noted for the total metals and cyanide. No seasonal trends in concentrations of total metals or cyanide were identified from the statistical analysis.

Total TAL metals should not be retained for monitoring, but dissolved TAL metals should be retained for monitoring for the wells to be in accordance with regulations for groundwater monitoring at landfills [35 IAC 811.319 (a)(2)(ii)] and because exceedances of regulatory criteria have been detected for two dissolved metals.

Hexavalent chromium and cyanide should not be retained for monitoring because they have been detected infrequently and at concentrations several orders of magnitude less than regulatory criteria.

3.8 Nutrients - Ammonia, Total Phosphorus, Nitrate, and Nitrite

Ammonia has been detected at concentrations greater than the regulatory criteria in FL-04 during five rounds (April and August 2007 and February, May, and August 2008); however, no statistical trend was identified. Concentrations of ammonia in other wells have been orders of magnitude less than the regulatory criterion.

Total phosphorus has been detected in 36 of 55 samples. Upward trends in concentrations were observed in data from wells FL-03 and FL-04; however, there is no regulatory criterion applicable for total phosphorus.

Nitrate and nitrite have been detected in various wells at Site 2 during different rounds; however, the concentrations have been orders of magnitude less than the regulatory criteria and no statistical trend were observed in the data.

No seasonal trends in the nutrient data were identified from the statistical analysis.

Ammonia should be retained for monitoring because the regulatory criterion has been exceeded during several rounds in one well; however, no trends (upward or downward) were identified.

Nitrate, nitrite, and total phosphorus should not be retained for monitoring because no nitrate and nitrite concentrations have been less than regulatory criterion and because no regulatory criterion is available total phosphorus.

3.9 General Chemistry Parameters - Chloride, Fluoride, Sulfate, Total Dissolved Solids, Total Suspended Solids, and pH

Chloride has been detected at concentrations greater than the regulatory criterion in the samples from FL-04; however, no trend (upward or downward) was identified. Chloride concentrations are generally an order of magnitude less than the regulatory criterion. Upward trends in concentrations were identified in FL-01 and FL-02.

Fluoride concentrations, detected in the samples, were generally an order of magnitude less than the regulatory criterion. No trends were observed in the data, except for a downward trend in FL-02.

Sulfate has been detected at concentrations greater than the regulatory criterion in samples from FL-01 in May 2008 (Round 7) and August 2008 (Round 8), and an upward trend was identified in FL-01. An upward trend was identified for FL-02, but no trends were identified for the remaining five wells.

Total dissolved solids (TDS) concentrations were greater than the regulatory criterion during each round in the wells, except FL-02. TDS did not exceed the regulatory criterion in FL-02 but did exhibit an upward trend. An upward trend was identified for FL-01. No trends were identified for the other wells.

Total suspended solids (TSS) have been detected in 47 of 56 samples. An upward trend was identified for well FL-06; however, no regulatory criterion is applicable for TSS. No trends were identified for the other wells.

The pH value in FL-02 exceeded the upper limit of the regulatory criterion range in February 2008 (Round 6); however, no trend (upward or downward) was identified for the well. The remaining wells had pH values within the regulatory range and do not exhibit any trends.

No seasonal trends in the general chemistry data were identified from the statistical analysis.

Chloride, TDS, and sulfate should be retained for monitoring because the regulatory criterion has been exceeded during several rounds in at least one sample. Measurement of pH should also continue because one value exceeded the upper regulatory criterion range and also it is measured during purging for stabilization determination.

Fluoride and TSS should not be retained for monitoring because fluoride has not been detected at concentrations greater than regulatory criterion and because no regulatory criterion is available for TSS.

3.10 Fecal Coliform

Fecal coliform has not been detected in the samples from Site 2. Therefore, fecal coliform should not be retained for monitoring.

3.11 Oxygen Demand - Biochemical Oxygen Demand, Chemical Oxygen Demand, and Total Organic Carbon

The parameters of biochemical oxygen demand (BOD), chemical oxygen demand (COD), and total organic carbon (TOC) provide relative information for oxygen demand and organic content in the groundwater at the site. The relatively low values for these parameters are similar to those for weak wastewater, and the relatively low ratios of TOC to COD values (average less than 0.5) suggest stabilization of organic carbon in groundwater. Therefore, BOD, COD, and TOC should not be retained for monitoring.

4.0 SITE 3 EVALUATION

A complete summary of analytical data for Site 3 for Rounds 1 through 8 is provided in Attachment B.1. A summary of the trend analyses is provided in Attachment B.2. The summary also includes as frequencies of detections, ranges of nondetections and detections, and frequencies of exceedances for each analyte at each well location. Attachment B.3 includes trend charts for each analyte detected more than once.

4.1 Volatile Organic Compounds (VOCs)

The following three classes of VOCs have been detected in groundwater samples from Site 3:

- Aromatic hydrocarbons – benzene and toluene
- Aliphatic hydrocarbons – chloroform and chloromethane
- Ketones – acetone and 2-butanone

None of the VOCs, except chloromethane, have been detected at concentrations greater than regulatory criteria. The maximum detections of the other VOCs detected were several orders of magnitude less than the regulatory criteria. Upward trends were identified for benzene and toluene, although these VOCs were detected once in different wells (SL-04 and SL-03, respectively) during different rounds (May 2007 [Round 3] and August 2006 [Round 1], respectively).

Chloromethane was detected at a concentration of 16.1 µg/L in the sample from SL-05 in August 2007 (Round 4); the regulatory criterion for chloromethane is 1.8 µg/L. The other three detections of chloromethane were in August 2007 (Round 4), and two of these detections were estimated concentrations.

No seasonal trends in concentrations were identified from the statistical analysis.

TCL VOCs should be retained for monitoring because one analyte (chloromethane) exceeded its regulatory criterion.

4.2 Semivolatile Organic Compounds

The following classes of SVOCs have been detected in groundwater samples from Site 3:

- Aromatic hydrocarbons - 1-methylnaphthalene and 2-methylnaphthalene
- PAHs - acenaphthene, benzo(a)anthracene, benzo(k)fluoranthene, chrysene, fluoranthene, naphthalene, phenanthrene, pyrene
- Aldehydes - benzaldehyde
- Phthalates - bis(2-ethylhexyl)phthalate, butyl benzyl phthalate and di-n-butyl phthalate
- Cyclic amides - caprolactam

None of the SVOC detections were greater than regulatory criteria. Although upward trends are identified for naphthalene in groundwater at SL-03 and SL-05, the detections were estimated concentrations and several orders of magnitude less than regulatory criteria.

No seasonal trends in concentrations were detected from the statistical analysis.

TCL SVOCs should not be retained for monitoring because either no constituents have been detected or no constituents have been detected at concentrations greater than regulatory criteria. Additionally, SVOCs have typically been detected infrequently and at estimated concentrations typically orders of magnitude less than regulatory criteria.

4.3 Pesticides and Herbicides

One class of pesticides (chlorinated) has been detected in groundwater samples from Site 3. The pesticides detected were 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and endrin ketone. Two herbicides have been detected in groundwater from Site 3, 2,4,5-T and pentachlorophenol.

The pesticides were each detected in one sample (SL-02) in November 2007 (Round 5). Although an upward trend was identified for endrin ketone, there was only one detection and it was an estimated concentration several orders of magnitude less than regulatory criteria.

The herbicides were detected in January 2007 (Round 2). Pentachlorophenol was detected in samples from three wells (SL-03, SL-04 and its duplicate, and SL-05), and 2,4,5-T was detected in SL-05. No trends (upward or downward) were identified for herbicide data.

No organophosphate or carbamate pesticides were detected in the groundwater samples from Site 3.

No seasonal trends in concentrations were detected from the statistical analysis.

Chlorinated pesticides, herbicides, organophosphate pesticides, and carbamate pesticides should not be retained for monitoring because either no constituents have been detected or no constituents have been detected at concentrations greater than regulatory criteria. Additionally, pesticides and herbicides have been detected infrequently (during one round only)

4.4 Polychlorinated Biphenyls

No PCBs have been detected in groundwater from Site 3.

Due to the absence of detections, PCBs should not be retained for monitoring.

4.5 Total Phenolics

Total phenolics have not been detected in the samples from Site 3.

Due to the absence of detections, total phenolics should not be retained for monitoring.

4.6 Oil and Grease

Oil and grease has been detected in two samples: SL-02 (November 2007 [Round 5]) and SL-07 (May 2008 [Round 7]) at estimated concentrations.

Oil and grease should not be retained for monitoring because it was detected in two of 52 samples and because the detections were estimated concentrations.

4.7 Metals and Cyanide

TAL metals detected in unfiltered samples from Site 3 at concentrations greater than the regulatory criteria included the following:

- Aluminum
- Arsenic
- Iron
- Lead

- Manganese.

Dissolved metals have been analyzed for samples from Site 3, depending on turbidity measurement during purging. Of the 14 dissolved metals samples, iron was detected in four samples at concentrations greater than the regulatory criterion, and manganese was detected in seven samples at concentrations greater than the regulatory criterion.

Hexavalent chromium has been detected sporadically and infrequently at Site 3. It was detected in the samples from SL-01 in February 2008 (Round 6), from SL-03 in August 2007 (Round 4), from SL-04 in November 2007 (Round 5), and from SL-06 in May 2008 (Round 7). Detections were several orders of magnitude less than the regulatory criterion.

Cyanide has not been detected in the groundwater from Site 3.

No seasonal trends in concentrations of total and dissolved metals or hexavalent chromium were identified from the statistical analysis, except for calcium, magnesium, and manganese in SL-01. Concentrations of these metals exhibited increasing trends during the winter to early spring periods in this well. The seasonal increases may be related to road salting and piling of snow in the area of SL-01.

Total metals should not retained for monitoring, but dissolved metals should be retained for monitoring for the wells in accordance with regulations for groundwater monitoring at landfills [35 IAC 811.319 (a)(2)(ii)] and because exceedances of regulatory criteria have been detected for two dissolved metals.

Hexavalent chromium and cyanide should not be retained for monitoring because they have been detected infrequently and at concentrations several orders of magnitude less than regulatory criteria.

4.8 Nutrients - Ammonia, Total Phosphorus, Nitrate, and Nitrite

Ammonia has been detected in the samples from Site 3, but concentrations have not exceeded the regulatory criterion. No statistical trends in ammonia concentrations have been identified.

Nitrate and nitrite have been detected in various wells at Site 3 during different rounds, however, the concentrations have been orders of magnitude less than the regulatory criteria. No statistical trends were identified, except an upward trend in SL-04; however, concentrations in this well have decreased during the last two rounds.

Total phosphorus has been detected in 34 of 52 samples. An upward trend in concentrations was identified at well SL-06; however, there is no regulatory criterion available for total phosphorus.

No seasonal trends in the nutrient data were identified from the statistical analysis.

Ammonia, nitrate, nitrite, and total phosphorus should not be retained for monitoring because ammonia, nitrate, and nitrite have been detected at concentrations greater than regulatory criterion and because no regulatory criterion is available for total phosphorus.

4.9 General Chemistry - Chloride, Fluoride, Sulfate, Total Dissolved Solids, Total Suspended Solids, and pH

Chloride has been detected at concentrations greater than the regulatory criterion in samples from SL-02 during four rounds; however, no trend (upward or downward) was identified. No other trends (upward or downward) in chloride concentrations were identified for the wells at Site 3.

Fluoride concentrations, detected in the Site 3 samples, were generally an order of magnitude less than the regulatory criterion. No trends were observed in the data, except for a downward trend at SL-06.

Sulfate has been detected at concentrations greater than the regulatory criterion in samples from SL-01 in January 2007 (Round 2), April 2007 (Round 3), February 2008 (Round 6), and May 2008 (Round 7) and from SL-03 in August 2007 (Round 4), November 2007 (Round 5), March 2008 (Round 6), May 2008 (Round 7), and August 2008 (Round 8). No trends (upward or downward) in sulfate concentrations were identified in these wells.

TDS concentrations were greater than the regulatory criterion in 46 of 52 samples. No trends (upward or downward) were identified.

TSS have been detected in 45 of 52 samples. No trends (upward or downward) were identified. There is no regulatory criterion for TSS.

A measurement of pH slightly exceeded the upper limit of the regulatory criterion range in SL-02 in May 2008 (Round 7); however, no trend (upward or downward) is observed from the data. The remaining samples have pH values within the regulatory range and do not exhibit any trends.

No seasonal trends in the general chemistry data were identified from the statistical analysis, except for fluoride and sulfate in SL-01. Fluoride concentrations in SL-01 decreased during the winter and early spring sampling rounds, and sulfate concentrations in SL-01 increased during the same periods. As noted earlier, the seasonal increases may be related to road salting and piling of snow in the area of SL-01; however, chloride concentrations in SL-01 do not exhibit similar seasonality.

Chloride, TDS, and sulfate should be retained for monitoring because the regulatory criteria have been exceeded during several rounds in at least one well; however, no trends (upward or downward) were identified. Measurement of pH should also continue because one value exceeded the regulatory criterion range and also it is measured during purging for stabilization determination.

Fluoride and TSS should not be retained for monitoring because no constituents have been detected at concentrations greater than regulatory criterion (fluoride) or no regulatory criterion is applicable (TSS).

4.10 Fecal Coliform

Fecal coliform has not been detected in the samples from Site 3, except in one sample from SL-02. Fecal coliform was detected in SL-02 in November 2007 (Round 5);

however, the sample was the first sample from the well and was collected using a bailer. Therefore, this result is suspected to not be related to fecal coliform in the groundwater but to potential cross-contamination due to the sampling method. As such, fecal coliform should not be retained for monitoring.

4.11 Oxygen Demand - Biochemical Oxygen Demand, Chemical Oxygen Demand, and Total Organic Carbon

BOD, COD, and TOC provide relative information for oxygen demand and organic content in the groundwater at the site. The relatively low values for these parameters are similar to those for weak wastewater, and the relatively moderate ratios of TOC to COD values (average of 0.75) suggest stabilization of organic carbon in groundwater. Therefore, BOD, COD, and TOC should not be retained for monitoring.

5.0 RECOMMENDATIONS

The Navy understands that monitoring must meet Illinois statutory requirements, which state that monitoring should occur quarterly for the initial five years following closure of a landfill. Although the cover system was installed in 2004, Site 2 is a historical landfill and ceased operations 40 years ago. Similarly, Site 3 is a historical landfill and ceased operations 26 years ago. To optimize monitoring, a reduction in monitoring frequency and the parameters analyzed are recommended.

5.1 Site 2 Recommendations

The following amendments are recommended to optimize the Long-Term Monitoring at Site 2:

- The six wells at Site 2 (FL-01 through FL-06) should be retained in the monitoring program.

- Because no seasonal trends were observed, monitoring frequency should be reduced from quarterly to semi-annually.

- The following parameters should be retained for monitoring based on the discussions provided above:

    - TCL VOCs
    - TCL SVOCs
    - TAL metals (dissolved)
    - Ammonia
    - Chloride
    - TDS
    - Sulfate
    - pH

- The following parameters should not be retained for monitoring based on the discussions provided above:

    - Chlorinated pesticides

- Herbicides
- Organophosphate pesticides
- Carbamate pesticides
- PCBs
- Total phenolics
- Oil and grease
- TAL metals (total)
- Hexavalent chromium
- Cyanide
- Nitrate
- Nitrite
- Total phosphorus
- Fluoride
- TSS
- COD
- BOD
- TOC
- Fecal coliform

5.2 Site 3 Recommendations

The following amendments are recommended to optimize the Long-Term Monitoring at Site 3:

- The six wells at Site 2 (SL-01 through SL-06) should be retained in the monitoring program.

- No seasonal trends were observed, except for seasonal increases of several parameters in SL-01 during winter to early spring. The seasonality at SL-01 is suspected to be attributable to road salting and piling of snow in the area of SL-01. Because these trends were limited to SL-01 and are potentially related to other factors, monitoring frequency at Site 3 should be reduced from quarterly to semi-annually.

- The following parameters should be retained for monitoring based on the discussions provided above:

  - TCL VOCs
  - TAL metals (dissolved)
  - Chloride
  - TDS
  - Sulfate
  - pH

- The following parameters should not be retained for monitoring based on the discussions provided above:

  - TCL SVOCs
  - Chlorinated pesticides
  - Herbicides

- Organophosphate pesticides
- Carbamate pesticides
- PCBs
- Total phenolics
- Oil and grease
- TAL metals (total)
- Hexavalent chromium
- Cyanide
- Ammonia
- Nitrate
- Nitrite
- Total phosphorus
- Fluoride
- TSS
- COD
- BOD
- TOC
- Fecal coliform.

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	FL-01	FL-01	FL-01	FL-01	FL-01	FL-01	FL-01	FL-01
SAMPLE ID	FL-01_20060816	FL-01_20070111	FL-01_20070419	FL-01_20070808	NTC02GW0105	NTC02GW0106	NTC02GW0107	NTC02GW0108
SAMPLE DATE	08/16/2006	01/11/2007	04/19/2007	08/08/2007	11/13/2007	02/27/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE					1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U				
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 UJ	5 UJ
ACROLEIN	20 U	20 U	20 U	20 U	5 UR	5 UR	5 U	5 UJ
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	1.88	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CYCLOHEXANE					5 U	5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ETHYL ACETATE	25 U	25 U	25 U	25 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**
SAMPLE ID	**FL-01_20060816**	**FL-01_20070111**	**FL-01_20070419**	**FL-01_20070808**	**NTC02GW0105**	**NTC02GW0106**	**NTC02GW0107**	**NTC02GW0108**
SAMPLE DATE	**08/16/2006**	**01/11/2007**	**04/19/2007**	**08/08/2007**	**11/13/2007**	**02/27/2008**	**05/07/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U				
METHYL ACETATE					5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE					5 U	5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER					1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	1.09	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**
SAMPLE ID	**FL-01_20060816**	**FL-01_20070111**	**FL-01_20070419**	**FL-01_20070808**	**NTC02GW0105**	**NTC02GW0106**	**NTC02GW0107**	**NTC02GW0108**
SAMPLE DATE	**08/16/2006**	**01/11/2007**	**04/19/2007**	**08/08/2007**	**11/13/2007**	**02/27/2008**	**05/07/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U				
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR	5 UJ
TOLUENE	0.861	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TOTAL XYLENES					1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	5 U	5 UJ	5 U	5 UJ
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 UJ	5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.25 J	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)					0.50 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.14 J	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.047 J	0.5 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.026 J	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	12.5 U	13.6 U	5 U	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.32 J	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	12.5 U	13.6 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.72 U				
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	12.5 U	13.6 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	12.5 U	13.6 U	0.50 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.5 U	2.72 U	1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
4-METHYLPHENOL					0.50 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	12.5 U	12.5 U	12.5 U	13.6 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	12.5 U	12.5 U	12.5 U	13.6 U	5 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.088 J	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
ANILINE	-99 U	-99 U	5.26 U	5.43 U	0.50 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U

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SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**
SAMPLE ID	**FL-01_20060816**	**FL-01_20070111**	**FL-01_20070419**	**FL-01_20070808**	**NTC02GW0105**	**NTC02GW0106**	**NTC02GW0107**	**NTC02GW0108**
SAMPLE DATE	**08/16/2006**	**01/11/2007**	**04/19/2007**	**08/08/2007**	**11/13/2007**	**02/27/2008**	**05/07/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.5 U	2.72 U				
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	13.9	15.7	3.15 J	0.49 J	0.5 U	0.5 U	0.50 U
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.72 U	1 U	1 U	1 U	0.11 J

LOCATION ID	FL-01	FL-01	FL-01	FL-01	FL-01	FL-01	FL-01	FL-01
SAMPLE ID	FL-01_20060816	FL-01_20070111	FL-01_20070419	FL-01_20070808	NTC02GW0105	NTC02GW0106	NTC02GW0107	NTC02GW0108
SAMPLE DATE	08/16/2006	01/11/2007	04/19/2007	08/08/2007	11/13/2007	02/27/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
CAPROLACTAM	2.5 U	2.5 U	2.5 U	2.72 U	0.25 J	1 U	1 U	1 UJ
CARBAZOLE	2.5 U	2.5 U	2.5 U	2.72 U	0.031 J	0.5 U	0.5 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.02 J	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.72 U	1 U	1 U	1 U	1 U
DI-N-OCTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.032 U	0.5 U	0.50 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.062 J	0.5 U	9.3	0.50 U
NITROBENZENE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	12.5 U	13.6 U	0.47 J	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
PHENOL	8.52	2.5 U	2.5 U	2.72 U	0.50 U	0.5 U	0.5 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.50 U
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
4,4'-DDE	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
4,4'-DDT	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ALDRIN	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
AROCLOR-1016	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 UJ	0.22 U
AROCLOR-1221	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 UJ	0.22 U
AROCLOR-1232	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 UJ	0.22 U
AROCLOR-1242	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 UJ	0.22 U
AROCLOR-1248	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 UJ	0.22 U
AROCLOR-1254	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 UJ	0.22 U
AROCLOR-1260	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 UJ	0.22 U
BETA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
DELTA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
DIELDRIN	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ENDRIN	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.05 U	0.05 U	0.05 UJ	0.055 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0102 U	0.0109 U	0.50 U	0.5 U	0.5 UJ	0.55 U
TOXAPHENE	0.306 U	0.306 U	0.306 U	0.326 U	1 U	1 U	1 UJ	1.1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**
SAMPLE ID	**FL-01_20060816**	**FL-01_20070111**	**FL-01_20070419**	**FL-01_20070808**	**NTC02GW0105**	**NTC02GW0106**	**NTC02GW0107**	**NTC02GW0108**
SAMPLE DATE	**08/16/2006**	**01/11/2007**	**04/19/2007**	**08/08/2007**	**11/13/2007**	**02/27/2008**	**05/07/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
ALACHLOR	0.1 U	0.1 U	0.1 U		0.40 U	0.2 U	0.19 U	0.19 U
ALDRIN	0.1 U	0.1 U	0.1 U					0.19 U
ATRAZINE	0.1 U	0.1 U	0.1 U		0.20 U	0.2 U	0.19 U	
BUTACHLOR	0.1 U	0.1 U	0.1 U		0.40 U	0.5 U	0.48 U	0.49 U
DIELDRIN	0.1 U	0.1 U	0.1 U					
ENDRIN	0.01 U	0.01 U	0.01 U					
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U					
METHOXYCHLOR	0.1 U	0.1 U	0.1 U					
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U		0.80 U	0.2 U	0.19 U	0.19 UJ
METRIBUZIN	0.1 U	0.1 U	0.1 U		0.20 U	0.2 U	0.19 U	0.19 U
PROPACHLOR	0.1 U	0.1 U	0.1 U		0.40 U	0.2 U	0.19 U	0.19 UJ
SIMAZINE	0.07 U	0.07 U	0.07 U		0.20 U	0.5 U	0.48 U	0.49 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U	0.5 U		2 U	2.5 U	2.5 U	2.5 U
ALDICARB	0.5 U	0.5 U	0.5 U		1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U	0.7 U	0.7 U		1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U	0.5 U	0.5 U		1 U	2.5 U	2.5 U	2.5 U
CARBARYL	0.5 U	0.5 U	0.5 U		2 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	0.9 U	0.9 U	0.9 U		4 U	2.5 U	2.5 U	2.5 U
METHIOCARB					1.7 U			
METHOMYL	0.5 U	0.5 U	0.5 U		0.50 U	2.5 U	2.5 U	2.5 U
OXAMYL	1 U	1 U	1 U		20 U	2.5 U	2.5 U	2.5 U
PROPOXUR					2 U			
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.1 U	0.0524 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.1 U	0.0524 U	0.20 U	0.2 U	0.2 U	0.20 U
2,4-D	1 U	1 U	1 U	0.524 U	2 U	2 U	2 U	2 U
2,4-DB	1 U	1 U	1 U	0.524 U	2 U	2 UJ	2 U	2 U
DALAPON	2.5 U	2.5 U	2.5 U	1.31 U	2 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.1 U	0.1 U	0.105 U	0.20 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	1 U	1 U	1 U	0.524 U	2 U	2 U	2 U	2 U
DINOSEB	0.5 U	0.5 U	0.5 U	0.262 U	1 U	1 U	1 U	1 U
MCPA	100 U	100 U	100 U	52.4 U	200 U	200 U	200 U	200 U
MCPP	100 U	100 U	100 U	52.4 U	200 U	200 U	200 U	200 U
PENTACHLOROPHENOL	0.1 U	0.1 U	0.1 U	0.105 U				
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.55 U	2.69 U	5 U	5 U	0.830000 U	5 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**	**FL-01**
SAMPLE ID	**FL-01_20060816**	**FL-01_20070111**	**FL-01_20070419**	**FL-01_20070808**	**NTC02GW0105**	**NTC02GW0106**	**NTC02GW0107**	**NTC02GW0108**
SAMPLE DATE	**08/16/2006**	**01/11/2007**	**04/19/2007**	**08/08/2007**	**11/13/2007**	**02/27/2008**	**05/07/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
INORGANICS TOTAL / DISSOLVED (UG/L)								
ALUMINUM	50 U	136	50 U	50 U	44 U	44 U	20 U	100 U
ANTIMONY	1.25	0.627	0.469	0.338 J	0.72 U	0.44 U	0.36 U	1 U
ARSENIC	5 U	5 U	5 U	5 U	0.83	0.74 U	0.26	0.39 J
BARIUM	58.5	44.8	40.1	33.8	33	31	29	27
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.31 U	0.31 U	0.23 U	1 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.068	0.062 U	0.056 U	0.20 U
CALCIUM	95400	107000	129000	150000	120000 J	130000	140000	140000
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.37 U	0.31 U	0.61	1 UJ
COBALT	2.5 U	2.5 U	2.5 U	2.5 U	0.57	0.36	0.25	0.24 J
COPPER	5 U	5 U	5 U	5 U	1.7	0.70 J	1.3	1.4
IRON	29.1	253	25 U	25 U	28 U	5.7 U	23	27
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	0.33 U	0.33 U	0.29 U	1 U
MAGNESIUM	92600	108000	140000	155000	120000 J	140000	160000	150000
MANGANESE	43.1	99.1	40.7	58.2	73	34	15	30
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.055 U	0.046 U	0.046 U	0.20 U
NICKEL	5 U	5 U	5 U	5 U	5.5	4.3	5.8	6.2
POTASSIUM	4240	4300	4010	4250	4300	4200	4000	3900
SELENIUM	1.38	1.99	2.23	1.95	0.92 U	1.5	0.37	0.57 UJ
SILVER	5 U	5 U	5 U	5 U	0.12 U	0.12 U	0.061 U	0.20 U
SODIUM	52400	63300	59800	67800	64000 J	65000	67000	61000
THALLIUM	0.318	0.05 U	0.05 U	0.05 U	0.17 U	0.17 U	0.05 U	1 U
TOTAL ESSENTIAL NUTRIENTS	244640	282600	332810	377050	308300	339200	371000	354900
VANADIUM	9.89	5 U	5 U	100 U	0.83 U	0.83 U	0.43	0.35 J
ZINC	5 U	5 U	5 U	5 U	13	0.84 U	5.4 U	5.2 UJ
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.157	0.434	0.186	0.241	0.14	0.049	0.004 U	0.056
BIOCHEMICAL OXYGEN DEMAND (MG/L)	1 U	1.4	2.15	1 U	2 U	2 U	2.0 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	17	10 U	10 U	13.7 J	4.9 R	3.7	3.4	5.1 J
CHLORIDE (MG/L)	22.4	29.6	33.4	38.6	26	36	47	50 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.0028 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U		2 U	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.529	0.571	0.498	0.513	0.53	0.54	0.48	0.46
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.0041 U	0.0041 U	0.0041 UJ	0.01 U
NITRATE (MG/L)	0.611	0.162	0.377	0.11				
NITRATE-N (MG/L)					0.082	0.27	0.28	0.13
NITRITE/NITRATE-N (MG/L)					0.086	0.27	0.28 U	0.13
NITRITE-N (MG/L)					0.0043	0.0029 U	0.0029 U	0.0042 U
PH (S.U.)	7.12	7.04	7.13					
SULFATE (MG/L)	327	406	526	511	420 J	470	580	590 J
TOTAL DISSOLVED SOLIDS (MG/L)	958	958	1240	1200	1100	1200	1400	1400
TOTAL ORGANIC CARBON (MG/L)	7.68	2.94	1.17	0.5 U	3.4	1.5	2.3	1.9 U
TOTAL PHENOLICS (MG/L)	0.00333 U	0.00467	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.05 U	0.095	0.05 U	0.1 U	0.01 UR	0.012	0.012	0.022 J
TOTAL SUSPENDED SOLIDS (MG/L)	2.5 U	5.5	3	2.5 U	3.3 UJ	3.300000 U	3.3 U	3.3 U
FIELD RESULTS								
CONDUCTIVITY (MS/CM)					1.65	1.72	1.89	1.8
DISSOLVED OXYGEN (MG/L)					0.78	0.87	0.57	0.24
OXIDATION REDUCTION POTENTIAL (MV)					68	83	198	82
PH (S.U.)					6.89	6.93	6.95	7.03
SALINITY (PPT)					0.00	0	0	
TEMPERATURE (C)					13.2	10.12	12.23	14.94
TURBIDITY (NTU)					0.80	1.3	1.53	0.36

LOCATION ID	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02
SAMPLE ID	FL-02_20060830	FL-02_20070129	FL-02_20070418	FL-02_20070815	NTC02GW0205	NTC02GW0206	NTC02GW0207	NTC02GW0208
SAMPLE DATE	08/30/2006	01/29/2007	04/18/2007	08/15/2007	11/14/2007	02/26/2008	05/08/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE					1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U				
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 UJ
ACROLEIN	20 U	20 U	20 U	20 U	5 UR	5 UR	5 UR	5 UJ
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.491 J	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CYCLOHEXANE					5 U	5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ETHYL ACETATE	25 U	25 U	25 U	25 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

LOCATION ID	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02
SAMPLE ID	FL-02_20060830	FL-02_20070129	FL-02_20070418	FL-02_20070815	NTC02GW0205	NTC02GW0206	NTC02GW0207	NTC02GW0208
SAMPLE DATE	08/30/2006	01/29/2007	04/18/2007	08/15/2007	11/14/2007	02/26/2008	05/08/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U				
METHYL ACETATE					5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE					5 U	5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER					1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

LOCATION ID	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02
SAMPLE ID	FL-02_20060830	FL-02_20070129	FL-02_20070418	FL-02_20070815	NTC02GW0205	NTC02GW0206	NTC02GW0207	NTC02GW0208
SAMPLE DATE	08/30/2006	01/29/2007	04/18/2007	08/15/2007	11/14/2007	02/26/2008	05/08/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U				
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR	5 UJ
TOLUENE	0.34	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TOTAL XYLENES					1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	5 U	5 UJ	5 U	5 UJ
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 UJ	5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)					0.50 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	12.5 U	12.5 U	5 UJ	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	12.5 U	12.5 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.5 U				
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 UJ	0.5 U	0.5 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	12.5 U	12.5 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	12.5 U	12.5 U	0.50 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
4-METHYLPHENOL					0.50 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	12.5 U	12.5 U	12.5 U	12.5 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	12.5 U	12.5 U	12.5 U	12.5 U	5 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.069 U	0.5 U	0.50 U
ANILINE	-99 U	-99 U	5.26 U	5 U	0.50 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**
SAMPLE ID	**FL-02_20060830**	**FL-02_20070129**	**FL-02_20070418**	**FL-02_20070815**	**NTC02GW0205**	**NTC02GW0206**	**NTC02GW0207**	**NTC02GW0208**
SAMPLE DATE	**08/30/2006**	**01/29/2007**	**04/18/2007**	**08/15/2007**	**11/14/2007**	**02/26/2008**	**05/08/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.5 U	2.5 U				
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.5 U	2.5 U	2.5 U	0.44 J	0.5 U	0.91	0.50 U
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.5 U	0.048 J	1 U	1 U	0.14 J

LOCATION ID	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02	FL-02
SAMPLE ID	FL-02_20060830	FL-02_20070129	FL-02_20070418	FL-02_20070815	NTC02GW0205	NTC02GW0206	NTC02GW0207	NTC02GW0208
SAMPLE DATE	08/30/2006	01/29/2007	04/18/2007	08/15/2007	11/14/2007	02/26/2008	05/08/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
CAPROLACTAM	2.5 U	2.5 U	2.5 U	2.5 U	1 U	0.24 J	1 U	1 UJ
CARBAZOLE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.018 J	0.029 J	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.5 U	0.80 J	0.54 J	1.7	1 U
DI-N-OCTYL PHTHALATE	3.05	7.56	2.5 U	2.5 U	0.50 U	0.5 U	0.59	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.046 J	0.5 U	0.50 U
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 UJ	0.5 UJ	0.5 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.048 U	0.5 U	0.50 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.5 U	0.50 U
NITROBENZENE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	12.5 U	12.5 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.038 J	0.14 J	0.17 J	0.051 J
PHENOL	2.5 U	2.5 U	2.5 U	2.5 U	0.50 U	0.5 U	0.5 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0549 U	0.50 U	0.5 U	0.049 J	0.50 U
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 UJ	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.255 U	0.266 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.255 U	0.266 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1232	0.255 U	0.255 U	0.255 U	0.266 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.255 U	0.266 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.255 U	0.266 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1254	0.255 U	0.255 U	0.255 U	0.266 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.255 U	0.266 U	0.20 U	0.2 U	0.2 U	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 UJ	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.0032 R	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.05 U	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0102 U	0.0106 U	0.50 U	0.5 U	0.5 UJ	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.306 U	0.319 U	1 U	1 U	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**
SAMPLE ID	**FL-02_20060830**	**FL-02_20070129**	**FL-02_20070418**	**FL-02_20070815**	**NTC02GW0205**	**NTC02GW0206**	**NTC02GW0207**	**NTC02GW0208**
SAMPLE DATE	**08/30/2006**	**01/29/2007**	**04/18/2007**	**08/15/2007**	**11/14/2007**	**02/26/2008**	**05/08/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
ALACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.19 U	1 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.1 U				1 U
ATRAZINE	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.19 U	
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.5 U	0.48 U	2.5 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U				
ENDRIN	0.01 U	0.01 U	0.01 U	0.01 U				
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U				
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U				
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.80 U	0.2 U	0.19 U	1 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.19 U	1 U
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.19 U	1 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.07 U	0.20 U	0.5 U	0.48 U	2.5 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2.5 U	2.5 U	2.5 U
ALDICARB	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U	0.7 U	0.7 U	0.7 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.5 U	2.5 U	2.5 U
CARBARYL	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	0.9 U	0.9 U	0.9 U	0.9 U	4 U	2.5 U	2.5 U	2.5 U
METHIOCARB					1.7 U			
METHOMYL	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	2.5 U
OXAMYL	1 U	1 U	1 U	1 U	20 U	2.5 U	2.5 U	2.5 U
PROPOXUR					2 U			
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.1 U	0.0549 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.1 U	0.0549 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4-D	1 U	1 U	1 U	0.549 U	2 U	2 UJ	2 U	2 U
2,4-DB	1 U	1 U	1 U	0.549 U	2 U	2 UJ	2 U	2 U
DALAPON	2.5 U	2.5 U	2.5 U	1.37 U	2 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.1 U	0.1 U	0.11 U	0.20 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	1 U	1 U	1 U	0.549 U	2 U	2 UJ	2 U	2 U
DINOSEB	0.5 U	0.5 U	0.5 U	0.275 U	1 U	1 UJ	1 U	1 U
MCPA	100 U	100 U	100 U	54.9 U	200 U	200 UJ	200 U	200 U
MCPP	100 U	100 U	100 U	54.9 U	200 U	200 UJ	200 U	200 U
PENTACHLOROPHENOL	0.1 U	0.1 U	0.1 U	0.11 U				
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.55 U	2.62 U	5 U	5 U	1.1 J	5 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**	**FL-02**
SAMPLE ID	**FL-02_20060830**	**FL-02_20070129**	**FL-02_20070418**	**FL-02_20070815**	**NTC02GW0205**	**NTC02GW0206**	**NTC02GW0207**	**NTC02GW0208**
SAMPLE DATE	**08/30/2006**	**01/29/2007**	**04/18/2007**	**08/15/2007**	**11/14/2007**	**02/26/2008**	**05/08/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
INORGANICS TOTAL / DISSOLVED (UG/L)								
ALUMINUM	2000	368	5150	5580	8800 J / 44 U	6800 J / 52	6900 / 20 U	8600 / 100 U
ANTIMONY	0.829	0.25 U	1.65	1.68	0.44 U / 0.44 U	0.44 U / 0.44 U	0.32 U / 0.32 U	1 U / 1 U
ARSENIC	21.1	5.05	30	70.3	3.8 / 3.1	3.6 / 2.7	3.5 / 2.9	3.5 / 2.9 J
BARIUM	80.2	41.8	88.7	89.8	89 / 46	80 / 44	84 / 53	82 / 47
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.55 / 0.31 U	0.47 / 0.31 U	0.33 / 0.23 U	0.44 J / 1 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.24 / 0.062 U	0.15 / 0.062 U	0.13 / 0.056 U	0.12 J / 0.20 U
CALCIUM	32700	25900	35800	38400	44000 J / 29000 J	41000 / 28000 J	44000 / 33000	46000 / 30000
CHROMIUM	3.89	2.5 U	7.38	7.72 J	12 / 2	11 / 0.31 U	9.3 / 1.2	11 / 1 UJ
COBALT	2.5 U	2.5 U	2.92	2.5 U	5.4 / 0.096 U	4.2 / 0.096 U	3.9 / 0.17	4.4 / 1 UJ
COPPER	5 U	5 U	8.37	7.47 J	9.8 / 0.73	8.8 J / 0.61	7.5 / 0.84	8.3 / 0.96 UJ
IRON	1800	387	4750	4550	8400 J / 8 U	7300 / 64	7300 / 9.6 U	8500 / 12 J
LEAD	3.16	2.5 U	2.5 U	4.25 J	4.7 / 0.33 U	3.5 / 0.33 U	3.5 / 0.29 U	4.1 / 1 U
MAGNESIUM	16500	16000	18700	18500	26000 J / 19000 J	26000 / 20000 J	29000 / 24000	28000 / 22000
MANGANESE	56.3	19.8	87.7	80.8	160 / 9.1	130 / 8.4	120 / 7.5	130 / 5.8
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.087 U / 0.046 U	0.046 U / 0.046 U	0.046 U / 0.046 U	0.20 U / 0.20 U
NICKEL	5 U	5 U	7.47	5.78 J	16 / 0.90	13 / 0.90	12 / 1.4	14 / 1
POTASSIUM	2320	1400	3550	3760	4900 / 1300	4000 / 1200	4300 / 1300	4900 / 1300
SELENIUM	0.50 U	0.50 U	0.563	0.50 U	0.92 U / 0.92 U	0.92 U / 0.92 U	0.30 U / 0.62	0.83 UJ / 0.55 UJ
SILVER	5 U	5 U	5 U	5 U	0.12 U / 0.12 U	0.12 U / 0.12 U	0.061 U / 0.061 UJ	0.20 U / 0.20 U
SODIUM	52100	53900	52300	51800	57000 J / 57000 J	59000 / 57000 J	60000 / 62000	57000 / 57000
THALLIUM	0.196	0.05 U	0.05 U	0.064 J	0.17 U / 0.17 U	0.17 U / 0.17 U	0.099 / 0.05 U	0.096 J / 1 U
TOTAL ESSENTIAL NUTRIENTS	103620	97200	110350	112460	131900 / 106300	130000 / 106200	137300 / 120300	135900 / 110300
VANADIUM	10.2	5 U	9.69	5 U	16 / 0.83 U	13 / 0.83 U	11 / 0.56	14 / 3 U
ZINC	8.09	5 U	16.4	14.3 J	24 J / 5.2	20 / 0.84 U	16 U / 2.1	19 J / 5.6 UJ
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.345	0.313	0.235	0.337	0.33	0.33	0.35	0.33
BIOCHEMICAL OXYGEN DEMAND (MG/L)	1 U	1 U	1 U	1 U	2 U	2 U	2.0 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	12.3	10 U	10 U	16.4 J	10 R	8.4	11	30
CHLORIDE (MG/L)	7.53	15.1	15.5	22.6	40	45	61	61 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.0024 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.883	0.893	0.807	0.855	0.75	0.78	0.74	0.72
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.0064	0.0041	0.0041 UJ	0.01 UJ
NITRATE (MG/L)	0.071	0.025 U	0.025 U	0.025 U				
NITRATE-N (MG/L)					0.029 U	0.021	0.018 J	0.02 U
NITRITE/NITRATE-N (MG/L)					0.029 U	0.026	0.022 U	0.02 U
NITRITE-N (MG/L)					0.0029 U	0.0048	0.0037 J	0.0055 J
PH (S.U.)	8.04	8.39	7.25	7.64				
SULFATE (MG/L)	94.5	106	90.2	95.5	110 J	110	140	130 J
TOTAL DISSOLVED SOLIDS (MG/L)	330	264	346	344	380	400	470	470
TOTAL ORGANIC CARBON (MG/L)	5.59	1.13	1.77	0.5 U	2.2	1.4	1.4	1.4 U
TOTAL PHENOLICS (MG/L)	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.052	0.05 U	0.05 U	0.116 J	0.10 J	0.078	0.1	0.32 J
TOTAL SUSPENDED SOLIDS (MG/L)	12.5	2.5 U	91.5	85	91	220	80	530
FIELD RESULTS								
CONDUCTIVITY (MS/CM)					0.568	0.589	0.664	0.598
DISSOLVED OXYGEN (MG/L)					0.19	0.46	0.35	0.22
OXIDATION REDUCTION POTENTIAL (MV)					-116.00	-108	-110	-128.00
PH (S.U.)					8.36	8.78	8.38	8.47
SALINITY (PPT)					0.00	0	0	
TEMPERATURE (C)					12.6	8.75	11.16	14.34
TURBIDITY (NTU)					120	100	47.4	154

LOCATION ID	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03
SAMPLE ID	FL-03_20060831	FL-03_20070118	FL-03_20070118-D	FL-03_20070424	FL-03_20070424-D	FL-03_20070813	FL-03_20070813-D	NTC02GW0305
SAMPLE DATE	08/31/2006	01/18/2007	01/18/2007	04/24/2007	04/24/2007	08/13/2007	08/13/2007	11/14/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			FL-03_20070118		FL-03_20070424		FL-03_20070813	
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE								1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.152 J	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.5 U	0.75 U	0.5 U	0.5 U	0.5 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 UR
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
ACROLEIN	20 U	20 U	20 U	20 U	20 U	20 U	20 U	5 UR
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U
BENZENE	0.125 U	0.125 U	0.176 J	0.138	0.125 U	0.19 J	0.125 U	0.17 J
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.04	0.984 J	1 U
CIS-1,2-DICHLOROETHENE	0.372	0.514	0.574 J	0.569	0.632 J	0.631 J	0.77 J	0.73 J
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
CYCLOHEXANE								5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
ETHYL ACETATE	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**
SAMPLE ID	**FL-03_20060831**	**FL-03_20070118**	**FL-03_20070118-D**	**FL-03_20070424**	**FL-03_20070424-D**	**FL-03_20070813**	**FL-03_20070813-D**	**NTC02GW0305**
SAMPLE DATE	**08/31/2006**	**01/18/2007**	**01/18/2007**	**04/24/2007**	**04/24/2007**	**08/13/2007**	**08/13/2007**	**11/14/2007**
ROUND	**QTR01**	**QTR02**	**QTR02**	**QTR03**	**QTR03**	**QTR04**	**QTR04**	**QTR05**
DUPLICATE SAMPLE			**FL-03_20070118**		**FL-03_20070424**		**FL-03_20070813**	
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
METHYL ACETATE								5 U
METHYL CYCLOHEXANE								5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
METHYL TERT-BUTYL ETHER								1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 UJ

LOCATION ID	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03
SAMPLE ID	FL-03_20060831	FL-03_20070118	FL-03_20070118-D	FL-03_20070424	FL-03_20070424-D	FL-03_20070813	FL-03_20070813-D	NTC02GW0305
SAMPLE DATE	08/31/2006	01/18/2007	01/18/2007	04/24/2007	04/24/2007	08/13/2007	08/13/2007	11/14/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			FL-03_20070118		FL-03_20070424		FL-03_20070813	
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U
TOLUENE	0.413	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TOTAL XYLENES								1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)								0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	14.3 U	12.5 U	12.8 U	12.5 U	12.8 U	5 U
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	14.3 U	12.5 U	12.8 U	12.5 U	12.8 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	14.3 U	12.5 U	12.8 U	12.5 U	12.8 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	14.3 U	12.5 U	12.8 U	12.5 U	12.8 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
4-METHYLPHENOL								0.50 U
4-NITROANILINE	12.5 U	12.5 U	14.3 U	12.5 U	12.8 U	12.5 U	12.8 U	1 U
4-NITROPHENOL	12.5 U	12.5 U	14.3 U	12.5 U	12.8 U	12.5 U	12.8 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
ANILINE	-99 U	-99 U	5.71 U	5.26 U	5.1 U	5 U	5.1 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	1.8
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**	**FL-03**
SAMPLE ID	**FL-03_20060831**	**FL-03_20070118**	**FL-03_20070118-D**	**FL-03_20070424**	**FL-03_20070424-D**	**FL-03_20070813**	**FL-03_20070813-D**	**NTC02GW0305**
SAMPLE DATE	**08/31/2006**	**01/18/2007**	**01/18/2007**	**04/24/2007**	**04/24/2007**	**08/13/2007**	**08/13/2007**	**11/14/2007**
ROUND	**QTR01**	**QTR02**	**QTR02**	**QTR03**	**QTR03**	**QTR04**	**QTR04**	**QTR05**
DUPLICATE SAMPLE			**FL-03_20070118**		**FL-03_20070424**		**FL-03_20070813**	
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	
BIS(2-ETHYLHEXYL)PHTHALATE	2.86	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	3.61 J	0.44 J
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	1 U

LOCATION ID	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03
SAMPLE ID	FL-03_20060831	FL-03_20070118	FL-03_20070118-D	FL-03_20070424	FL-03_20070424-D	FL-03_20070813	FL-03_20070813-D	NTC02GW0305
SAMPLE DATE	08/31/2006	01/18/2007	01/18/2007	04/24/2007	04/24/2007	08/13/2007	08/13/2007	11/14/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			FL-03_20070118		FL-03_20070424		FL-03_20070813	
CAPROLACTAM	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.44 J
CARBAZOLE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	1 U
DI-N-OCTYL PHTHALATE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
FLUORENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.097 J
NITROBENZENE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	14.3 U	12.5 U	12.8 U	12.5 U	12.8 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
PHENOL	2.5 U	2.5 U	2.86 U	2.5 U	2.55 U	2.5 U	2.55 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0562 U	0.0526 U	0.051 U	0.0532 U	0.0543 U	0.50 U
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.25 U	0.255 U	0.266 U	0.269 U	0.263 U	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.25 U	0.255 U	0.266 U	0.269 U	0.263 U	0.20 U
AROCLOR-1232	0.255 U	0.255 U	0.25 U	0.255 U	0.266 U	0.269 U	0.263 U	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.25 U	0.255 U	0.266 U	0.269 U	0.263 U	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.25 U	0.255 U	0.266 U	0.269 U	0.263 U	0.20 U
AROCLOR-1254	0.255 U	0.255 U	0.25 U	0.255 U	0.266 U	0.269 U	0.263 U	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.25 U	0.255 U	0.266 U	0.269 U	0.263 U	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.01 U	0.0102 U	0.0106 U	0.0108 U	0.0105 U	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.3 U	0.306 U	0.319 U	0.323 U	0.316 U	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								

LOCATION ID	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03
SAMPLE ID	FL-03_20060831	FL-03_20070118	FL-03_20070118-D	FL-03_20070424	FL-03_20070424-D	FL-03_20070813	FL-03_20070813-D	NTC02GW0305
SAMPLE DATE	08/31/2006	01/18/2007	01/18/2007	04/24/2007	04/24/2007	08/13/2007	08/13/2007	11/14/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			FL-03_20070118		FL-03_20070424		FL-03_20070813	
ALACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
ATRAZINE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
ENDRIN	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.80 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.20 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	2 U
ALDICARB	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U
ALDICARB SULFONE	0.7 U	0.7 U		0.7 U	0.7 U	0.7 U	0.7 U	1 U
ALDICARB SULFOXIDE	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	1 U
CARBARYL	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	2 U
CARBOFURAN	0.9 U	0.9 U		0.9 U	0.9 U	0.9 U	0.9 U	4 U
METHIOCARB								1.7 U
METHOMYL	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
OXAMYL	1 U	1 U		1 U	1 U	1 U	1 U	20 U
PROPOXUR								2 U
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.0526 U	0.1 U	0.05 U	0.0521 U	0.0543 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.0526 U	0.1 U	0.05 U	0.0521 U	0.0543 U	0.20 U
2,4-D	1 U	1 U	0.526 U	1 U	0.5 U	0.521 U	0.543 U	2 U
2,4-DB	1 U	1 U	0.526 U	1 U	0.5 U	0.521 U	0.543 U	2 U
DALAPON	2.5 U	2.5 U	1.32 U	2.5 U	1.25 U	1.3 U	1.36 U	2 U
DICAMBA	0.1 U	0.1 U	0.105 U	0.1 U	0.1 U	0.104 U	0.109 U	0.20 U
DICHLOROPROP	1 U	1 U	0.526 U	1 U	0.5 U	0.521 U	0.543 U	2 U
DINOSEB	0.5 U	0.5 U	0.263 U	0.5 U	0.25 U	0.26 U	0.272 U	1 U
MCPA	100 U	100 U	52.6 U	100 U	50 U	52.1 U	54.3 U	200 U
MCPP	100 U	100 U	52.6 U	100 U	50 U	52.1 U	54.3 U	200 U
PENTACHLOROPHENOL	0.1 U	0.1 U	0.105 U	0.1 U	0.1 U	0.104 U	0.109 U	
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.53 U	2.55 U	2.72 U	2.69 U	2.72 U	5 U

LOCATION ID	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03	FL-03
SAMPLE ID	FL-03_20060831	FL-03_20070118	FL-03_20070118-D	FL-03_20070424	FL-03_20070424-D	FL-03_20070813	FL-03_20070813-D	NTC02GW0305
SAMPLE DATE	08/31/2006	01/18/2007	01/18/2007	04/24/2007	04/24/2007	08/13/2007	08/13/2007	11/14/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			FL-03_20070118		FL-03_20070424		FL-03_20070813	
INORGANICS TOTAL / DISSOLVED (UG/L)								
ALUMINUM	50 U	50 U	50 U	50 U	50 U	50 U	50 U	44 U
ANTIMONY	0.897	0.545	0.25 U	0.312	0.25 U	0.25 U	0.25 U	0.44 U
ARSENIC	11.7	13.1	13	5 U	5 U	8.07 J	6.14 J	20
BARIUM	349	347	335	303	283	344	347	340
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.31 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.062 U
CALCIUM	182000	177000	173000	189000	183000	171000	168000	170000
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.31 U
COBALT	4.47	3.84	3.83 J	3.05	2.99 J	3.39 J	3.32 J	3.7
COPPER	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.80
IRON	11500	15200	14600	2740	2730	15000	14700	12000 J
LEAD	2.5 U	2.5 U	5 U	2.5 U	2.5 U	25 U	25 U	0.33 U
MAGNESIUM	89500	95500	90400	93600	89900	90100	91300	86000 J
MANGANESE	236	150	144	96.3	90	106	107	96
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.059 U
NICKEL	13.8	14.9	14 J	14.8	14.3 J	13.9 J	13.7 J	17
POTASSIUM	3220	2930	2820	2260	2230	2600	2630	2600
SELENIUM	2.53	5.34	7.62	6.02	7.41	8.97	9.75	0.92 U
SILVER	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.12 U
SODIUM	64600	73900	70500	68200	66100	66500	65700	62000 J
THALLIUM	1.77	0.06	0.054 J	0.061	0.064 J	0.665	0.818	0.17 U
TOTAL ESSENTIAL NUTRIENTS	339320	349330	336720	353060	341230	330200	327630	320600
VANADIUM	11.7	5 U	10 U	5 U	5 U	50 U	50 U	0.83 U
ZINC	5 U	5 U	11.1 J	5 U	5 U	5 U	5 U	7.4 J
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.325	0.255	0.236	0.157	0.179	0.229	0.222	0.17 J
BIOCHEMICAL OXYGEN DEMAND (MG/L)	1.3	2.3	2.6 J	1.6	1.66 J	1 U	1 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	35.5	37	40	42.5	42.9	44.8	36	24 J
CHLORIDE (MG/L)	110	132	129	145	133	123	125	110 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
FLUORIDE (MG/L)	0.269	0.271	0.288	0.217	0.187	0.319	0.28	0.30
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0041 U
NITRATE (MG/L)	0.025 U	0.054	0.05	0.025 U	0.025 U	0.025 U	0.025 U	
NITRATE-N (MG/L)								0.029 U
NITRITE/NITRATE-N (MG/L)								0.029 U
NITRITE-N (MG/L)								0.0029 U
PH (S.U.)	6.73	6.67	6.7	6.72	6.77	6.77	6.77	
SULFATE (MG/L)	28.6	21.4	19.3	26.3	21.5	23.1	23	17
TOTAL DISSOLVED SOLIDS (MG/L)	1010	890	840	1080	1090	1010	976	970
TOTAL ORGANIC CARBON (MG/L)	25	26.1	28.3	18.9	20.8	8.6	7.05	15
TOTAL PHENOLICS (MG/L)	0.00333 U	0.00333 U	0.003 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.1 U	0.018 R
TOTAL SUSPENDED SOLIDS (MG/L)	23.5	19	16	7	6.5	15	20	50
FIELD RESULTS								
CONDUCTIVITY (MS/CM)								1.6
DISSOLVED OXYGEN (MG/L)								0.30
OXIDATION REDUCTION POTENTIAL (MV)								-43.00
PH (S.U.)								6.65
SALINITY (PPT)								0.00
TEMPERATURE (C)								12.5
TURBIDITY (NTU)								7.5

LOCATION ID SAMPLE ID SAMPLE DATE ROUND DUPLICATE SAMPLE	FL-03 NTC02GW0306 02/27/2008 QTR06	FL-03 NTC02GW0307 05/08/2008 QTR07	FL-03 NTC02GW0308 08/20/2008 QTR08
VOLATILE ORGANIC COMPOUNDS (UG/L)			
1,1,1,2-TETRACHLOROETHANE	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U
1,1-DICHLOROPROPENE	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U
1,2-DIBROMOETHANE	1 U	1 U	1 U
1,2-DICHLOROBENZENE	1 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	1 U	1 U	1 U
1,3-DICHLOROBENZENE	1 U	1 U	1 U
1,3-DICHLOROPROPANE	1 U	1 U	1 U
1,3-DICHLOROPROPENE			
1,4-DICHLOROBENZENE	1 U	1 U	1 U
2,2-DICHLOROPROPANE	1 UJ	1 U	1 U
2-BUTANONE	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	5 U	5 U	5 U
2-CHLOROTOLUENE	1 U	1 U	1 U
2-HEXANONE	5 U	5 U	5 U
4-CHLOROTOLUENE	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	1 U	1 U	1 U
4-METHYL-2-PENTANONE	5 U	5 U	5 U
ACETONE	5 U	5 U	5 UJ
ACROLEIN	5 UR	5 UR	5 UJ
ACRYLONITRILE	1 U	1 U	1 U
BENZENE	1 U	0.18 J	0.18 J
BROMOBENZENE	1 U	1 U	1 U
BROMOCHLOROMETHANE	1 U	1 U	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U
BROMOMETHANE	1 U	1 U	1 U
CARBON DISULFIDE	1 U	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U
CHLORODIBROMOMETHANE	1 U	1 U	1 U
CHLOROETHANE	1 U	1 U	1 U
CHLOROFORM	1 U	1 U	1 U
CHLOROMETHANE	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.74 J	0.74 J	0.73 J
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U
CYCLOHEXANE	5 U	5 U	5 U
DIBROMOMETHANE	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	1 U	1 U	1 U
ETHYL ACETATE	50 U	50 U	50 U
ETHYLBENZENE	1 U	1 U	1 U
ISOPROPYLBENZENE	1 U	1 U	1 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**FL-03** **NTC02GW0306** **02/27/2008** **QTR06**	**FL-03** **NTC02GW0307** **05/08/2008** **QTR07**	**FL-03** **NTC02GW0308** **08/20/2008** **QTR08**
M+P-XYLENES			
METHYL ACETATE	5 U	5 U	5 U
METHYL CYCLOHEXANE	5 U	5 U	5 U
METHYL IODIDE	1 U	1 U	1 U
METHYL METHACRYLATE	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER	1 U	1 U	1 U
METHYLENE CHLORIDE	1 U	1 U	1 U

LOCATION ID SAMPLE ID SAMPLE DATE ROUND DUPLICATE SAMPLE	FL-03 NTC02GW0306 02/27/2008 QTR06	FL-03 NTC02GW0307 05/08/2008 QTR07	FL-03 NTC02GW0308 08/20/2008 QTR08
N-BUTYLBENZENE	1 U	1 U	1 U
N-PROPYLBENZENE	1 U	1 U	1 U
O-XYLENE			
SEC-BUTYLBENZENE	1 U	1 U	1 U
STYRENE	1 U	1 U	1 U
TERT-BUTYLBENZENE	1 U	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U
TETRAHYDROFURAN	5 UR	4 J	3.8 J
TOLUENE	1 U	1 U	1 U
TOTAL XYLENES	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	5 UJ	5 U	5 UJ
TRICHLOROETHENE	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U
VINYL ACETATE	5 UJ	5 U	5 U
VINYL CHLORIDE	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)			
1,1-BIPHENYL	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.5 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	1 U	1 U	1 U
2,4-DINITROPHENOL	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.5 U	0.5 U	0.50 U
2-METHYLPHENOL	0.5 U	0.5 U	0.50 U
2-NITROANILINE	1 U	1 U	1 U
2-NITROPHENOL	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL			
3,3'-DICHLOROBENZIDINE	0.5 U	0.5 U	0.50 U
3-NITROANILINE	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	0.5 U	0.5 U	0.50 U
4-METHYLPHENOL	0.5 U	0.5 U	0.50 U
4-NITROANILINE	1 U	1 U	1 U
4-NITROPHENOL	5 U	5 U	5 U
ACENAPHTHENE	0.013 J	0.5 U	0.50 U
ACENAPHTHYLENE	0.5 U	0.5 U	0.50 U
ACETOPHENONE	0.5 U	0.5 U	0.50 U
ANILINE	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.017 J	0.5 U	0.50 U
ATRAZINE	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.5 U	0.5 U	0.50 U
BENZO(A)PYRENE	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.5 U	0.5 U	0.50 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**FL-03** **NTC02GW0306** **02/27/2008** **QTR06**	**FL-03** **NTC02GW0307** **05/08/2008** **QTR07**	**FL-03** **NTC02GW0308** **08/20/2008** **QTR08**
BENZO(G,H,I)PERYLENE	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER			
BIS(2-ETHYLHEXYL)PHTHALATE	0.5 U	0.5	0.50 U
BUTYL BENZYL PHTHALATE	0.049 J	1 U	0.17 J

LOCATION ID SAMPLE ID SAMPLE DATE ROUND DUPLICATE SAMPLE	FL-03 NTC02GW0306 02/27/2008 QTR06	FL-03 NTC02GW0307 05/08/2008 QTR07	FL-03 NTC02GW0308 08/20/2008 QTR08
CAPROLACTAM	0.43 J	1 U	0.34 J
CARBAZOLE	0.5 U	0.5 U	0.50 U
CHRYSENE	0.5 U	0.5 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	0.5 U	0.5 U	0.50 U
DIETHYL PHTHALATE	0.048 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	1 U	3.4	1 U
DI-N-OCTYL PHTHALATE	0.5 U	0.59	0.50 U
FLUORANTHENE	0.5 U	0.5 U	0.50 U
FLUORENE	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	0.5 U	0.5 U	0.50 U
HEXACHLOROETHANE	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.5 U	0.5 U	0.50 U
ISOPHORONE	0.055 U	0.5 U	0.50 U
NAPHTHALENE	0.5 U	0.5 U	0.50 U
NITROBENZENE	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	1 U	0.29 J	1 U
PHENANTHRENE	0.019 J	0.5 U	0.50 U
PHENOL	0.5 U	0.5 U	0.50 U
PYRENE	0.5 U	0.5 U	0.50 U
PESTICIDES/PCBs (UG/L)			
4,4'-DDD	0.05 U	0.05 UR	0.05 U
4,4'-DDE	0.05 U	0.05 UR	0.05 U
4,4'-DDT	0.05 U	0.05 UR	0.05 U
ALDRIN	0.05 U	0.05 UR	0.05 U
ALPHA-BHC	0.05 U	0.05 UR	0.05 U
ALPHA-CHLORDANE	0.05 U	0.05 UR	0.05 U
AROCLOR-1016	0.2 U	0.2 UR	0.20 U
AROCLOR-1221	0.2 U	0.2 UR	0.20 U
AROCLOR-1232	0.2 U	0.2 UR	0.20 U
AROCLOR-1242	0.2 U	0.2 UR	0.20 U
AROCLOR-1248	0.2 U	0.2 UR	0.20 U
AROCLOR-1254	0.2 U	0.2 UR	0.20 U
AROCLOR-1260	0.2 U	0.2 UR	0.20 U
BETA-BHC	0.05 U	0.05 UR	0.05 U
DELTA-BHC	0.05 U	0.05 UR	0.05 U
DIELDRIN	0.05 U	0.05 UR	0.05 U
ENDOSULFAN I	0.05 U	0.05 UR	0.05 U
ENDOSULFAN II	0.05 U	0.05 UR	0.05 U
ENDOSULFAN SULFATE	0.05 U	0.05 UR	0.05 U
ENDRIN	0.05 U	0.05 UR	0.05 U
ENDRIN ALDEHYDE	0.05 U	0.05 UR	0.05 U
ENDRIN KETONE	0.05 U	0.05 UR	0.05 U
GAMMA-BHC (LINDANE)	0.05 U	0.05 UR	0.05 U
GAMMA-CHLORDANE	0.05 U	0.05 UR	0.05 U
HEPTACHLOR	0.05 U	0.05 UR	0.05 U
HEPTACHLOR EPOXIDE	0.05 U	0.05 UR	0.05 U
METHOXYCHLOR	0.5 U	0.5 UR	0.50 U
TOXAPHENE	1 U	1 UR	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)			

LOCATION ID	FL-03	FL-03	FL-03
SAMPLE ID	NTC02GW0306	NTC02GW0307	NTC02GW0308
SAMPLE DATE	02/27/2008	05/08/2008	08/20/2008
ROUND	QTR06	QTR07	QTR08
DUPLICATE SAMPLE			
ALACHLOR	0.2 U	0.19 U	0.19 U
ALDRIN			0.19 U
ATRAZINE	0.2 U	0.19 U	
BUTACHLOR	0.49 U	0.49 U	0.48 U
DIELDRIN			
ENDRIN			
GAMMA-BHC (LINDANE)			
METHOXYCHLOR			
METOLACLOR (DUAL)	0.2 U	0.19 U	0.19 UJ
METRIBUZIN	0.2 U	0.19 U	0.19 U
PROPACHLOR	0.2 U	0.19 U	0.19 U
SIMAZINE	0.49 U	0.49 U	0.48 U
CARBAMATE UREA PESTICIDES (UG/L)			
3-HYDROXYCARBOFURAN	2.5 U	2.5 U	2.5 U
ALDICARB	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	2.5 U	2.5 U	2.5 U
CARBARYL	2.5 U	2.5 U	2.5 U
CARBOFURAN	2.5 U	2.5 U	2.5 U
METHIOCARB			
METHOMYL	2.5 U	2.5 U	2.5 U
OXAMYL	2.5 U	2.5 U	2.5 U
PROPOXUR			
HERBICIDES (UG/L)			
2,4,5-T	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.2 U	0.2 U	0.20 U
2,4-D	2 U	2 U	2 U
2,4-DB	2 UJ	2 U	2 U
DALAPON	2 U	2 U	2 U
DICAMBA	0.2 U	0.2 U	0.20 U
DICHLOROPROP	2 U	2 U	2 U
DINOSEB	1 U	1 U	1 U
MCPA	200 U	200 U	200 U
MCPP	200 U	200 U	200 U
PENTACHLOROPHENOL			
PETROLEUM HYDROCARBONS (MG/L)			
OIL & GREASE - HEM	5 U	0.830000 U	5 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**FL-03** **NTC02GW0306** **02/27/2008** **QTR06**	**FL-03** **NTC02GW0307** **05/08/2008** **QTR07**	**FL-03** **NTC02GW0308** **08/20/2008** **QTR08**
INORGANICS TOTAL / DISSOLVED (UG/L)			
ALUMINUM	44 U / 44 U	20 U / 20 U	100 U
ANTIMONY	0.44 U / 0.44 U	0.32 U / 0.32 U	1 U
ARSENIC	6 / 2.1	14 / 11	21
BARIUM	290 / 260	340 / 320	320
BERYLLIUM	0.31 U / 0.31 U	0.23 U / 0.23 U	1 U
CADMIUM	0.062 U / 0.062 U	0.056 U / 0.056 U	0.20 U
CALCIUM	180000 / 170000	170000 / 190000	160000
CHROMIUM	0.31 U / 0.31 U	0.33 U / 2.7	1 UJ
COBALT	3.2 / 3.1	4.3 / 4.3	3.5
COPPER	2.3 J / 2.4 J	0.63 / 0.6	0.63 J
IRON	3800 / 310	16000 / 16000	14000
LEAD	0.33 U / 0.33 U	0.29 U / 0.29 U	1 U
MAGNESIUM	89000 / 88000	89000 / 97000	80000
MANGANESE	76 / 73	83 / 85	80
MERCURY	0.046 U / 0.046 U	0.046 U / 0.046 U	0.20 U
NICKEL	16 / 16	22 / 22	18
POTASSIUM	2100 / 2000	2100 / 2100	2200
SELENIUM	2.1 / 1.6	1.8 / 1.1	0.84 UJ
SILVER	0.12 U / 0.12 U	0.061 U / 0.061 UJ	0.20 U
SODIUM	78000 / 75000	76000 / 85000	63000
THALLIUM	0.17 U / 0.17 U	0.05 U / 0.086	1 U
TOTAL ESSENTIAL NUTRIENTS	349100 / 335000	337100 / 374100	305200
VANADIUM	0.83 U / 0.83 U	0.27 U / 3.9	3 U
ZINC	0.84 U / 0.84 U	7 U / 8.8	9.2 UJ
MISCELLANEOUS PARAMETERS			
AMMONIA-N (MG/L)	0.13	0.17	0.15
BIOCHEMICAL OXYGEN DEMAND (MG/L)	2 U	2.7	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	35	53 U	33
CHLORIDE (MG/L)	140	150	130 J
CYANIDE (MG/L)	0.001900 U	0.0032 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.25	0.25	0.24
HEXAVALENT CHROMIUM (MG/L)	0.0041 U	0.0041 UJ	0.01 UJ
NITRATE (MG/L)			
NITRATE-N (MG/L)	0.016 U	0.022 J	0.02 U
NITRITE/NITRATE-N (MG/L)	0.016 U	0.022 U	0.02 U
NITRITE-N (MG/L)	0.0055	0.0029 U	0.0046 J
PH (S.U.)			
SULFATE (MG/L)	21	20	22 J
TOTAL DISSOLVED SOLIDS (MG/L)	1000	1100	980
TOTAL ORGANIC CARBON (MG/L)	9.2	0.16 U	14
TOTAL PHENOLICS (MG/L)	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.026	0.039	0.056 J
TOTAL SUSPENDED SOLIDS (MG/L)	9.6	37	31
FIELD RESULTS			
CONDUCTIVITY (MS/CM)	1.78	1.78	1.64
DISSOLVED OXYGEN (MG/L)	0.25	0.35	0.30
OXIDATION REDUCTION POTENTIAL (MV)	-41	-50	-39.00
PH (S.U.)	6.60	6.50	6.6
SALINITY (PPT)	0	0	
TEMPERATURE (C)	9.03	9.92	13.4
TURBIDITY (NTU)	15	9.32	6.14

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	FL-04_20060822	FL-04_20060822-D	FL-04_20070130	FL-04_20070430	FL-04_20070816	NTC02GW0405	NTC02GW0405-D	NTC02GW0406
SAMPLE DATE	08/22/2006	08/22/2006	01/30/2007	04/30/2007	08/16/2007	11/13/2007	11/13/2007	02/26/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR05	QTR06
DUPLICATE SAMPLE		FL-04_20060822					NTC02GW0405	
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE						1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 UJ
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	2 U	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	3.77	4.82	2.5 U	5 U	5 U	5 U
ACROLEIN	20 U	20 U	20 U	20 U	20 U	5 UR	5 UR	5 UR
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U
BENZENE	0.765	0.641 J	0.702	0.822	1.23	1.2	1.2	0.91 J
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 UJ	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1.57	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.312 J	0.40 J	0.41 J	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
CYCLOHEXANE						5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.493	0.25 U	0.25 U	0.25 U	0.457 J	1 U	0.35 J	0.35 J
ETHYL ACETATE	25 U	25 U	25 U	25 U	25 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	FL-04_20060822	FL-04_20060822-D	FL-04_20070130	FL-04_20070430	FL-04_20070816	NTC02GW0405	NTC02GW0405-D	NTC02GW0406
SAMPLE DATE	08/22/2006	08/22/2006	01/30/2007	04/30/2007	08/16/2007	11/13/2007	11/13/2007	02/26/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR05	QTR06
DUPLICATE SAMPLE		FL-04_20060822					NTC02GW0405	
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
METHYL ACETATE						5 U	5 U	5 U
METHYL CYCLOHEXANE						5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER						1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	FL-04_20060822	FL-04_20060822-D	FL-04_20070130	FL-04_20070430	FL-04_20070816	NTC02GW0405	NTC02GW0405-D	NTC02GW0406
SAMPLE DATE	08/22/2006	08/22/2006	01/30/2007	04/30/2007	08/16/2007	11/13/2007	11/13/2007	02/26/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR05	QTR06
DUPLICATE SAMPLE		FL-04_20060822					NTC02GW0405	
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U			
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	25 U	14	13	19 J
TOLUENE	0.495	0.414 J	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TOTAL XYLENES						1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	1 U	5 U	5 U	5 UJ
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 UJ
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.5 U	2.81 U	0.14 J	0.50 U	0.087 J
1-METHYLNAPHTHALENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
2,2'-OXYBIS(1-CHLOROPROPANE)						0.50 U	0.50 U	0.5 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2,4-DICHLOROPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2,4-DIMETHYLPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	13 U	12.5 U	12.5 U	14 U	5 U	5 U	5 U
2,4-DINITROTOLUENE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2,6-DINITROTOLUENE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2-CHLORONAPHTHALENE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2-CHLOROPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2-METHYLNAPHTHALENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
2-METHYLPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
2-NITROANILINE	12.5 U	13 U	12.5 U	12.5 U	14 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
3&4-METHYLPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U			
3,3'-DICHLOROBENZIDINE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
3-NITROANILINE	12.5 U	13 U	12.5 U	12.5 U	14 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	13 U	12.5 U	12.5 U	14 U	0.50 U	0.50 U	0.5 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
4-CHLOROANILINE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
4-METHYLPHENOL						0.50 U	0.50 U	0.5 U
4-NITROANILINE	12.5 U	13 U	12.5 U	12.5 U	14 U	1 U	1 U	1 U
4-NITROPHENOL	12.5 U	13 U	12.5 U	12.5 U	14 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
ACENAPHTHYLENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
ACETOPHENONE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.079 U
ANILINE	-99 U	5.21 U	-99 U	5.26 U	5.62 U	0.50 U	0.50 U	0.5 U
ANTHRACENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.016 J
ATRAZINE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
BENZALDEHYDE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	2.5	2.5	0.5 U
BENZO(A)ANTHRACENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
BENZO(A)PYRENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**
SAMPLE ID	**FL-04_20060822**	**FL-04_20060822-D**	**FL-04_20070130**	**FL-04_20070430**	**FL-04_20070816**	**NTC02GW0405**	**NTC02GW0405-D**	**NTC02GW0406**
SAMPLE DATE	**08/22/2006**	**08/22/2006**	**01/30/2007**	**04/30/2007**	**08/16/2007**	**11/13/2007**	**11/13/2007**	**02/26/2008**
ROUND	**QTR01**	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR05**	**QTR06**
DUPLICATE SAMPLE		**FL-04_20060822**					**NTC02GW0405**	
BENZO(G,H,I)PERYLENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U			
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.83	0.50 U	0.57
BUTYL BENZYL PHTHALATE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	1 U	1 U	0.11 J

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	FL-04_20060822	FL-04_20060822-D	FL-04_20070130	FL-04_20070430	FL-04_20070816	NTC02GW0405	NTC02GW0405-D	NTC02GW0406
SAMPLE DATE	08/22/2006	08/22/2006	01/30/2007	04/30/2007	08/16/2007	11/13/2007	11/13/2007	02/26/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR05	QTR06
DUPLICATE SAMPLE		FL-04_20060822					NTC02GW0405	
CAPROLACTAM	2.5 U	2.6 U	2.5 U	5.48	2.81 U	1 U	1 U	1.2 J
CARBAZOLE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
CHRYSENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
DIBENZOFURAN	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
DIETHYL PHTHALATE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.15 U
DIMETHYL PHTHALATE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
DI-N-BUTYL PHTHALATE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	1 U	1 U	1 U
DI-N-OCTYL PHTHALATE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
FLUORANTHENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
FLUORENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
HEXACHLOROBENZENE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
HEXACHLOROBUTADIENE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 UJ
HEXACHLOROETHANE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
ISOPHORONE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.12 U
NAPHTHALENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.059 J	0.095 J	0.5 U
NITROBENZENE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
N-NITROSODIPHENYLAMINE	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
PENTACHLOROPHENOL	12.5 U	13 U	0.413	12.5 U	14 U	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
PHENOL	2.5 U	2.6 U	2.5 U	2.5 U	2.81 U	0.50 U	0.50 U	0.5 U
PYRENE	0.0526 U	0.0538 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.50 U	0.5 U
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
4,4'-DDE	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
4,4'-DDT	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ALDRIN	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ALPHA-BHC	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
AROCLOR-1016	0.255 U	0.263 U	0.255 U	0.255 U	0.281 U	0.20 U	0.21 U	0.2 U
AROCLOR-1221	0.255 U	0.263 U	0.255 U	0.255 U	0.281 U	0.20 U	0.21 U	0.2 U
AROCLOR-1232	0.255 U	0.263 U	0.255 U	0.255 U	0.281 U	0.20 U	0.21 U	0.2 U
AROCLOR-1242	0.255 U	0.263 U	0.255 U	0.255 U	0.281 U	0.20 U	0.21 U	0.2 U
AROCLOR-1248	0.255 U	0.263 U	0.255 U	0.255 U	0.281 U	0.20 U	0.21 U	0.2 U
AROCLOR-1254	0.255 U	0.263 U	0.255 U	0.255 U	0.281 U	0.20 U	0.21 U	0.2 U
AROCLOR-1260	0.255 U	0.263 U	0.255 U	0.255 U	0.281 U	0.20 U	0.21 U	0.2 U
BETA-BHC	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
DELTA-BHC	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
DIELDRIN	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.0036 J	0.05 U
ENDOSULFAN II	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ENDRIN	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
HEPTACHLOR	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.05 U	0.053 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0105 U	0.0102 U	0.0102 U	0.0112 U	0.50 U	0.53 U	0.5 U
TOXAPHENE	0.306 U	0.316 U	0.306 U	0.306 U	0.337 U	1 U	1.1 U	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	FL-04_20060822	FL-04_20060822-D	FL-04_20070130	FL-04_20070430	FL-04_20070816	NTC02GW0405	NTC02GW0405-D	NTC02GW0406
SAMPLE DATE	08/22/2006	08/22/2006	01/30/2007	04/30/2007	08/16/2007	11/13/2007	11/13/2007	02/26/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR05	QTR06
DUPLICATE SAMPLE		FL-04_20060822					NTC02GW0405	
ALACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.40 U	0.19 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U			
ATRAZINE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.20 U	0.19 U
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.40 U	0.48 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U			
ENDRIN	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U			
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U			
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.80 U	0.80 U	0.19 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.20 U	0.19 U
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.40 U	0.19 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.20 U	0.20 U	0.48 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U		0.5 U	0.5 U	0.5 U	2 U	2 U	2.5 U
ALDICARB	0.5 U		0.5 U	0.5 U	0.5 UJ	1 U	1 U	2.5 U
ALDICARB SULFONE	0.7 U		0.7 U	0.7 U	0.7 U	1 U	0.835 J	2.5 U
ALDICARB SULFOXIDE	0.5 U		0.5 U	0.5 U	0.5 U	1 U	1 U	2.5 U
CARBARYL	0.5 U		0.5 U	0.5 U	0.5 U	2 U	2 U	2.5 U
CARBOFURAN	0.9 U		0.9 U	0.9 U	0.9 UJ	4 U	4 U	2.5 U
METHIOCARB						1.7 U	1.7 U	
METHOMYL	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.50 U	2.5 U
OXAMYL	1 U		1 U	1 U	1 U	20 U	20 U	2.5 U
PROPOXUR						2 U	2 U	
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.105 U	0.1 U	0.1 U	0.0532 U	0.20 U	0.22 U	2 UJ
2,4,5-TP (SILVEX)	0.1 U	0.105 U	0.1 U	0.1 U	0.0532 U	0.20 U	0.22 U	2 U
2,4-D	1 U	1.05 U	1 U	1 U	0.532 U	2 U	2.2 U	20 U
2,4-DB	1 U	1.05 U	1 U	1 U	0.532 U	2 U	2.2 U	20 UJ
DALAPON	2.5 U	2.63 U	2.5 U	2.5 U	1.33 U	2 U	2.2 U	20 U
DICAMBA	0.1 U	0.105 U	0.1 U	0.1 U	0.106 U	0.20 U	0.22 U	2 U
DICHLOROPROP	1 U	1.05 U	1 U	1 U	0.532 U	2 U	2.2 U	20 U
DINOSEB	0.5 U	0.526 U	2.55	0.5 U	0.266 U	1 U	1.1 U	10 U
MCPA	100 U	105 U	100 U	100 U	53.2 U	200 U	220 U	2000 U
MCPP	100 U	105 U	100 U	100 U	53.2 U	200 U	220 U	2000 U
PENTACHLOROPHENOL	0.1 U	0.105 U	0.1 U	0.1 U	0.106 U			
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.63 U	2.55 U	2.55 U	2.75 U	5 U	5 U	5 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**
SAMPLE ID	**FL-04_20060822**	**FL-04_20060822-D**	**FL-04_20070130**	**FL-04_20070430**	**FL-04_20070816**	**NTC02GW0405**	**NTC02GW0405-D**	**NTC02GW0406**
SAMPLE DATE	**08/22/2006**	**08/22/2006**	**01/30/2007**	**04/30/2007**	**08/16/2007**	**11/13/2007**	**11/13/2007**	**02/26/2008**
ROUND	**QTR01**	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR05**	**QTR06**
DUPLICATE SAMPLE		**FL-04_20060822**					**NTC02GW0405**	
INORGANICS TOTAL / DISSOLVED (UG/L)								
ALUMINUM	305	331	50 U	50 U	50 U	44 U	44 U	44 U / 44 U
ANTIMONY	1.18	1.19	1.87	1.06	2.42	1 U	1.2 U	1.3 / 1.1
ARSENIC	7.63	8 J	11.2	5 U	5 U	6.4	5.5	7 / 7.2
BARIUM	1150	1160	1330	1200	1300	1200	1200	1500 / 1500
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.31 U	0.31 U	0.31 U / 0.31 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.062 U	0.062 U	0.062 U / 0.062 U
CALCIUM	234000	243000	251000	231000	206000	230000 J	240000 J	250000 / 230000 J
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.5	1.4	0.31 U / 0.31 U
COBALT	10.5	10.6 J	10.3	8.21	6.83 J	7.4	7.3	10 / 10
COPPER	5 U	5 U	5 U	5 U	5 U	1.1	1.2	11 J / 0.93 J
IRON	8590	8730	13200	13000	10600	12000 J	12000 J	14000 / 14000
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	50 U	0.33 U	0.61	0.33 U / 0.33 U
MAGNESIUM	141000	143000	173000	153000	143000	150000 J	150000 J	170000 / 170000 J
MANGANESE	174	177 B	151	147	117	130	140	150 / 150
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.084 U	0.092 U	0.046 U / 0.046 U
NICKEL	24.9	24.7 J	24.6	17.8	12.8 J	20	23	20 / 22
POTASSIUM	25900	26100	29900	26900	55200	32000 J	33000 J	36000 / 36000
SELENIUM	16.8	17.7	22.8	23.5	24.7	0.92 U	0.92 U	2.7 / 4.6 J
SILVER	5 U	5 U	5 U	5 U	5 U	0.12 U	0.12 U	0.12 U / 0.12 U
SODIUM	316000	327000	415000	379000	340000	350000	350000	440000 / 420000 J
THALLIUM	0.592	0.61	0.05 U	0.744	0.727	0.17 U	0.17 U	0.17 U / 0.17 U
TOTAL ESSENTIAL NUTRIENTS	716900	739100	868900	789900	744200	762000	773000	896000 / 856000
VANADIUM	8.37	12	5 U	5 U	100 U	1.6	1.6	2.7 / 2.6
ZINC	5 U	5 U	5 U	5 U	5 U	10	11	0.84 U / 0.84 U
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	21.8	23.1	28.8	40.1	48	29 J	29 J	34
BIOCHEMICAL OXYGEN DEMAND (MG/L)	8.6	8.4	7.1	6.99	10.9	7	9.8	7.1
CHEMICAL OXYGEN DEMAND (MG/L)	250	250	214	171	168	38 J	38 J	37
CHLORIDE (MG/L)	501	499	697	485	463	500	490	580
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0015	0.0015	0.001900 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
FLUORIDE (MG/L)	0.194	0.185	0.238	0.121	0.226	0.17	0.18	0.17
HEXAVALENT CHROMIUM (MG/L)	0.005 U		0.005 U	0.005 U	0.005 U	0.0041 U	0.0041 U	0.0041 U
NITRATE (MG/L)	0.069	0.062	0.025 U	0.025 U	0.036 J			
NITRATE-N (MG/L)						0.029 U	0.029 U	0.016 U
NITRITE/NITRATE-N (MG/L)						0.029 U	0.029 U	0.016 U
NITRITE-N (MG/L)						0.0029 U	0.0029 U	0.0034
PH (S.U.)	6.86	6.97	6.47	6.78	6.84			
SULFATE (MG/L)	27.7	28	32.4	24.4	14	3.9	3.1	13
TOTAL DISSOLVED SOLIDS (MG/L)	2210	2190	2310	2250	2090	2100	2100	2300
TOTAL ORGANIC CARBON (MG/L)	64.5	67.4	73.4	70.3	34	48	49	51
TOTAL PHENOLICS (MG/L)	0.00406	0.0037 J	0.00333 U	0.00575	0.00491 J	0.0038	0.05 U	0.004800 U
TOTAL PHOSPHORUS (MG/L)	0.107	0.127	0.05 U	0.128	0.263	0.22 J	0.25 J	0.34
TOTAL SUSPENDED SOLIDS (MG/L)	39	39	36	33	24.5	51 J	190 J	40
FIELD RESULTS								
CONDUCTIVITY (MS/CM)						3.7		3.94
DISSOLVED OXYGEN (MG/L)						0.10		0.14
OXIDATION REDUCTION POTENTIAL (MV)						-79.00		-88
PH (S.U.)						6.5		6.75
SALINITY (PPT)						0.00		0
TEMPERATURE (C)						13.1		8.38
TURBIDITY (NTU)						1.7		2.8

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	NTC02GW0406-D	NTC02GW0407	NTC02GW0407-D	NTC02GW0408	NTC02GW0408-D
SAMPLE DATE	02/26/2008	05/07/2008	05/07/2008	08/21/2008	08/21/2008
ROUND	QTR06	QTR07	QTR07	QTR08	QTR08
DUPLICATE SAMPLE	NTC02GW0406		NTC02GW0407		NTC02GW0408
VOLATILE ORGANIC COMPOUNDS (UG/L)					
1,1,1,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE					
1,4-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	1 UJ	1 U	1 U	1 U	1 U
2-BUTANONE	5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	5 U	5 U	5 U	5 U	5 U
2-CHLOROTOLUENE	1 U	1 U	1 U	1 U	1 U
2-HEXANONE	5 U	5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	1 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	1 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	5 U	5 U	5 U	5 U	5 U
ACETONE	5 U	5 UJ	5 U	5 UJ	5 UJ
ACROLEIN	5 UR	5 U	5 UR	5 UJ	5 UJ
ACRYLONITRILE	1 U	1 U	1 U	1 U	1 U
BENZENE	0.88 J	0.73 J	1	1.4	1.4
BROMOBENZENE	1 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 U	1 U	1 U	1 U	1 U
CARBON DISULFIDE	1 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	1 U	0.31 J	0.34 J	0.44 J	0.46 J
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
CYCLOHEXANE	5 U	5 U	5 U	5 U	5 U
DIBROMOMETHANE	1 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.35 J	0.26 J	0.37 J	0.43 J	0.49 J
ETHYL ACETATE	50 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	1 U	1 U	1 U	1 U	1 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**FL-04** **NTC02GW0406-D** **02/26/2008** **QTR06** **NTC02GW0406**	**FL-04** **NTC02GW0407** **05/07/2008** **QTR07**	**FL-04** **NTC02GW0407-D** **05/07/2008** **QTR07** **NTC02GW0407**	**FL-04** **NTC02GW0408** **08/21/2008** **QTR08**	**FL-04** **NTC02GW0408-D** **08/21/2008** **QTR08** **NTC02GW0408**
M+P-XYLENES					
METHYL ACETATE	5 U	5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE	5 U	5 U	5 U	5 U	5 U
METHYL IODIDE	1 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER	1 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	1 U	1 U	1 U	1 U	1 U

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	NTC02GW0406-D	NTC02GW0407	NTC02GW0407-D	NTC02GW0408	NTC02GW0408-D
SAMPLE DATE	02/26/2008	05/07/2008	05/07/2008	08/21/2008	08/21/2008
ROUND	QTR06	QTR07	QTR07	QTR08	QTR08
DUPLICATE SAMPLE	NTC02GW0406		NTC02GW0407		NTC02GW0408
N-BUTYLBENZENE	1 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	1 U	1 U	1 U	1 U	1 U
O-XYLENE					
SEC-BUTYLBENZENE	1 U	1 U	1 U	1 U	1 U
STYRENE	1 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	1 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	18 J	11 J	13 J	14 J	13 J
TOLUENE	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	5 UJ	5 U	5 U	5 UJ	5 UJ
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U	1 U	1 U
VINYL ACETATE	5 UJ	5 U	5 U	5 U	5 U
VINYL CHLORIDE	1 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)					
1,1-BIPHENYL	0.11 J	0.54 U	0.5 U	0.50 U	0.50 U
1-METHYLNAPHTHALENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2,4,5-TRICHLOROPHENOL	0.5 U	0.54 U	0.5 U	0.071 J	0.50 U
2,4,6-TRICHLOROPHENOL	0.5 U	0.54 U	0.5 U	0.04 J	0.50 U
2,4-DICHLOROPHENOL	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2,4-DIMETHYLPHENOL	1 U	1.1 U	1 U	0.19 J	0.20 J
2,4-DINITROPHENOL	5 U	5.4 U	5 U	5 U	5 U
2,4-DINITROTOLUENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2,6-DINITROTOLUENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2-CHLORONAPHTHALENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2-CHLOROPHENOL	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2-METHYLNAPHTHALENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2-METHYLPHENOL	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
2-NITROANILINE	1 U	1.1 U	1 U	1 U	1 U
2-NITROPHENOL	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
3&4-METHYLPHENOL					
3,3'-DICHLOROBENZIDINE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
3-NITROANILINE	1 U	1.1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
4-CHLORO-3-METHYLPHENOL	0.22 J	0.54 U	0.5 U	0.50 U	0.50 U
4-CHLOROANILINE	1 U	0.45 J	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
4-METHYLPHENOL	0.5 U	0.23 J	0.5 U	0.50 U	0.50 U
4-NITROANILINE	1 U	1.1 U	1 U	1 U	1 U
4-NITROPHENOL	5 U	5.4 U	5 U	5 U	5 U
ACENAPHTHENE	0.5 U	0.54 U	0.02 J	0.50 U	0.50 U
ACENAPHTHYLENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
ACETOPHENONE	0.085 U	0.5 U	0.5 U	0.061 J	0.073 J
ANILINE	0.5 U	0.54 U	0.5 U	0.12 J	0.10 J
ANTHRACENE	0.041 J	0.54 U	0.5 U	0.03 J	0.50 U
ATRAZINE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
BENZALDEHYDE	0.5 U	0.58 J	1.2 J	0.34 J	0.40 J
BENZO(A)ANTHRACENE	0.5 U	0.54 U	0.5 U	0.11 J	0.042 J
BENZO(A)PYRENE	0.5 U	0.54 U	0.5 U	0.11 J	0.50 U
BENZO(B)FLUORANTHENE	0.5 U	0.54 U	0.5 U	0.091 J	0.50 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**
SAMPLE ID	**NTC02GW0406-D**	**NTC02GW0407**	**NTC02GW0407-D**	**NTC02GW0408**	**NTC02GW0408-D**
SAMPLE DATE	**02/26/2008**	**05/07/2008**	**05/07/2008**	**08/21/2008**	**08/21/2008**
ROUND	**QTR06**	**QTR07**	**QTR07**	**QTR08**	**QTR08**
DUPLICATE SAMPLE	**NTC02GW0406**		**NTC02GW0407**		**NTC02GW0408**
BENZO(G,H,I)PERYLENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
BENZO(K)FLUORANTHENE	0.5 U	0.54 U	0.5 U	0.11 J	0.50 U
BIS(2-CHLOROETHOXY)METHANE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER					
BIS(2-ETHYLHEXYL)PHTHALATE	0.5 U	0.54 U	0.5 U	11 J	0.50 UJ
BUTYL BENZYL PHTHALATE	1 U	1.1 U	1 U	0.35 J	1 U

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	NTC02GW0406-D	NTC02GW0407	NTC02GW0407-D	NTC02GW0408	NTC02GW0408-D
SAMPLE DATE	02/26/2008	05/07/2008	05/07/2008	08/21/2008	08/21/2008
ROUND	QTR06	QTR07	QTR07	QTR08	QTR08
DUPLICATE SAMPLE	NTC02GW0406		NTC02GW0407		NTC02GW0408
CAPROLACTAM	1.5	1.1 U	1.7	1 U	1 U
CARBAZOLE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
CHRYSENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
DIBENZOFURAN	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
DIETHYL PHTHALATE	0.14 U	0.075 J	0.071 J	0.50 U	0.50 U
DIMETHYL PHTHALATE	0.13 J	0.54 U	0.5 U	0.50 U	0.50 U
DI-N-BUTYL PHTHALATE	1 U	1.1 U	1 U	2.4	1.8 U
DI-N-OCTYL PHTHALATE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
FLUORANTHENE	0.5 U	0.54 U	0.041 J	0.04 J	0.021 J
FLUORENE	0.5 U	0.032 J	0.041 J	0.081 J	0.50 U
HEXACHLOROBENZENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
HEXACHLOROBUTADIENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
HEXACHLOROETHANE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.5 U	0.54 U	0.5 U	0.051 J	0.50 U
ISOPHORONE	0.11 U	0.11 J	0.5 U	0.50 U	0.50 U
NAPHTHALENE	0.5 U	0.054 J	0.031 J	0.02 J	0.50 U
NITROBENZENE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
N-NITROSODIPHENYLAMINE	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
PENTACHLOROPHENOL	1 U	1.1 U	1 U	0.48 J	1 U
PHENANTHRENE	0.047 J	0.022 J	0.5 U	0.04 J	0.50 U
PHENOL	0.5 U	0.54 U	0.5 U	0.50 U	0.50 U
PYRENE	0.5 U	0.54 U	0.5 U	0.081 J	0.50 U
PESTICIDES/PCBs (UG/L)					
4,4'-DDD	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
4,4'-DDE	0.05 U	0.05 UJ	0.05 UJ	0.013 R	0.05 U
4,4'-DDT	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ALDRIN	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ALPHA-BHC	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ALPHA-CHLORDANE	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
AROCLOR-1016	0.2 U	0.2 UJ	0.2 UJ	0.20 U	0.20 U
AROCLOR-1221	0.2 U	0.2 UJ	0.2 UJ	0.20 U	0.20 U
AROCLOR-1232	0.2 U	0.2 UJ	0.2 UJ	0.20 U	0.20 U
AROCLOR-1242	0.2 U	0.2 UJ	0.2 UJ	0.20 U	0.20 U
AROCLOR-1248	0.2 U	0.2 UJ	0.2 UJ	0.20 U	0.20 U
AROCLOR-1254	0.2 U	0.2 UJ	0.2 UJ	0.20 U	0.20 U
AROCLOR-1260	0.2 U	0.2 UJ	0.2 UJ	0.20 U	0.20 U
BETA-BHC	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
DELTA-BHC	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
DIELDRIN	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ENDOSULFAN I	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ENDOSULFAN II	0.05 U	0.05 UJ	0.05 UJ	0.0083 R	0.0092 R
ENDOSULFAN SULFATE	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ENDRIN	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
ENDRIN KETONE	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.0035 J	0.05 UJ	0.05 UJ	0.05 U	0.05 U
GAMMA-CHLORDANE	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
HEPTACHLOR	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U
METHOXYCHLOR	0.5 U	0.5 UJ	0.5 UJ	0.50 U	0.50 U
TOXAPHENE	1 U	1 UJ	1 UJ	1 U	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)					

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-04**	**FL-04**	**FL-04**	**FL-04**	**FL-04**
SAMPLE ID	**NTC02GW0406-D**	**NTC02GW0407**	**NTC02GW0407-D**	**NTC02GW0408**	**NTC02GW0408-D**
SAMPLE DATE	**02/26/2008**	**05/07/2008**	**05/07/2008**	**08/21/2008**	**08/21/2008**
ROUND	**QTR06**	**QTR07**	**QTR07**	**QTR08**	**QTR08**
DUPLICATE SAMPLE	**NTC02GW0406**		**NTC02GW0407**		**NTC02GW0408**
ALACHLOR	0.2 U	0.19 U	0.19 U	2 U	2 U
ALDRIN				2 U	2 U
ATRAZINE	0.2 U	0.19 U	0.19 U		
BUTACHLOR	0.49 U	0.48 U	0.48 U	5 U	5 U
DIELDRIN					
ENDRIN					
GAMMA-BHC (LINDANE)					
METHOXYCHLOR					
METOLACLOR (DUAL)	0.2 U	0.19 U	0.19 U	2 U	2 U
METRIBUZIN	0.2 U	0.19 U	0.19 U	2 U	2 U
PROPACHLOR	0.2 U	0.19 U	0.19 U	2 U	2 U
SIMAZINE	0.49 U	0.48 U	0.48 U	5 U	5 U
CARBAMATE UREA PESTICIDES (UG/L)					
3-HYDROXYCARBOFURAN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
CARBARYL	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
METHIOCARB					
METHOMYL	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
OXAMYL	4.1 R	2.5 U	2.5 U	2.5 U	2.5 U
PROPOXUR					
HERBICIDES (UG/L)					
2,4,5-T	2 UJ	0.2 U	0.2 U	0.20 U	0.20 U
2,4,5-TP (SILVEX)	2 UJ	0.2 U	0.2 U	0.20 U	0.20 U
2,4-D	20 UJ	2 U	2 U	2 U	2 U
2,4-DB	20 UJ	1.2 J	0.83 J	2 U	2 U
DALAPON	20 U	2 U	2 U	2 U	2 U
DICAMBA	2 U	0.2 U	0.2 U	0.20 U	0.20 U
DICHLOROPROP	20 UJ	2 U	2 U	2 U	2 U
DINOSEB	10 UJ	1 U	1 U	1 U	1 U
MCPA	2000 UJ	200 U	200 U	200 U	200 U
MCPP	2000 UJ	200 U	200 U	200 U	200 U
PENTACHLOROPHENOL					
PETROLEUM HYDROCARBONS (MG/L)					
OIL & GREASE - HEM	5 U	0.830000 U	0.830000 U	5 U	5 U

LOCATION ID	FL-04	FL-04	FL-04	FL-04	FL-04
SAMPLE ID	NTC02GW0406-D	NTC02GW0407	NTC02GW0407-D	NTC02GW0408	NTC02GW0408-D
SAMPLE DATE	02/26/2008	05/07/2008	05/07/2008	08/21/2008	08/21/2008
ROUND	QTR06	QTR07	QTR07	QTR08	QTR08
DUPLICATE SAMPLE	NTC02GW0406		NTC02GW0407		NTC02GW0408
INORGANICS TOTAL / DISSOLVED (UG/L)					
ALUMINUM	44 U / 44 U	20 U	20 U	100 U	100 U
ANTIMONY	1.3 / 1.3	0.93 U	0.95 U	0.78 J	0.76 J
ARSENIC	7.2 / 6.8	8	6.3	9.3	8.9
BARIUM	1500 / 1600	1100	1300	1300	1100
BERYLLIUM	0.31 U / 0.31 U	0.23 U	0.23 U	1 U	1 U
CADMIUM	0.062 U / 0.062 U	0.056 U	0.11 U	0.20 U	0.20 U
CALCIUM	240000 / 240000 J	200000	210000	210000	210000
CHROMIUM	3.4 / 0.31 U	2.2	2.4	2.1	2
COBALT	10 / 10	7.4	8.1	7.3	7
COPPER	1.2 J / 0.70 J	0.91	0.92	1.3	1.2
IRON	14000 / 14000	13000	13000	12000	12000
LEAD	0.33 U / 0.33 U	0.29 U	0.29 U	1 U	1 U
MAGNESIUM	170000 / 170000 J	130000	150000	140000	140000
MANGANESE	150 / 150	140	140	120	110
MERCURY	0.046 U / 0.046 U	0.046 U	0.046 U	0.20 U	0.20 U
NICKEL	20 / 20	19	20	20	20
POTASSIUM	37000 / 37000	28000	37000	32000	32000
SELENIUM	0.92 U / 8.4 J	3.9	4.6	1.6 U	2.1
SILVER	0.12 U / 0.12 U	0.061 U	0.061 U	0.20 U	0.20 U
SODIUM	430000 / 440000 J	330000	380000	330000	330000
THALLIUM	0.17 U / 0.17 U	0.05 U	0.05 U	1 U	1 U
TOTAL ESSENTIAL NUTRIENTS	877000 / 887000	688000	777000	712000	712000
VANADIUM	2.7 / 2.5	1.8	2.1	1.9 J	1.9 J
ZINC	0.84 U / 0.84 U	4.1 U	12 U	6.1 UJ	4 UJ
MISCELLANEOUS PARAMETERS					
AMMONIA-N (MG/L)	34	27	37	38	39
BIOCHEMICAL OXYGEN DEMAND (MG/L)	9.5	8.8 J	16.0 J	12	12
CHEMICAL OXYGEN DEMAND (MG/L)	37	150	160	150	160
CHLORIDE (MG/L)	580	450	480	520 J	520 J
CYANIDE (MG/L)	0.001900 U	0.0033 U	0.0036 U	0.005 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2.0 U	2.0 U	2 U	2 U
FLUORIDE (MG/L)	0.17	0.16	0.15	0.14	0.13
HEXAVALENT CHROMIUM (MG/L)	0.0074	0.0047 J	0.0059 J	0.01 U	0.01 U
NITRATE (MG/L)					
NITRATE-N (MG/L)	0.028	0.024 J	0.025 J	0.02 U	0.02 U
NITRITE/NITRATE-N (MG/L)	0.032	0.028 U	0.025 U	0.02 U	0.02 U
NITRITE-N (MG/L)	0.0042	0.0037 J	0.0029 U	0.0042 U	0.0042 U
PH (S.U.)					
SULFATE (MG/L)	12	46	39	9.4 J	6.6 J
TOTAL DISSOLVED SOLIDS (MG/L)	2300	1900	2000	2100	2200
TOTAL ORGANIC CARBON (MG/L)	48 J	43	46	46	45
TOTAL PHENOLICS (MG/L)	0.004800 U	0.0048 UJ	0.0048 U	0.05 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.3	0.21	0.26	0.29 J	0.29 J
TOTAL SUSPENDED SOLIDS (MG/L)	39	31	33	31	31
FIELD RESULTS					
CONDUCTIVITY (MS/CM)		3.49	3.49	3.64	3.64
DISSOLVED OXYGEN (MG/L)		0.13	0.13	0.91	0.91
OXIDATION REDUCTION POTENTIAL (MV)		-90	-90	-92.00	-92.00
PH (S.U.)		6.72	6.72	6.69	6.69
SALINITY (PPT)		0	0		
TEMPERATURE (C)		11.41	11.41	13.58	13.58
TURBIDITY (NTU)		1.42	1.42	1.06	1.06

LOCATION ID	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05
SAMPLE ID	FL-05_20060817	FL-05_20070110	FL-05_20070425	FL-05_20070809	NTC02GW0505	NTC02GW0506	NTC02GW0507	NTC02GW0508
SAMPLE DATE	08/17/2006	01/10/2007	04/25/2007	08/09/2007	11/13/2007	02/25/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE					1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U				
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 UJ	5 UJ
ACROLEIN	20 U	20 U	20 U	20 U	5 UR	5 UR	5 U	5 UJ
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.518 J	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CYCLOHEXANE					5 U	5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ETHYL ACETATE	25 U	25 U	25 U	25 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

LOCATION ID	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05
SAMPLE ID	FL-05_20060817	FL-05_20070110	FL-05_20070425	FL-05_20070809	NTC02GW0505	NTC02GW0506	NTC02GW0507	NTC02GW0508
SAMPLE DATE	08/17/2006	01/10/2007	04/25/2007	08/09/2007	11/13/2007	02/25/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U				
METHYL ACETATE					5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE					5 U	5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER					1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

LOCATION ID	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05
SAMPLE ID	FL-05_20060817	FL-05_20070110	FL-05_20070425	FL-05_20070809	NTC02GW0505	NTC02GW0506	NTC02GW0507	NTC02GW0508
SAMPLE DATE	08/17/2006	01/10/2007	04/25/2007	08/09/2007	11/13/2007	02/25/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U				
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR	5 UJ
TOLUENE	-99 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TOTAL XYLENES					1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	5 U	5 UJ	5 U	5 UJ
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 UJ	5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.04 J	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)					0.50 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	12.5 U	13.7 U	5 U	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.02 J	0.5 U	0.05 J	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	12.5 U	13.7 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.75 U				
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	12.5 U	13.7 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	12.5 U	13.7 U	0.50 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.5 U	2.75 U	1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
4-METHYLPHENOL					0.50 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	12.5 U	12.5 U	12.5 U	13.7 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	12.5 U	12.5 U	12.5 U	13.7 U	5 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.02 J	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
ANILINE	-99 U	-99 U	5.26 U	5.49 U	0.50 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.02 J	0.5 U	0.5 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.5 U	2.75 U	1.9	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.039 J	0.5 U	0.5 U	0.50 U
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.029 J	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U

LOCATION ID	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05
SAMPLE ID	FL-05_20060817	FL-05_20070110	FL-05_20070425	FL-05_20070809	NTC02GW0505	NTC02GW0506	NTC02GW0507	NTC02GW0508
SAMPLE DATE	08/17/2006	01/10/2007	04/25/2007	08/09/2007	11/13/2007	02/25/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.5 U	2.75 U				
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.5 U	2.5 U	2.75 U	1.6	0.43 J	0.5 U	0.50 U
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.75 U	1 U	0.092 J	1 U	0.30 J

LOCATION ID	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05
SAMPLE ID	FL-05_20060817	FL-05_20070110	FL-05_20070425	FL-05_20070809	NTC02GW0505	NTC02GW0506	NTC02GW0507	NTC02GW0508
SAMPLE DATE	08/17/2006	01/10/2007	04/25/2007	08/09/2007	11/13/2007	02/25/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
CAPROLACTAM	2.5 U	2.5 U	2.5 U	2.75 U	1 U	1 U	1 U	0.29 J
CARBAZOLE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.029 J	0.5 U	0.5 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.058 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.75 U	0.79 J	1 U	1 U	1 U
DI-N-OCTYL PHTHALATE	3.22	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.039 J	0.5 U	0.5 U	0.50 U
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.046 U	0.5 U	0.50 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.059 J	0.5 U	1.1	0.50 U
NITROBENZENE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	12.5 U	13.7 U	0.42 J	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.069 J	0.5 U	0.5 U	0.50 U
PHENOL	2.5 U	2.5 U	2.5 U	2.75 U	0.50 U	0.5 U	0.5 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.255 U	0.269 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.255 U	0.269 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1232	0.255 U	0.255 U	0.255 U	0.269 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.255 U	0.269 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.255 U	0.269 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1254	0.391	0.255 U	0.255 U	0.269 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.255 U	0.269 U	0.20 U	0.2 U	0.2 UJ	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.05 U	0.05 U	0.05 UJ	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0102 U	0.0108 U	0.50 U	0.5 U	0.5 UJ	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.306 U	0.323 U	1 U	1 U	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								

LOCATION ID	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05	FL-05
SAMPLE ID	FL-05_20060817	FL-05_20070110	FL-05_20070425	FL-05_20070809	NTC02GW0505	NTC02GW0506	NTC02GW0507	NTC02GW0508
SAMPLE DATE	08/17/2006	01/10/2007	04/25/2007	08/09/2007	11/13/2007	02/25/2008	05/07/2008	08/20/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
ALACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.2 U	0.20 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.1 U				0.20 U
ATRAZINE	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 UJ	
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.5 U	0.49 U	0.50 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U				
ENDRIN	0.01 U	0.01 U	0.01 U	0.01 U				
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U				
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U				
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.80 U	0.2 U	0.2 U	0.20 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 U	0.20 UJ
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.2 U	0.20 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.07 U	0.20 U	0.5 U	0.49 UJ	0.50 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2.5 U	2.5 U	2.5 U
ALDICARB	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U	0.7 U	0.7 U	0.7 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.5 U	2.5 U	2.5 U
CARBARYL	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	0.9 U	0.9 U	0.9 U	0.9 U	4 U	2.5 U	2.5 U	2.5 U
METHIOCARB					1.7 U			
METHOMYL	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	2.5 U
OXAMYL	1 U	1 U	1 U	1 U	20 U	2.5 U	2.5 U	2.5 U
PROPOXUR					2 U			
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.1 U	0.0543 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.1 U	0.0543 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4-D	1 U	1 U	1 U	0.543 U	2 U	2 UJ	2 U	2 U
2,4-DB	1 U	1 U	1 U	0.543 U	2 U	2 UJ	2 U	2 U
DALAPON	2.5 U	2.5 U	2.5 U	1.36 U	2 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.1 U	0.1 U	0.109 U	0.20 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	1 U	1 U	1 U	0.543 U	2 U	2 UJ	2 U	2 U
DINOSEB	0.5 U	0.5 U	0.5 U	0.272 U	1 U	1 UJ	1 U	1 U
MCPA	100 U	100 U	100 U	54.3 U	200 U	200 UJ	200 U	200 U
MCPP	100 U	100 U	100 U	54.3 U	200 U	200 UJ	200 U	200 U
PENTACHLOROPHENOL	0.1 U	0.1 U	0.1 U	0.109 U				
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.55 U	2.78 U	5 U	5 U	0.830000 U	5 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-05**	**FL-05**	**FL-05**	**FL-05**	**FL-05**	**FL-05**	**FL-05**	**FL-05**
SAMPLE ID	**FL-05_20060817**	**FL-05_20070110**	**FL-05_20070425**	**FL-05_20070809**	**NTC02GW0505**	**NTC02GW0506**	**NTC02GW0507**	**NTC02GW0508**
SAMPLE DATE	**08/17/2006**	**01/10/2007**	**04/25/2007**	**08/09/2007**	**11/13/2007**	**02/25/2008**	**05/07/2008**	**08/20/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
INORGANICS TOTAL / DISSOLVED (UG/L)								
ALUMINUM	301	71.4	5250	934	20000 J / 44 U	1100 J / 44 U	1200 / 20 U	380
ANTIMONY	0.25 U	0.25 U	0.619	1.15	0.91 J / 0.91 U	0.44 U / 0.44 U	0.32 U / 0.32 U	1 U
ARSENIC	7.65	5.29	33.5	5 U	10 / 4.3	4.6 / 4.9	5.2 / 4.7	5
BARIUM	31.9	46.7	84	37	190 / 34	47 / 40	42 / 35	35
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	1.7 / 0.31 U	0.31 U / 0.31 U	0.23 U / 0.23 U	1 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.37 / 0.07	0.062 U / 0.062 U	0.056 U / 0.056 U	0.20 U
CALCIUM	45300	71400	74800	75400	120000 J / 57000 J	77000 / 78000 J	74000 / 68000	59000
CHROMIUM	2.5 U	2.5 U	6.62	2.5 U	51 J / 0.54 U	2.3 / 0.31 U	1.7 / 0.87	0.34 J
COBALT	2.5 U	2.5 U	2.73	2.5 U	21 / 0.64	1.7 / 0.85	1.2 / 0.71	0.84 J
COPPER	5 U	5 U	8.26	5 U	38 / 1	2.3 J / 0.88 J	2.5 / 0.74	1.2
IRON	267	280	5110	1090	23000 / 290 J	1800 / 420	1500 / 330	840
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	16 / 0.33 U	0.58 / 0.33 U	1.2 / 0.29 U	1 U
MAGNESIUM	37200	64200	57300	56300	71000 J / 43000 J	55000 / 59000 J	56000 / 54000	45000
MANGANESE	42.7	25.9	90.3	36.1	580 / 24	45 / 17	33 / 11	23
MERCURY	0.131	0.10 U	0.10 U	0.10 U	0.046 U / 0.053 U	0.046 U / 0.046 U	0.046 U / 0.046 U	0.20 U
NICKEL	5 U	5 U	7.39	5 U	58 / 3.5	5.4 / 5.9	8.5 / 4.6	4.7
POTASSIUM	1720	1800	3880	2150	9000 / 1600	2000 / 1600	2200 / 1600	1600
SELENIUM	1.51	1.45	1.57	2.28	1 / 0.92 U	0.92 U / 0.92 U	0.58 / 0.30 U	0.45 UJ
SILVER	5 U	5 U	5 U	5 U	0.28 / 0.12 U	0.12 U / 0.12 U	0.061 U / 0.061 UJ	0.20 U
SODIUM	40800	47300	46100	48500	50000 J / 45000 J	45000 / 50000 J	47000 / 45000	41000
THALLIUM	0.762	0.05 U	0.05 U	0.283	0.46 / 0.17 U	0.17 U / 0.17 U	0.05 U / 0.05 U	1 U
TOTAL ESSENTIAL NUTRIENTS	125020	184700	182080	182350	250000 / 146600	179000 / 188600	179200 / 168600	146600
VANADIUM	6.18	5 U	5 U	25 U	56 / 0.83 U	2.4 / 0.83 U	1.9 / 0.3	0.81 J
ZINC	5 U	5 U	12.5	5 U	90 J / 14 J	0.84 U / 0.84 U	15 U / 7.4 U	4.7 UJ
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.308	0.318	0.35	0.41	0.25	0.38	0.41	0.42
BIOCHEMICAL OXYGEN DEMAND (MG/L)	1 U	1 U	1 U	1 U	2 U	2 U	2.0 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	10 U	17.4	15	26.2	14 J	18	15	15 J
CHLORIDE (MG/L)	20.6	47.6	34.6	33.2	30	41	36	32 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.0026 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.691	0.613	0.514	0.622	0.65	0.48	0.51	0.53
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.0041 U	0.0041 U	0.0082 J	0.01 U
NITRATE (MG/L)	0.032	0.031	0.025 U	0.025 U				
NITRATE-N (MG/L)					0.029 U	0.027	0.022 J	0.02 U
NITRITE/NITRATE-N (MG/L)					0.029 U	0.031	0.022 U	0.02 U
NITRITE-N (MG/L)					0.0029 U	0.0044	0.0029 U	0.011 J
PH (S.U.)	7.29	7.88	7.14	7.79				
SULFATE (MG/L)	137	204	153	184	140	170	180	170 J
TOTAL DISSOLVED SOLIDS (MG/L)	432	608	562	544	500	590	580	540
TOTAL ORGANIC CARBON (MG/L)	5.63	8.04	4.92	2.03	5.7	5.7	6	5.2
TOTAL PHENOLICS (MG/L)	0.00333 U	0.00575	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.05 U	0.089	0.06	0.1 U	0.042 J	0.027	0.026	0.039 J
TOTAL SUSPENDED SOLIDS (MG/L)	5	2.5 U	51.5	27.5	140 J	28	33	15
FIELD RESULTS								
CONDUCTIVITY (MS/CM)					0.776	0.968	0.917	0.811
DISSOLVED OXYGEN (MG/L)					0.11	0.15	3.54	0.16
OXIDATION REDUCTION POTENTIAL (MV)					-167.00	-139	-173	-179.00
PH (S.U.)					7.95	7.49	7.93	7.92
SALINITY (PPT)					0.00	0	0	
TEMPERATURE (C)					11.4	9.50	12.48	15.08
TURBIDITY (NTU)					48	39	23.4	7.37

LOCATION ID	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06
SAMPLE ID	FL-06_20060821	FL-06_20070119	FL-06_20070417	FL-06_20070814	NTC02GW0605	NTC02GW0606	NTC02GW0607	NTC02GW0608
SAMPLE DATE	08/21/2006	01/19/2007	04/17/2007	08/14/2007	11/13/2007	02/27/2008	05/07/2008	08/21/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE					1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U				
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	5 U	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 UJ	5 UJ
ACROLEIN	20 U	20 U	20 U	20 U	5 UR	5 UR	5 U	5 UJ
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.311 J	1 U	0.38 J	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CYCLOHEXANE					5 U	5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ETHYL ACETATE	25 U	25 U	25 U	25 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

LOCATION ID	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06
SAMPLE ID	FL-06_20060821	FL-06_20070119	FL-06_20070417	FL-06_20070814	NTC02GW0605	NTC02GW0606	NTC02GW0607	NTC02GW0608
SAMPLE DATE	08/21/2006	01/19/2007	04/17/2007	08/14/2007	11/13/2007	02/27/2008	05/07/2008	08/21/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U				
METHYL ACETATE					5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE					5 U	5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER					1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

LOCATION ID	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06
SAMPLE ID	FL-06_20060821	FL-06_20070119	FL-06_20070417	FL-06_20070814	NTC02GW0605	NTC02GW0606	NTC02GW0607	NTC02GW0608
SAMPLE DATE	08/21/2006	01/19/2007	04/17/2007	08/14/2007	11/13/2007	02/27/2008	05/07/2008	08/21/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U				
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR	5 UJ
TOLUENE	1.79	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TOTAL XYLENES					1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	5 U	5 UJ	5 U	5 UJ
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 UJ	5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)					0.50 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	5 U	5 U	5 U	5 U
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U				
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	0.50 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
4-METHYLPHENOL					0.50 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U
4-NITROPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	5 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.019 J	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
ANILINE	-99 U	-99 U	5.26 U	5.1 U	0.50 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.03 J
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**
SAMPLE ID	**FL-06_20060821**	**FL-06_20070119**	**FL-06_20070417**	**FL-06_20070814**	**NTC02GW0605**	**NTC02GW0606**	**NTC02GW0607**	**NTC02GW0608**
SAMPLE DATE	**08/21/2006**	**01/19/2007**	**04/17/2007**	**08/14/2007**	**11/13/2007**	**02/27/2008**	**05/07/2008**	**08/21/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.5 U	2.55 U				
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.80
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	0.12 J

LOCATION ID	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06
SAMPLE ID	FL-06_20060821	FL-06_20070119	FL-06_20070417	FL-06_20070814	NTC02GW0605	NTC02GW0606	NTC02GW0607	NTC02GW0608
SAMPLE DATE	08/21/2006	01/19/2007	04/17/2007	08/14/2007	11/13/2007	02/27/2008	05/07/2008	08/21/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
CAPROLACTAM	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	1 U
CARBAZOLE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.03 J
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	3.4
DI-N-OCTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	4.8	0.071 J
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.042 U	0.5 U	0.50 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.057 J	0.5 U	0.5 U	0.01 J
NITROBENZENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.02 J
PHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0568 U	0.50 U	0.5 U	0.5 U	0.03 J
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.255 U	0.284 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.255 U	0.284 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1232	0.255 U	0.255 U	0.255 U	0.284 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.255 U	0.284 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.255 U	0.284 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1254	0.255 U	0.255 U	0.255 U	0.284 U	0.20 U	0.2 U	0.2 UJ	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.255 U	0.284 U	0.20 U	0.2 U	0.2 UJ	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.0051 J	0.05 U	0.05 UJ	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.05 U	0.05 U	0.05 UJ	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0102 U	0.0114 U	0.50 U	0.5 U	0.5 UJ	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.306 U	0.341 U	1 U	1 U	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								

LOCATION ID	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06	FL-06
SAMPLE ID	FL-06_20060821	FL-06_20070119	FL-06_20070417	FL-06_20070814	NTC02GW0605	NTC02GW0606	NTC02GW0607	NTC02GW0608
SAMPLE DATE	08/21/2006	01/19/2007	04/17/2007	08/14/2007	11/13/2007	02/27/2008	05/07/2008	08/21/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
ALACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.2 U	1 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.1 U				1 U
ATRAZINE	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 U	
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.5 U	0.5 U	2.5 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U				
ENDRIN	0.01 U	0.01 U	0.01 U	0.01 U				
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U				
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U				
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.80 U	0.2 U	0.2 U	1 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 U	1 U
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.2 U	1 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.07 U	0.20 U	0.5 U	0.5 U	2.5 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2.5 U	2.5 U	2.5 U
ALDICARB	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U	0.7 U	0.7 U	0.7 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	2.5 U	2.5 U	2.5 U
CARBARYL	0.5 U	0.5 U	0.5 U	0.5 U	2 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	0.9 U	0.9 U	0.9 U	0.9 U	4 U	2.5 U	2.5 U	2.5 U
METHIOCARB					1.7 U			
METHOMYL	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	2.5 U
OXAMYL	1 U	1 U	1 U	1 U	20 U	2.5 U	2.5 U	2.5 U
PROPOXUR					2 U			
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.1 U	0.0526 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.1 U	0.0526 U	0.20 U	0.2 U	0.2 U	0.20 U
2,4-D	1 U	1 U	1 U	0.526 U	2 U	2 U	2 U	2 U
2,4-DB	1 U	1 U	1 U	0.526 U	2 U	2 UJ	2 U	2 U
DALAPON	2.5 U	2.5 U	2.5 U	1.32 U	2 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.1 U	0.1 U	0.105 U	0.20 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	1 U	1 U	1 U	0.526 U	2 U	2 U	2 U	2 U
DINOSEB	0.5 U	0.5 U	0.5 U	0.263 U	1 U	1 U	1 U	1 U
MCPA	100 U	100 U	100 U	52.6 U	200 U	200 U	200 U	200 U
MCPP	100 U	100 U	100 U	52.6 U	200 U	200 U	200 U	200 U
PENTACHLOROPHENOL	0.1 U	0.1 U	0.1 U	0.105 U				
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.55 U	2.63 U	5 U	5 U	0.830000 U	5 U

ATTACHMENT A.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
FORRESTAL LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**	**FL-06**
SAMPLE ID	**FL-06_20060821**	**FL-06_20070119**	**FL-06_20070417**	**FL-06_20070814**	**NTC02GW0605**	**NTC02GW0606**	**NTC02GW0607**	**NTC02GW0608**
SAMPLE DATE	**08/21/2006**	**01/19/2007**	**04/17/2007**	**08/14/2007**	**11/13/2007**	**02/27/2008**	**05/07/2008**	**08/21/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
INORGANICS TOTAL / DISSOLVED (UG/L)								
ALUMINUM	445	670	904	453	10000 J / 44 U	7800 / 660	5000 / 31	1900 / 100 U
ANTIMONY	0.472	0.25 U	0.277	0.926 J	0.85 U / 0.44 U	0.44 U / 0.44 U	0.32 U / 0.32 U	1 U / 1 U
ARSENIC	5 U	5 U	5 U	5 U	3.9 / 0.74 U	2.5 / 0.74 U	1.7 / 0.35	1.5 J / 0.45 J
BARIUM	107	88.1	77.8	84.1	130 / 80	130 / 79	99 / 76	72 / 61
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.36 / 0.31 U	0.38 / 0.31 U	0.23 U / 0.23 U	1 U / 1 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.14 / 0.062 U	0.12 / 0.062 U	0.16 / 0.056 U	0.20 U / 0.20 U
CALCIUM	126000	116000	123000	152000	140000 J / 120000 J	140000 / 120000	140000 / 120000	140000 / 130000
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	12 / 1.7	12 / 0.31 U	6.4 / 0.97	2.5 / 1 UJ
COBALT	2.5 U	2.5 U	2.5 U	2.5 U	6.5 / 0.67	5.8 / 0.79	2.8 / 0.29	1.3 / 0.10 J
COPPER	5 U	5 U	5 U	5 U	15 / 1.2	12 / 2 J	6.6 / 1.5	3.9 / 1.6 U
IRON	382	654	845	559	11000 J / 5.7 U	9600 / 720	5400 / 9.6 U	2300 / 20 U
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	6.3 / 0.33 U	5.2 / 0.33 U	2.6 / 0.29 U	1.2 / 1 U
MAGNESIUM	64300	65000	66400	79500	79000 J / 62000 J	73000 / 66000	73000 / 67000	75000 / 72000
MANGANESE	231	115	112	224	480 / 220	360 / 130	170 / 51	120 / 41
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.073 U / 0.046 U	0.046 U / 0.046 U	0.046 U / 0.046 U	0.20 U / 0.20 U
NICKEL	5 U	5 U	5 U	6.13 J	22 / 4.6	24 / 5.2	14 / 4.7	6.9 / 3.7
POTASSIUM	3500	3080	2850	2850	6700 / 2500	5200 / 2400	4500 / 2400	2800 / 2000
SELENIUM	1.29	0.859	0.83	1.59	1.1 / 0.92 U	0.92 U / 0.92 U	0.30 U / 0.30 U	0.45 UJ / 0.61 UJ
SILVER	5 U	5 U	5 U	5 U	0.12 U / 0.12 U	0.12 U / 0.12 U	0.061 U / 0.061 UJ	0.20 U / 0.20 U
SODIUM	90700	77200	66500	66800	62000 J / 64000 J	58000 / 59000	52000 / 51000	38000 / 37000
THALLIUM	0.814	0.095	0.082	0.151 J	0.29 / 0.19	0.27 / 0.17 U	0.21 / 0.092	0.13 J / 0.071 J
TOTAL ESSENTIAL NUTRIENTS	284500	261280	258750	301150	287700 / 248500	276200 / 247400	269500 / 240400	255800 / 241000
VANADIUM	12	5 U	5 U	100 U	15 / 2	15 / 1.4	8.2 / 0.51	4.2 / 0.28 J
ZINC	5 U	9.79	5 U	5 U	38 / 10 J	0.84 U / 0.84 U	17 U / 6.1 U	9.3 UJ / 8 UJ
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.194	0.125	0.05 U	0.142	0.19	0.088	0.14	0.21
BIOCHEMICAL OXYGEN DEMAND (MG/L)	1 U	1.3	1.02	1 U	2.4	2 U	2.0 U	2.4
CHEMICAL OXYGEN DEMAND (MG/L)	10 U	10 U	10 U	14.2 J	12 J	8.3	7	12 J
CHLORIDE (MG/L)	26.6	28.2	27.6	29	25	27	29	29 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.0028 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.46	0.43	0.459	0.493	0.44	0.44	0.35	0.37
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.0041 U	0.0041 U	0.0041 UJ	0.01 U
NITRATE (MG/L)	0.049	0.223	0.12	0.064				
NITRATE-N (MG/L)					0.029 U	0.16	0.048 J	0.02 U
NITRITE/NITRATE-N (MG/L)					0.034	0.16	0.053 U	0.02 U
NITRITE-N (MG/L)					0.018	0.0039	0.005 J	0.0099 J
PH (S.U.)	7.27	7.16	7.2	7.31				
SULFATE (MG/L)	313	326	284	279	250	250	260	270 J
TOTAL DISSOLVED SOLIDS (MG/L)	904	872	862	902	780	800	850	910
TOTAL ORGANIC CARBON (MG/L)	10.5	4.52	2.87	2.24 J	4	2	2.6	2.7
TOTAL PHENOLICS (MG/L)	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.05 U	0.05 U	0.05 U	0.172 J	0.20 J	0.091	0.052	0.18 J
TOTAL SUSPENDED SOLIDS (MG/L)	2.5 U	13	40.5	9	140 J	160	43	270
FIELD RESULTS								
CONDUCTIVITY (MS/CM)					1.23	1.287	1.295	1.368
DISSOLVED OXYGEN (MG/L)					0.20	1.59	0.60	0.37
OXIDATION REDUCTION POTENTIAL (MV)					62	51	60	114
PH (S.U.)					7.19	6.95	7.12	7.19
SALINITY (PPT)					0.00	0	0	
TEMPERATURE (C)					12.4	6.74	13.58	14.53
TURBIDITY (NTU)					12.8	37	30.3	44.4

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
1,1-BIPHENYL	FL-01	0	8	0	NO	NO	NO TREND	NA
1,1-BIPHENYL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	NA
1,1-BIPHENYL	FL-03	0	8	0	NO	NO	NO TREND	NA
1,1-BIPHENYL	FL-04	2	8	0	NO	NO	NO TREND	NA
1,1-BIPHENYL	FL-05	0	8	0	NO	NO	NO TREND	NA
1,1-BIPHENYL	FL-06	0	8	0	NO	NO	NO TREND	NA
1,1-DICHLOROETHANE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
1,1-DICHLOROETHANE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
1,1-DICHLOROETHANE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
1,1-DICHLOROETHANE	FL-04	0	8	0	NO	YES	UPWARD TREND	YES
1,1-DICHLOROETHANE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
1,1-DICHLOROETHANE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
1-METHYLNAPHTHALENE	FL-01	1	8	0	NO	YES	UPWARD TREND[3]	NA
1-METHYLNAPHTHALENE	FL-02	0	8	0	NO	YES	UPWARD TREND	NA
1-METHYLNAPHTHALENE	FL-03	0	8	0	NO	YES	UPWARD TREND	NA
1-METHYLNAPHTHALENE	FL-04	0	8	0	NO	NO	NO TREND	NA
1-METHYLNAPHTHALENE	FL-05	1	8	0	NO	NO	NO TREND	NA
1-METHYLNAPHTHALENE	FL-06	0	8	0	NO	YES	UPWARD TREND	NA
2,4,5-TRICHLOROPHENOL	FL-01	1	8	0	NO	NO	NO TREND	YES
2,4,5-TRICHLOROPHENOL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
2,4,5-TRICHLOROPHENOL	FL-03	0	8	0	NO	NO	NO TREND	YES
2,4,5-TRICHLOROPHENOL	FL-04	1	8	0	NO	NO	NO TREND	YES
2,4,5-TRICHLOROPHENOL	FL-05	0	8	0	NO	NO	NO TREND	YES
2,4,5-TRICHLOROPHENOL	FL-06	0	8	0	NO	NO	NO TREND	YES
2,4,6-TRICHLOROPHENOL	FL-01	1	8	0	NO	NO	NO TREND	YES
2,4,6-TRICHLOROPHENOL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
2,4,6-TRICHLOROPHENOL	FL-03	0	8	0	NO	NO	NO TREND	YES
2,4,6-TRICHLOROPHENOL	FL-04	1	8	0	NO	NO	NO TREND	YES
2,4,6-TRICHLOROPHENOL	FL-05	0	8	0	NO	NO	NO TREND	YES
2,4,6-TRICHLOROPHENOL	FL-06	0	8	0	NO	NO	NO TREND	YES
2,4-DB	FL-01	0	8	0	NO	NO	NO TREND	YES
2,4-DB	FL-02	0	8	0	NO	NO	NO TREND	YES
2,4-DB	FL-03	0	8	0	NO	NO	NO TREND	YES
2,4-DB	FL-04	1	8	0	NO	NO	NO TREND	YES
2,4-DB	FL-05	0	8	0	NO	NO	NO TREND	YES
2,4-DB	FL-06	0	8	0	NO	NO	NO TREND	YES
2,4-DICHLOROPHENOL	FL-01	1	8	0	NO	NO	NO TREND	YES
2,4-DICHLOROPHENOL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
2,4-DICHLOROPHENOL	FL-03	0	8	0	NO	NO	NO TREND	YES
2,4-DICHLOROPHENOL	FL-04	0	8	0	NO	NO	NO TREND	YES
2,4-DICHLOROPHENOL	FL-05	0	8	0	NO	NO	NO TREND	YES
2,4-DICHLOROPHENOL	FL-06	0	8	0	NO	NO	NO TREND	YES
2,4-DIMETHYLPHENOL	FL-01	0	8	0	NO	NO	NO TREND	YES
2,4-DIMETHYLPHENOL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
2,4-DIMETHYLPHENOL	FL-03	0	8	0	NO	NO	NO TREND	YES
2,4-DIMETHYLPHENOL	FL-04	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
2,4-DIMETHYLPHENOL	FL-05	0	8	0	NO	NO	NO TREND	YES
2,4-DIMETHYLPHENOL	FL-06	0	8	0	NO	NO	NO TREND	YES
2-METHYLNAPHTHALENE	FL-01	1	8	0	NO	YES	UPWARD TREND[3]	NA
2-METHYLNAPHTHALENE	FL-02	0	8	0	NO	YES	UPWARD TREND	NA
2-METHYLNAPHTHALENE	FL-03	0	8	0	NO	YES	UPWARD TREND	NA
2-METHYLNAPHTHALENE	FL-04	0	8	0	NO	NO	NO TREND	NA
2-METHYLNAPHTHALENE	FL-05	2	8	0	NO	NO	NO TREND	NA
2-METHYLNAPHTHALENE	FL-06	0	8	0	NO	YES	UPWARD TREND	NA
4-CHLORO-3-METHYLPHENOL	FL-01	0	8	0	NO	NO	NO TREND	NA
4-CHLORO-3-METHYLPHENOL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	NA
4-CHLORO-3-METHYLPHENOL	FL-03	0	8	0	NO	NO	NO TREND	NA
4-CHLORO-3-METHYLPHENOL	FL-04	0	8	0	NO	NO	NO TREND	NA
4-CHLORO-3-METHYLPHENOL	FL-05	0	8	0	NO	NO	NO TREND	NA
4-CHLORO-3-METHYLPHENOL	FL-06	0	8	0	NO	NO	NO TREND	NA
4-CHLOROANILINE	FL-01	0	8	0	NO	NO	NO TREND	YES
4-CHLOROANILINE	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
4-CHLOROANILINE	FL-03	0	8	0	NO	NO	NO TREND	YES
4-CHLOROANILINE	FL-04	1	8	0	NO	NO	NO TREND	YES
4-CHLOROANILINE	FL-05	0	8	0	NO	NO	NO TREND	YES
4-CHLOROANILINE	FL-06	0	8	0	NO	NO	NO TREND	YES
4-METHYLPHENOL	FL-01	0	4	0	NO	NO	NO TREND	YES
4-METHYLPHENOL	FL-02	0	4	0	NO	NO	NO TREND	YES
4-METHYLPHENOL	FL-03	0	4	0	NO	NO	NO TREND	YES
4-METHYLPHENOL	FL-04	1	4	0	NO	NO	NO TREND	YES
4-METHYLPHENOL	FL-05	0	4	0	NO	NO	NO TREND	YES
4-METHYLPHENOL	FL-06	0	4	0	NO	NO	NO TREND	YES
ACENAPHTHENE	FL-01	1	8	0	NO	NO	NO TREND	YES
ACENAPHTHENE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
ACENAPHTHENE	FL-03	1	8	0	NO	NO	NO TREND	YES
ACENAPHTHENE	FL-04	0	8	0	NO	NO	NO TREND	YES
ACENAPHTHENE	FL-05	1	8	0	NO	NO	NO TREND	YES

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
ACENAPHTHENE	FL-06	1	8	0	NO	NO	NO TREND	YES
ACETONE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
ACETONE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
ACETONE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
ACETONE	FL-04	2	8	0	NO	NO	NO TREND	YES
ACETONE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
ACETONE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
ACETOPHENONE	FL-01	0	8	0	NO	NO	NO TREND	YES
ACETOPHENONE	FL-02	0	8	0	NO	NO	NO TREND	YES
ACETOPHENONE	FL-03	0	8	0	NO	NO	NO TREND	YES
ACETOPHENONE	FL-04	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
ACETOPHENONE	FL-05	0	8	0	NO	NO	NO TREND	YES
ACETOPHENONE	FL-06	0	8	0	NO	NO	NO TREND	YES
ALDICARB SULFONE	FL-01	0	7	0	NO	YES	UPWARD TREND	YES
ALDICARB SULFONE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
ALDICARB SULFONE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
ALDICARB SULFONE	FL-04	0	8	0	NO	YES	UPWARD TREND	YES
ALDICARB SULFONE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
ALDICARB SULFONE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
ALUMINUM	FL-01	1	8	0	NO	NO	NO TREND	YES
ALUMINUM	FL-02	8	8	6	NO	YES	UPWARD TREND	NO
ALUMINUM	FL-03	0	8	0	NO	NO	NO TREND	YES
ALUMINUM	FL-04	1	8	0	NO	NO	NO TREND	YES
ALUMINUM	FL-05	8	8	2	NO	NO	NO TREND	NO
ALUMINUM	FL-06	8	8	3	NO	NO	NO TREND	NO
AMMONIA-N	FL-01	7	8	0	NO	YES	DOWNWARD TREND	YES
AMMONIA-N	FL-02	8	8	0	NO	NO	NO TREND	YES
AMMONIA-N	FL-03	8	8	0	NO	YES	DOWNWARD TREND	YES
AMMONIA-N	FL-04	8	8	5	NO	NO	NO TREND	NO
AMMONIA-N	FL-05	8	8	0	NO	YES	UPWARD TREND	YES
AMMONIA-N	FL-06	7	8	0	NO	NO	NO TREND	YES
ANILINE	FL-01	0	8	0	NO	NO	NO TREND	YES
ANILINE	FL-02	0	8	0	NO	NO	NO TREND	YES
ANILINE	FL-03	0	8	0	NO	NO	NO TREND	YES
ANILINE	FL-04	1	8	0	NO	NO	NO TREND	YES
ANILINE	FL-05	0	8	0	NO	NO	NO TREND	YES
ANILINE	FL-06	0	8	0	NO	NO	NO TREND	YES
ANTHRACENE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
ANTHRACENE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
ANTHRACENE	FL-03	1	8	0	NO	NO	NO TREND	YES
ANTHRACENE	FL-04	2	8	0	NO	YES	UPWARD TREND	YES
ANTHRACENE	FL-05	1	8	0	NO	NO	NO TREND	YES
ANTHRACENE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
ANTIMONY	FL-01	4	8	0	NO	YES	DOWNWARD TREND	YES
ANTIMONY	FL-02	3	8	0	NO	NO	NO TREND	YES
ANTIMONY	FL-03	3	8	0	NO	NO	NO TREND	YES
ANTIMONY	FL-04	6	8	0	NO	NO	NO TREND	YES
ANTIMONY	FL-05	3	8	0	NO	NO	NO TREND	YES
ANTIMONY	FL-06	3	8	0	NO	NO	NO TREND	YES
AROCLOR-1254	FL-01	0	8	0	NO	NO	NO TREND	YES
AROCLOR-1254	FL-02	0	8	0	NO	NO	NO TREND	YES
AROCLOR-1254	FL-03	0	7	0	NO	NO	NO TREND	YES
AROCLOR-1254	FL-04	0	8	0	NO	YES	DOWNWARD TREND	YES
AROCLOR-1254	FL-05	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
AROCLOR-1254	FL-06	0	8	0	NO	NO	NO TREND	YES
ARSENIC	FL-01	3	8	0	NO	YES	DOWNWARD TREND	YES
ARSENIC	FL-02	8	8	1	NO	YES	DOWNWARD TREND	NO
ARSENIC	FL-03	7	8	0	NO	NO	NO TREND	YES
ARSENIC	FL-04	6	8	0	NO	NO	NO TREND	YES
ARSENIC	FL-05	7	8	0	NO	NO	NO TREND	YES
ARSENIC	FL-06	4	8	0	NO	NO	NO TREND	YES
BARIUM	FL-01	8	8	0	NO	YES	DOWNWARD TREND	YES
BARIUM	FL-02	8	8	0	NO	NO	NO TREND	YES
BARIUM	FL-03	8	8	0	NO	NO	NO TREND	YES
BARIUM	FL-04	8	8	0	NO	NO	NO TREND	YES
BARIUM	FL-05	8	8	0	NO	NO	NO TREND	YES
BARIUM	FL-06	8	8	0	NO	NO	NO TREND	YES
BENZALDEHYDE	FL-01	0	8	0	NO	NO	NO TREND	NA
BENZALDEHYDE	FL-02	0	8	0	NO	YES	DOWNWARD TREND	NA
BENZALDEHYDE	FL-03	1	8	0	NO	NO	NO TREND	NA
BENZALDEHYDE	FL-04	3	8	0	NO	NO	NO TREND	NA
BENZALDEHYDE	FL-05	1	8	0	NO	NO	NO TREND	NA
BENZALDEHYDE	FL-06	0	8	0	NO	NO	NO TREND	NA
BENZENE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
BENZENE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
BENZENE	FL-03	5	8	0	NO	YES	UPWARD TREND	YES
BENZENE	FL-04	8	8	0	NO	NO	NO TREND	YES

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
BENZENE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
BENZENE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
BENZO(A)ANTHRACENE	FL-01	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(A)ANTHRACENE	FL-02	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(A)ANTHRACENE	FL-03	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(A)ANTHRACENE	FL-04	1	8	0	NO	NO	NO TREND	NO
BENZO(A)ANTHRACENE	FL-05	1	8	0	NO	YES	UPWARD TREND[3]	NO
BENZO(A)ANTHRACENE	FL-06	1	8	0	NO	YES	UPWARD TREND[3]	NO
BENZO(A)PYRENE	FL-01	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(A)PYRENE	FL-02	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(A)PYRENE	FL-03	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(A)PYRENE	FL-04	1	8	1	NO	YES	UPWARD TREND[3]	NO
BENZO(A)PYRENE	FL-05	1	8	0	NO	YES	UPWARD TREND[3]	NO
BENZO(A)PYRENE	FL-06	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(B)FLUORANTHENE	FL-01	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(B)FLUORANTHENE	FL-02	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(B)FLUORANTHENE	FL-03	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(B)FLUORANTHENE	FL-04	1	8	1	NO	YES	UPWARD TREND[3]	NO
BENZO(B)FLUORANTHENE	FL-05	0	8	0	NO	NO	NO TREND	NO
BENZO(B)FLUORANTHENE	FL-06	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(K)FLUORANTHENE	FL-01	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(K)FLUORANTHENE	FL-02	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(K)FLUORANTHENE	FL-03	0	8	0	NO	YES	UPWARD TREND	NO
BENZO(K)FLUORANTHENE	FL-04	1	8	1	NO	YES	UPWARD TREND[3]	NO
BENZO(K)FLUORANTHENE	FL-05	0	8	0	NO	NO	NO TREND	NO
BENZO(K)FLUORANTHENE	FL-06	0	8	0	NO	YES	UPWARD TREND	NO
BERYLLIUM	FL-01	0	8	0	NO	NO	NO TREND	YES
BERYLLIUM	FL-02	4	8	0	NO	NO	NO TREND	YES
BERYLLIUM	FL-03	0	8	0	NO	NO	NO TREND	YES
BERYLLIUM	FL-04	0	8	0	NO	NO	NO TREND	YES
BERYLLIUM	FL-05	1	8	0	NO	NO	NO TREND	YES
BERYLLIUM	FL-06	2	8	0	NO	NO	NO TREND	YES
BIOCHEMICAL OXYGEN DEMAND	FL-01	2	8	0	NO	NO	NO TREND	NA
BIOCHEMICAL OXYGEN DEMAND	FL-02	0	8	0	NO	YES	UPWARD TREND	NA
BIOCHEMICAL OXYGEN DEMAND	FL-03	4	8	0	NO	NO	NO TREND	NA
BIOCHEMICAL OXYGEN DEMAND	FL-04	8	8	0	NO	NO	NO TREND	NA
BIOCHEMICAL OXYGEN DEMAND	FL-05	0	8	0	NO	YES	UPWARD TREND	NA
BIOCHEMICAL OXYGEN DEMAND	FL-06	4	8	0	NO	NO	NO TREND	NA
BIS(2-ETHYLHEXYL)PHTHALATE	FL-01	4	8	2	NO	YES	DOWNWARD TREND	NO
BIS(2-ETHYLHEXYL)PHTHALATE	FL-02	2	8	0	NO	YES	DOWNWARD TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	FL-03	3	8	0	NO	YES	DOWNWARD TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	FL-04	3	8	0	NO	NO	NO TREND	NO
BIS(2-ETHYLHEXYL)PHTHALATE	FL-05	2	8	0	NO	NO	NO TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	FL-06	1	8	0	NO	NO	NO TREND	YES
BUTYL BENZYL PHTHALATE	FL-01	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
BUTYL BENZYL PHTHALATE	FL-02	2	8	0	NO	NO	NO TREND	YES
BUTYL BENZYL PHTHALATE	FL-03	2	8	0	NO	YES	DOWNWARD TREND	YES
BUTYL BENZYL PHTHALATE	FL-04	2	8	0	NO	NO	NO TREND	YES
BUTYL BENZYL PHTHALATE	FL-05	2	8	0	NO	NO	NO TREND	YES
BUTYL BENZYL PHTHALATE	FL-06	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
CADMIUM	FL-01	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
CADMIUM	FL-02	4	8	0	NO	YES	DOWNWARD TREND	YES
CADMIUM	FL-03	0	8	0	NO	NO	NO TREND	YES
CADMIUM	FL-04	0	8	0	NO	NO	NO TREND	YES
CADMIUM	FL-05	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
CADMIUM	FL-06	3	8	0	NO	YES	DOWNWARD TREND	YES
CALCIUM	FL-01	8	8	0	NO	YES	UPWARD TREND	NA
CALCIUM	FL-02	8	8	0	NO	YES	UPWARD TREND	NA
CALCIUM	FL-03	8	8	0	NO	NO	NO TREND	NA
CALCIUM	FL-04	8	8	0	NO	NO	NO TREND	NA
CALCIUM	FL-05	8	8	0	NO	NO	NO TREND	NA
CALCIUM	FL-06	8	8	0	NO	NO	NO TREND	NA
CAPROLACTAM	FL-01	1	8	0	NO	NO	NO TREND	YES
CAPROLACTAM	FL-02	1	8	0	NO	NO	NO TREND	YES
CAPROLACTAM	FL-03	3	8	0	NO	YES	DOWNWARD TREND	YES
CAPROLACTAM	FL-04	2	8	0	NO	NO	NO TREND	YES
CAPROLACTAM	FL-05	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
CAPROLACTAM	FL-06	0	8	0	NO	NO	NO TREND	YES
CARBAZOLE	FL-01	1	8	0	NO	NO	NO TREND	YES
CARBAZOLE	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
CARBAZOLE	FL-03	0	8	0	NO	NO	NO TREND	YES
CARBAZOLE	FL-04	0	8	0	NO	NO	NO TREND	YES
CARBAZOLE	FL-05	0	8	0	NO	NO	NO TREND	YES
CARBAZOLE	FL-06	0	8	0	NO	NO	NO TREND	YES
CHEMICAL OXYGEN DEMAND	FL-01	5	7	0	NO	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	FL-02	5	7	0	NO	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	FL-03	7	8	0	NO	NO	NO TREND	NA

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
CHEMICAL OXYGEN DEMAND	FL-04	8	8	0	NO	YES	DOWNWARD TREND	NA
CHEMICAL OXYGEN DEMAND	FL-05	7	8	0	NO	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	FL-06	5	8	0	NO	NO	NO TREND	NA
CHLORIDE	FL-01	8	8	0	NO	YES	UPWARD TREND	YES
CHLORIDE	FL-02	8	8	0	NO	YES	UPWARD TREND	YES
CHLORIDE	FL-03	8	8	0	NO	NO	NO TREND	YES
CHLORIDE	FL-04	8	8	8	NO	NO	NO TREND	NO
CHLORIDE	FL-05	8	8	0	NO	NO	NO TREND	YES
CHLORIDE	FL-06	8	8	0	NO	NO	NO TREND	YES
CHLOROMETHANE	FL-01	1	8	1	NO	NO	NO TREND	NO
CHLOROMETHANE	FL-02	1	8	0	NO	YES	UPWARD TREND[3]	YES
CHLOROMETHANE	FL-03	1	8	0	NO	NO	NO TREND	YES
CHLOROMETHANE	FL-04	1	8	0	NO	NO	NO TREND	YES
CHLOROMETHANE	FL-05	1	8	0	NO	NO	NO TREND	YES
CHLOROMETHANE	FL-06	2	8	0	NO	YES	UPWARD TREND	YES
CHROMIUM	FL-01	1	8	0	NO	NO	NO TREND	YES
CHROMIUM	FL-02	7	8	0	NO	YES	UPWARD TREND	YES
CHROMIUM	FL-03	0	8	0	NO	NO	NO TREND	YES
CHROMIUM	FL-04	3	8	0	NO	NO	NO TREND	YES
CHROMIUM	FL-05	5	8	0	NO	NO	NO TREND	YES
CHROMIUM	FL-06	4	8	0	NO	NO	NO TREND	YES
CHRYSENE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
CHRYSENE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
CHRYSENE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
CHRYSENE	FL-04	0	8	0	NO	NO	NO TREND	YES
CHRYSENE	FL-05	1	8	0	NO	YES	UPWARD TREND[3]	YES
CHRYSENE	FL-06	1	8	0	NO	YES	UPWARD TREND[3]	YES
CIS-1,2-DICHLOROETHENE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
CIS-1,2-DICHLOROETHENE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
CIS-1,2-DICHLOROETHENE	FL-03	8	8	0	NO	YES	UPWARD TREND	YES
CIS-1,2-DICHLOROETHENE	FL-04	4	8	0	NO	YES	UPWARD TREND	YES
CIS-1,2-DICHLOROETHENE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
CIS-1,2-DICHLOROETHENE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
COBALT	FL-01	4	8	0	NO	YES	DOWNWARD TREND	YES
COBALT	FL-02	5	8	0	NO	NO	NO TREND	YES
COBALT	FL-03	8	8	0	NO	NO	NO TREND	YES
COBALT	FL-04	8	8	0	NO	NO	NO TREND	YES
COBALT	FL-05	5	8	0	NO	NO	NO TREND	YES
COBALT	FL-06	4	8	0	NO	NO	NO TREND	YES
COPPER	FL-01	4	8	0	NO	YES	DOWNWARD TREND	YES
COPPER	FL-02	6	8	0	NO	NO	NO TREND	YES
COPPER	FL-03	4	8	0	NO	YES	DOWNWARD TREND	YES
COPPER	FL-04	4	8	0	NO	NO	NO TREND	YES
COPPER	FL-05	5	8	0	NO	NO	NO TREND	YES
COPPER	FL-06	4	8	0	NO	NO	NO TREND	YES
CYANIDE	FL-01	0	8	0	NO	NO	NO TREND	YES
CYANIDE	FL-02	0	8	0	NO	NO	NO TREND	YES
CYANIDE	FL-03	0	8	0	NO	NO	NO TREND	YES
CYANIDE	FL-04	1	8	0	NO	NO	NO TREND	YES
CYANIDE	FL-05	0	8	0	NO	NO	NO TREND	YES
CYANIDE	FL-06	0	8	0	NO	NO	NO TREND	YES
DIBENZOFURAN	FL-01	1	8	0	NO	NO	NO TREND	NA
DIBENZOFURAN	FL-02	2	8	0	NO	NO	NO TREND	NA
DIBENZOFURAN	FL-03	0	8	0	NO	NO	NO TREND	NA
DIBENZOFURAN	FL-04	0	8	0	NO	NO	NO TREND	NA
DIBENZOFURAN	FL-05	0	8	0	NO	NO	NO TREND	NA
DIBENZOFURAN	FL-06	0	8	0	NO	NO	NO TREND	NA
DICHLORODIFLUOROMETHANE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
DICHLORODIFLUOROMETHANE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
DICHLORODIFLUOROMETHANE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
DICHLORODIFLUOROMETHANE	FL-04	5	8	0	NO	NO	NO TREND	YES
DICHLORODIFLUOROMETHANE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
DICHLORODIFLUOROMETHANE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
DIETHYL PHTHALATE	FL-01	0	8	0	NO	NO	NO TREND	YES
DIETHYL PHTHALATE	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
DIETHYL PHTHALATE	FL-03	0	8	0	NO	NO	NO TREND	YES
DIETHYL PHTHALATE	FL-04	1	8	0	NO	NO	NO TREND	YES
DIETHYL PHTHALATE	FL-05	0	8	0	NO	NO	NO TREND	YES
DIETHYL PHTHALATE	FL-06	0	8	0	NO	NO	NO TREND	YES
DIMETHYL PHTHALATE	FL-01	0	8	0	NO	NO	NO TREND	NA
DIMETHYL PHTHALATE	FL-02	0	8	0	NO	YES	DOWNWARD TREND	NA
DIMETHYL PHTHALATE	FL-03	0	8	0	NO	NO	NO TREND	NA
DIMETHYL PHTHALATE	FL-04	0	8	0	NO	NO	NO TREND	NA
DIMETHYL PHTHALATE	FL-05	0	8	0	NO	NO	NO TREND	NA
DIMETHYL PHTHALATE	FL-06	0	8	0	NO	NO	NO TREND	NA
DI-N-BUTYL PHTHALATE	FL-01	0	8	0	NO	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	FL-02	3	8	0	NO	NO	NO TREND	YES

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
DI-N-BUTYL PHTHALATE	FL-03	1	8	0	NO	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	FL-04	1	8	0	NO	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	FL-05	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
DI-N-BUTYL PHTHALATE	FL-06	1	8	0	NO	NO	NO TREND	YES
DI-N-OCTYL PHTHALATE	FL-01	0	8	0	NO	NO	NO TREND	YES
DI-N-OCTYL PHTHALATE	FL-02	3	8	0	NO	YES	DOWNWARD TREND	YES
DI-N-OCTYL PHTHALATE	FL-03	1	8	0	NO	NO	NO TREND	YES
DI-N-OCTYL PHTHALATE	FL-04	0	8	0	NO	NO	NO TREND	YES
DI-N-OCTYL PHTHALATE	FL-05	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
DI-N-OCTYL PHTHALATE	FL-06	2	8	0	NO	NO	NO TREND	YES
DINOSEB	FL-01	0	8	0	NO	NO	NO TREND	YES
DINOSEB	FL-02	0	8	0	NO	NO	NO TREND	YES
DINOSEB	FL-03	0	8	0	NO	NO	NO TREND	YES
DINOSEB	FL-04	1	8	0	NO	NO	NO TREND	NO
DINOSEB	FL-05	0	8	0	NO	NO	NO TREND	YES
DINOSEB	FL-06	0	8	0	NO	NO	NO TREND	YES
ENDOSULFAN I	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
ENDOSULFAN I	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
ENDOSULFAN I	FL-03	0	7	0	NO	YES	UPWARD TREND	YES
ENDOSULFAN I	FL-04	0	8	0	NO	YES	UPWARD TREND	YES
ENDOSULFAN I	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
ENDOSULFAN I	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
FLUORANTHENE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
FLUORANTHENE	FL-02	1	8	0	NO	YES	UPWARD TREND[3]	YES
FLUORANTHENE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
FLUORANTHENE	FL-04	1	8	0	NO	NO	NO TREND	YES
FLUORANTHENE	FL-05	1	8	0	NO	YES	UPWARD TREND[3]	YES
FLUORANTHENE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
FLUORENE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
FLUORENE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
FLUORENE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
FLUORENE	FL-04	2	8	0	NO	NO	NO TREND	YES
FLUORENE	FL-05	0	8	0	NO	NO	NO TREND	YES
FLUORENE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
FLUORIDE	FL-01	8	8	0	NO	NO	NO TREND	YES
FLUORIDE	FL-02	8	8	0	NO	YES	DOWNWARD TREND	YES
FLUORIDE	FL-03	8	8	0	NO	NO	NO TREND	YES
FLUORIDE	FL-04	8	8	0	NO	NO	NO TREND	YES
FLUORIDE	FL-05	8	8	0	NO	NO	NO TREND	YES
FLUORIDE	FL-06	8	8	0	NO	NO	NO TREND	YES
GAMMA-BHC (LINDANE)	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
GAMMA-BHC (LINDANE)	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
GAMMA-BHC (LINDANE)	FL-03	0	7	0	NO	YES	UPWARD TREND	YES
GAMMA-BHC (LINDANE)	FL-04	1	8	0	NO	YES	UPWARD TREND[3]	YES
GAMMA-BHC (LINDANE)	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
GAMMA-BHC (LINDANE)	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
GAMMA-CHLORDANE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
GAMMA-CHLORDANE	FL-02	0	7	0	NO	YES	UPWARD TREND	YES
GAMMA-CHLORDANE	FL-03	0	7	0	NO	YES	UPWARD TREND	YES
GAMMA-CHLORDANE	FL-04	0	8	0	NO	NO	NO TREND	YES
GAMMA-CHLORDANE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
GAMMA-CHLORDANE	FL-06	1	8	0	NO	YES	UPWARD TREND[3]	YES
HEXAVALENT CHROMIUM	FL-01	0	8	0	NO	NO	NO TREND	YES
HEXAVALENT CHROMIUM	FL-02	2	8	0	NO	NO	NO TREND	YES
HEXAVALENT CHROMIUM	FL-03	0	8	0	NO	NO	NO TREND	YES
HEXAVALENT CHROMIUM	FL-04	1	8	0	NO	NO	NO TREND	YES
HEXAVALENT CHROMIUM	FL-05	1	8	0	NO	NO	NO TREND	YES
HEXAVALENT CHROMIUM	FL-06	0	8	0	NO	NO	NO TREND	YES
INDENO(1,2,3-CD)PYRENE	FL-01	0	8	0	NO	YES	UPWARD TREND	NO
INDENO(1,2,3-CD)PYRENE	FL-02	0	8	0	NO	YES	UPWARD TREND	NO
INDENO(1,2,3-CD)PYRENE	FL-03	0	8	0	NO	YES	UPWARD TREND	NO
INDENO(1,2,3-CD)PYRENE	FL-04	1	8	1	NO	YES	UPWARD TREND[3]	NO
INDENO(1,2,3-CD)PYRENE	FL-05	0	8	0	NO	NO	NO TREND	NO
INDENO(1,2,3-CD)PYRENE	FL-06	0	8	0	NO	YES	UPWARD TREND	NO
IRON	FL-01	4	8	0	NO	NO	NO TREND	YES
IRON	FL-02	8	8	4	NO	YES	UPWARD TREND	NO
IRON	FL-03	8	8	6	NO	NO	NO TREND	NO
IRON	FL-04	8	8	8	NO	NO	NO TREND	NO
IRON	FL-05	8	8	2	NO	NO	NO TREND	NO
IRON	FL-06	8	8	3	NO	NO	NO TREND	NO
ISOPHORONE	FL-01	0	8	0	NO	NO	NO TREND	YES
ISOPHORONE	FL-02	0	8	0	NO	NO	NO TREND	YES
ISOPHORONE	FL-03	0	8	0	NO	NO	NO TREND	YES
ISOPHORONE	FL-04	1	8	0	NO	NO	NO TREND	YES
ISOPHORONE	FL-05	0	8	0	NO	NO	NO TREND	YES
ISOPHORONE	FL-06	0	8	0	NO	NO	NO TREND	YES
LEAD	FL-01	0	8	0	NO	NO	NO TREND	YES

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
LEAD	FL-02	6	8	0	NO	NO	NO TREND	YES
LEAD	FL-03	0	8	0	NO	NO	NO TREND	NO
LEAD	FL-04	0	8	0	NO	NO	NO TREND	NO
LEAD	FL-05	3	8	1	NO	NO	NO TREND	NO
LEAD	FL-06	4	8	0	NO	NO	NO TREND	YES
MAGNESIUM	FL-01	8	8	0	NO	YES	UPWARD TREND	NA
MAGNESIUM	FL-02	8	8	0	NO	YES	UPWARD TREND	NA
MAGNESIUM	FL-03	8	8	0	NO	YES	DOWNWARD TREND	NA
MAGNESIUM	FL-04	8	8	0	NO	NO	NO TREND	NA
MAGNESIUM	FL-05	8	8	0	NO	NO	NO TREND	NA
MAGNESIUM	FL-06	8	8	0	NO	NO	NO TREND	NA
MANGANESE	FL-01	8	8	0	NO	NO	NO TREND	YES
MANGANESE	FL-02	8	8	1	NO	NO	NO TREND	NO
MANGANESE	FL-03	8	8	1	NO	YES	DOWNWARD TREND	YES
MANGANESE	FL-04	8	8	2	NO	YES	DOWNWARD TREND	YES
MANGANESE	FL-05	8	8	1	NO	NO	NO TREND	NO
MANGANESE	FL-06	8	8	5	NO	NO	NO TREND	NO
MERCURY	FL-01	0	8	0	NO	NO	NO TREND	YES
MERCURY	FL-02	0	8	0	NO	NO	NO TREND	YES
MERCURY	FL-03	0	8	0	NO	NO	NO TREND	YES
MERCURY	FL-04	0	8	0	NO	NO	NO TREND	YES
MERCURY	FL-05	1	8	0	NO	NO	NO TREND	YES
MERCURY	FL-06	0	8	0	NO	NO	NO TREND	YES
METHYLENE CHLORIDE	FL-01	1	8	0	NO	NO	NO TREND	YES
METHYLENE CHLORIDE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
METHYLENE CHLORIDE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
METHYLENE CHLORIDE	FL-04	0	8	0	NO	YES	UPWARD TREND	YES
METHYLENE CHLORIDE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
METHYLENE CHLORIDE	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
NAPHTHALENE	FL-01	2	8	0	NO	YES	UPWARD TREND	YES
NAPHTHALENE	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
NAPHTHALENE	FL-03	1	8	0	NO	YES	UPWARD TREND[3]	YES
NAPHTHALENE	FL-04	3	8	0	NO	NO	NO TREND	YES
NAPHTHALENE	FL-05	2	8	0	NO	YES	UPWARD TREND	YES
NAPHTHALENE	FL-06	2	8	0	NO	NO	NO TREND	YES
NICKEL	FL-01	4	8	0	NO	YES	UPWARD TREND	YES
NICKEL	FL-02	6	8	0	NO	YES	UPWARD TREND	YES
NICKEL	FL-03	8	8	0	NO	YES	UPWARD TREND	YES
NICKEL	FL-04	8	8	0	NO	NO	NO TREND	YES
NICKEL	FL-05	5	8	0	NO	NO	NO TREND	YES
NICKEL	FL-06	5	8	0	NO	NO	NO TREND	YES
NITRATE	FL-01	4	4	0	NO	NO	NO TREND	YES
NITRATE	FL-02	1	4	0	NO	NO	NO TREND	YES
NITRATE	FL-03	1	4	0	NO	NO	NO TREND	YES
NITRATE	FL-04	2	4	0	NO	NO	NO TREND	YES
NITRATE	FL-05	2	4	0	NO	NO	NO TREND	YES
NITRATE	FL-06	4	4	0	NO	NO	NO TREND	YES
NITRATE-N	FL-01	4	4	0	NO	NO	NO TREND	YES
NITRATE-N	FL-02	2	4	0	NO	NO	NO TREND	YES
NITRATE-N	FL-03	1	4	0	NO	NO	NO TREND	YES
NITRATE-N	FL-04	1	4	0	NO	NO	NO TREND	YES
NITRATE-N	FL-05	2	4	0	NO	NO	NO TREND	YES
NITRATE-N	FL-06	2	4	0	NO	NO	NO TREND	YES
NITRITE_NITRATE-N	FL-01	3	4	0	NO	NO	NO TREND	YES
NITRITE_NITRATE-N	FL-02	1	4	0	NO	NO	NO TREND	YES
NITRITE_NITRATE-N	FL-03	0	4	0	NO	NO	NO TREND	YES
NITRITE_NITRATE-N	FL-04	0	4	0	NO	NO	NO TREND	YES
NITRITE_NITRATE-N	FL-05	1	4	0	NO	NO	NO TREND	YES
NITRITE_NITRATE-N	FL-06	2	4	0	NO	NO	NO TREND	YES
NITRITE-N	FL-01	1	4	0	NO	NO	NO TREND	YES
NITRITE-N	FL-02	3	4	0	NO	NO	NO TREND	YES
NITRITE-N	FL-03	2	4	0	NO	NO	NO TREND	YES
NITRITE-N	FL-04	2	4	0	NO	NO	NO TREND	YES
NITRITE-N	FL-05	2	4	0	NO	NO	NO TREND	YES
NITRITE-N	FL-06	4	4	0	NO	NO	NO TREND	YES
OIL & GREASE - HEM	FL-01	0	8	0	NO	NO	NO TREND	NA
OIL & GREASE - HEM	FL-02	1	8	0	NO	NO	NO TREND	NA
OIL & GREASE - HEM	FL-03	0	8	0	NO	NO	NO TREND	NA
OIL & GREASE - HEM	FL-04	0	8	0	NO	NO	NO TREND	NA
OIL & GREASE - HEM	FL-05	0	8	0	NO	NO	NO TREND	NA
OIL & GREASE - HEM	FL-06	0	8	0	NO	NO	NO TREND	NA
PENTACHLOROPHENOL	FL-01	1	8	0	NO	NO	NO TREND	NO
PENTACHLOROPHENOL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	NO
PENTACHLOROPHENOL	FL-03	1	8	0	NO	YES	DOWNWARD TREND[3]	NO
PENTACHLOROPHENOL	FL-04	2	8	0	NO	NO	NO TREND	NO
PENTACHLOROPHENOL	FL-05	1	8	0	NO	NO	NO TREND	NO
PENTACHLOROPHENOL	FL-06	0	8	0	NO	NO	NO TREND	NO

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
PH	FL-01	7	7	0	NO	NO	NO TREND	YES
PH	FL-02	8	8	1	NO	NO	NO TREND	NO
PH	FL-03	8	8	0	NO	NO	NO TREND	YES
PH	FL-04	8	8	0	NO	NO	NO TREND	YES
PH	FL-05	8	8	0	NO	NO	NO TREND	YES
PH	FL-06	8	8	0	NO	NO	NO TREND	YES
PHENANTHRENE	FL-01	0	8	0	NO	YES	UPWARD TREND	NA
PHENANTHRENE	FL-02	4	8	0	NO	YES	UPWARD TREND	NA
PHENANTHRENE	FL-03	1	8	0	NO	NO	NO TREND	NA
PHENANTHRENE	FL-04	2	8	0	NO	YES	UPWARD TREND	NA
PHENANTHRENE	FL-05	1	8	0	NO	YES	UPWARD TREND[3]	NA
PHENANTHRENE	FL-06	1	8	0	NO	NO	NO TREND	NA
PHENOL	FL-01	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
PHENOL	FL-02	0	8	0	NO	YES	DOWNWARD TREND	YES
PHENOL	FL-03	0	8	0	NO	NO	NO TREND	YES
PHENOL	FL-04	0	8	0	NO	NO	NO TREND	YES
PHENOL	FL-05	0	8	0	NO	NO	NO TREND	YES
PHENOL	FL-06	0	8	0	NO	NO	NO TREND	YES
POTASSIUM	FL-01	8	8	0	NO	NO	NO TREND	NA
POTASSIUM	FL-02	8	8	0	NO	YES	UPWARD TREND	NA
POTASSIUM	FL-03	8	8	0	NO	YES	DOWNWARD TREND	NA
POTASSIUM	FL-04	8	8	0	NO	NO	NO TREND	NA
POTASSIUM	FL-05	8	8	0	NO	NO	NO TREND	NA
POTASSIUM	FL-06	8	8	0	NO	NO	NO TREND	NA
PYRENE	FL-01	0	8	0	NO	YES	UPWARD TREND	YES
PYRENE	FL-02	1	8	0	NO	YES	UPWARD TREND[3]	YES
PYRENE	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
PYRENE	FL-04	1	8	0	NO	YES	UPWARD TREND[3]	YES
PYRENE	FL-05	0	8	0	NO	NO	NO TREND	YES
PYRENE	FL-06	1	8	0	NO	YES	UPWARD TREND[3]	YES
SELENIUM	FL-01	6	8	0	NO	YES	DOWNWARD TREND	YES
SELENIUM	FL-02	1	8	0	NO	NO	NO TREND	YES
SELENIUM	FL-03	6	8	0	NO	NO	NO TREND	YES
SELENIUM	FL-04	6	8	0	NO	NO	NO TREND	YES
SELENIUM	FL-05	6	8	0	NO	YES	DOWNWARD TREND	YES
SELENIUM	FL-06	5	8	0	NO	YES	DOWNWARD TREND	YES
SILVER	FL-01	0	8	0	NO	NO	NO TREND	YES
SILVER	FL-02	0	8	0	NO	NO	NO TREND	YES
SILVER	FL-03	0	8	0	NO	NO	NO TREND	YES
SILVER	FL-04	0	8	0	NO	NO	NO TREND	YES
SILVER	FL-05	1	8	0	NO	YES	DOWNWARD TREND[3]	YES
SILVER	FL-06	0	8	0	NO	NO	NO TREND	YES
SODIUM	FL-01	8	8	0	NO	NO	NO TREND	NA
SODIUM	FL-02	8	8	0	NO	NO	NO TREND	NA
SODIUM	FL-03	8	8	0	NO	NO	NO TREND	NA
SODIUM	FL-04	8	8	0	NO	NO	NO TREND	NA
SODIUM	FL-05	8	8	0	NO	NO	NO TREND	NA
SODIUM	FL-06	8	8	0	NO	YES	DOWNWARD TREND	NA
SULFATE	FL-01	8	8	8	NO	YES	UPWARD TREND	NO
SULFATE	FL-02	8	8	0	NO	YES	UPWARD TREND	YES
SULFATE	FL-03	8	8	0	NO	NO	NO TREND	YES
SULFATE	FL-04	8	8	0	NO	NO	NO TREND	YES
SULFATE	FL-05	8	8	0	NO	NO	NO TREND	YES
SULFATE	FL-06	8	8	6	NO	NO	NO TREND	NO
TETRAHYDROFURAN	FL-01	0	6	0	NO	NO	NO TREND	NA
TETRAHYDROFURAN	FL-02	0	6	0	NO	NO	NO TREND	NA
TETRAHYDROFURAN	FL-03	2	7	0	NO	NO	NO TREND	NA
TETRAHYDROFURAN	FL-04	4	8	0	NO	NO	NO TREND	NA
TETRAHYDROFURAN	FL-05	0	6	0	NO	NO	NO TREND	NA
TETRAHYDROFURAN	FL-06	0	6	0	NO	NO	NO TREND	NA
THALLIUM	FL-01	1	8	0	NO	NO	NO TREND	YES
THALLIUM	FL-02	4	8	0	NO	NO	NO TREND	YES
THALLIUM	FL-03	4	8	0	NO	NO	NO TREND	YES
THALLIUM	FL-04	3	8	0	NO	NO	NO TREND	YES
THALLIUM	FL-05	3	8	0	NO	NO	NO TREND	YES
THALLIUM	FL-06	8	8	0	NO	NO	NO TREND	YES
TOLUENE	FL-01	1	8	0	NO	NO	NO TREND	YES
TOLUENE	FL-02	1	8	0	NO	NO	NO TREND	YES
TOLUENE	FL-03	1	8	0	NO	NO	NO TREND	YES
TOLUENE	FL-04	1	8	0	NO	NO	NO TREND	YES
TOLUENE	FL-05	0	8	0	NO	YES	UPWARD TREND	YES
TOLUENE	FL-06	1	8	0	NO	NO	NO TREND	YES
TOTAL DISSOLVED SOLIDS	FL-01	8	8	8	NO	YES	UPWARD TREND	NO
TOTAL DISSOLVED SOLIDS	FL-02	8	8	0	NO	YES	UPWARD TREND	YES
TOTAL DISSOLVED SOLIDS	FL-03	8	8	8	NO	NO	NO TREND	NO
TOTAL DISSOLVED SOLIDS	FL-04	8	8	8	NO	NO	NO TREND	NO
TOTAL DISSOLVED SOLIDS	FL-05	8	8	6	NO	NO	NO TREND	NO

Attachment A.2
Site 2 Forrestal Landfill
Trend Analysis

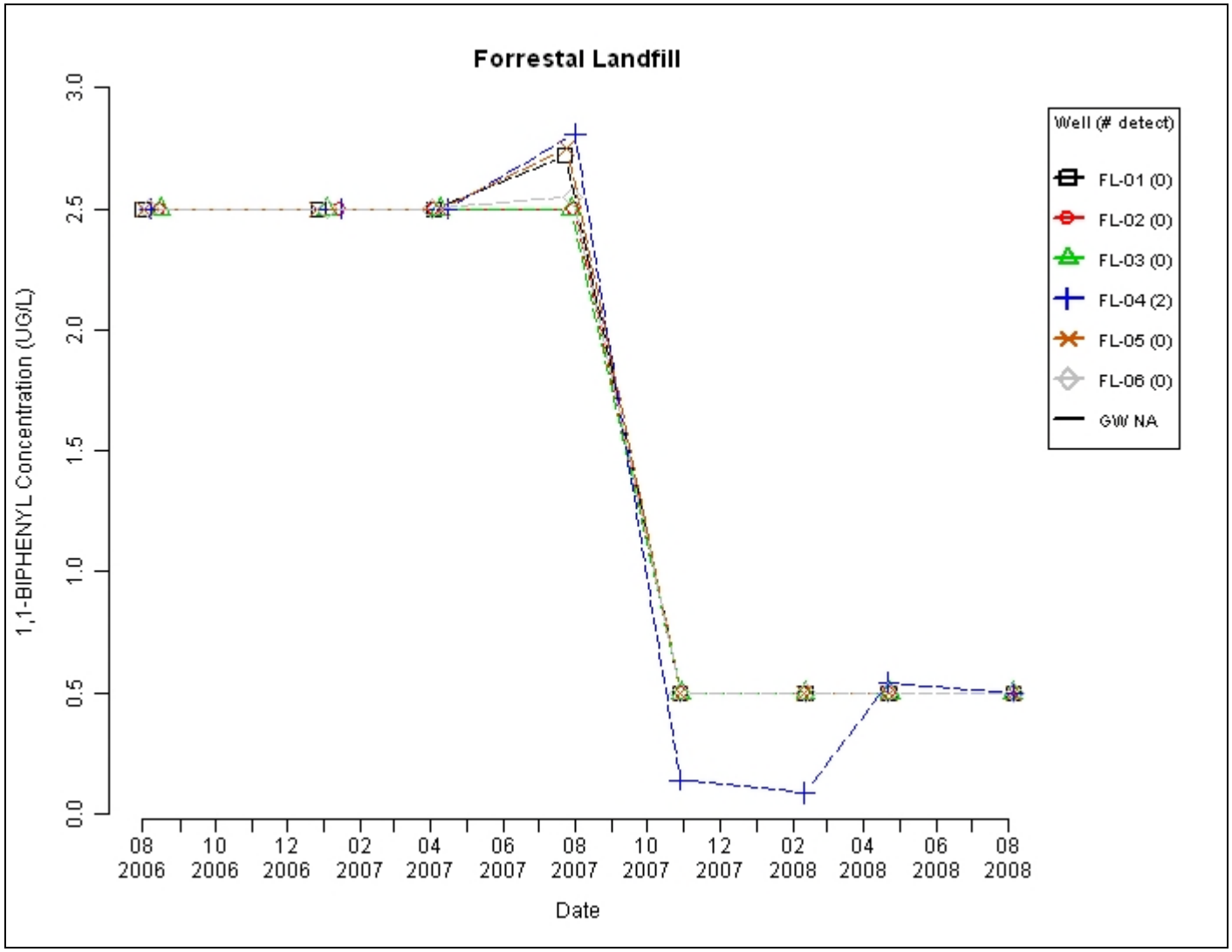
PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	SEASONALITY	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria [2]
TOTAL DISSOLVED SOLIDS	FL-06	8	8	8	NO	NO	NO TREND	NO
TOTAL ESSENTIAL NUTRIENTS	FL-01	8	8	0	NO	YES	UPWARD TREND	YES
TOTAL ESSENTIAL NUTRIENTS	FL-02	8	8	0	NO	YES	UPWARD TREND	YES
TOTAL ESSENTIAL NUTRIENTS	FL-03	8	8	0	NO	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	FL-04	8	8	0	NO	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	FL-05	8	8	0	NO	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	FL-06	8	8	0	NO	NO	NO TREND	YES
TOTAL ORGANIC CARBON	FL-01	6	8	0	NO	NO	NO TREND	NA
TOTAL ORGANIC CARBON	FL-02	6	8	0	NO	NO	NO TREND	NA
TOTAL ORGANIC CARBON	FL-03	7	8	0	NO	YES	DOWNWARD TREND	NA
TOTAL ORGANIC CARBON	FL-04	8	8	0	NO	NO	NO TREND	NA
TOTAL ORGANIC CARBON	FL-05	8	8	0	NO	NO	NO TREND	NA
TOTAL ORGANIC CARBON	FL-06	8	8	0	NO	NO	NO TREND	NA
TOTAL PHENOLICS	FL-01	1	8	0	NO	NO	NO TREND	YES
TOTAL PHENOLICS	FL-02	0	8	0	NO	YES	UPWARD TREND	YES
TOTAL PHENOLICS	FL-03	0	8	0	NO	YES	UPWARD TREND	YES
TOTAL PHENOLICS	FL-04	4	8	0	NO	NO	NO TREND	YES
TOTAL PHENOLICS	FL-05	1	8	0	NO	NO	NO TREND	YES
TOTAL PHENOLICS	FL-06	0	8	0	NO	YES	UPWARD TREND	YES
TOTAL PHOSPHORUS	FL-01	4	7	0	NO	NO	NO TREND	NA
TOTAL PHOSPHORUS	FL-02	6	8	0	NO	NO	NO TREND	NA
TOTAL PHOSPHORUS	FL-03	3	7	0	NO	YES	UPWARD TREND	NA
TOTAL PHOSPHORUS	FL-04	7	8	0	NO	YES	UPWARD TREND	NA
TOTAL PHOSPHORUS	FL-05	6	8	0	NO	NO	NO TREND	NA
TOTAL PHOSPHORUS	FL-06	5	8	0	NO	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	FL-01	2	8	0	NO	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	FL-02	7	8	0	NO	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	FL-03	8	8	0	NO	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	FL-04	8	8	0	NO	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	FL-05	7	8	0	NO	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	FL-06	7	8	0	NO	YES	UPWARD TREND	NA
VANADIUM	FL-01	3	8	0	NO	YES	DOWNWARD TREND	NO
VANADIUM	FL-02	6	8	0	NO	NO	NO TREND	YES
VANADIUM	FL-03	1	8	0	NO	NO	NO TREND	NO
VANADIUM	FL-04	5	8	0	NO	NO	NO TREND	NO
VANADIUM	FL-05	5	8	1	NO	NO	NO TREND	NO
VANADIUM	FL-06	5	8	0	NO	NO	NO TREND	NO
ZINC	FL-01	1	8	0	NO	NO	NO TREND	YES
ZINC	FL-02	6	8	0	NO	NO	NO TREND	YES
ZINC	FL-03	1	8	0	NO	NO	NO TREND	YES
ZINC	FL-04	1	8	0	NO	NO	NO TREND	YES
ZINC	FL-05	2	8	0	NO	NO	NO TREND	YES
ZINC	FL-06	2	8	0	NO	NO	NO TREND	YES

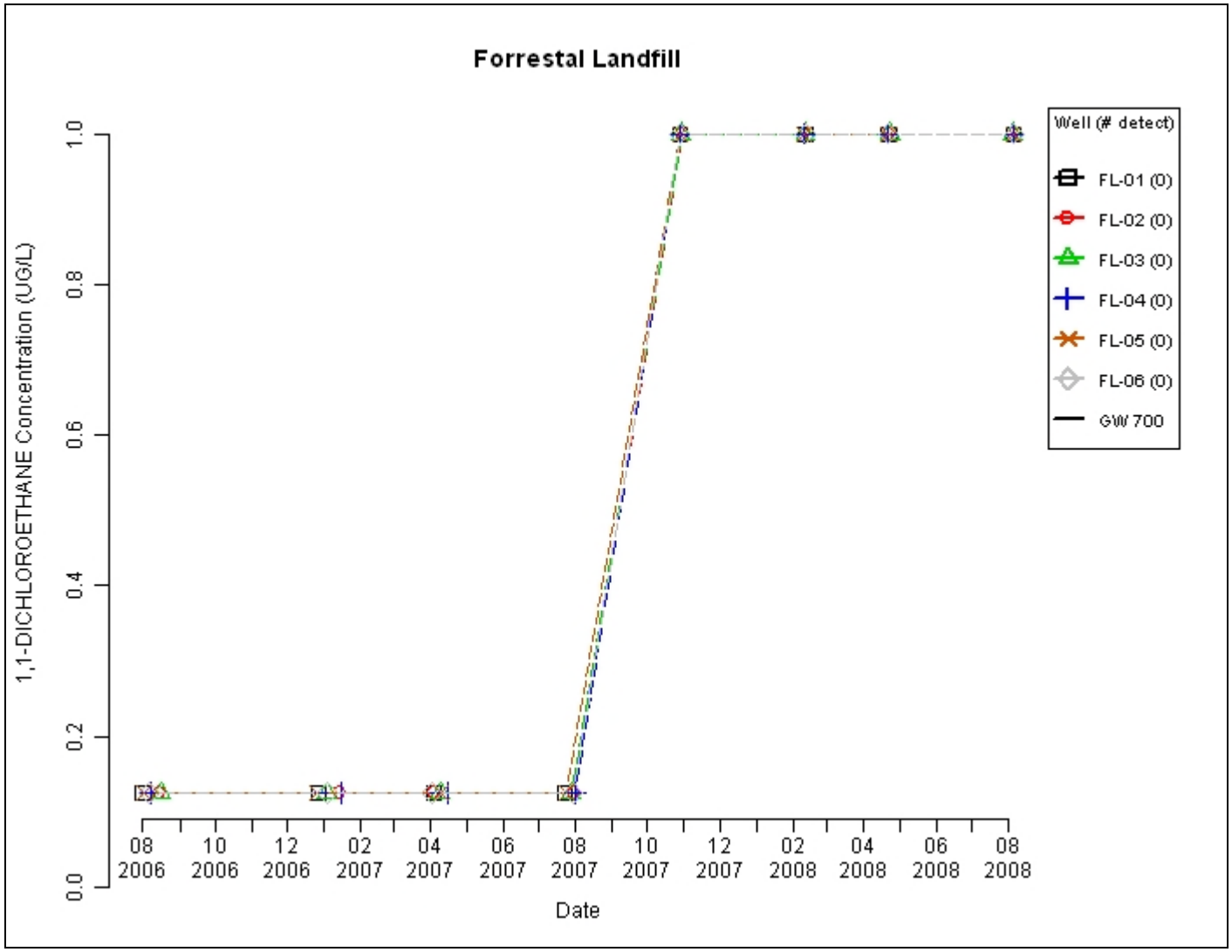
Footnotes

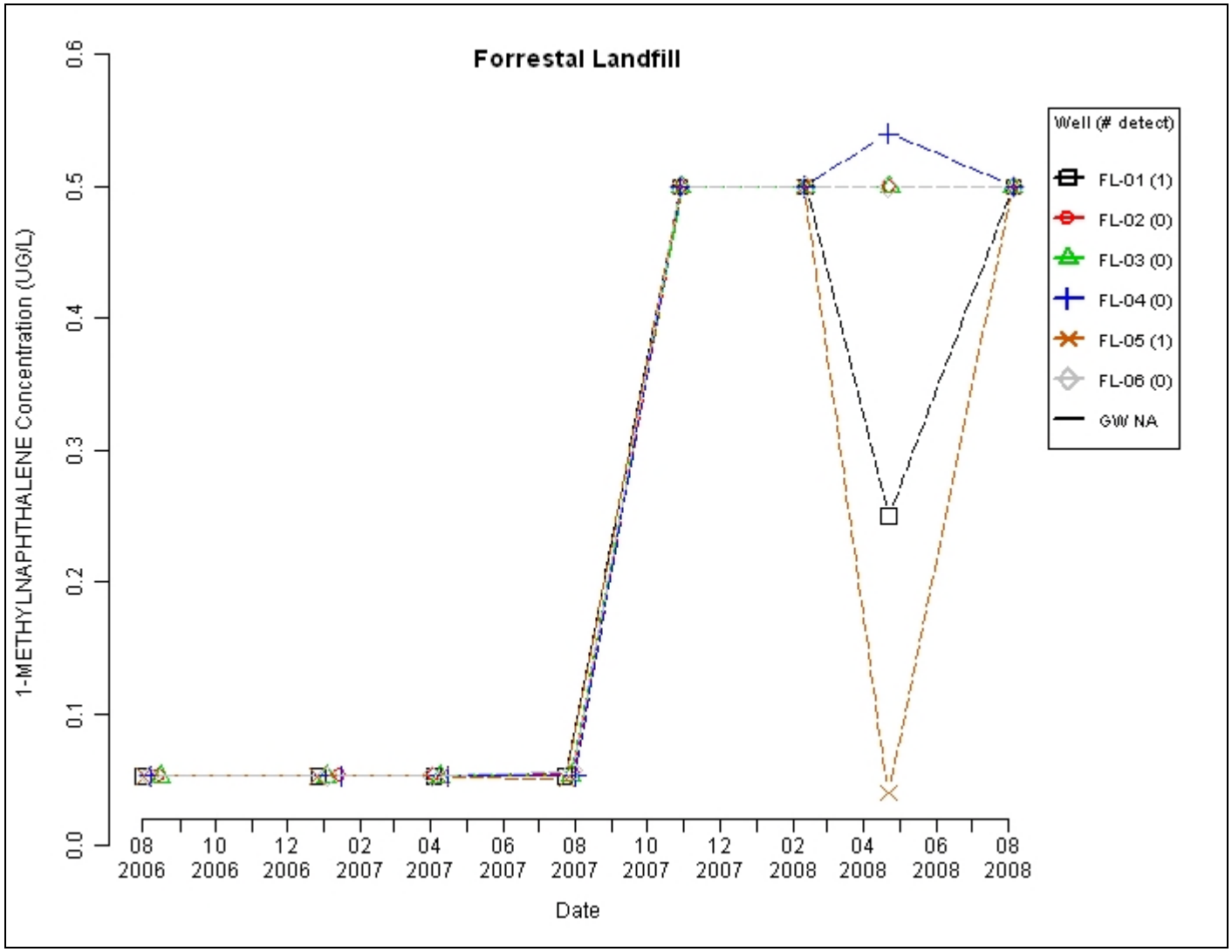
[1] Does not include nondetected results

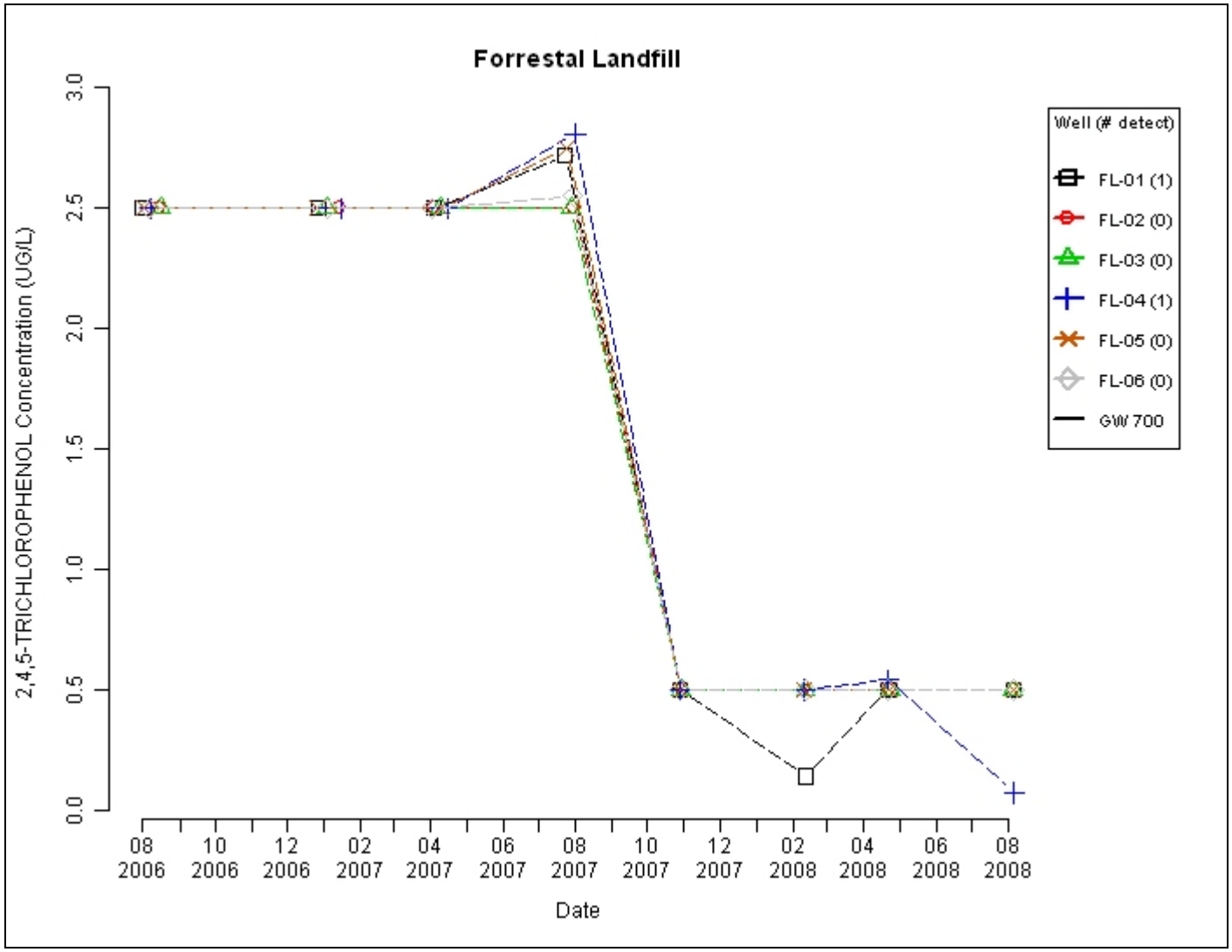
[2] Includes nondetected results

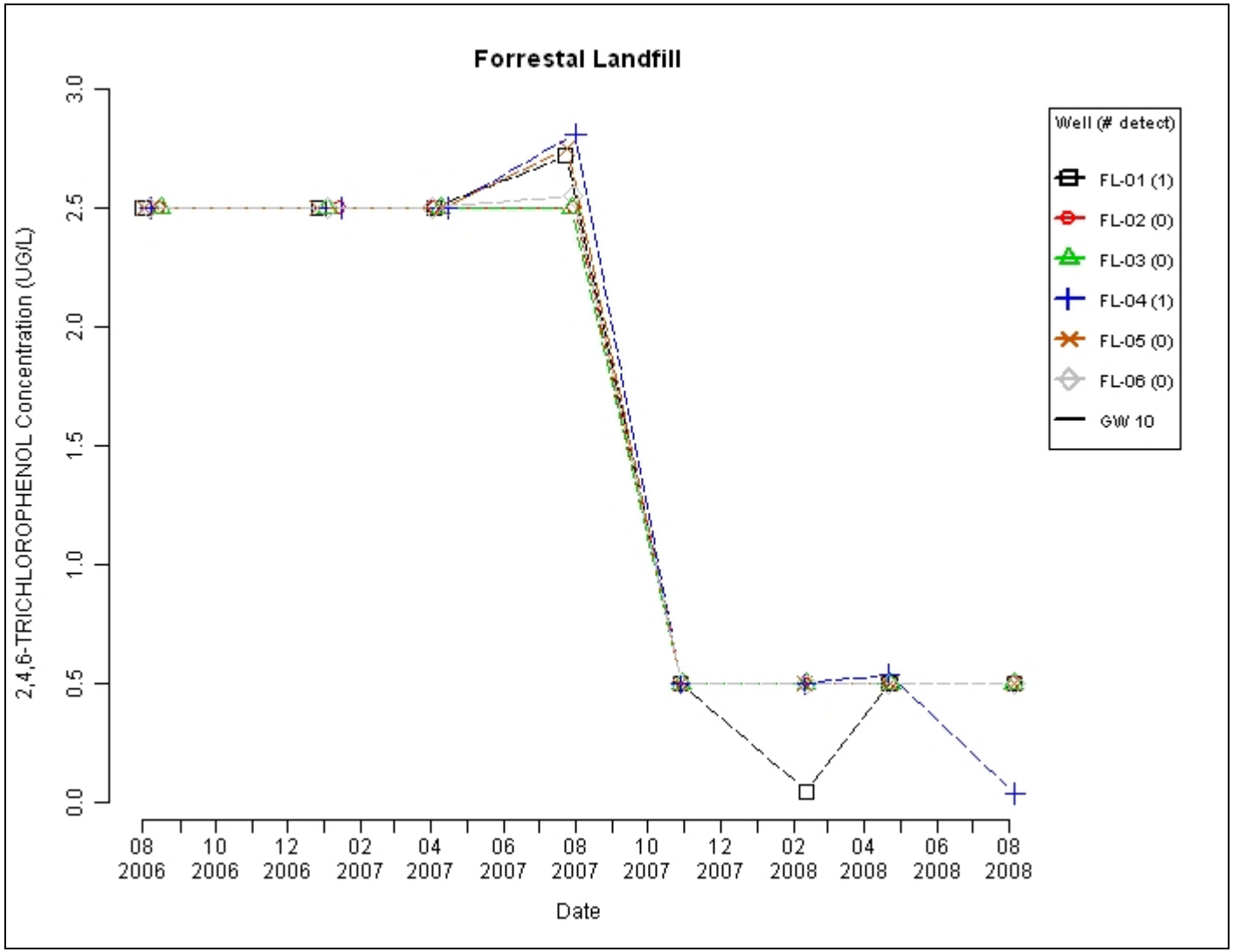
[3] Only one detected result

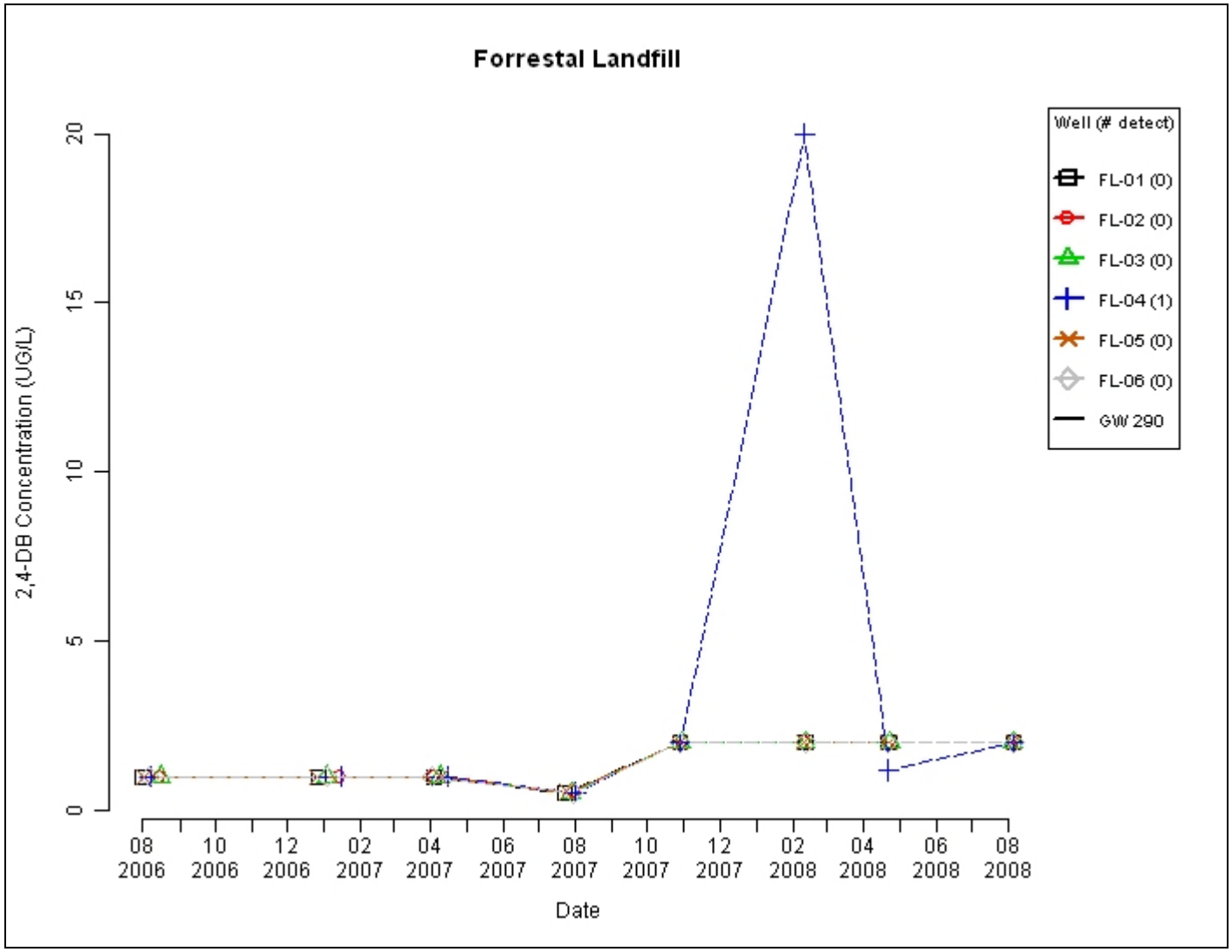

Forrestal Landfill
1,1-BIPHENYL Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (2)
FL-05 (0)
FL-06 (0)
GW NA

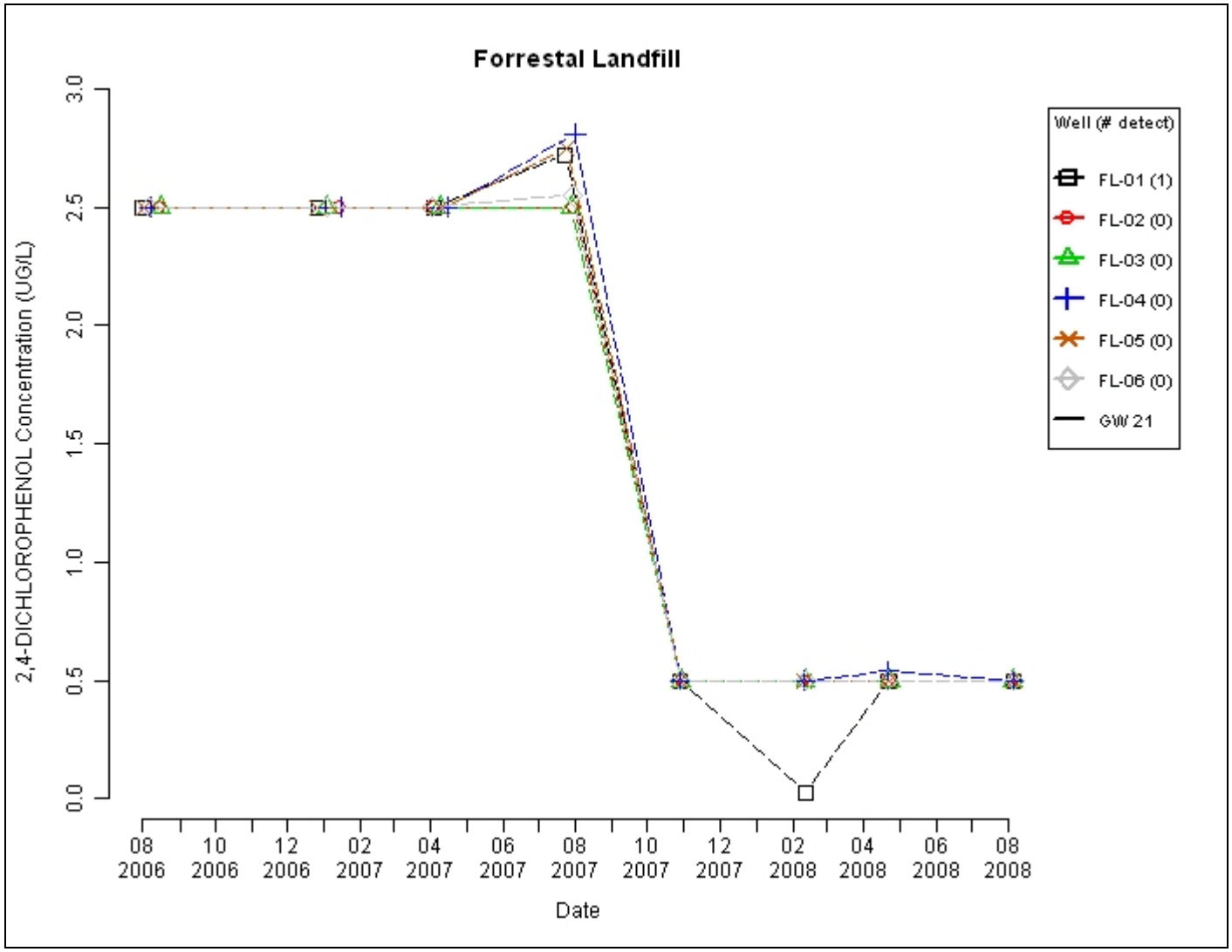

Forrestal Landfill
1,1-DICHLOROETHANE Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 700

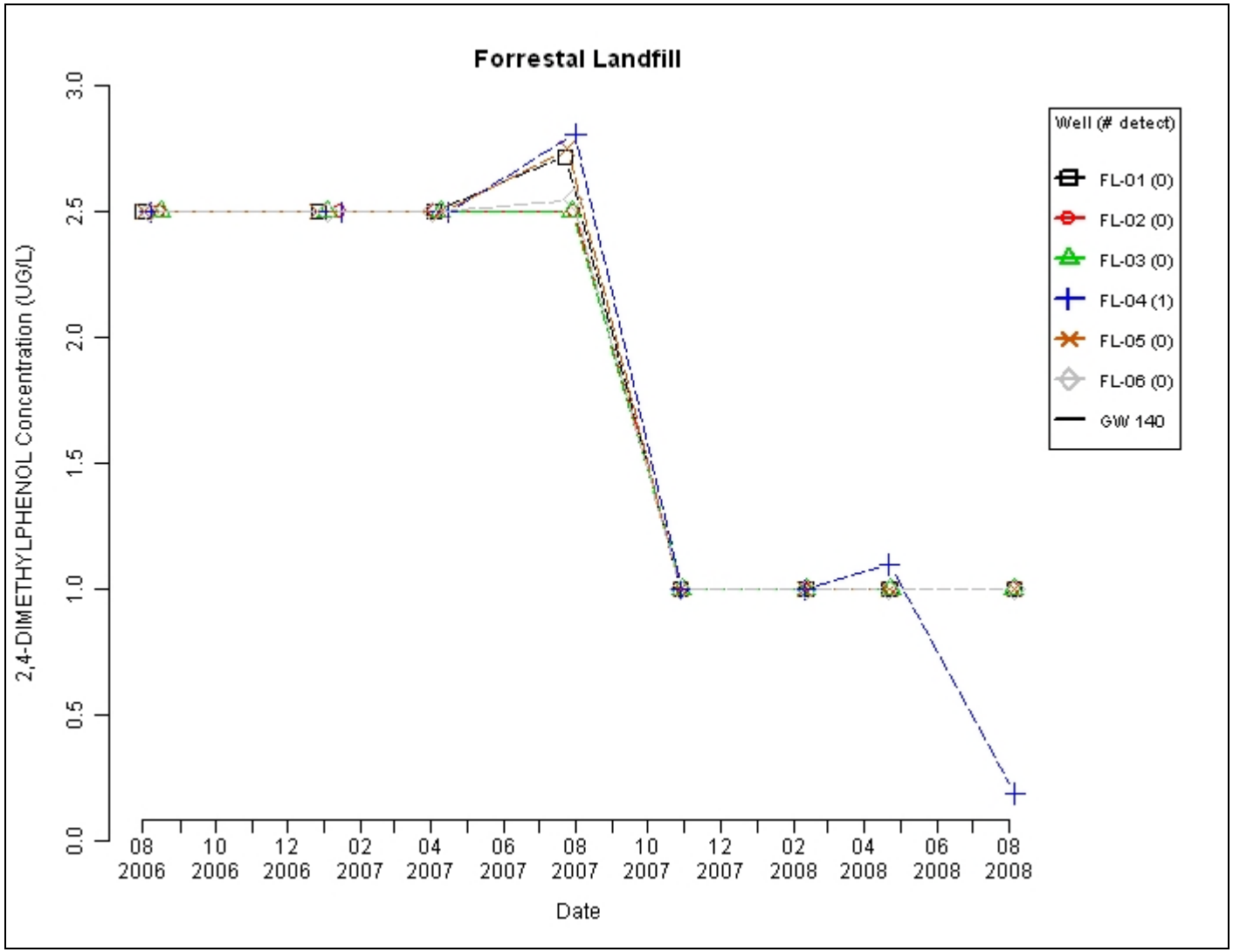

Forrestal Landfill
1-METHYLNAPHTHALENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (0)
GW NA

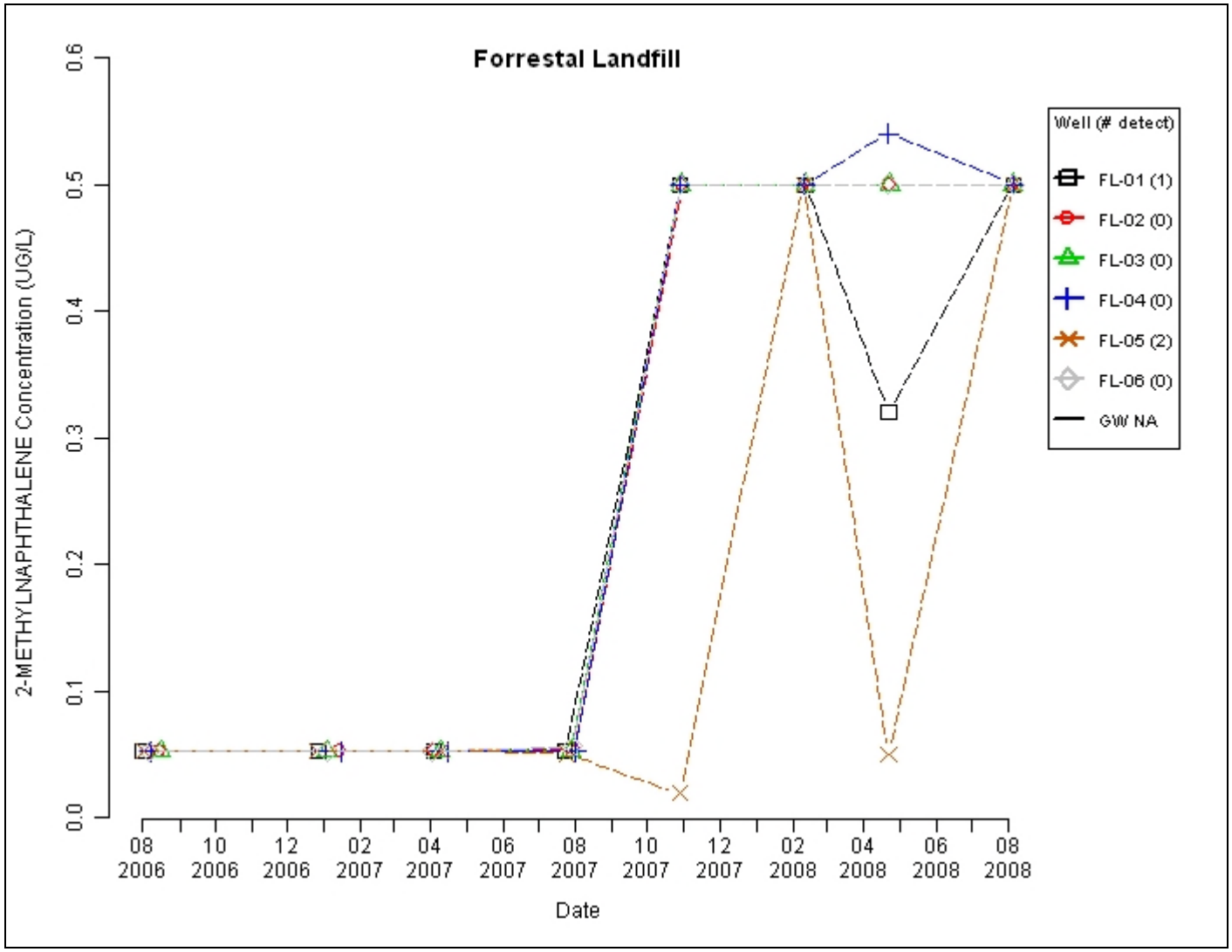

Forrestal Landfill
2,4,5-TRICHLOROPHENOL Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 700

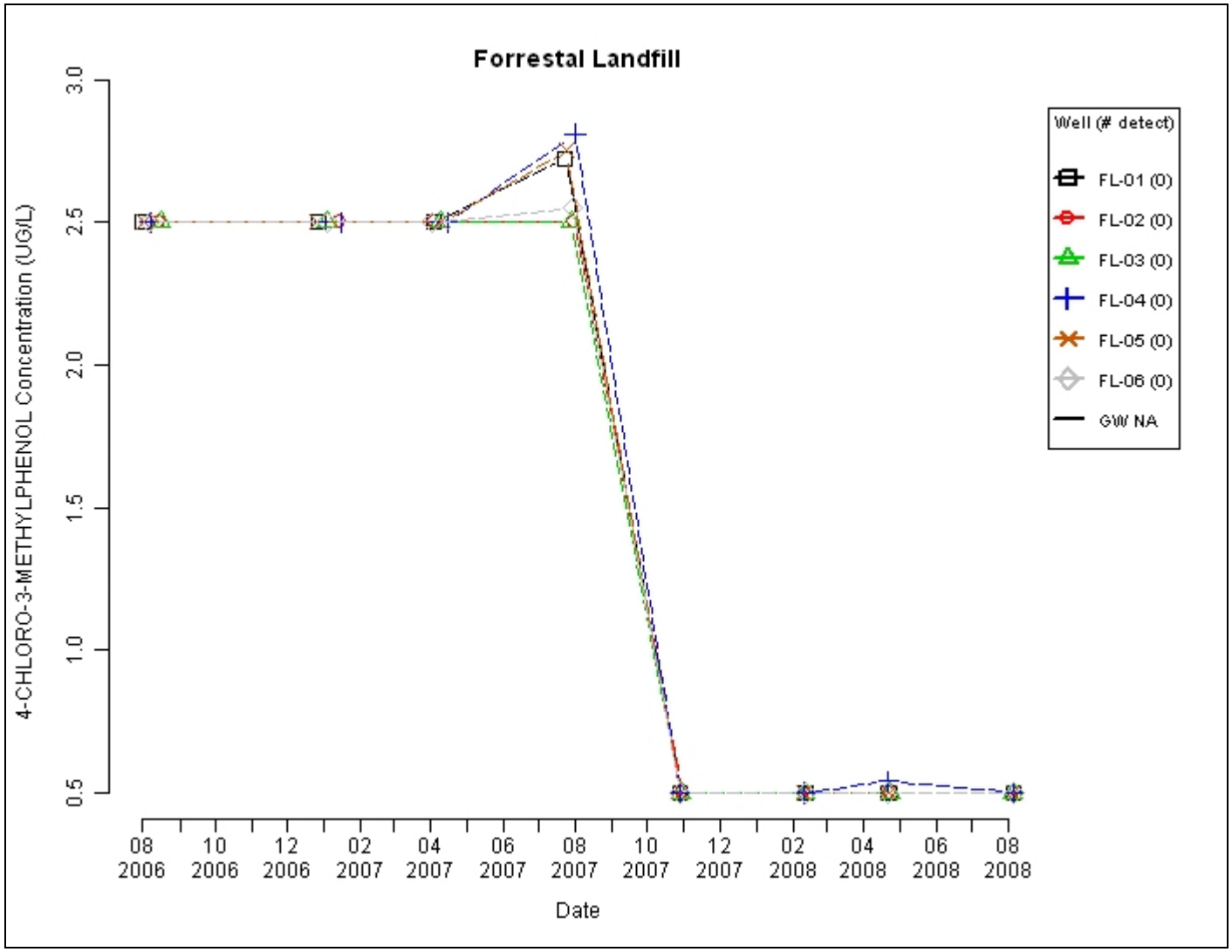

Forrestal Landfill
2,4,6-TRICHLOROPHENOL Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 10

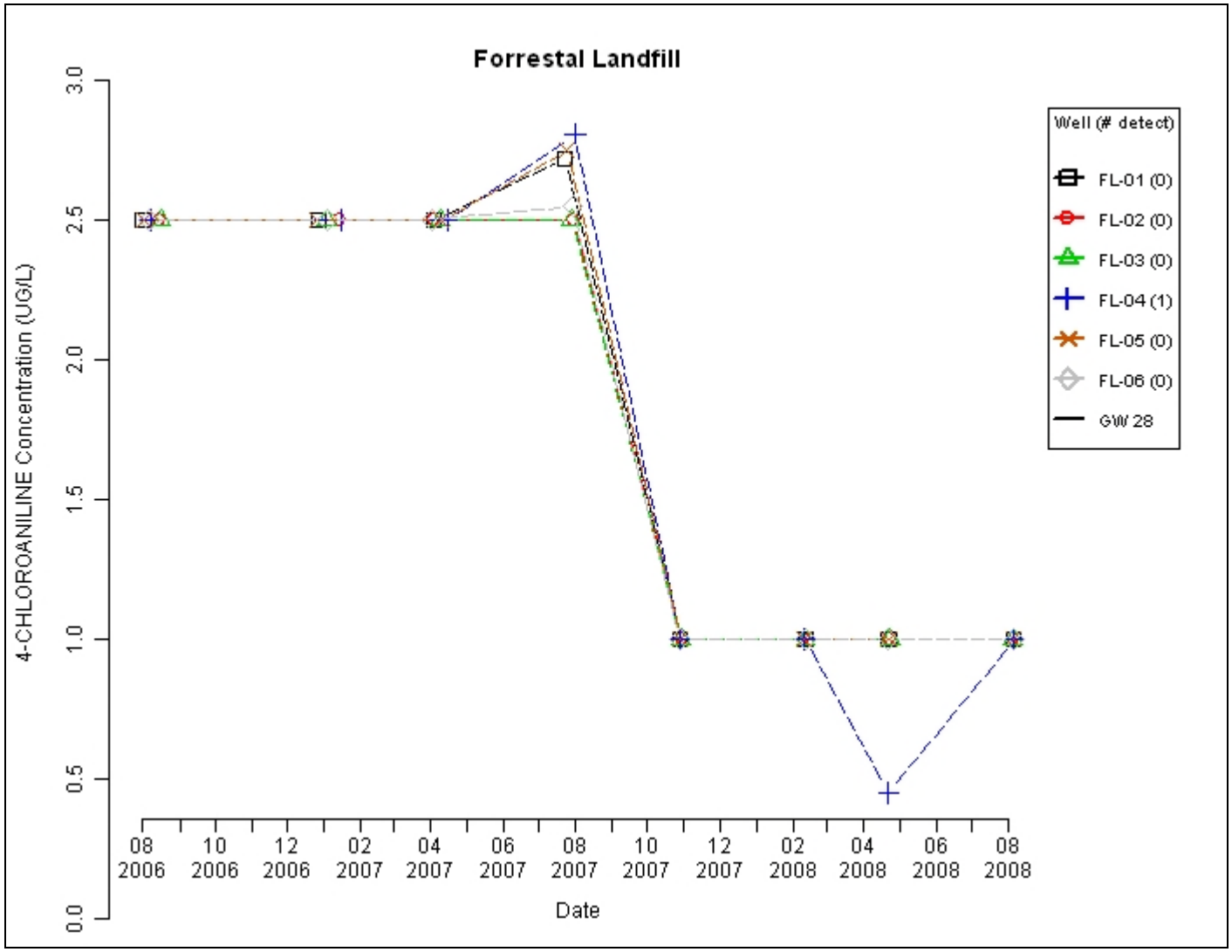

Forrestal Landfill
2,4-DB Concentration (UG/L)
0
5
10
15
20
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 290

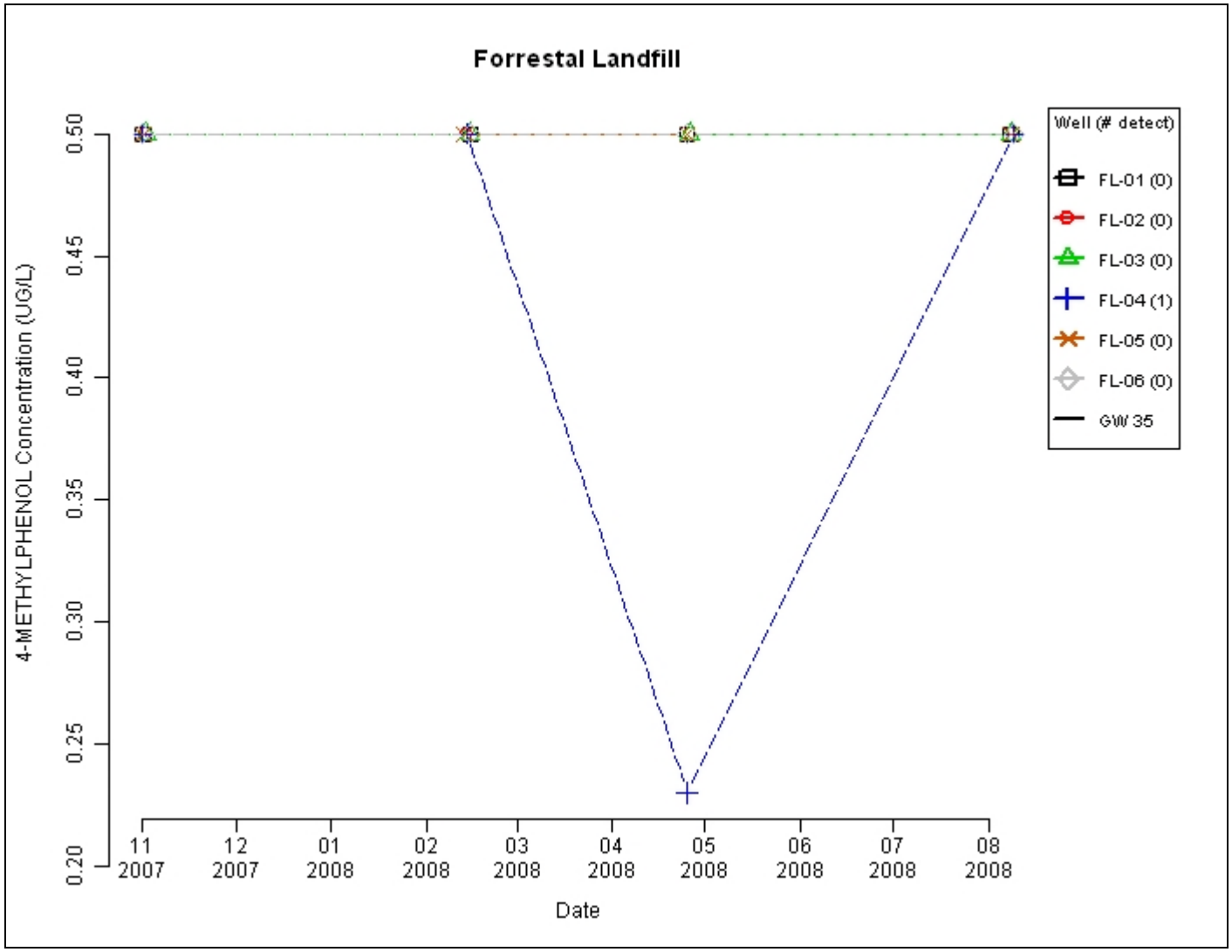

Forrestal Landfill
2,4-DICHLOROPHENOL Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 21

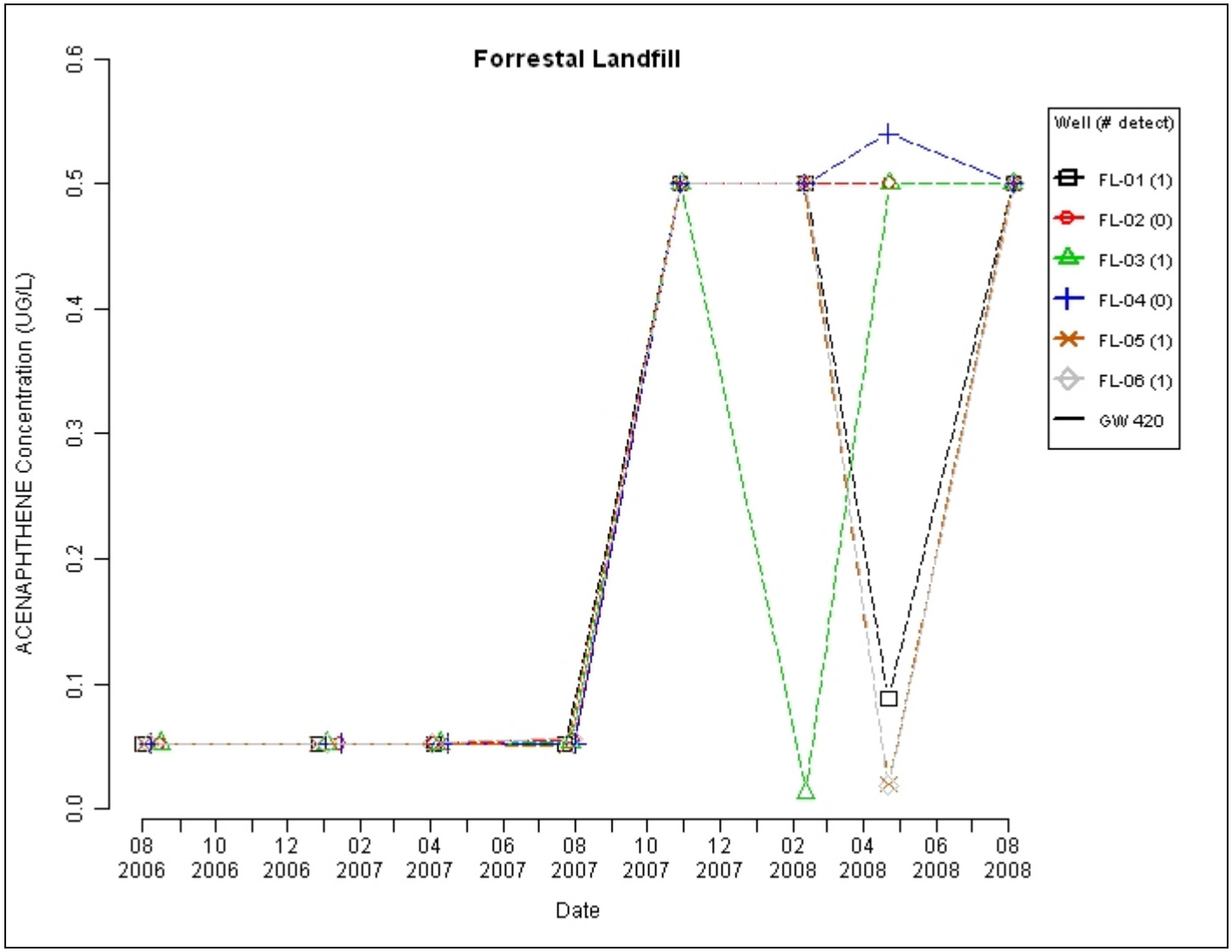

Forrestal Landfill
2,4-DIMETHYLPHENOL Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 140

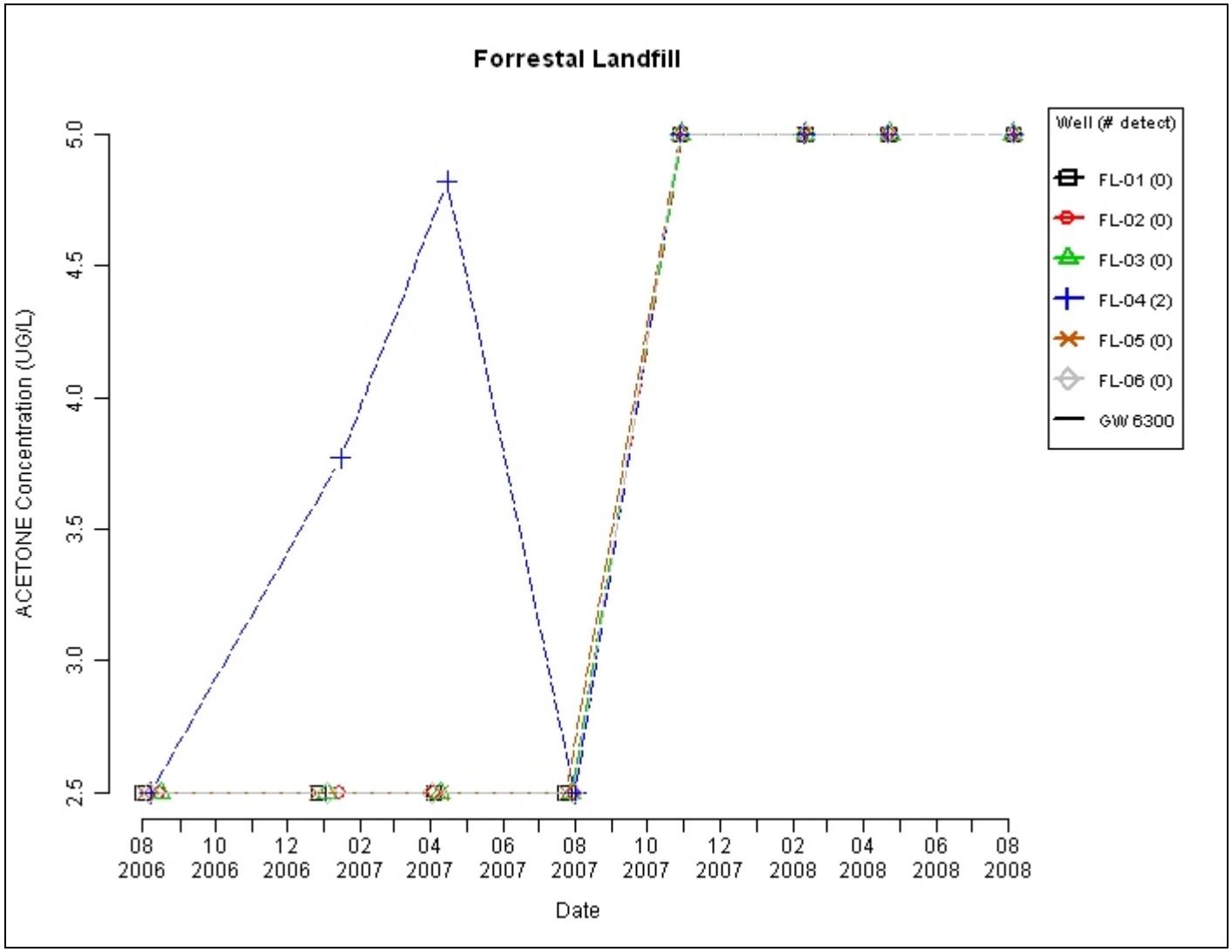

Forrestal Landfill
2-METHYLNAPHTHALENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (2)
FL-06 (0)
GW NA

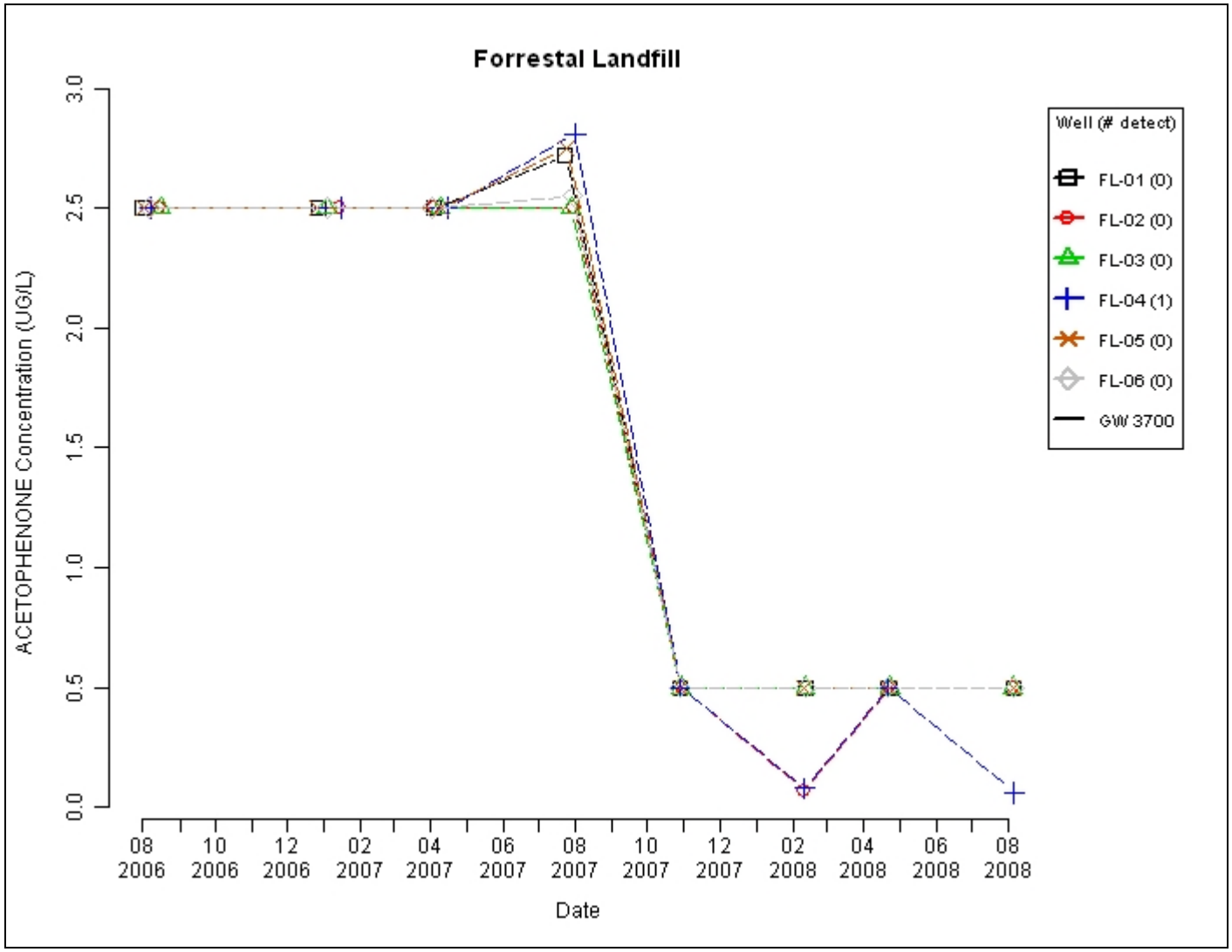

Forrestal Landfill
4-CHLORO-3-METHYLPHENOL Concentration (UG/L)
3.0
2.5
2.0
1.5
1.0
0.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW NA

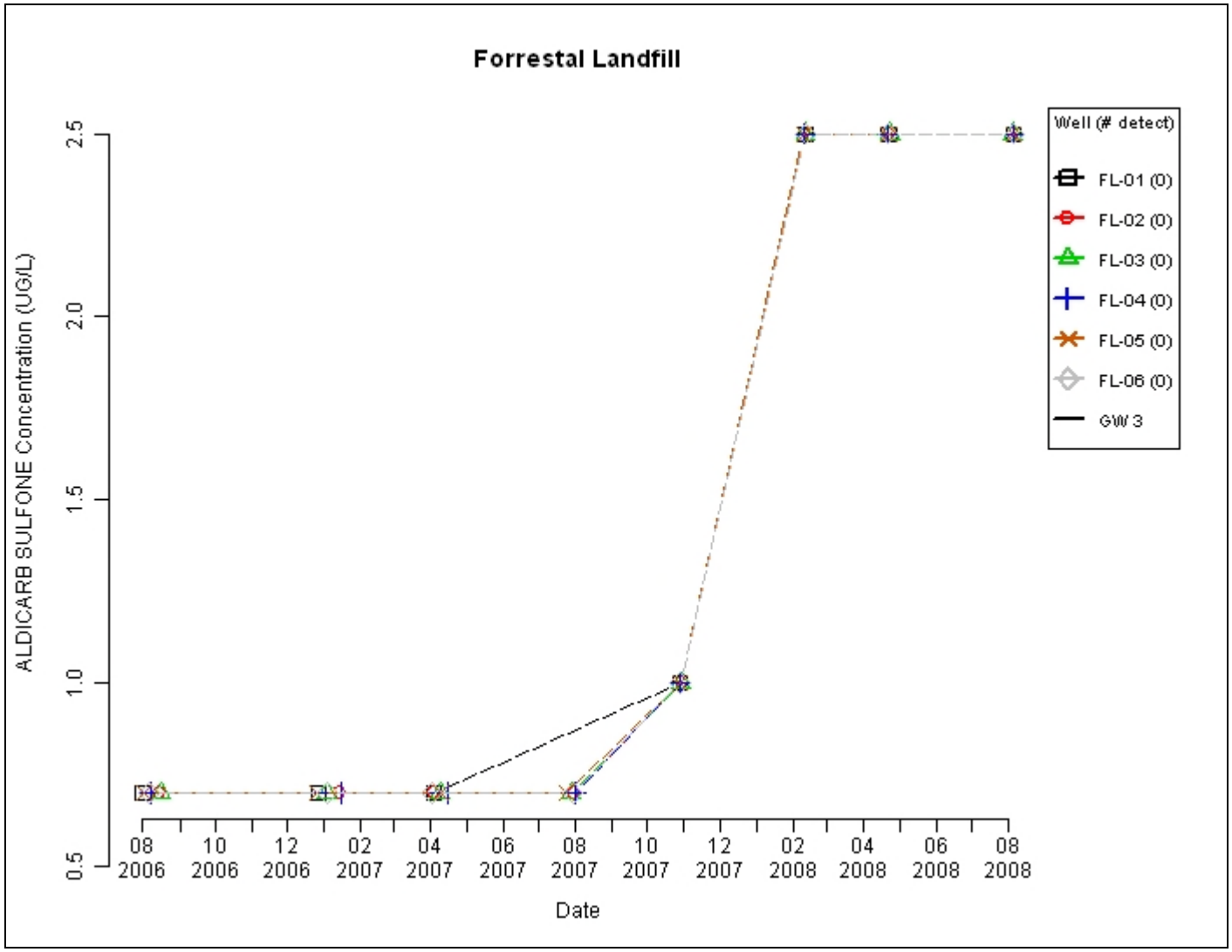

Forrestal Landfill
4-CHLOROANILINE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 28

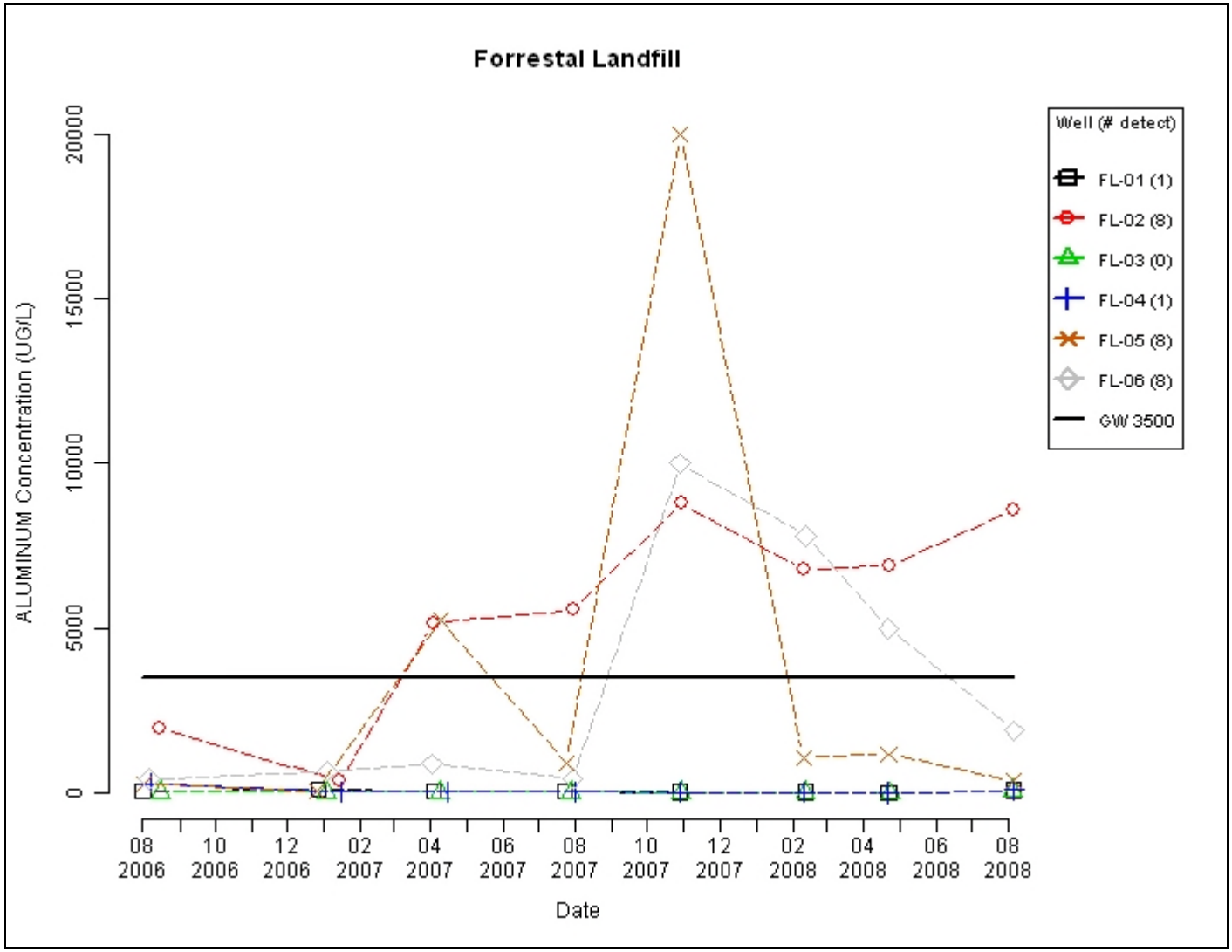

Forrestal Landfill
4-METHYLPHENOL Concentration (UG/L)
0.20
0.25
0.30
0.35
0.40
0.45
0.50
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 35

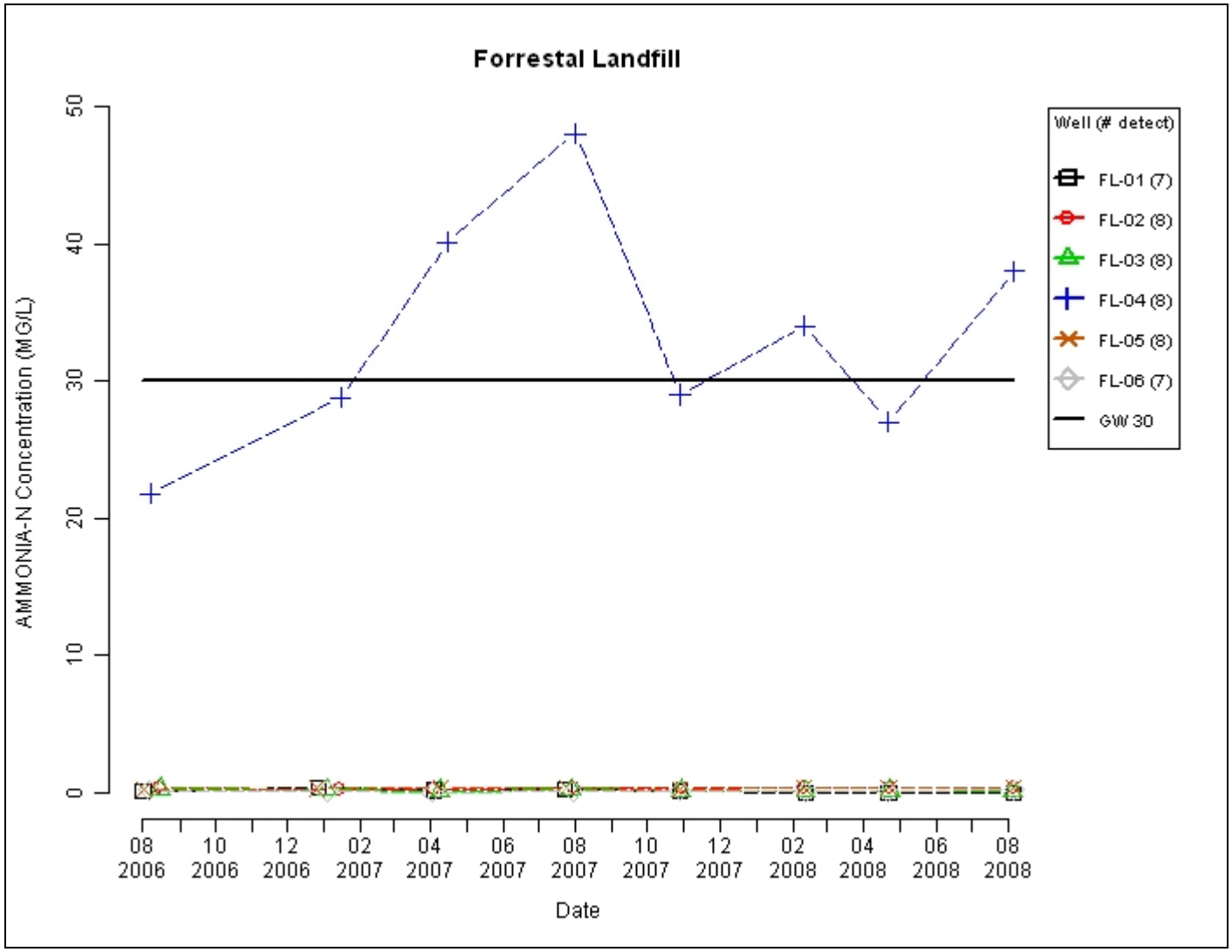

Forrestal Landfill
ACENAPHTHENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (1)
FL-04 (0)
FL-05 (1)
FL-06 (1)
GW 420

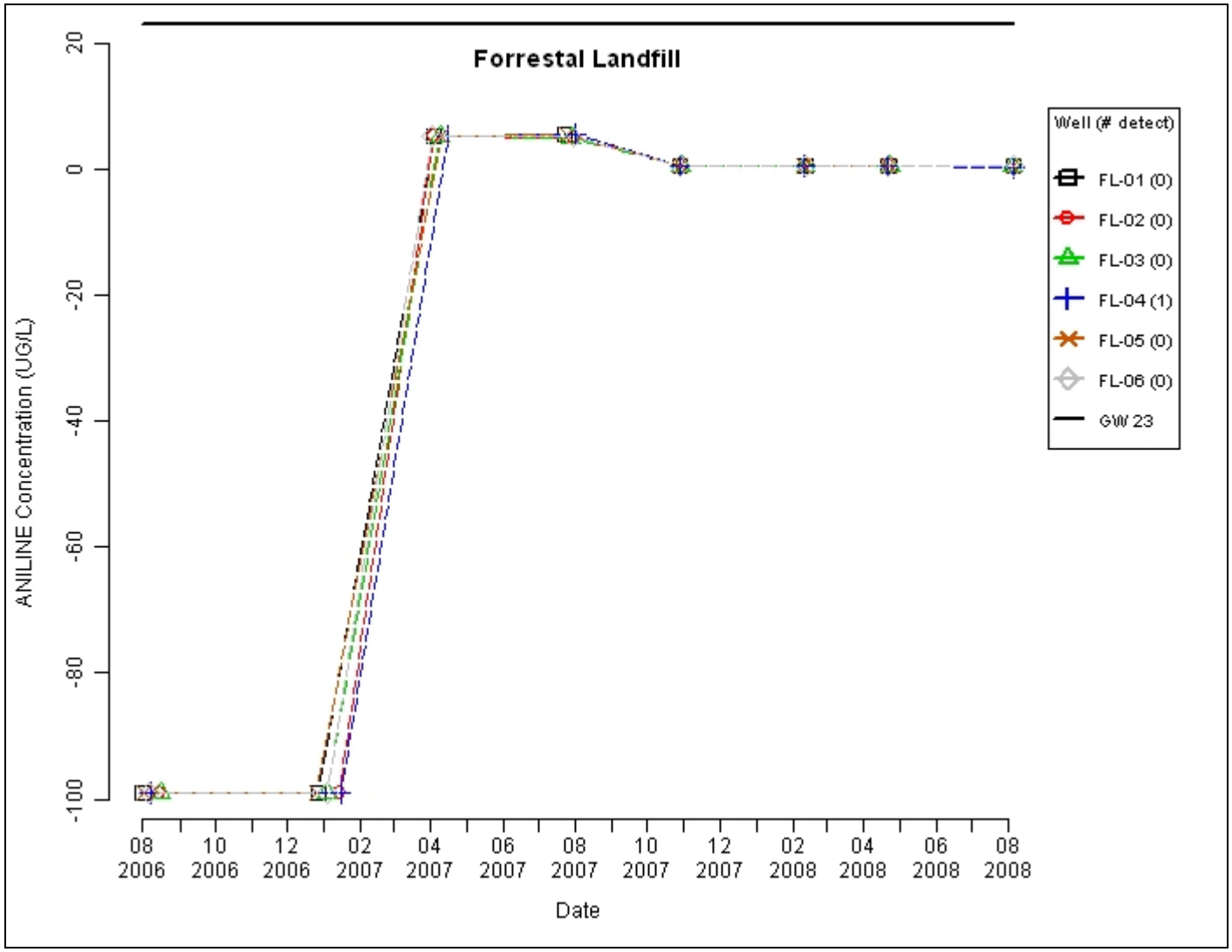

Forrestal Landfill
ACETONE Concentration (UG/L)
5.0
4.5
4.0
3.5
3.0
2.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (2)
FL-05 (0)
FL-06 (0)
GW 6300

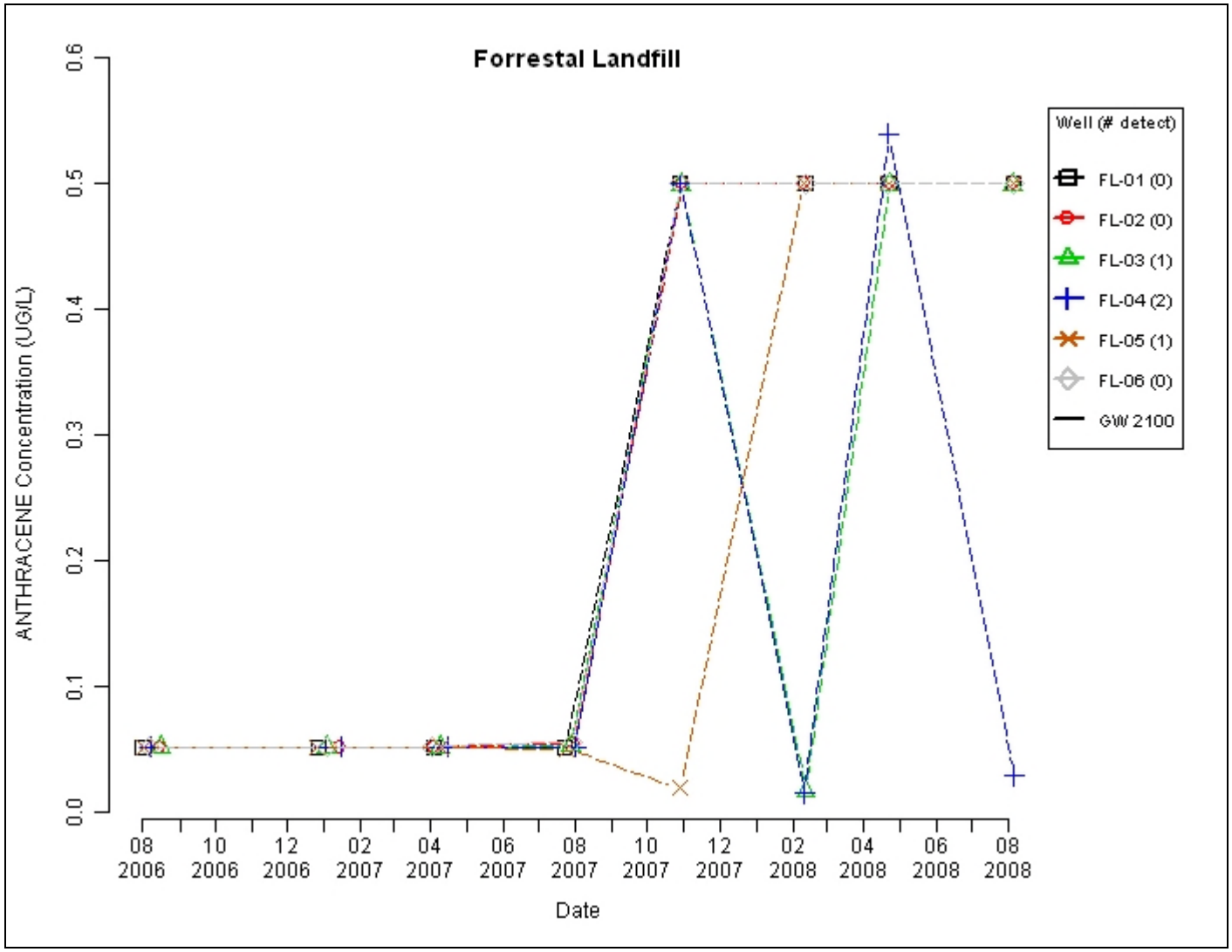

Forrestal Landfill
ACETOPHENONE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 3700

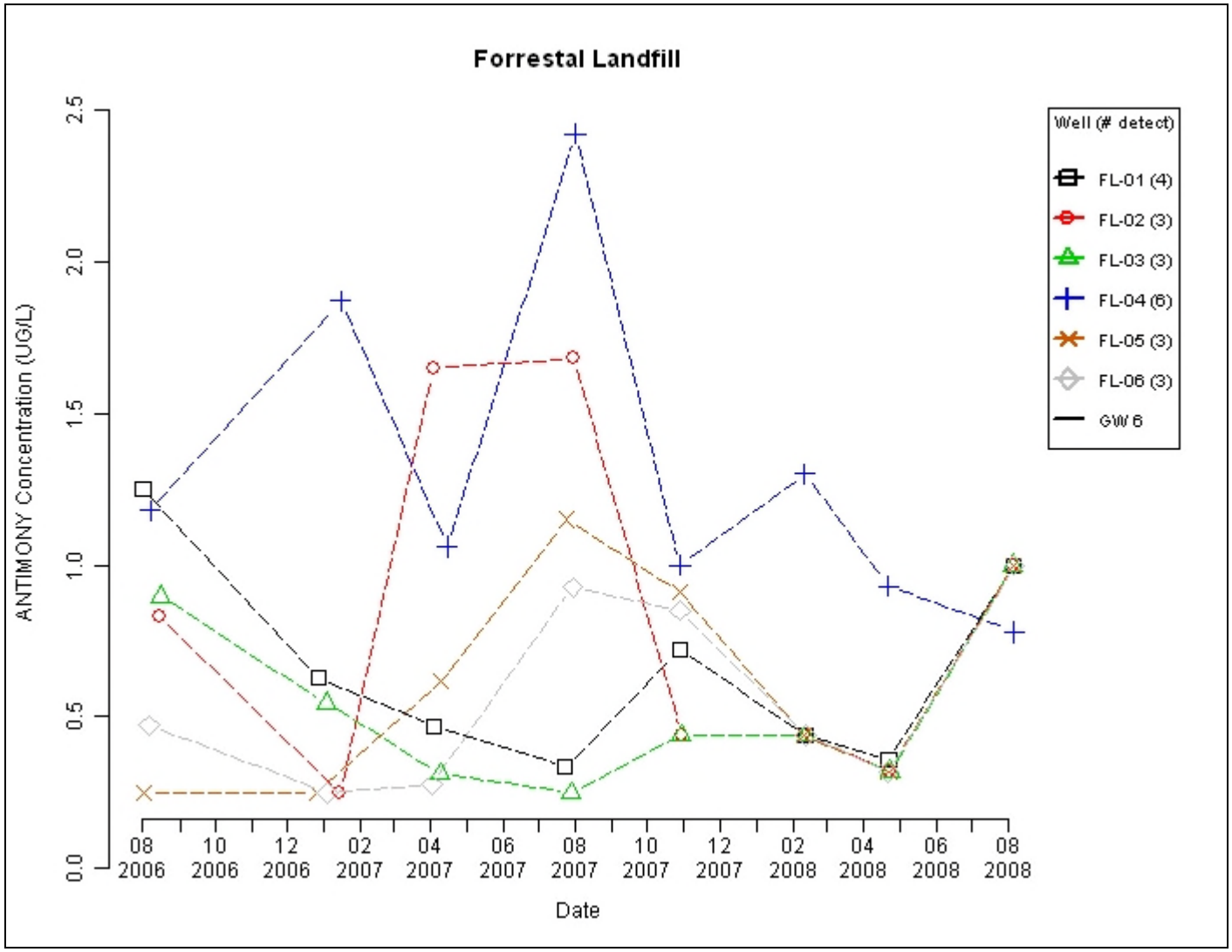

Forrestal Landfill
ALDICARB SULFONE Concentration (UG/L)
0.5
1.0
1.5
2.0
2.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 3

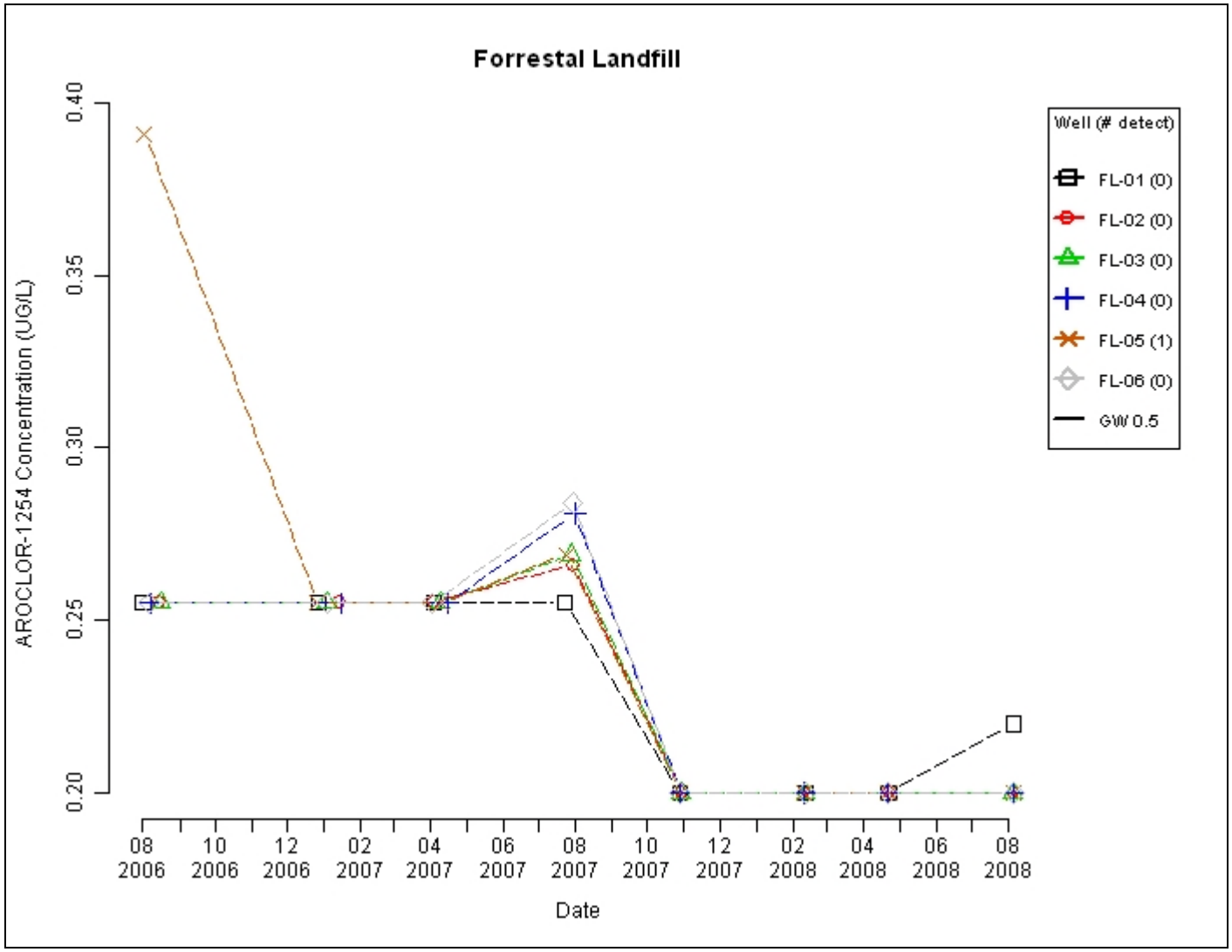

Forrestal Landfill
ALUMINUM Concentration (UG/L)
0
5000
10000
15000
20000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (8)
FL-03 (0)
FL-04 (1)
FL-05 (8)
FL-06 (8)
GW 3500

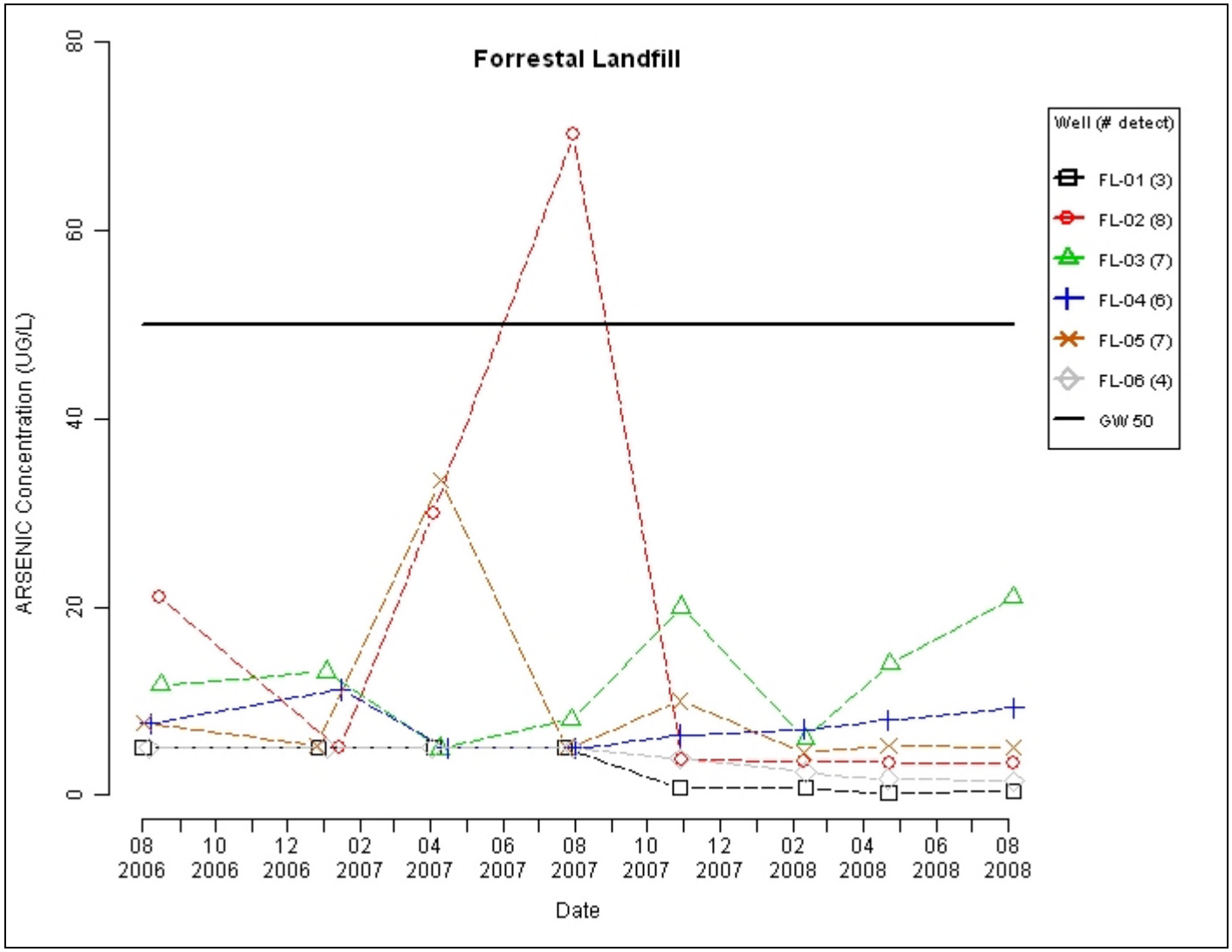

Forrestal Landfill
AMMONIA-N Concentration (MG/L)
0
10
20
30
40
50
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (7)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (7)
GW 30

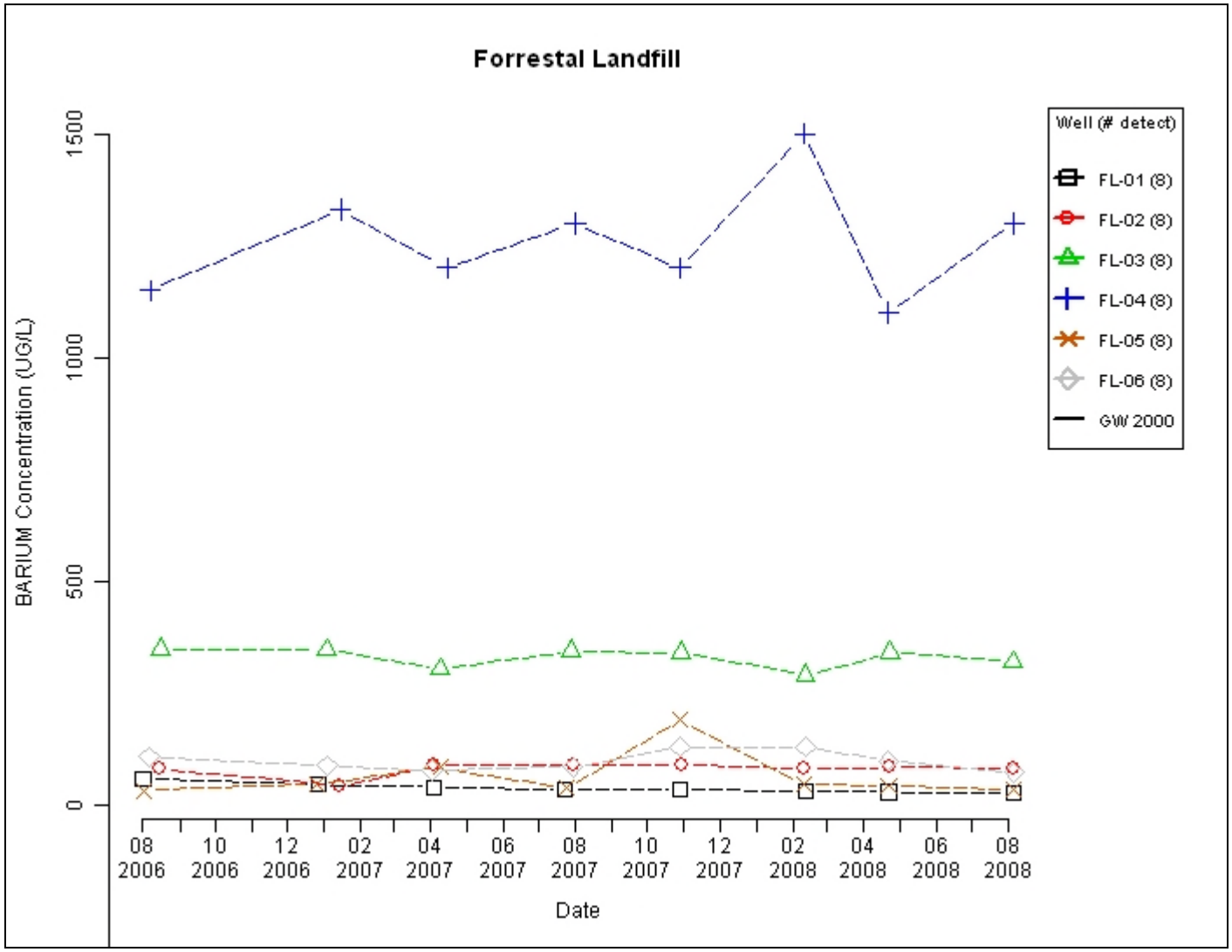

Forrestal Landfill
ANILINE Concentration (UG/L)
20
0
-20
-40
-60
-80
-100
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 23

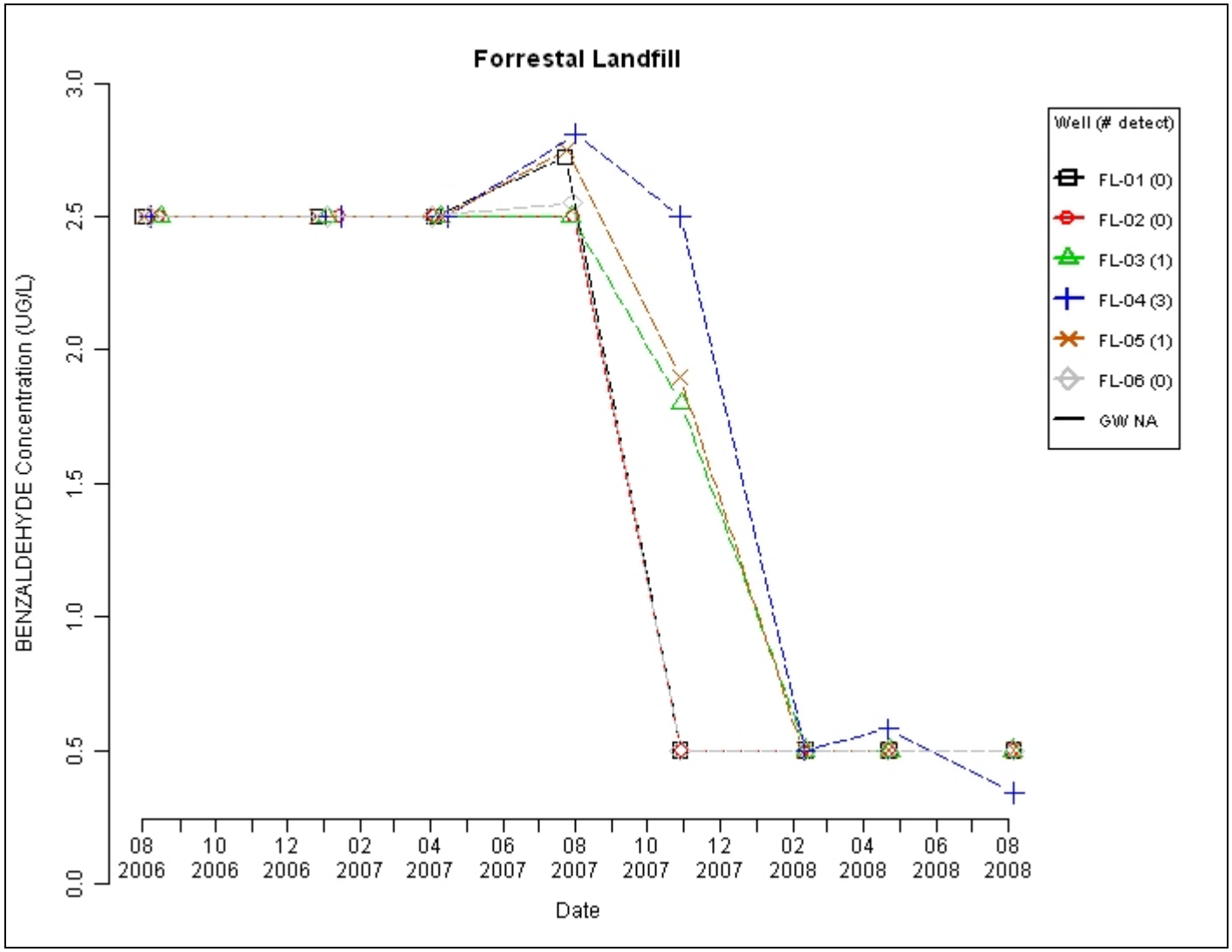

Forrestal Landfill
ANTHRACENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (1)
FL-04 (2)
FL-05 (1)
FL-06 (0)
GW 2100

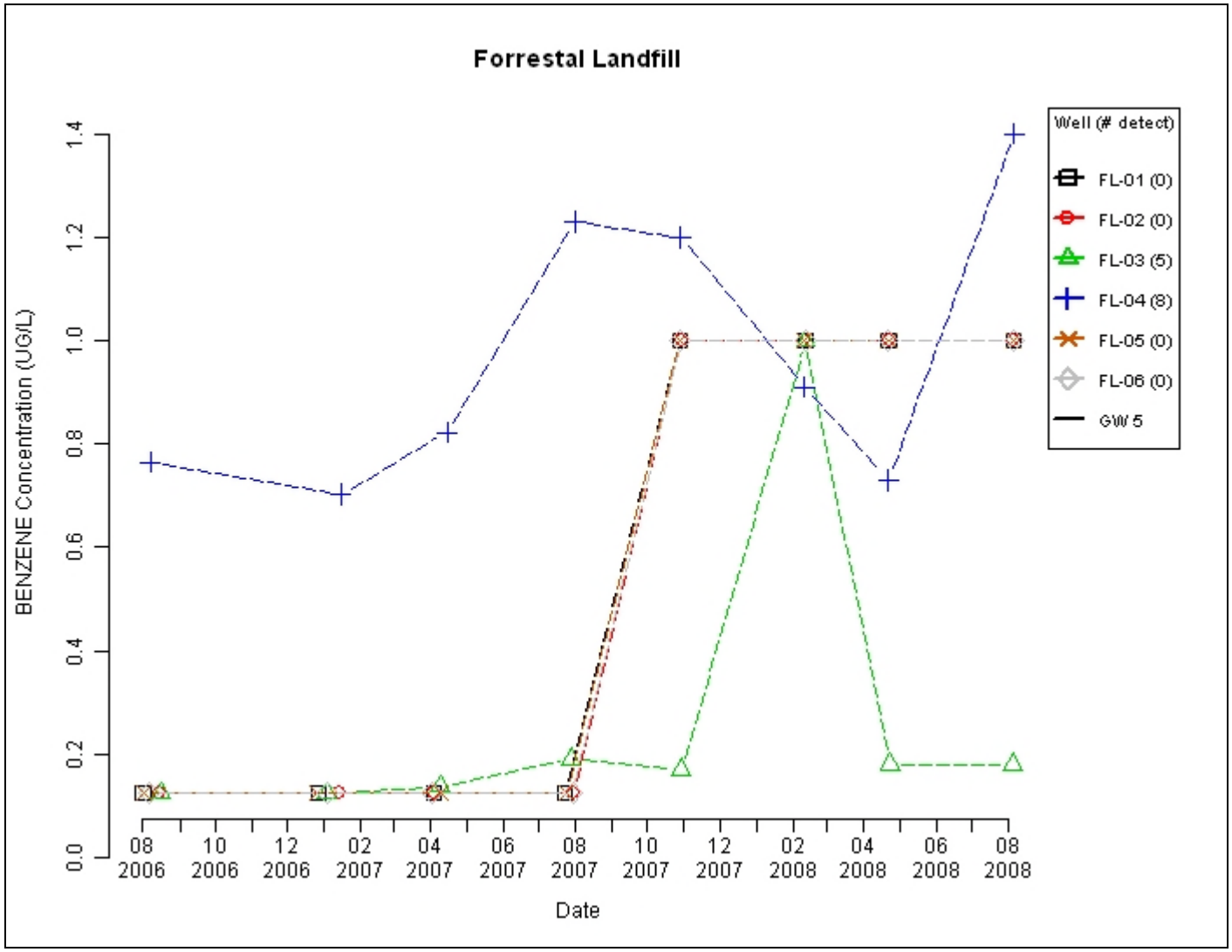

Forrestal Landfill
ANTIMONY Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (3)
FL-03 (3)
FL-04 (6)
FL-05 (3)
FL-06 (3)
GW 6

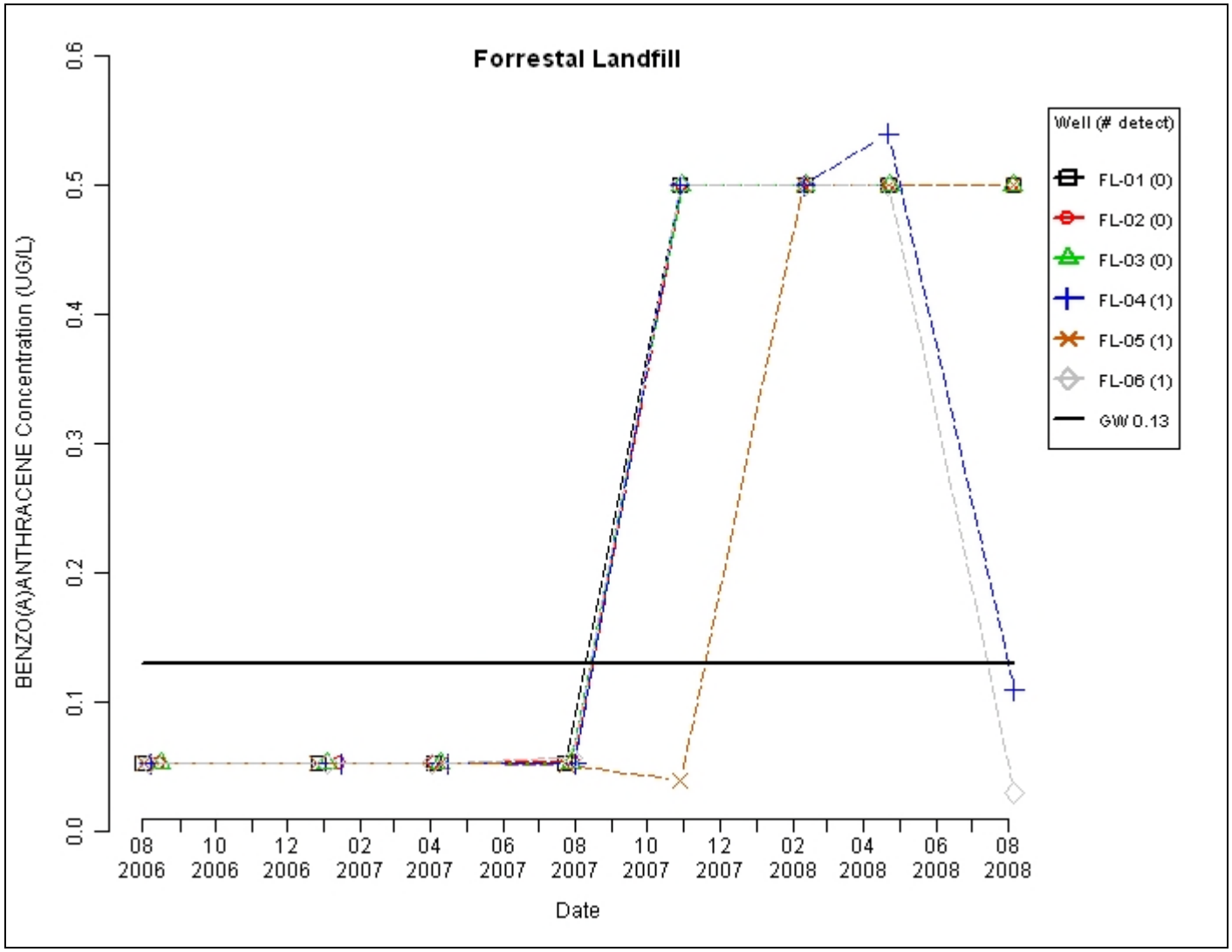

Forrestal Landfill
AROCLOR-1254 Concentration (UG/L)
0.20
0.25
0.30
0.35
0.40
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (0)
GW 0.5

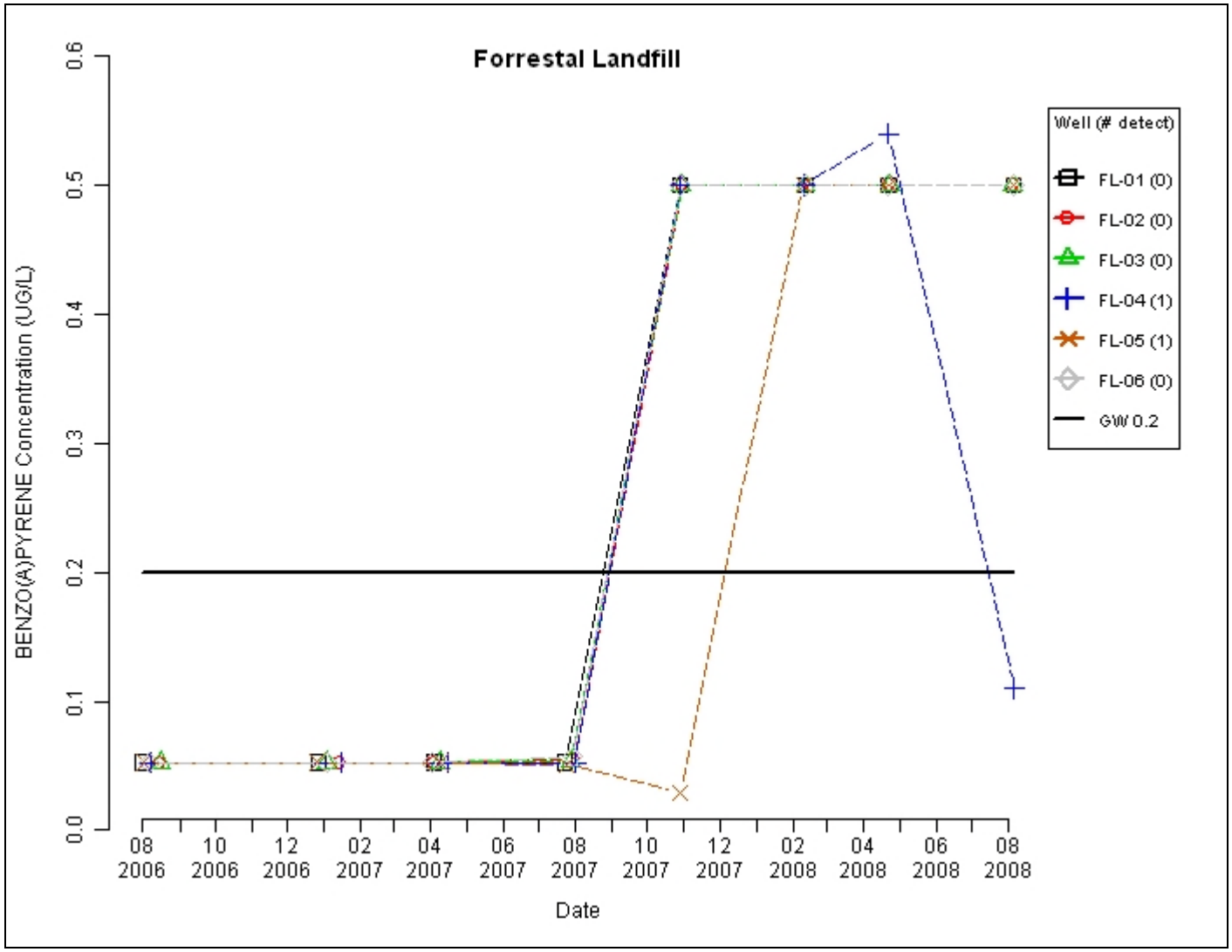

Forrestal Landfill
ARSENIC Concentration (UG/L)
0
20
40
60
80
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (3)
FL-02 (8)
FL-03 (7)
FL-04 (6)
FL-05 (7)
FL-06 (4)
GW 50

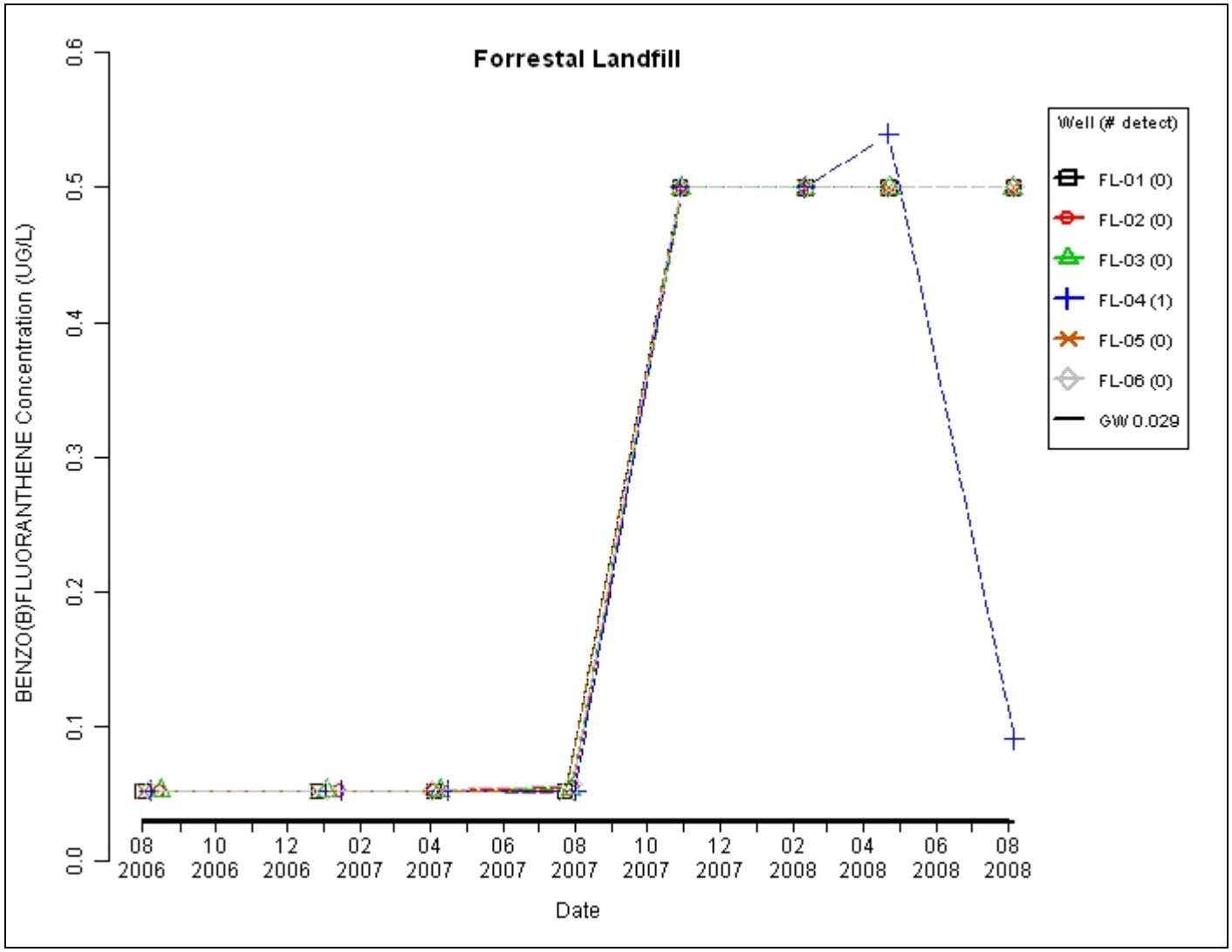

Forrestal Landfill
BARIUM Concentration (UG/L)
0
500
1000
1500
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 2000

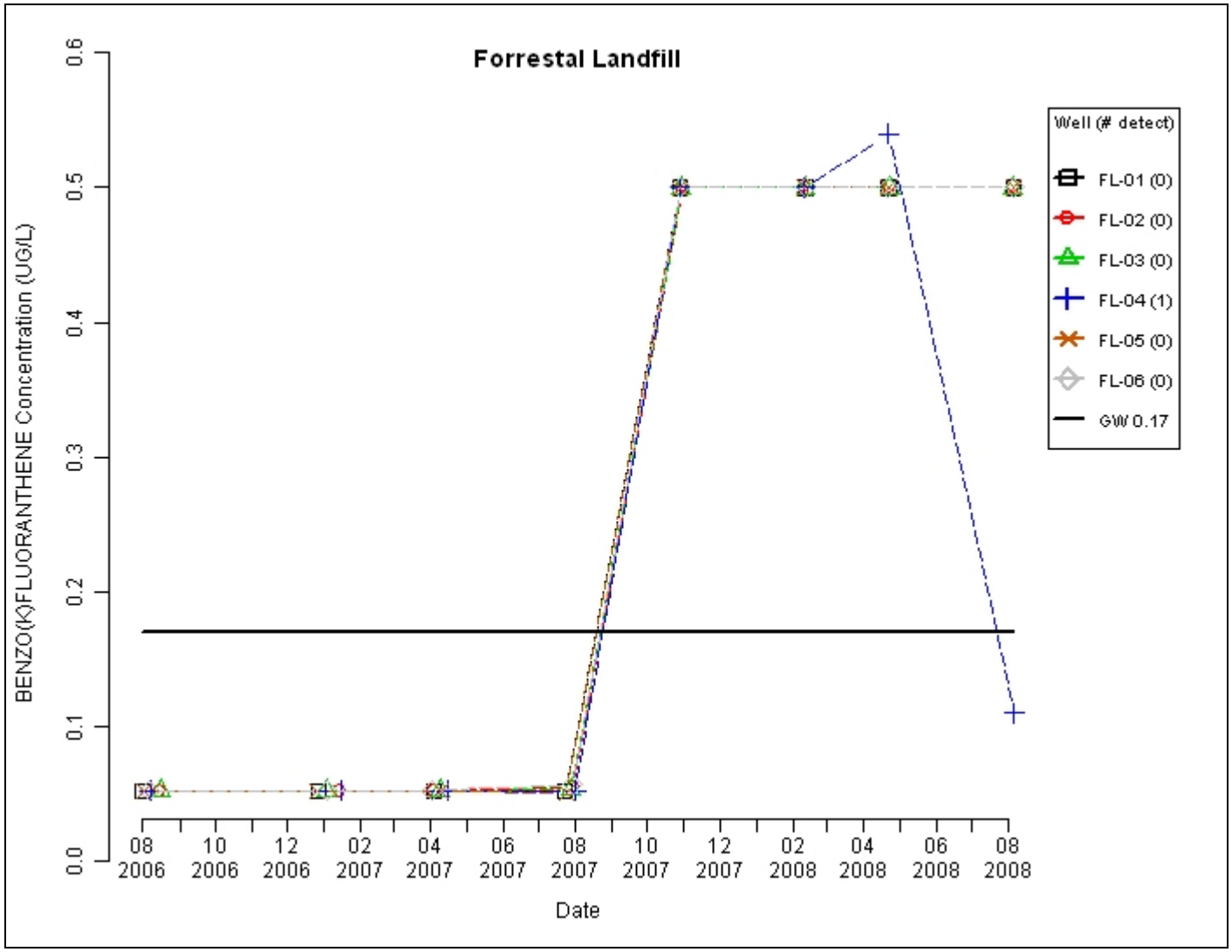

Forrestal Landfill
BENZALDEHYDE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (1)
FL-04 (3)
FL-05 (1)
FL-06 (0)
GW NA

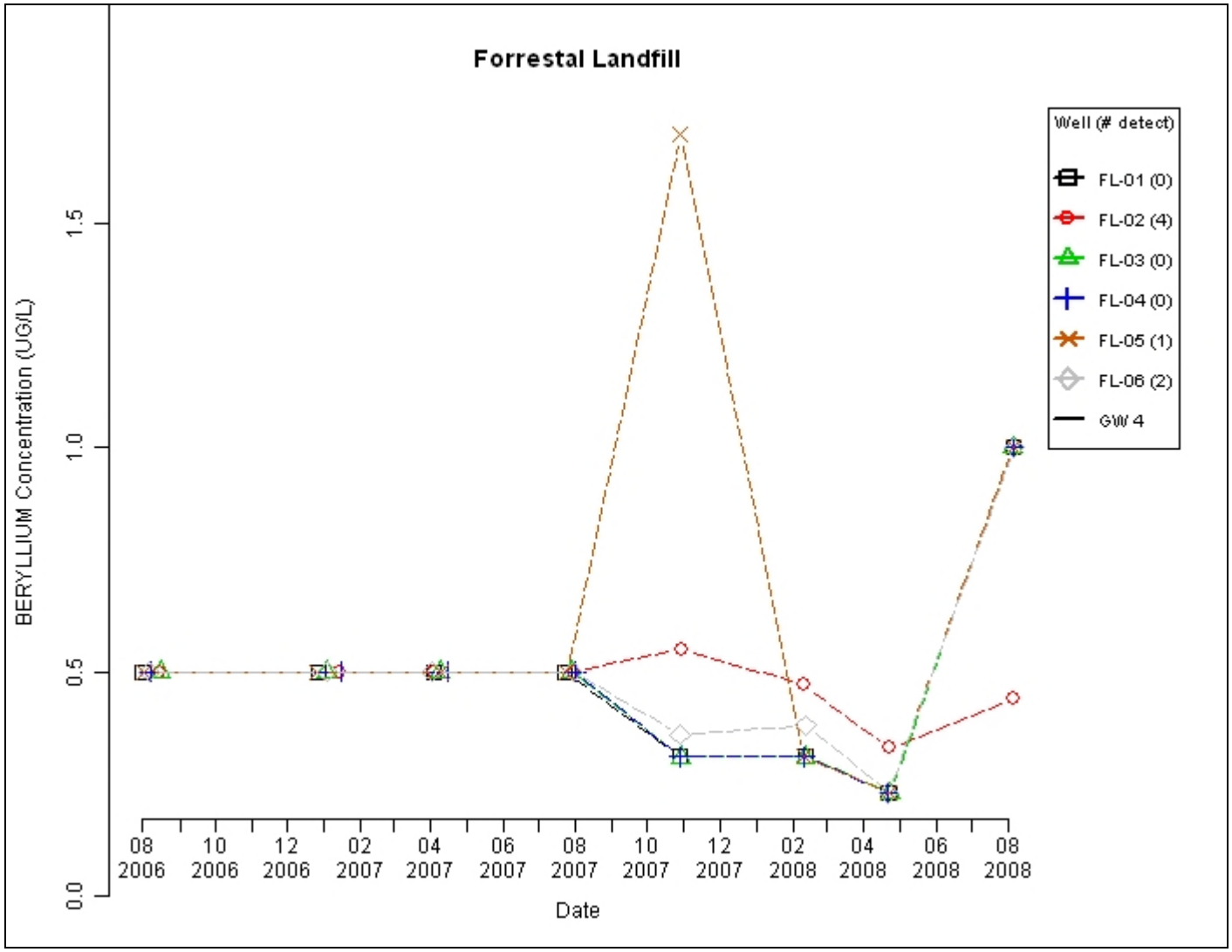

Forrestal Landfill
BENZENE Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (5)
FL-04 (8)
FL-05 (0)
FL-06 (0)
GW 5

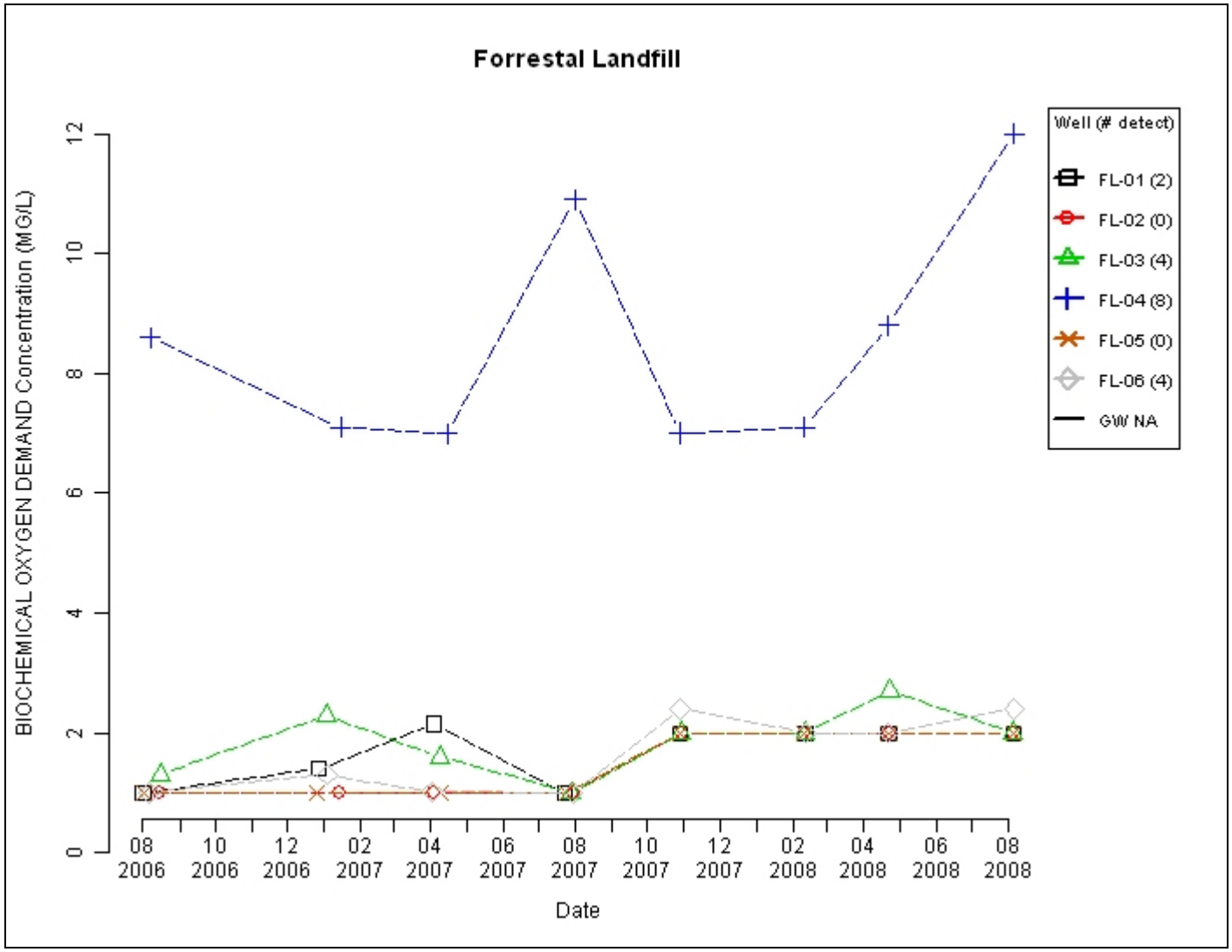

Forrestal Landfill
BENZO(A)ANTHRACENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (1)
FL-06 (1)
GW 0.13

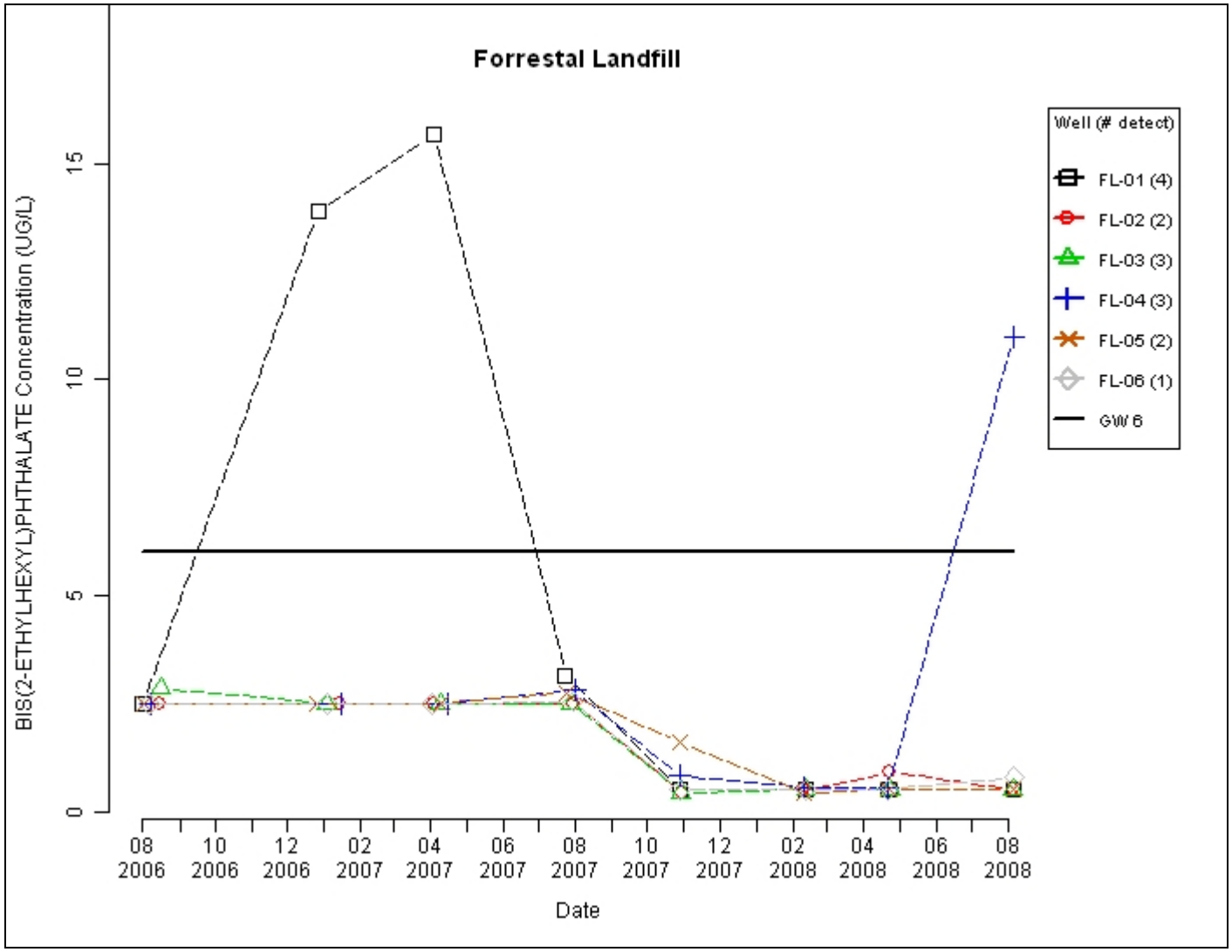

Forrestal Landfill
BENZO(A)PYRENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (1)
FL-06 (0)
GW 0.2

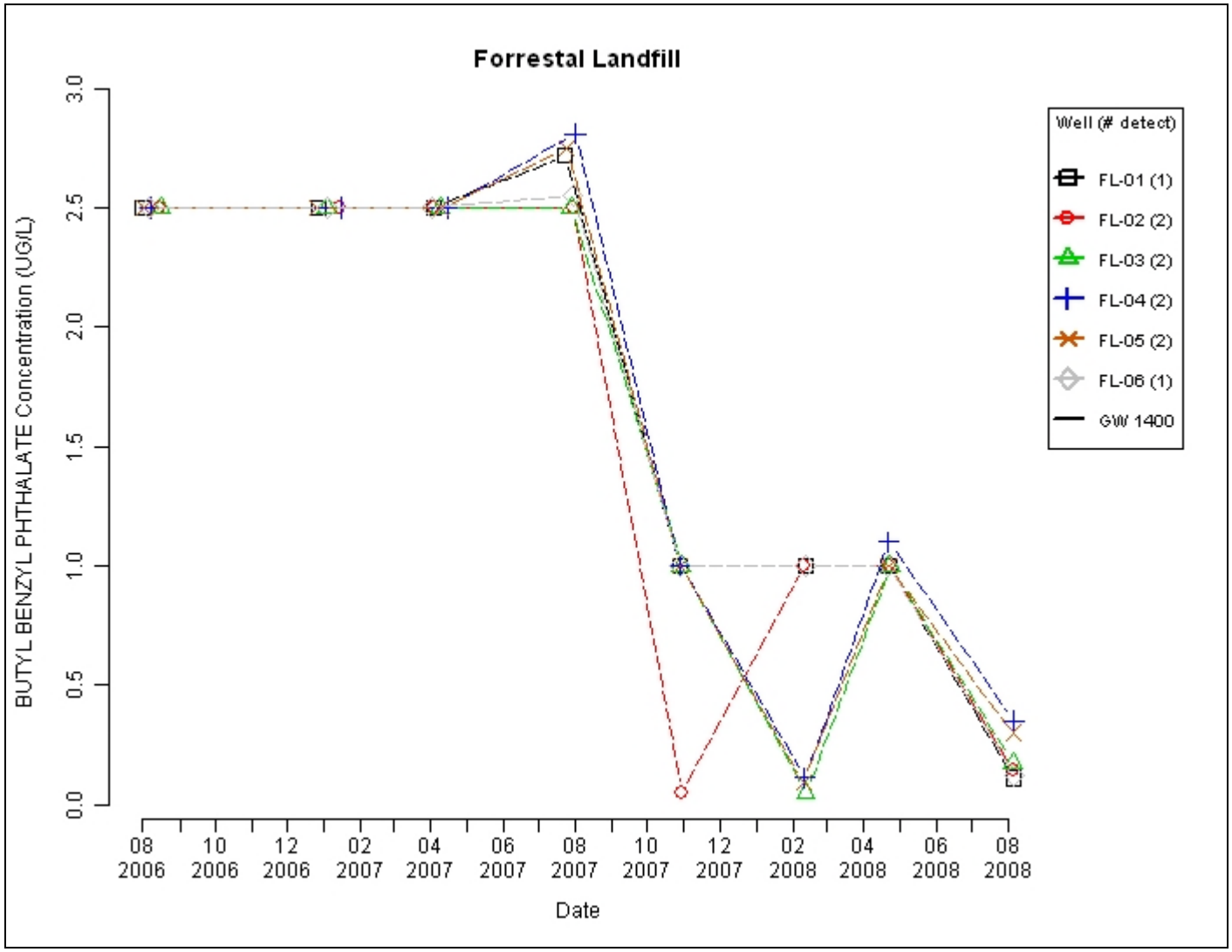

Forrestal Landfill
BENZO(B)FLUORANTHENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 0.029

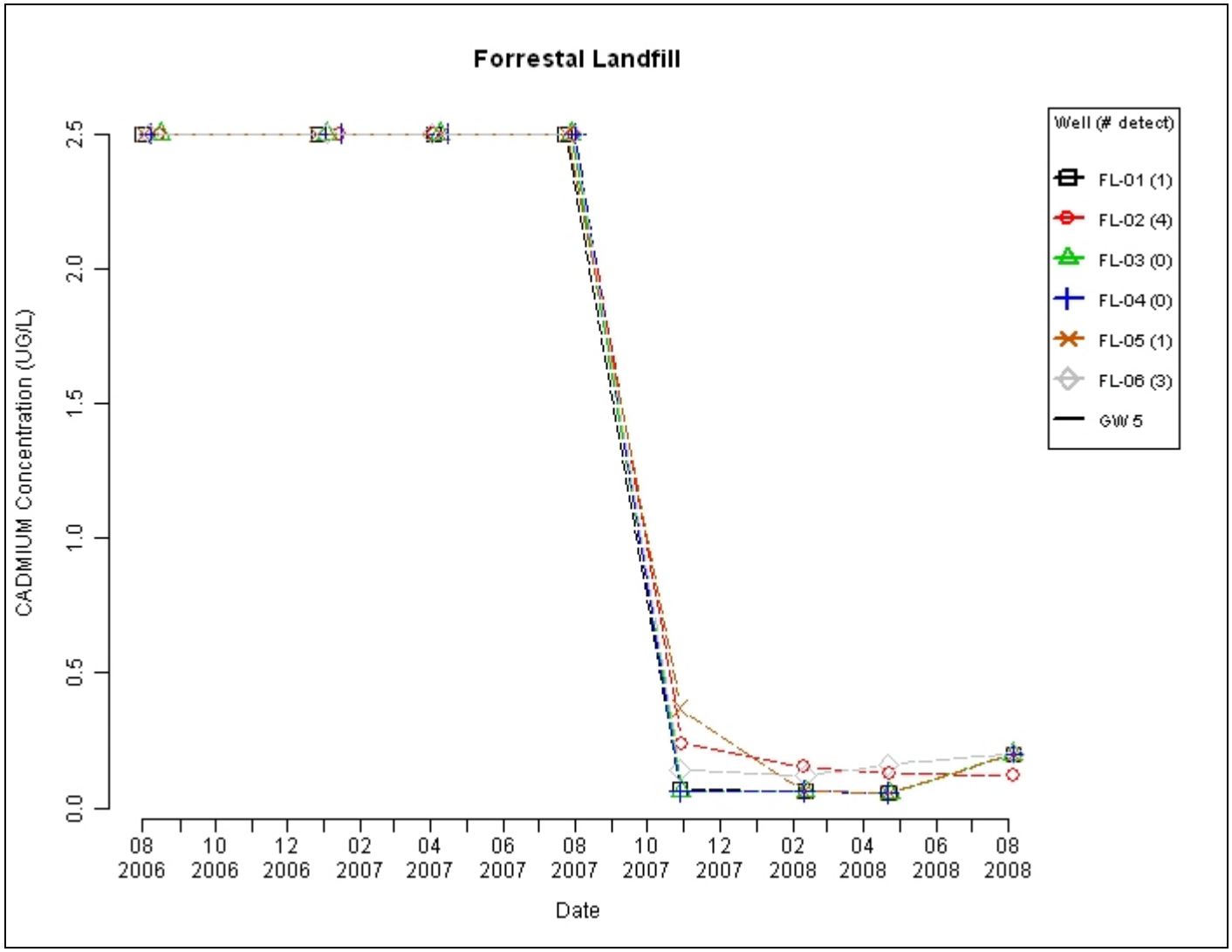

Forrestal Landfill
BENZO(K)FLUORANTHENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 0.17

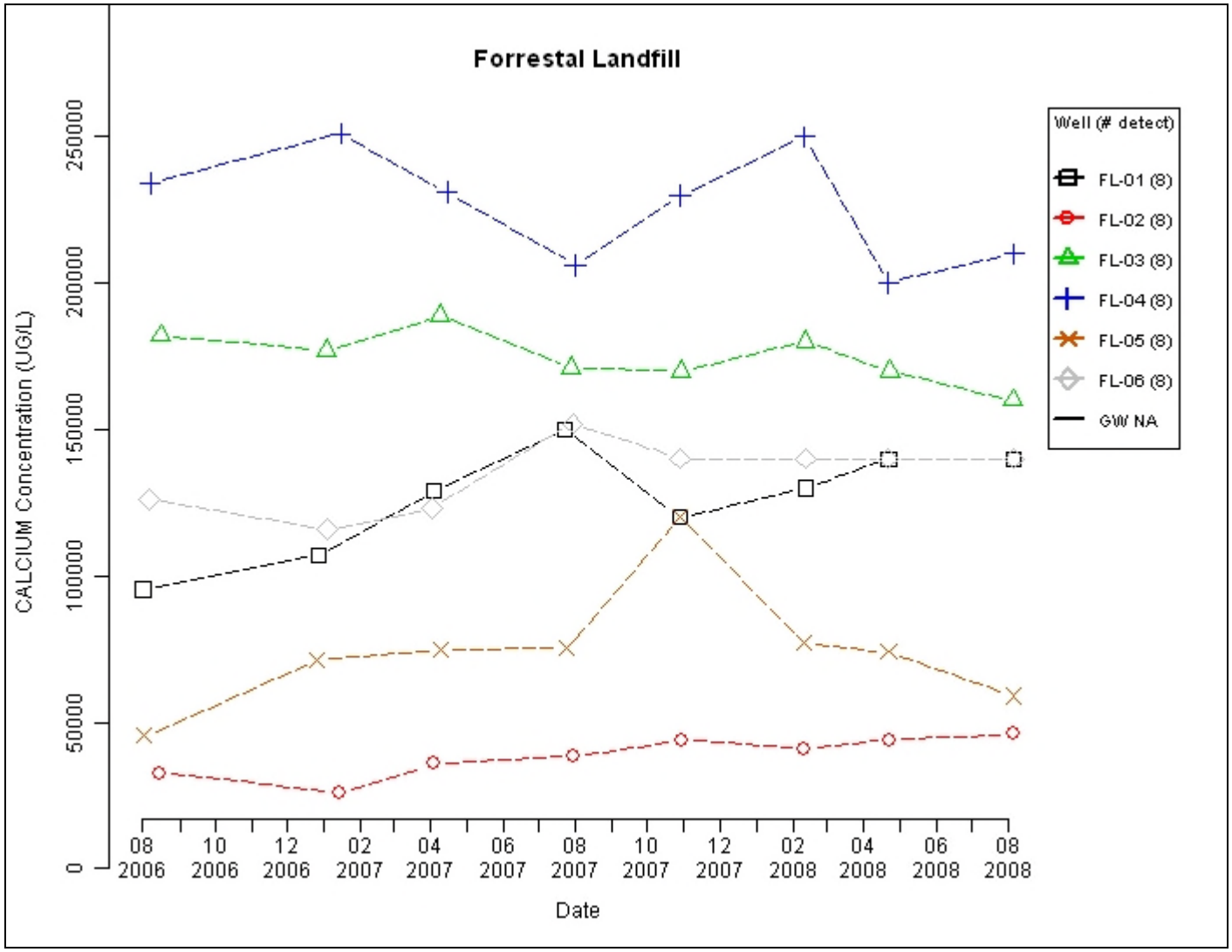

Forrestal Landfill
BERYLLIUM Concentration (UG/L)
0.0
0.5
1.0
1.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (4)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (2)
GW 4

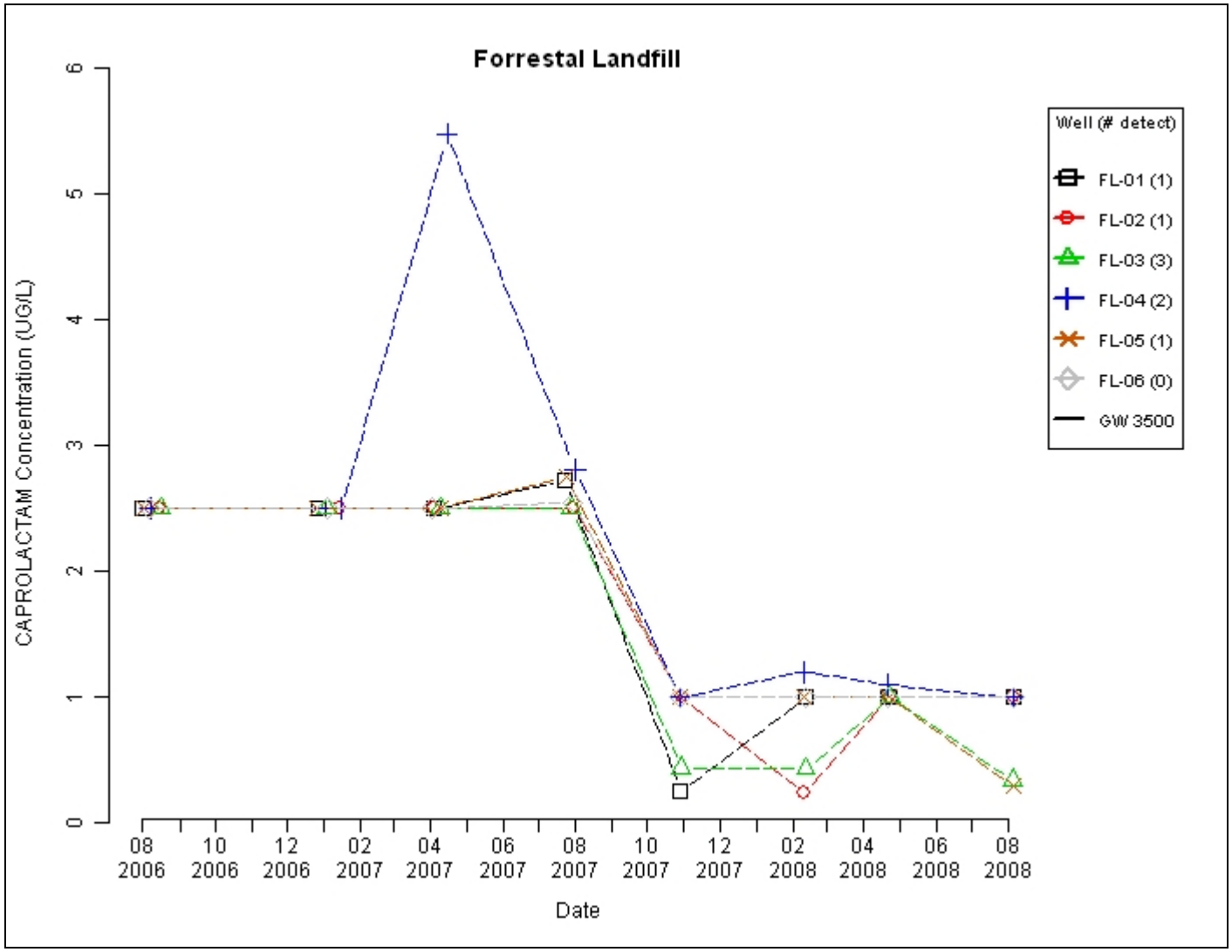

Forrestal Landfill
BIOCHEMICAL OXYGEN DEMAND Concentration (MG/L)
0
2
4
6
8
10
12
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (2)
FL-02 (0)
FL-03 (4)
FL-04 (8)
FL-05 (0)
FL-06 (4)
GW NA

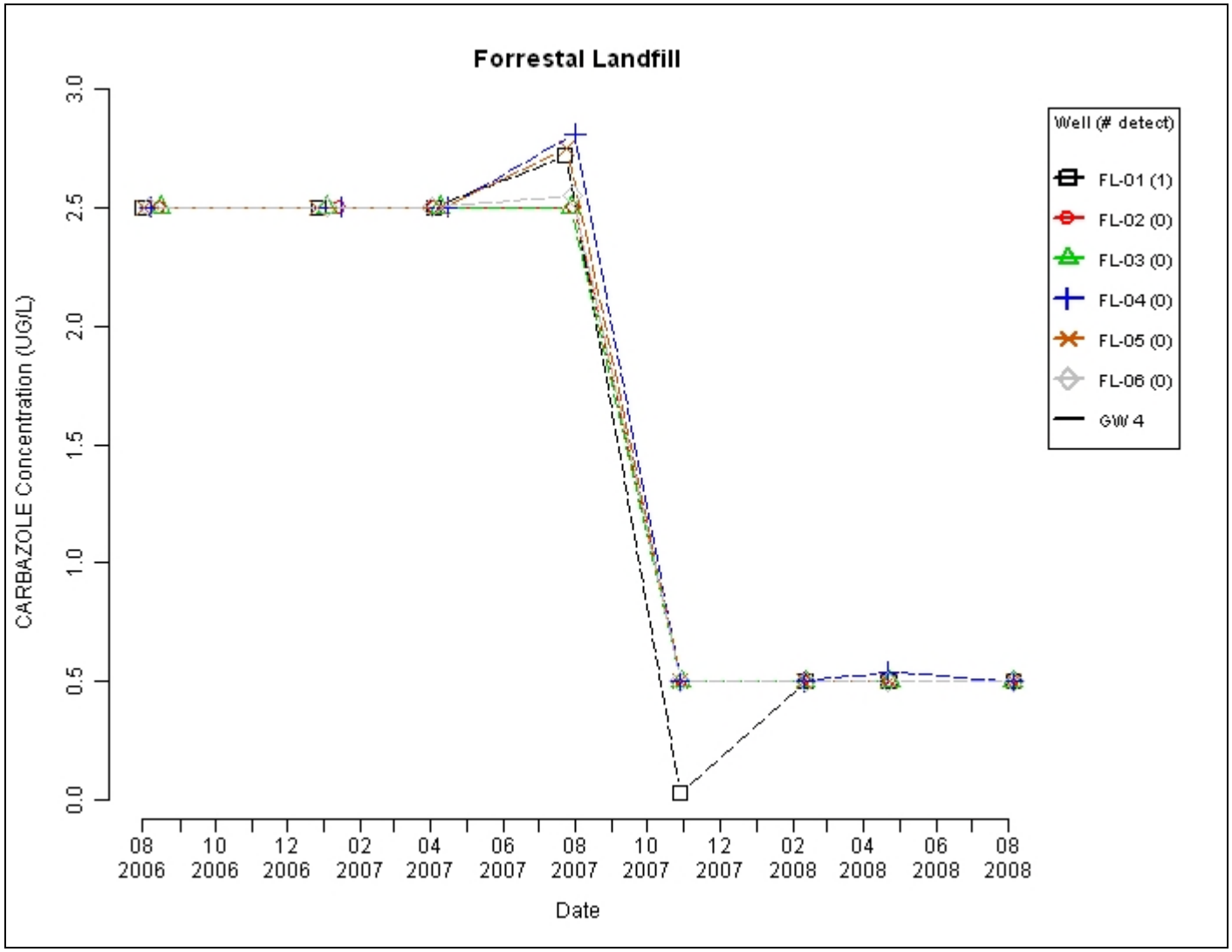

Forrestal Landfill
BIS(2-ETHYLHEXYL)PHTHALATE Concentration (UG/L)
0
5
10
15
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (2)
FL-03 (3)
FL-04 (3)
FL-05 (2)
FL-06 (1)
GW 6

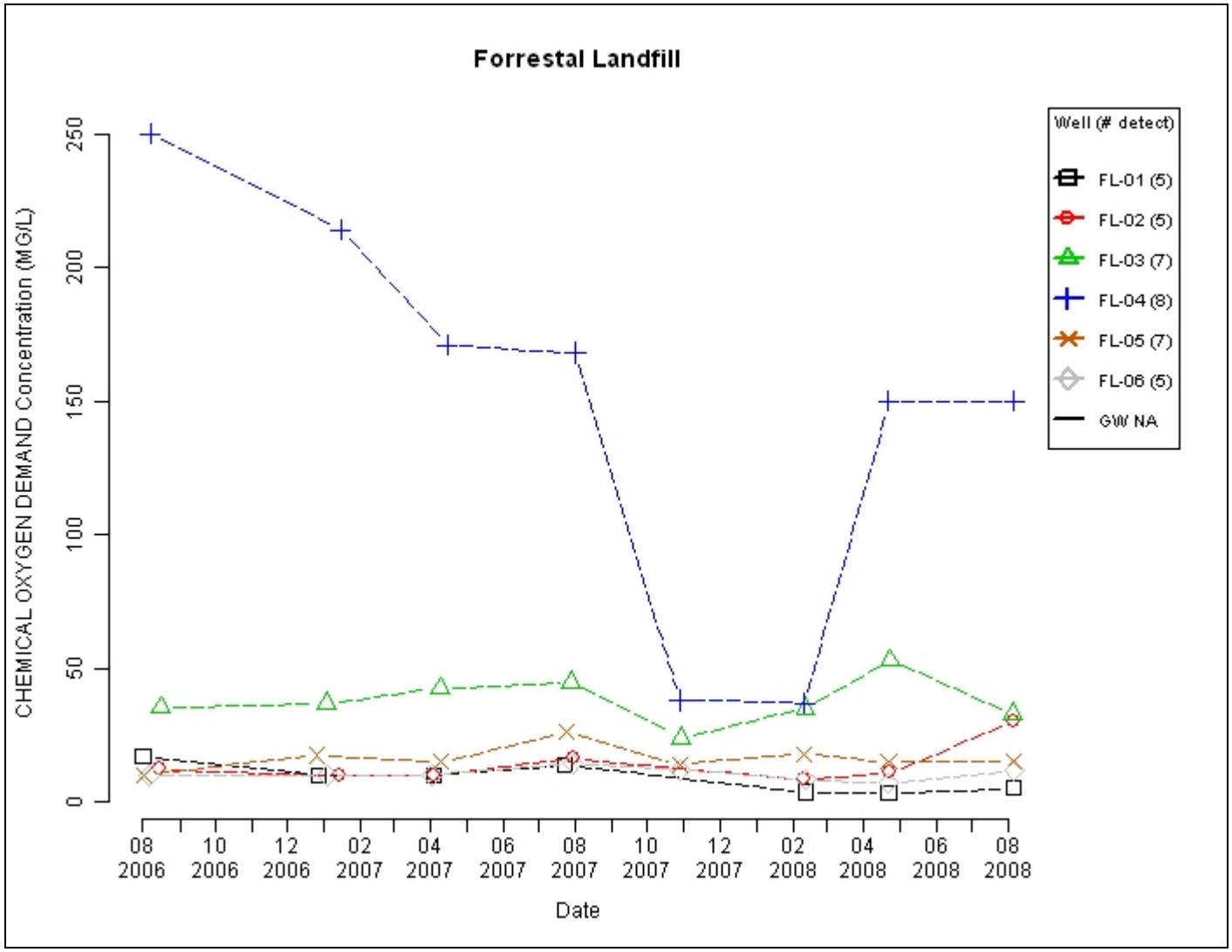

Forrestal Landfill
BUTYL BENZYL PHTHALATE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (2)
FL-03 (2)
FL-04 (2)
FL-05 (2)
FL-06 (1)
GW 1400

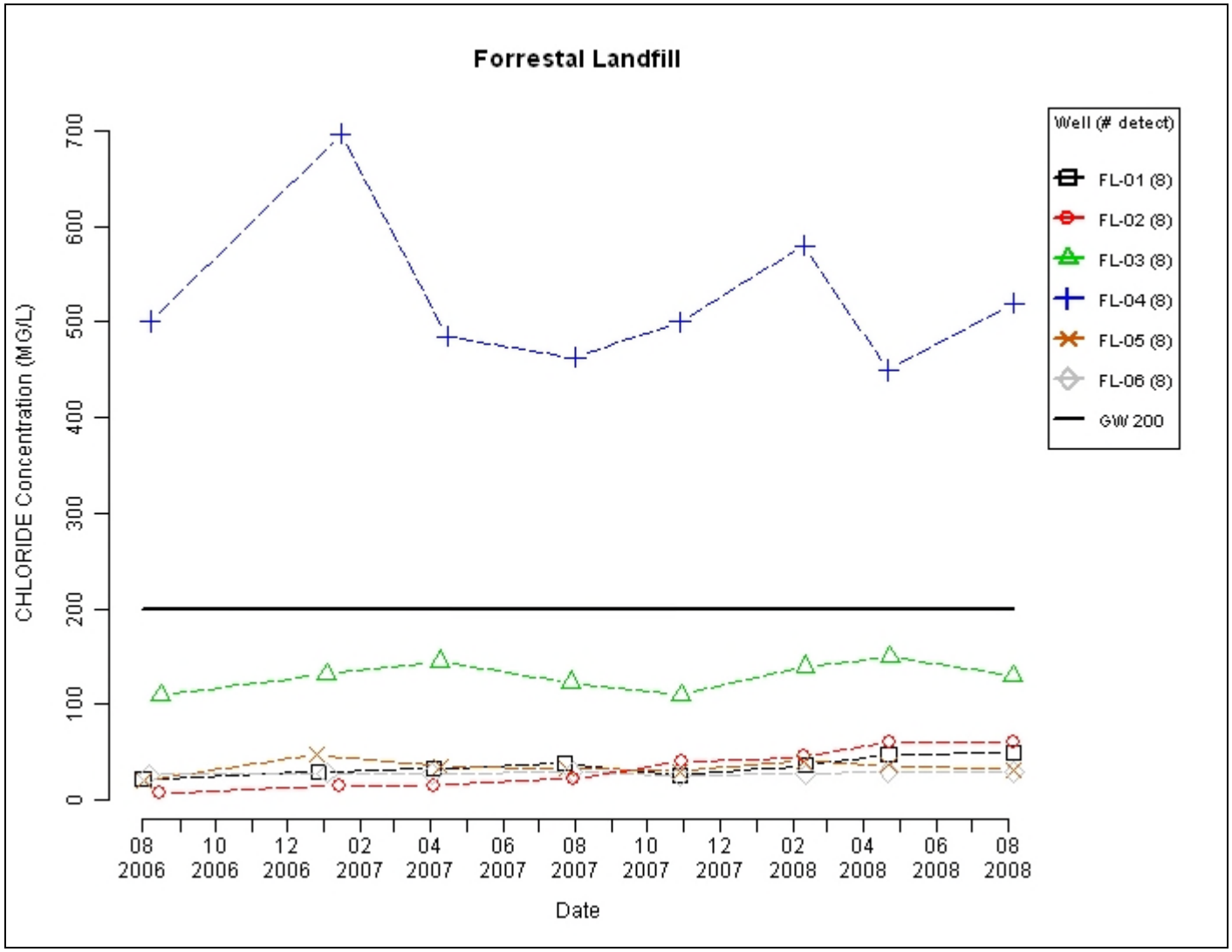

Forrestal Landfill
CADMIUM Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (4)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (3)
GW 5

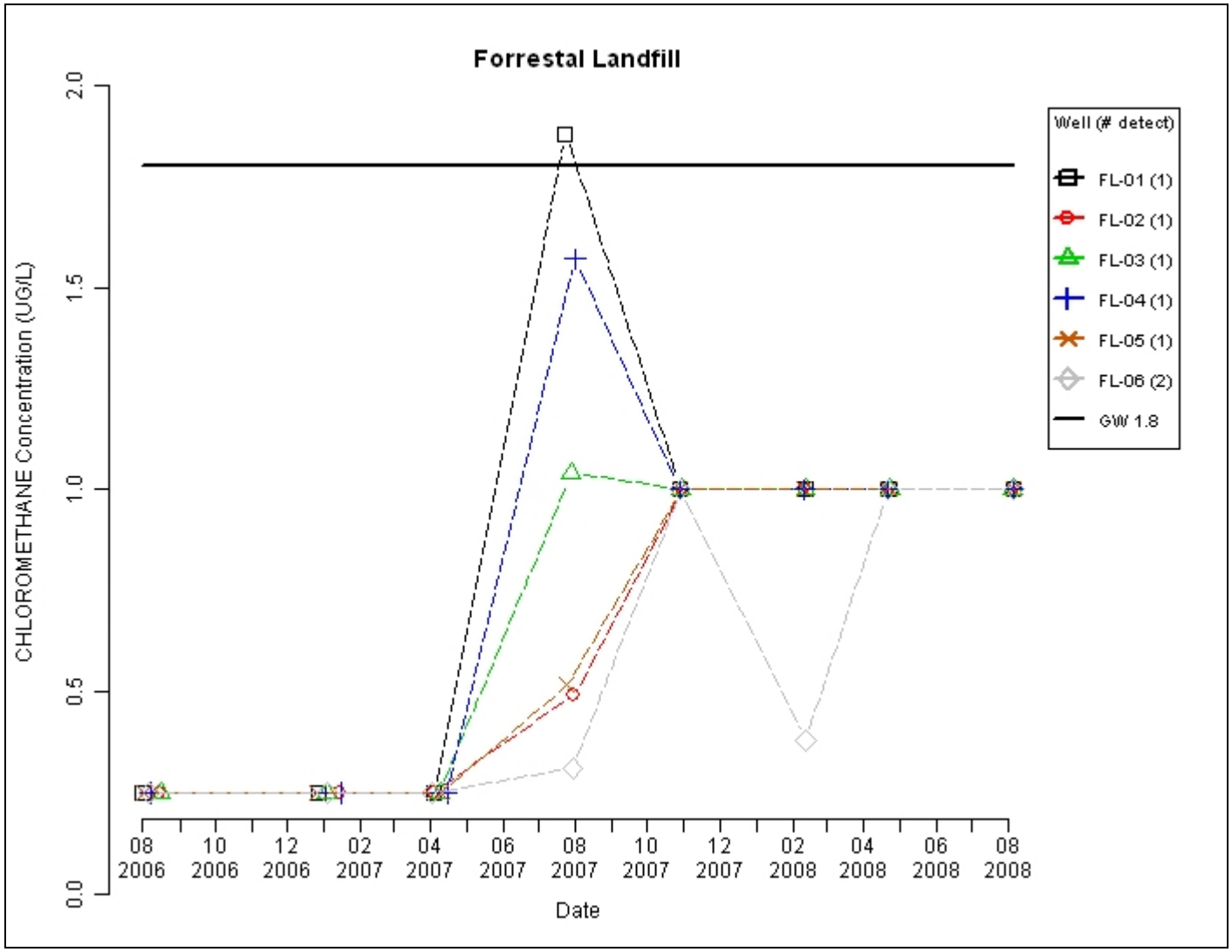

Forrestal Landfill
CALCIUM Concentration (UG/L)
0
50000
100000
150000
200000
250000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW NA

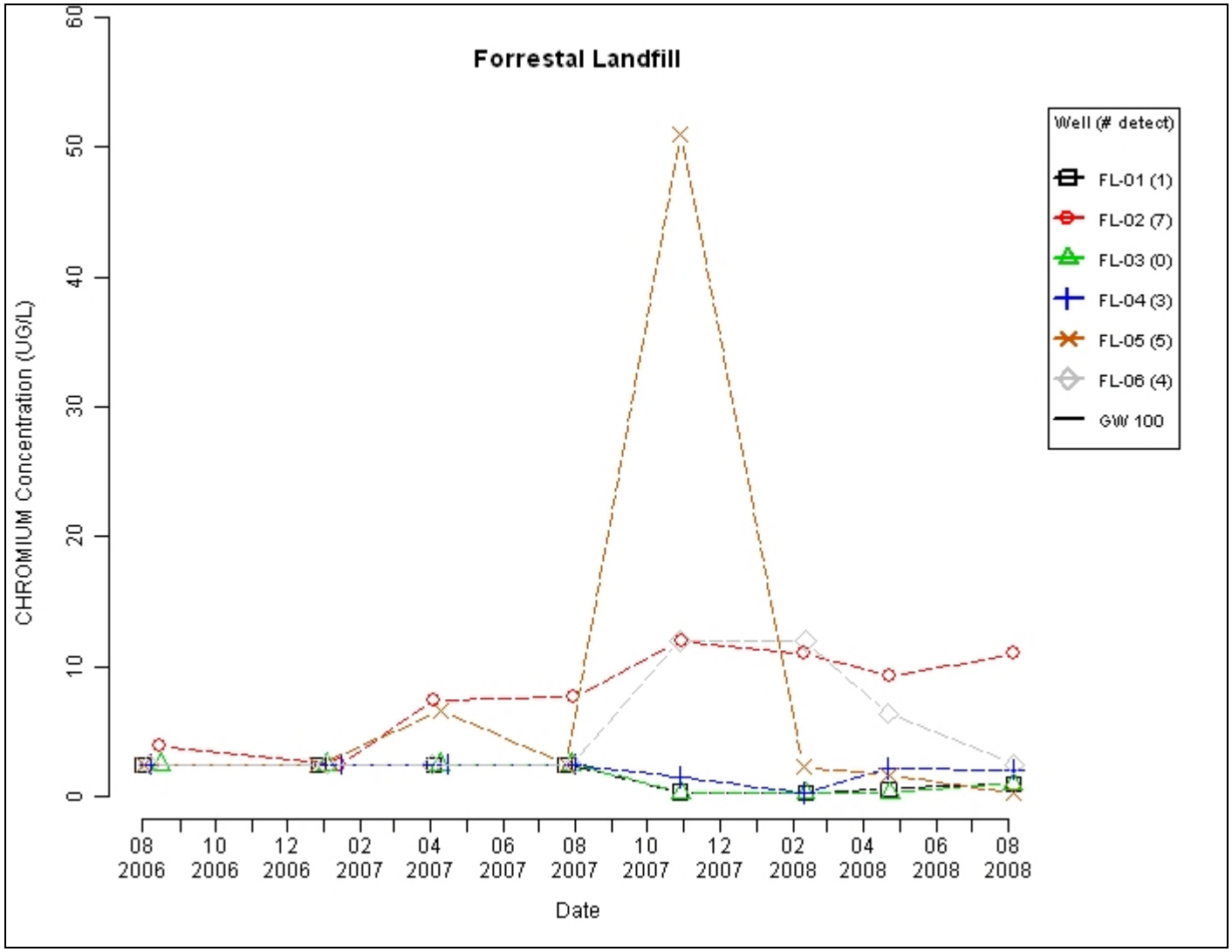

Forrestal Landfill
CAPROLACTAM Concentration (UG/L)
0
1
2
3
4
5
6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (1)
FL-03 (3)
FL-04 (2)
FL-05 (1)
FL-06 (0)
GW 3500

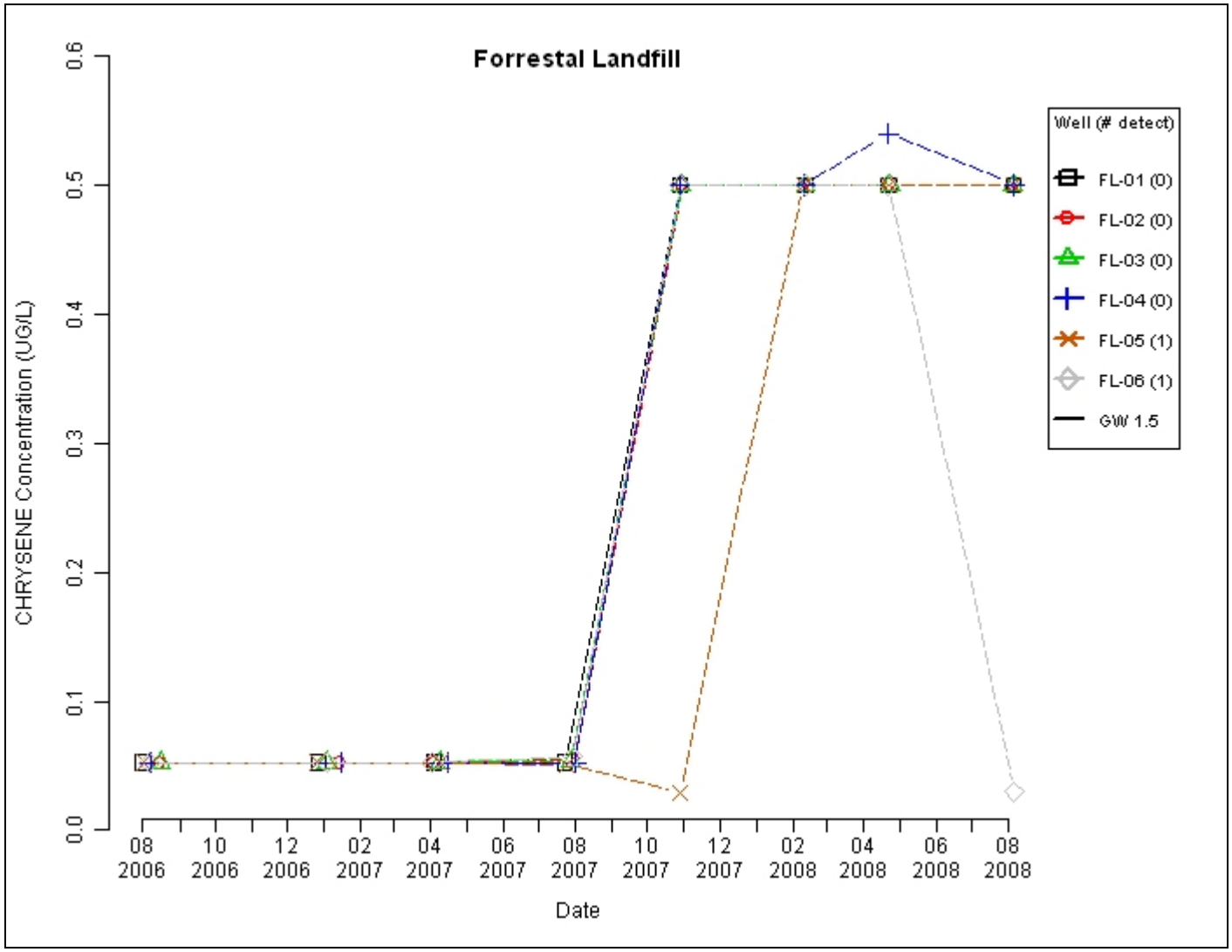

Forrestal Landfill
CARBAZOLE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 4

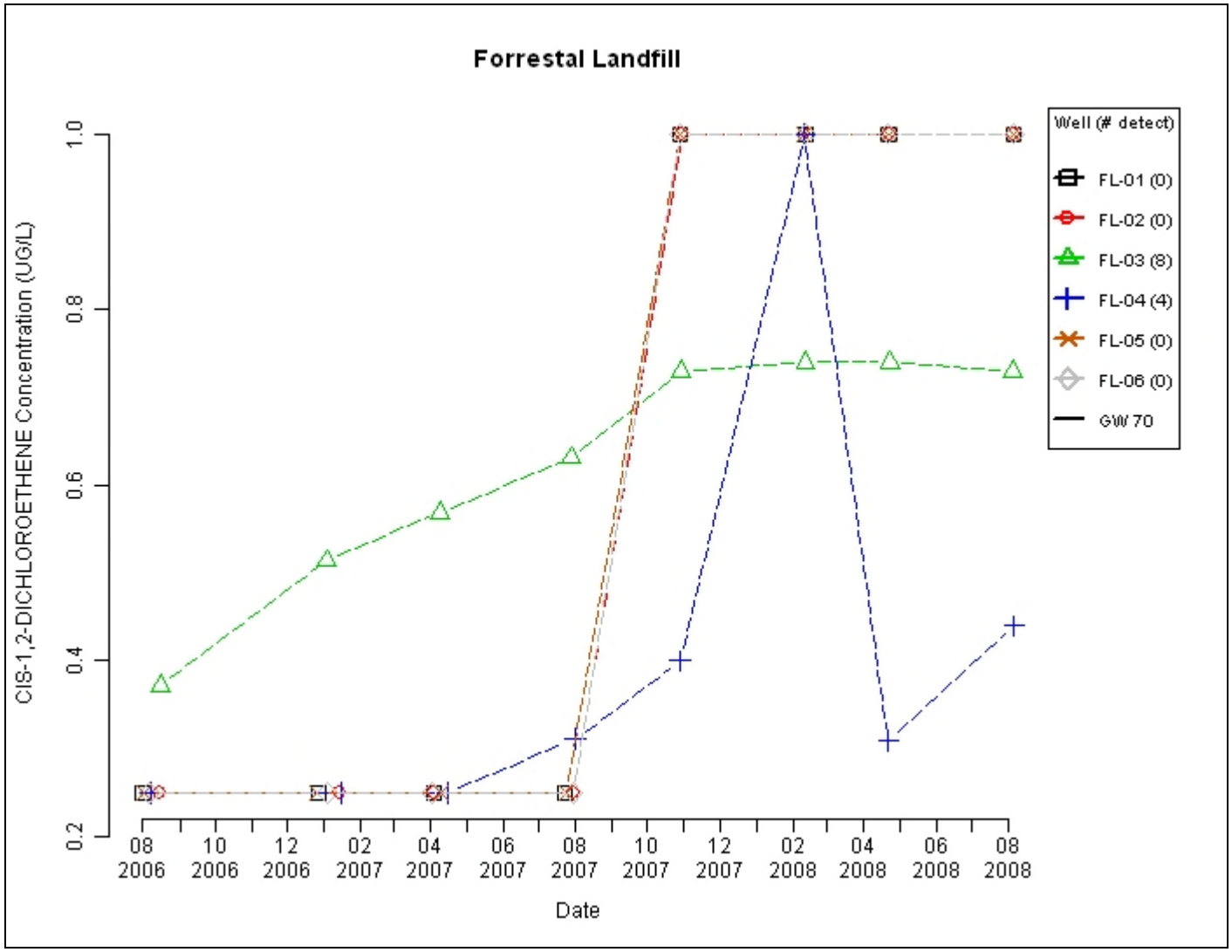

Forrestal Landfill
CHEMICAL OXYGEN DEMAND Concentration (MG/L)
0
50
100
150
200
250
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (5)
FL-02 (5)
FL-03 (7)
FL-04 (8)
FL-05 (7)
FL-06 (5)
GW NA

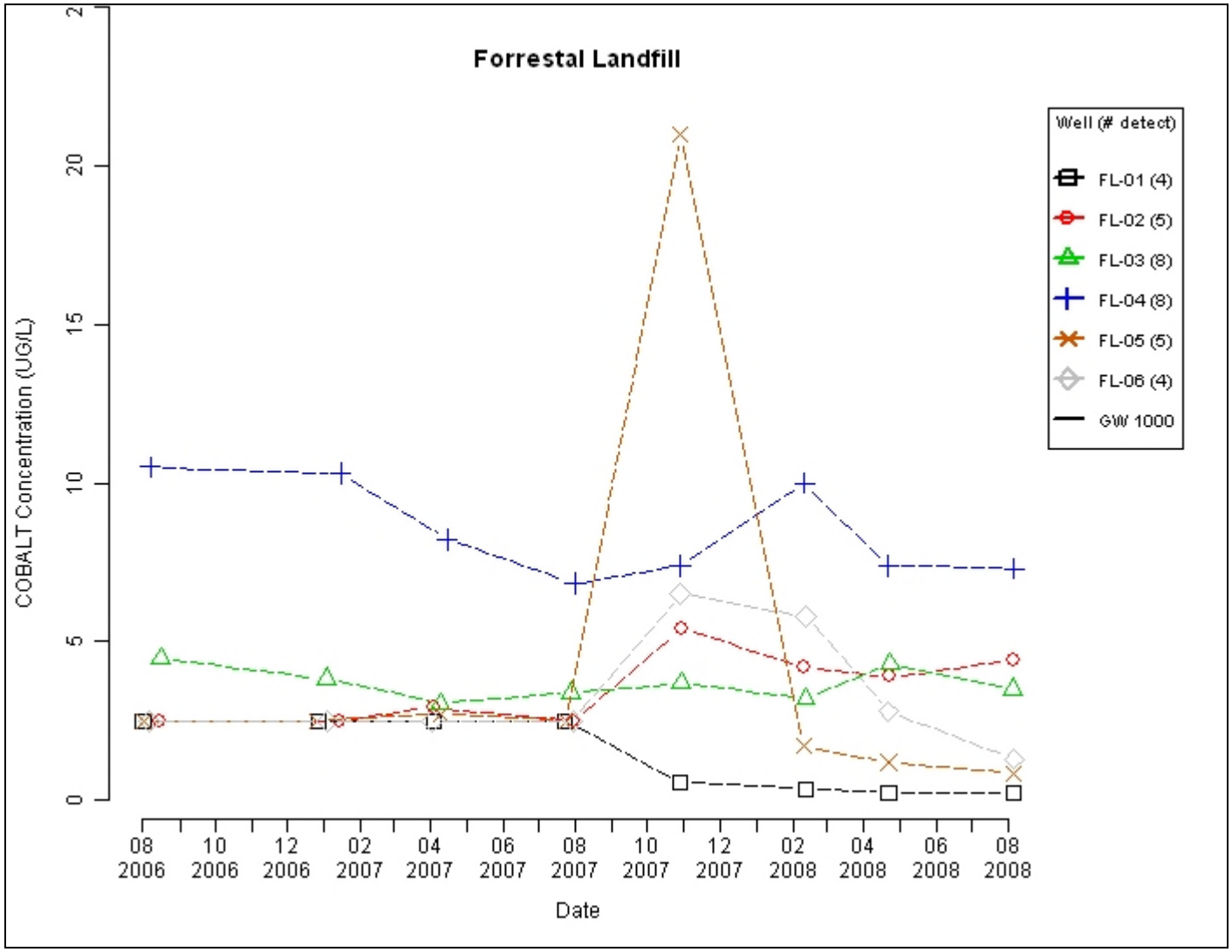

Forrestal Landfill
CHLORIDE Concentration (MG/L)
0
100
200
300
400
500
600
700
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 200

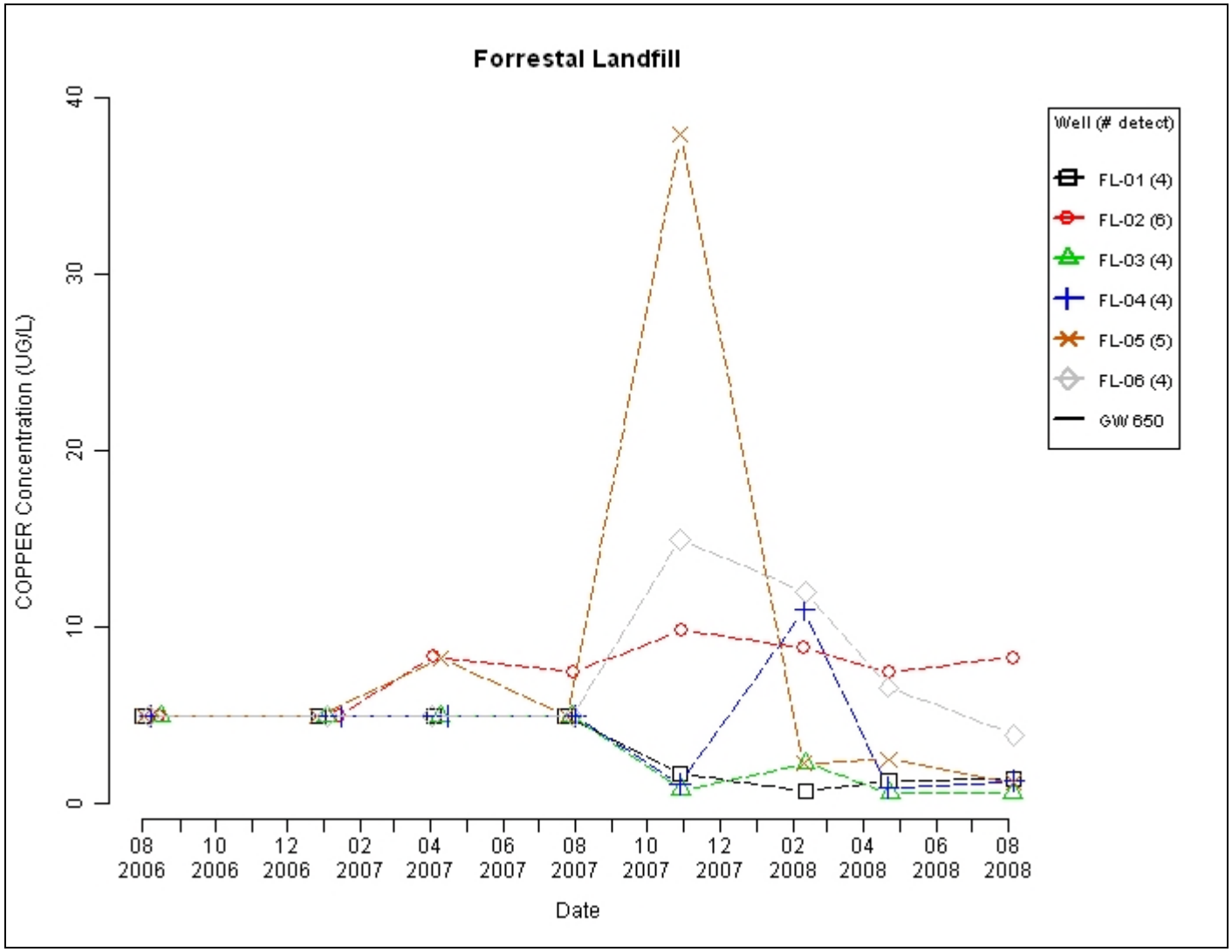

Forrestal Landfill
CHLOROMETHANE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (1)
FL-03 (1)
FL-04 (1)
FL-05 (1)
FL-06 (2)
GW 1.8

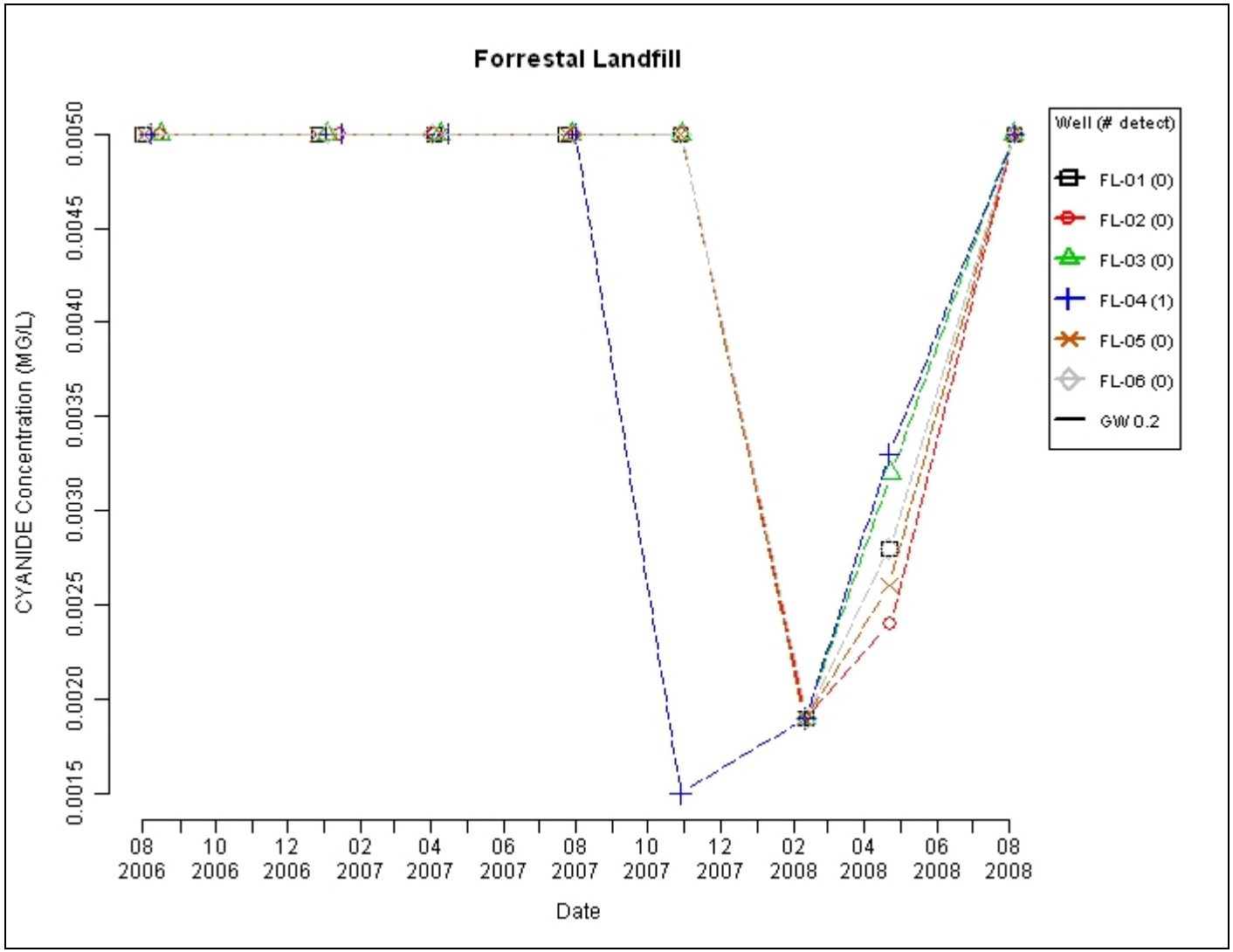

Forrestal Landfill
CHROMIUM Concentration (UG/L)
0
10
20
30
40
50
60
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (7)
FL-03 (0)
FL-04 (3)
FL-05 (5)
FL-06 (4)
GW 100

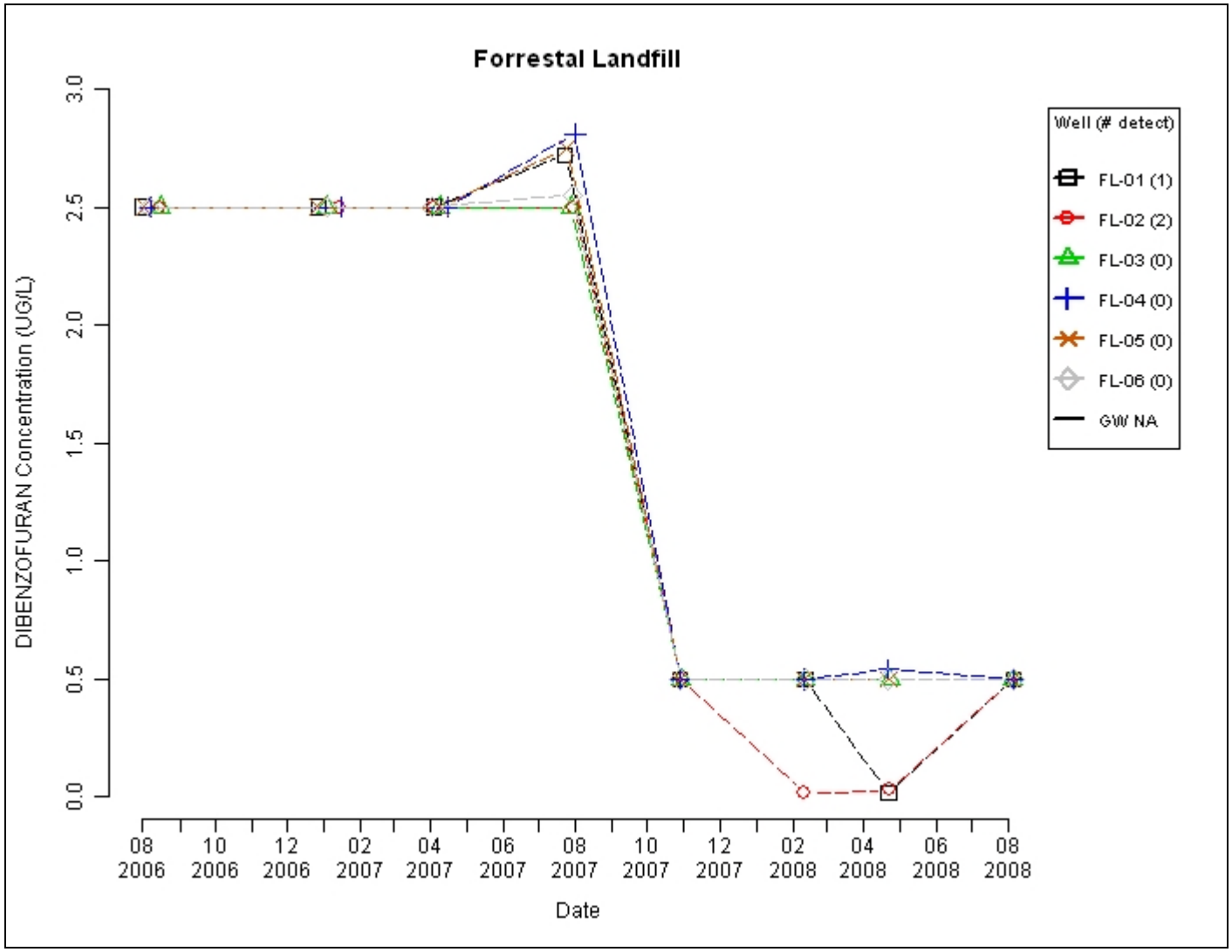

Forrestal Landfill
CHRYSENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (1)
GW 1.5

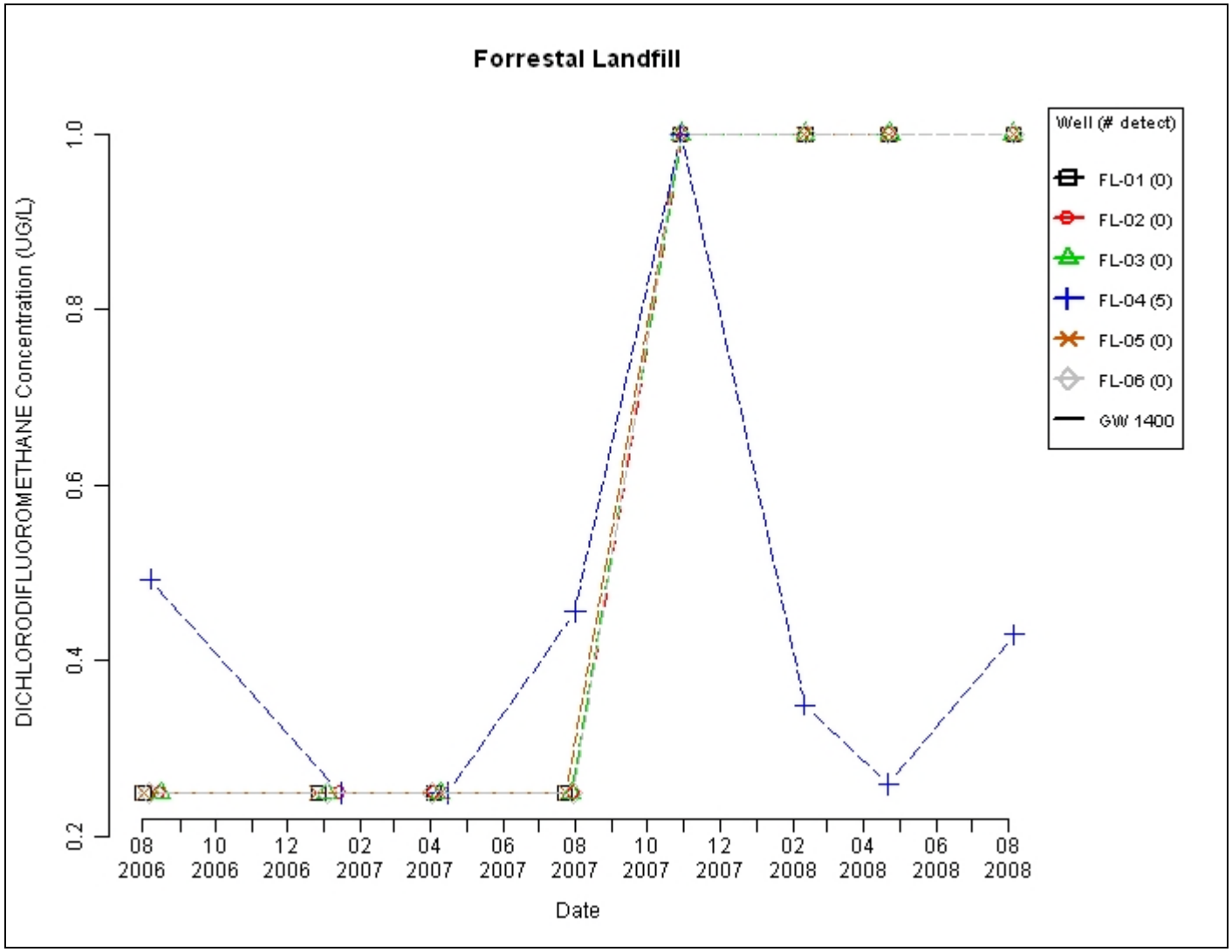

Forrestal Landfill
CIS-1,2-DICHLOROETHENE Concentration (UG/L)
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (8)
FL-04 (4)
FL-05 (0)
FL-06 (0)
GW 70

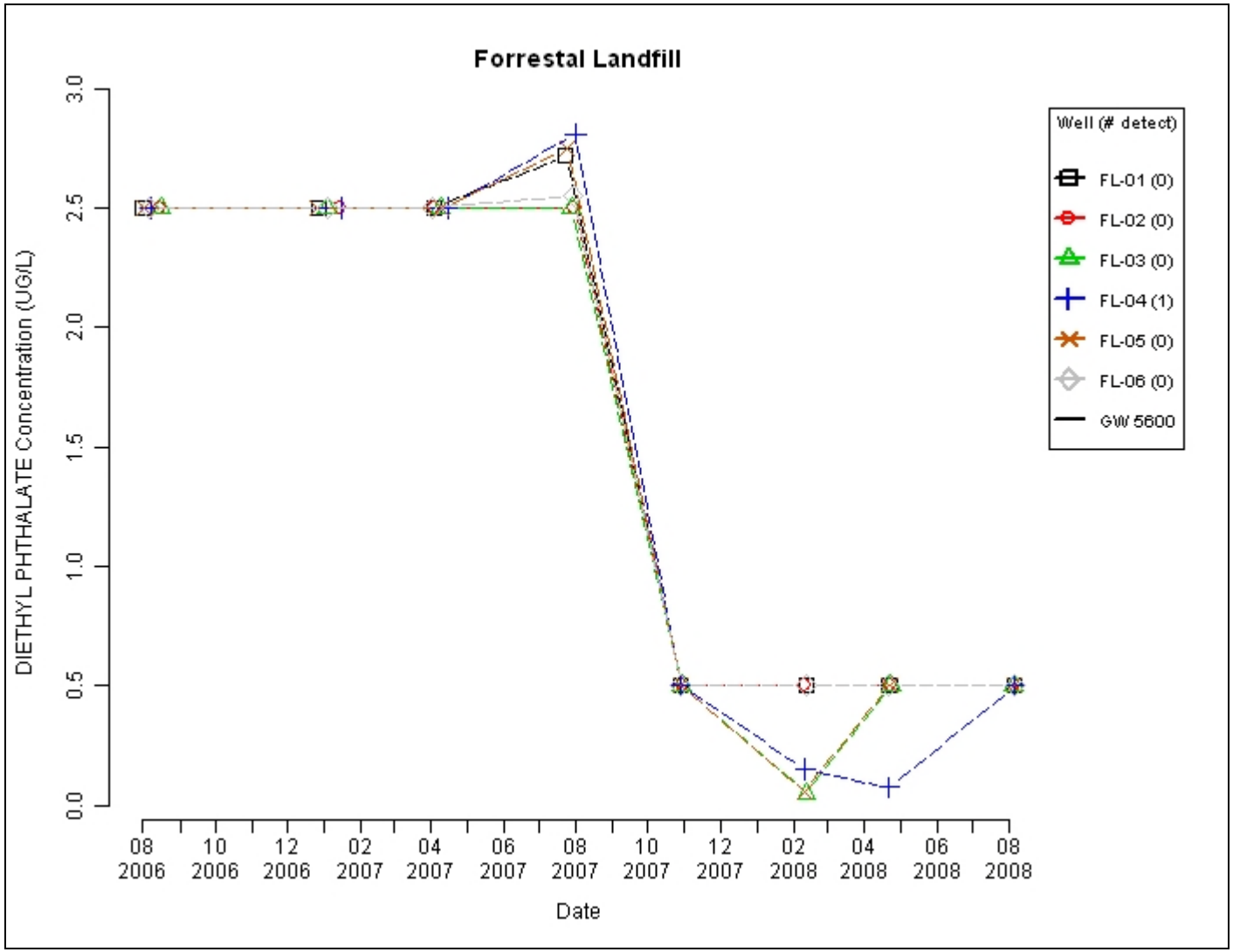

Forrestal Landfill
COBALT Concentration (UG/L)
0
5
10
15
20
25
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (5)
FL-03 (8)
FL-04 (8)
FL-05 (5)
FL-06 (4)
GW 1000

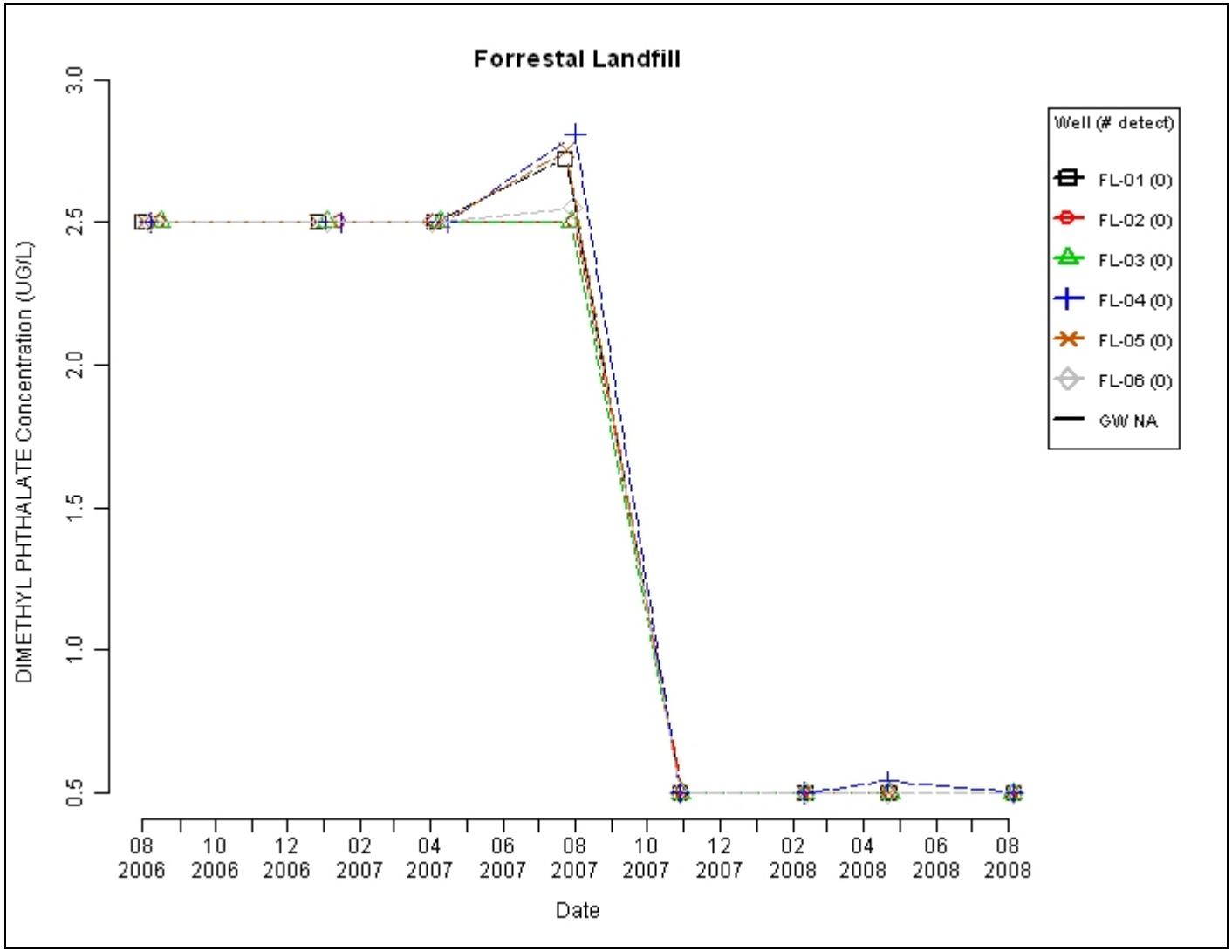

Forrestal Landfill
COPPER Concentration (UG/L)
0
10
20
30
40
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (6)
FL-03 (4)
FL-04 (4)
FL-05 (5)
FL-06 (4)
GW 650

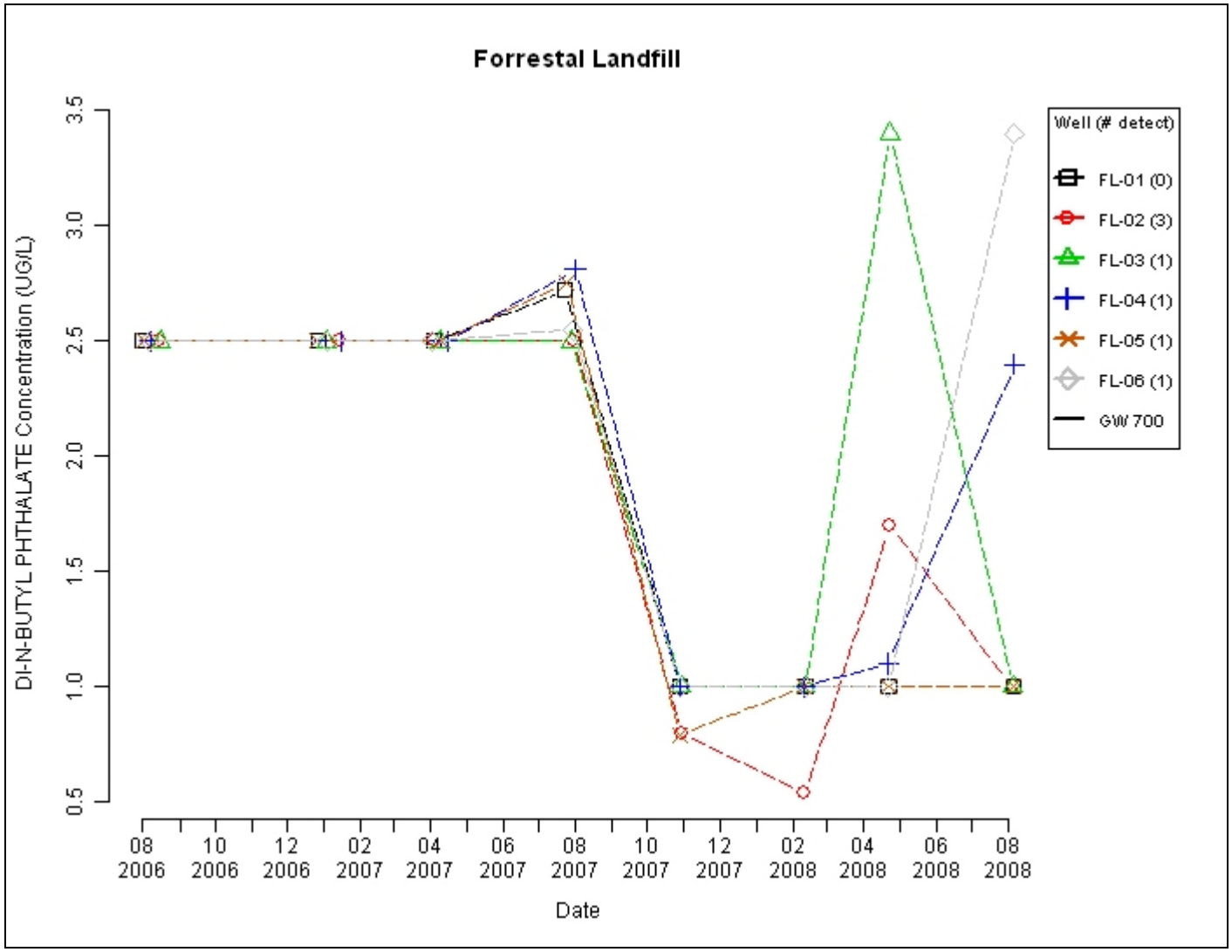

Forrestal Landfill
CYANIDE Concentration (MG/L)
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 0.2

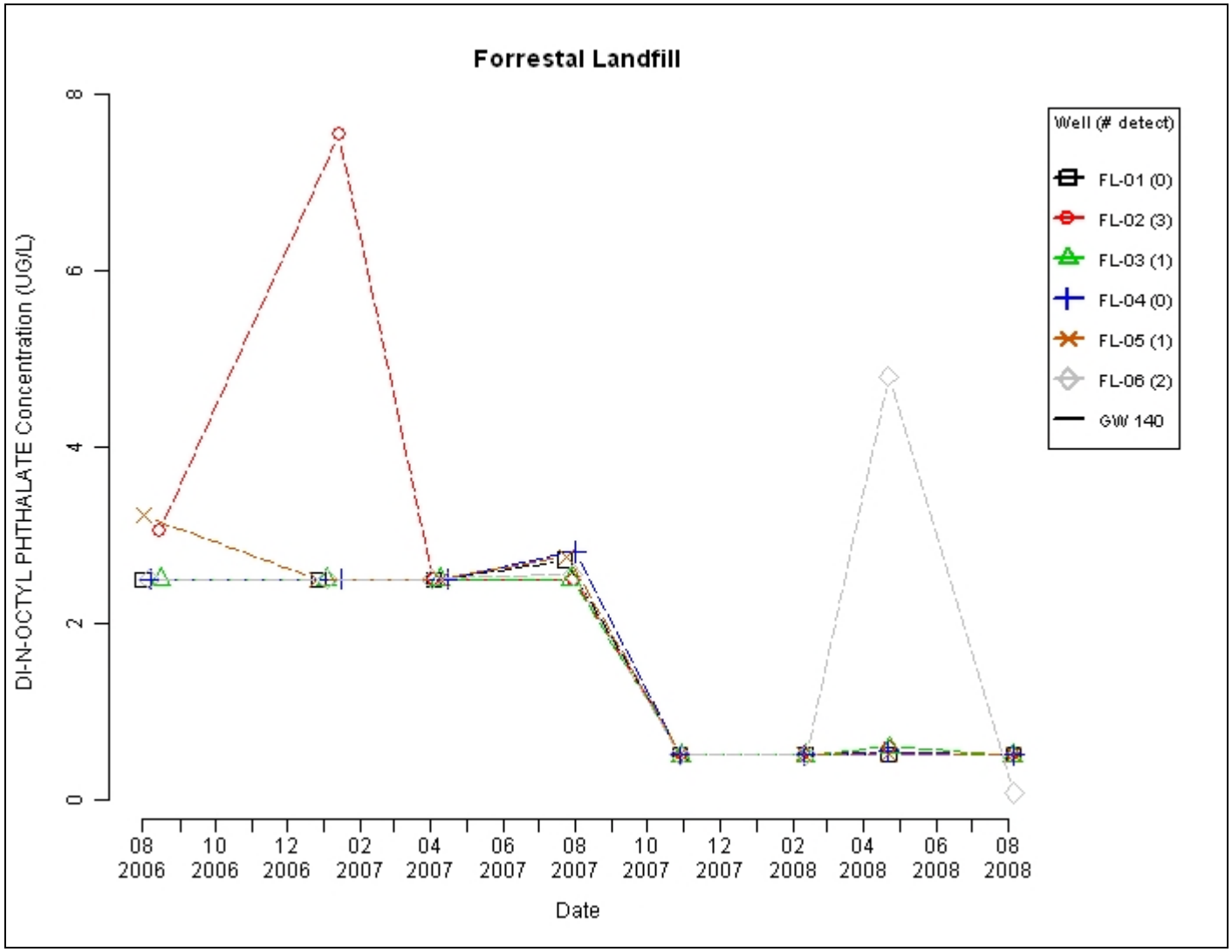

Forrestal Landfill
DIBENZOFURAN Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (2)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW NA

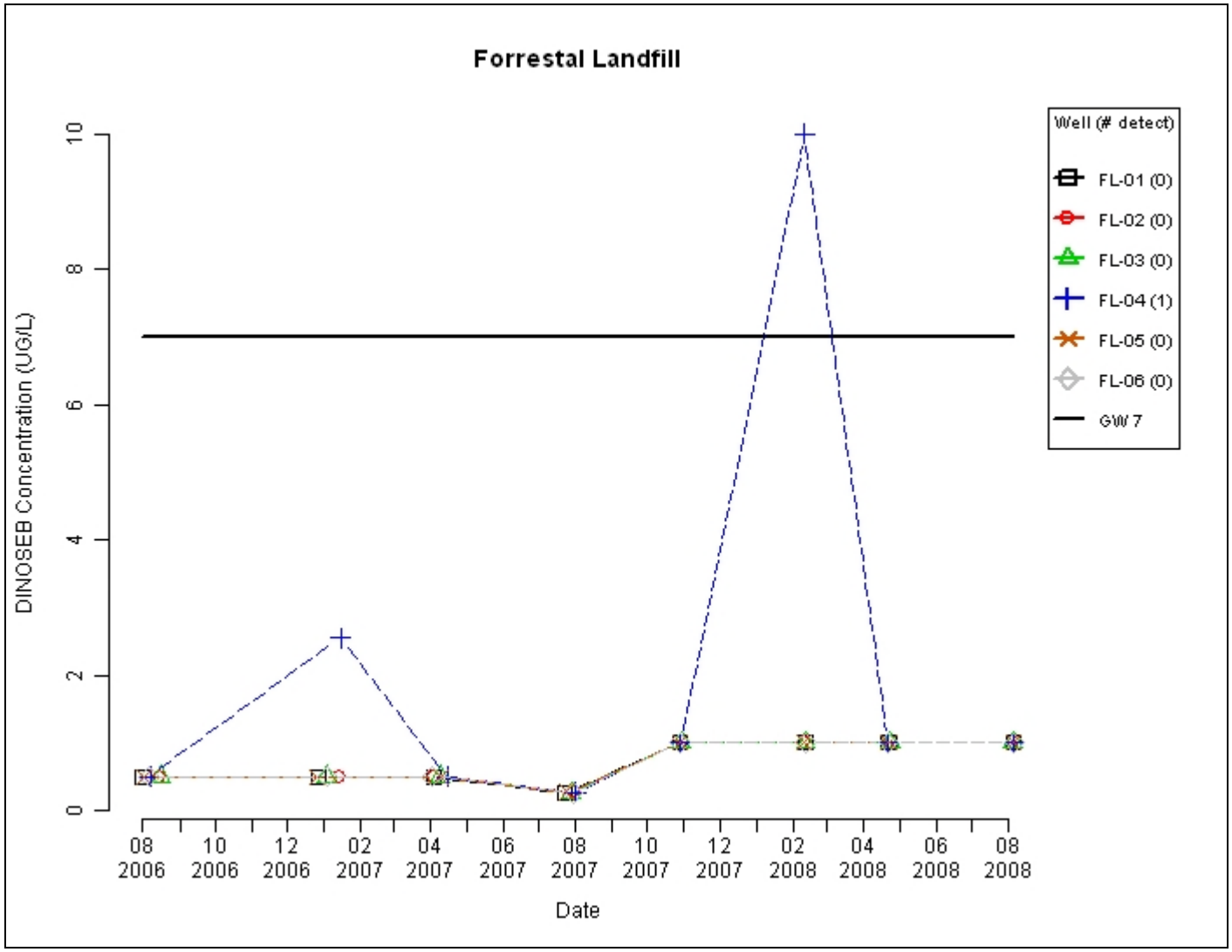

Forrestal Landfill
DICHLORODIFLUOROMETHANE Concentration (UG/L)
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (5)
FL-05 (0)
FL-06 (0)
GW 1400

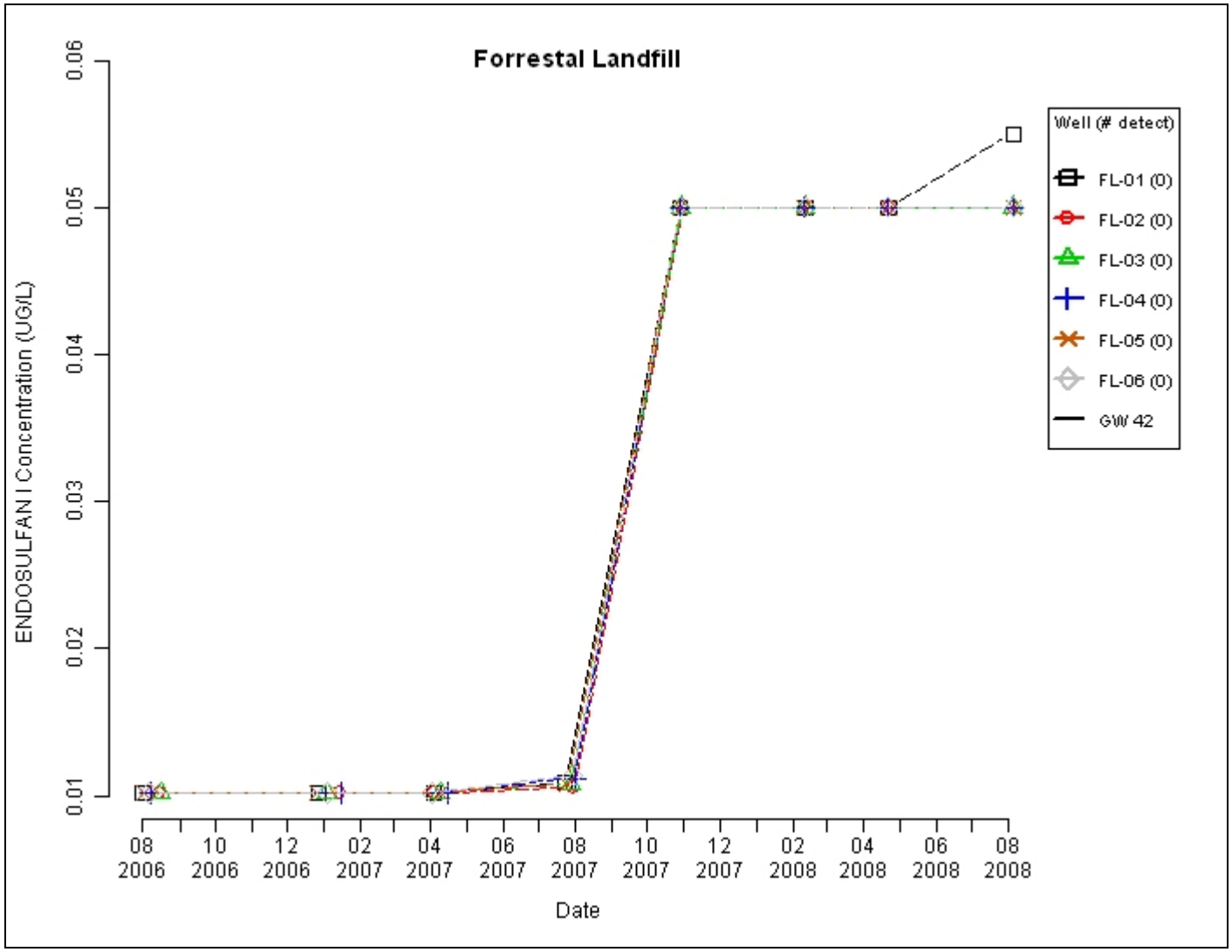

Forrestal Landfill
DIETHYL PHTHALATE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 5600

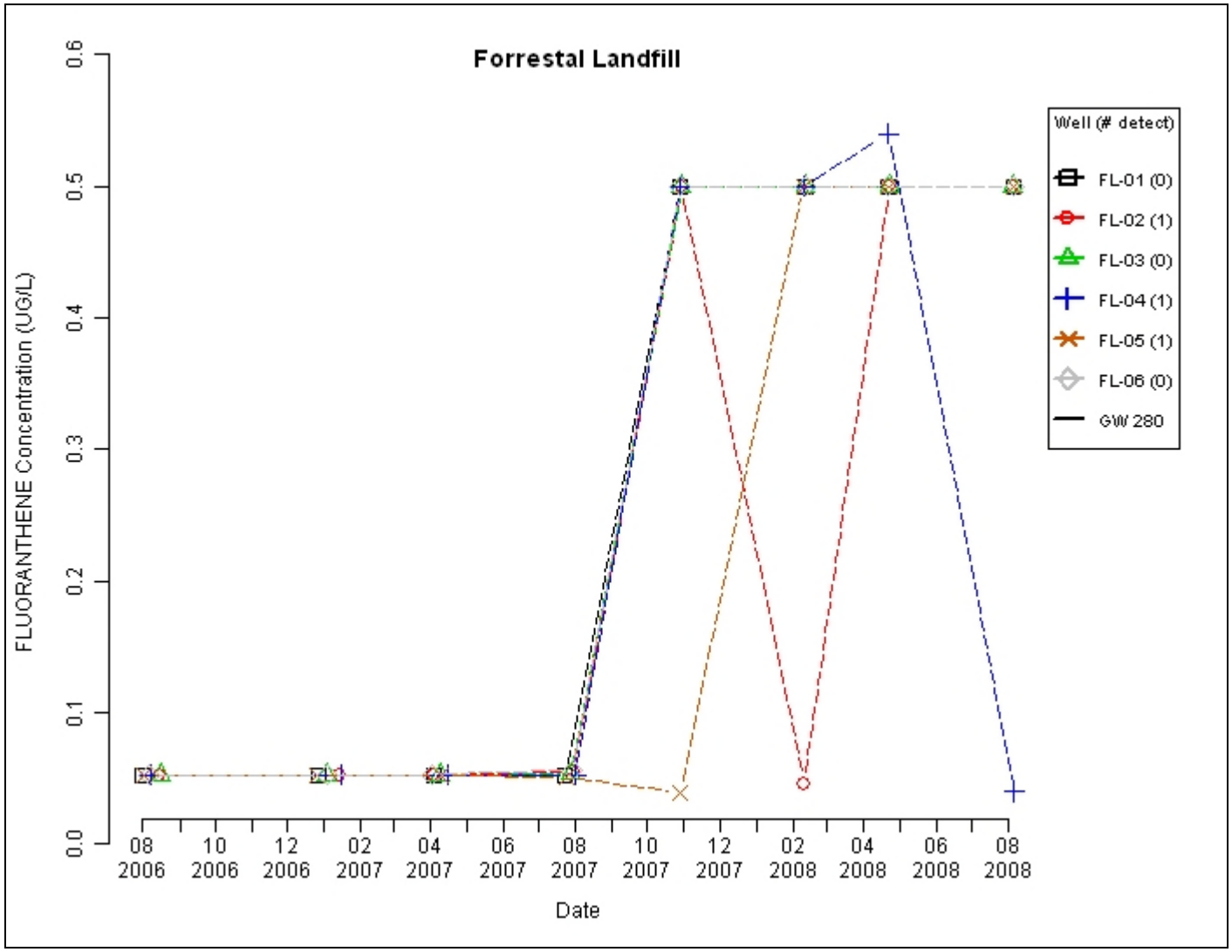

Forrestal Landfill
DIMETHYL PHTHALATE Concentration (UG/L)
3.0
2.5
2.0
1.5
1.0
0.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW NA

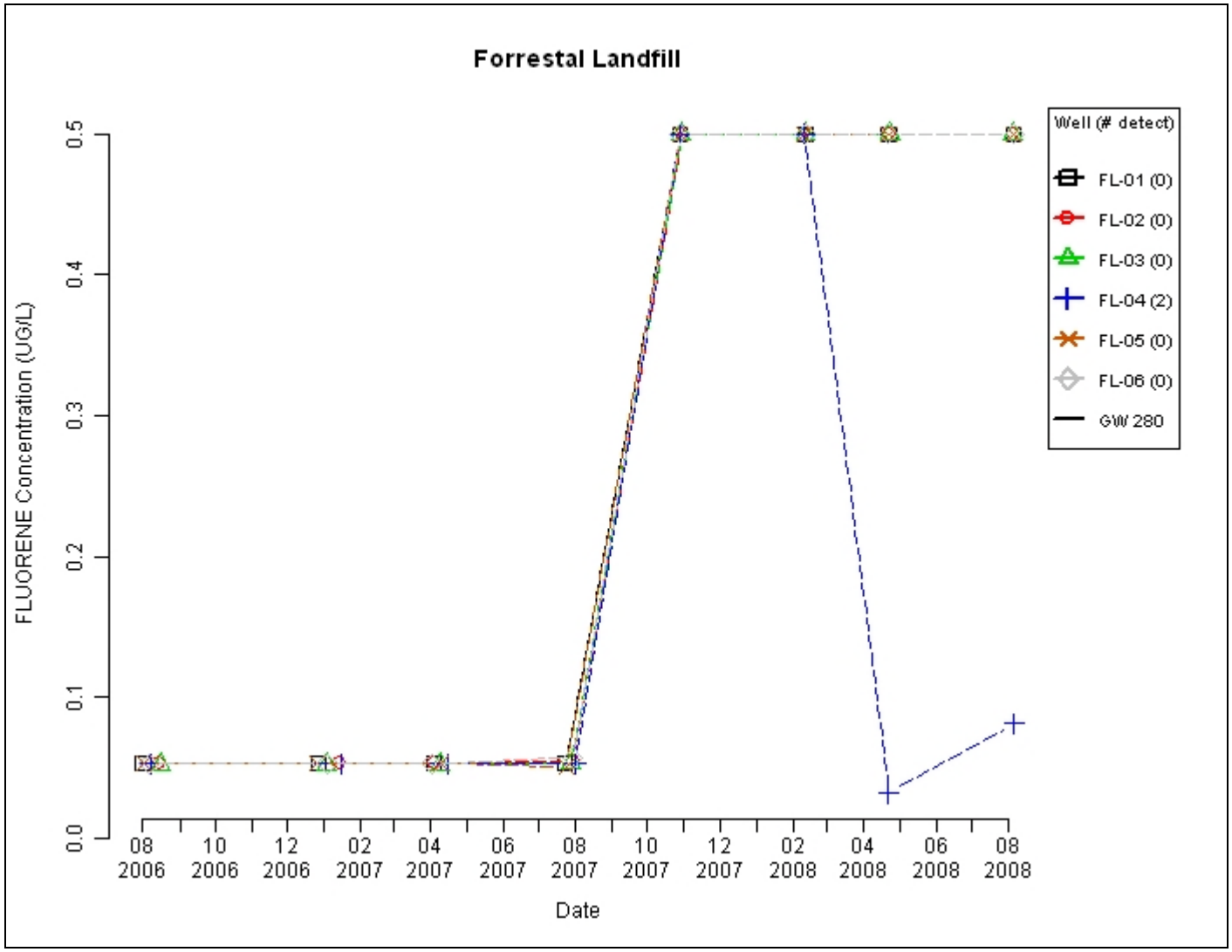

Forrestal Landfill
DI-N-BUTYL PHTHALATE Concentration (UG/L)
0.5
1.0
1.5
2.0
2.5
3.0
3.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (3)
FL-03 (1)
FL-04 (1)
FL-05 (1)
FL-06 (1)
GW 700

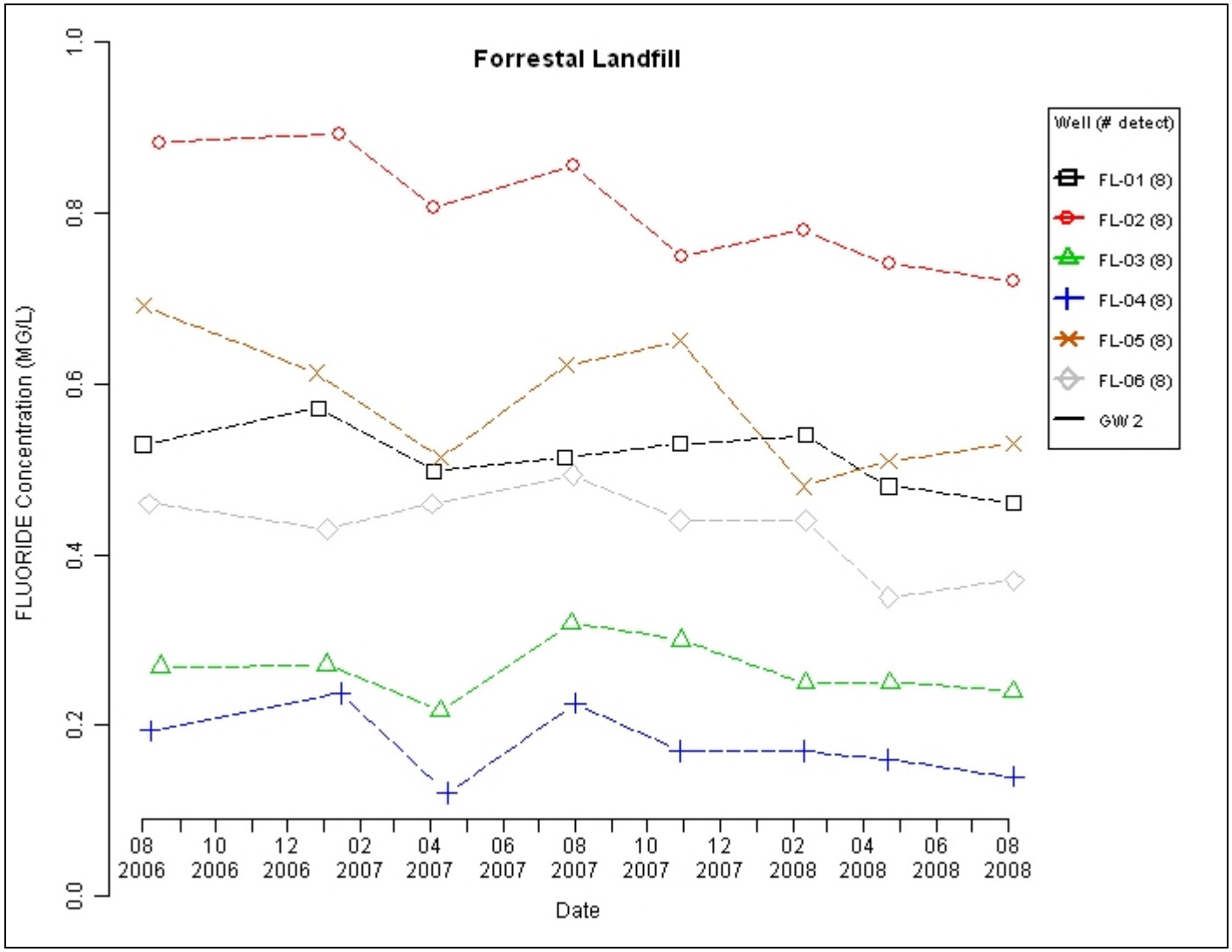

Forrestal Landfill
DI-N-OCTYL PHTHALATE Concentration (UG/L)
0
2
4
6
8
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (3)
FL-03 (1)
FL-04 (0)
FL-05 (1)
FL-06 (2)
GW 140

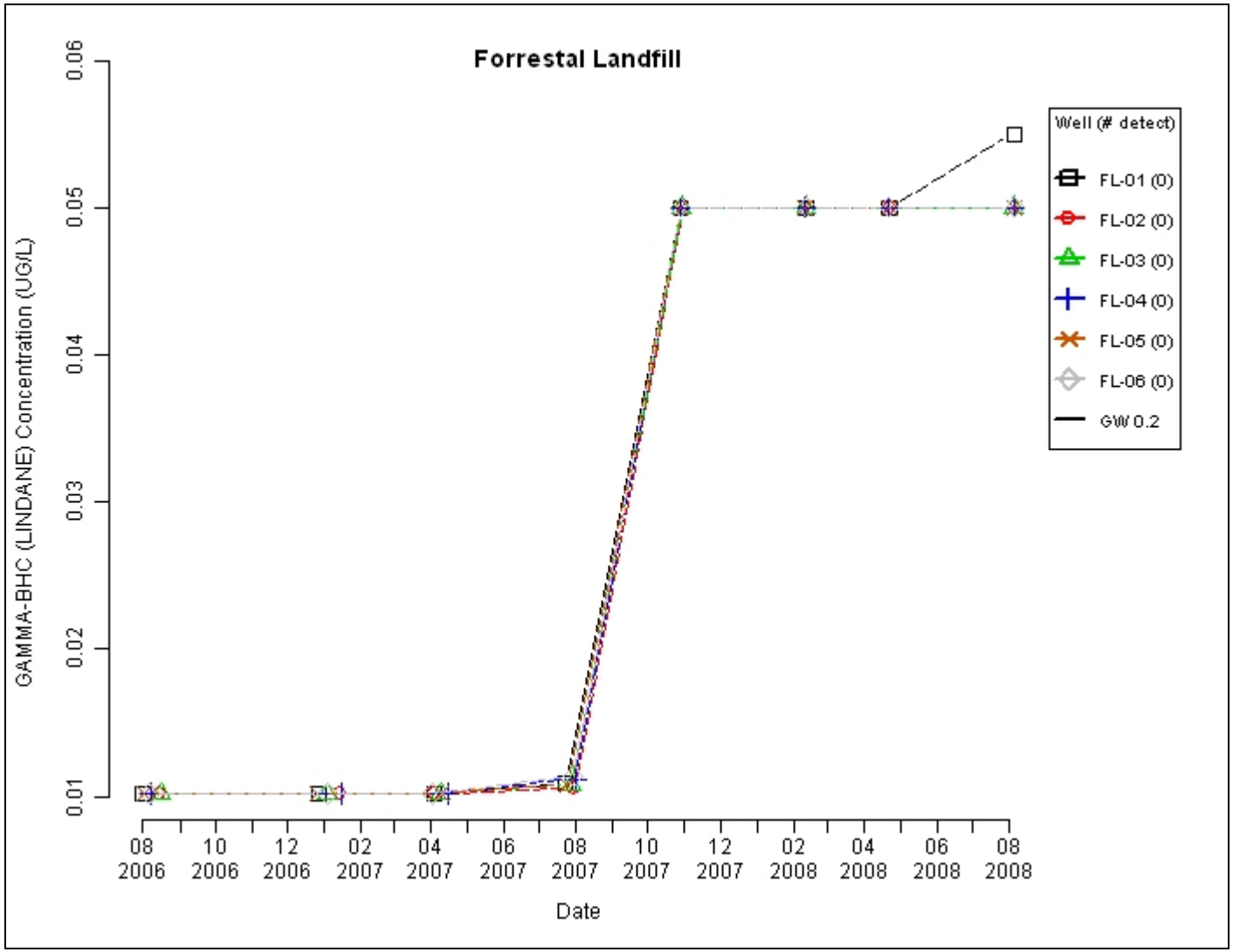

Forrestal Landfill
DINOSEB Concentration (UG/L)
0
2
4
6
8
10
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 7

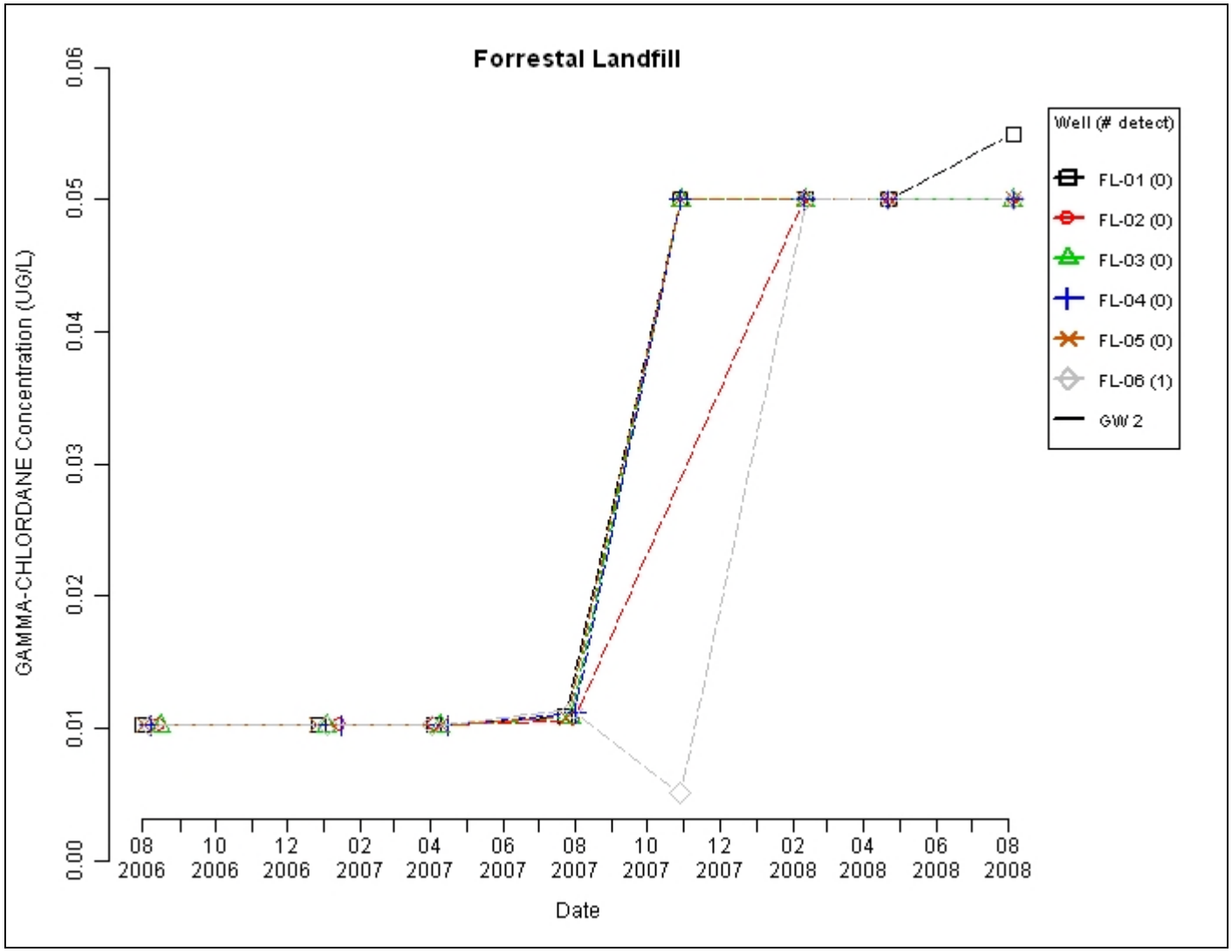

Forrestal Landfill
ENDOSULFAN I Concentration (UG/L)
0.01
0.02
0.03
0.04
0.05
0.06
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 42

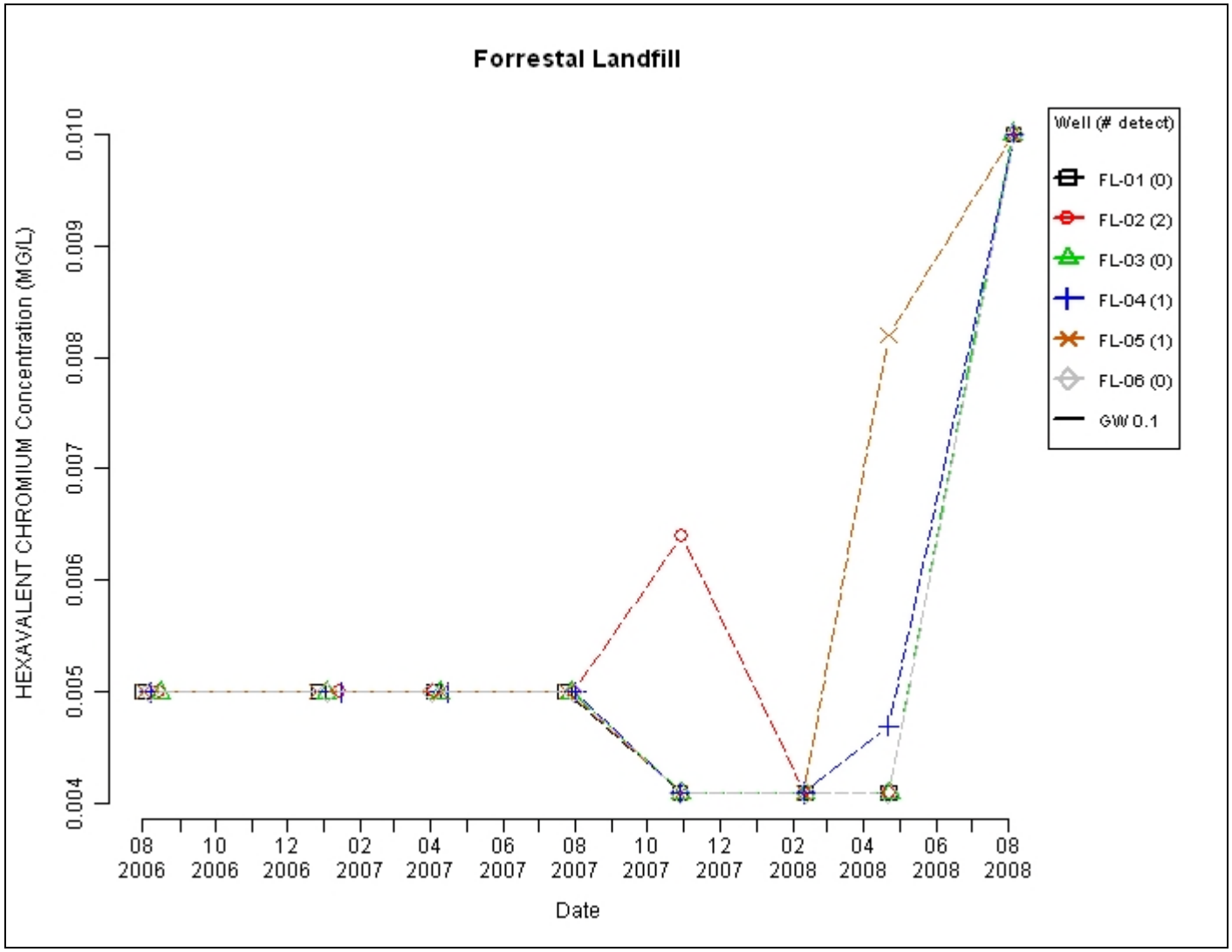

Forrestal Landfill
FLUORANTHENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (1)
FL-03 (0)
FL-04 (1)
FL-05 (1)
FL-06 (0)
GW 280

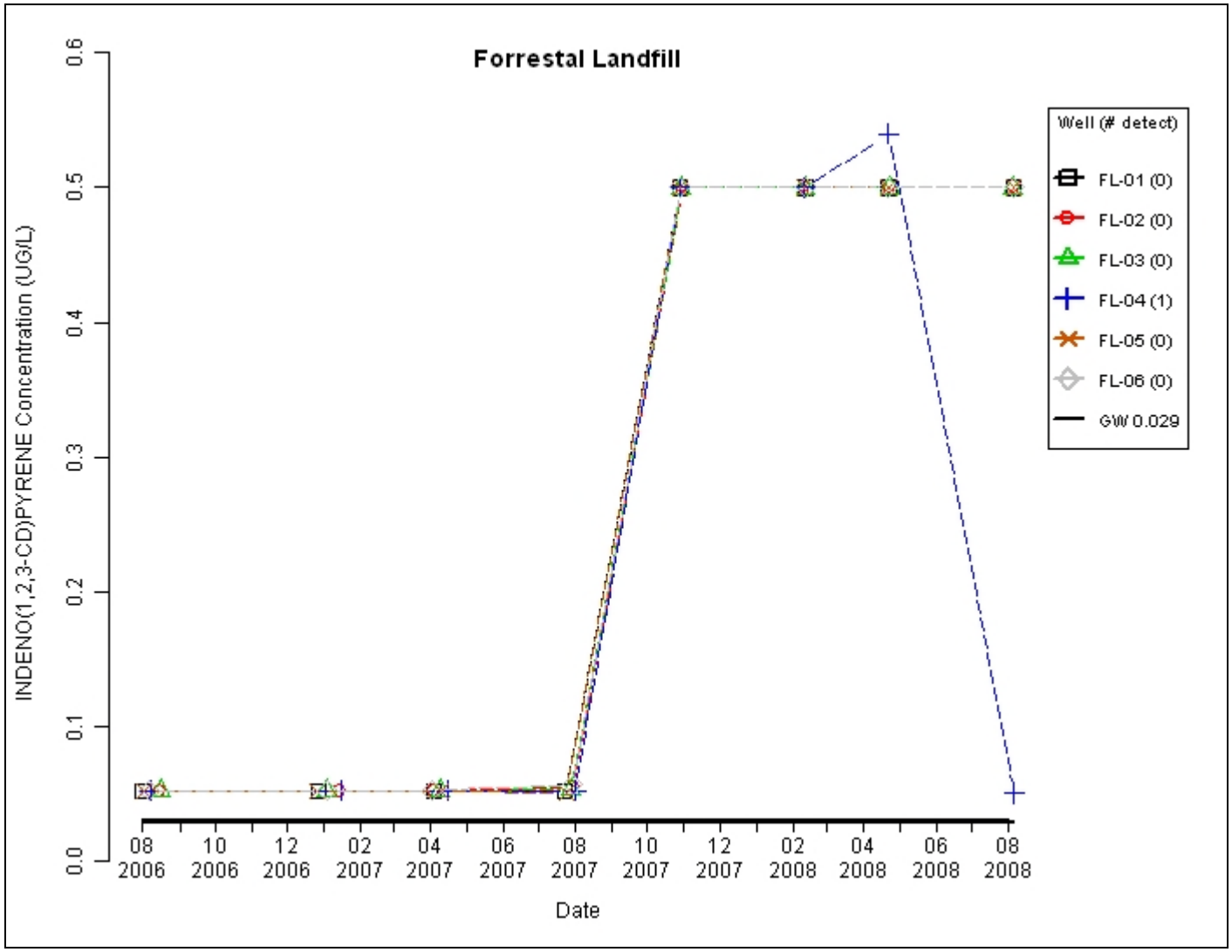

Forrestal Landfill
FLUORENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (2)
FL-05 (0)
FL-06 (0)
GW 280

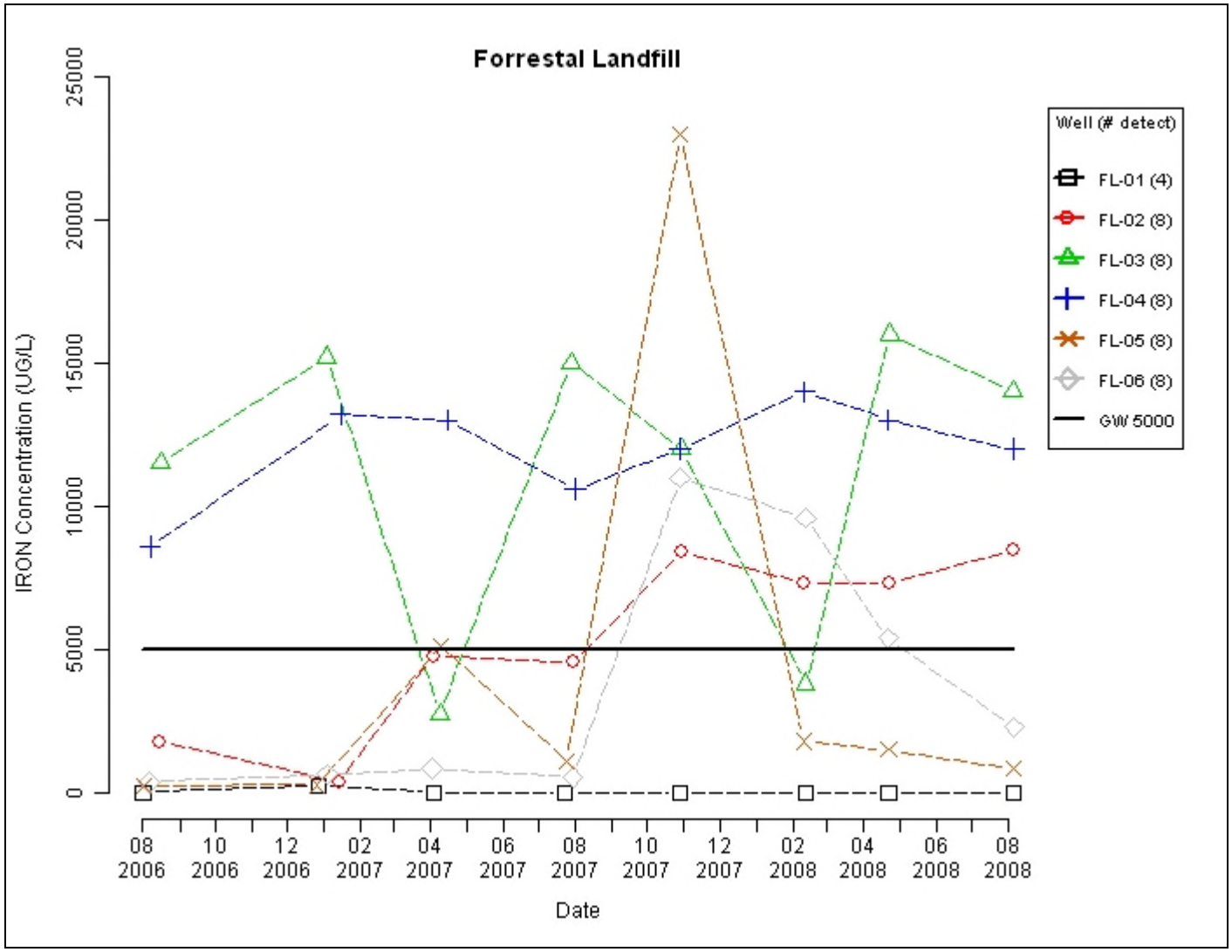

Forrestal Landfill
FLUORIDE Concentration (MG/L)
0.0
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 2

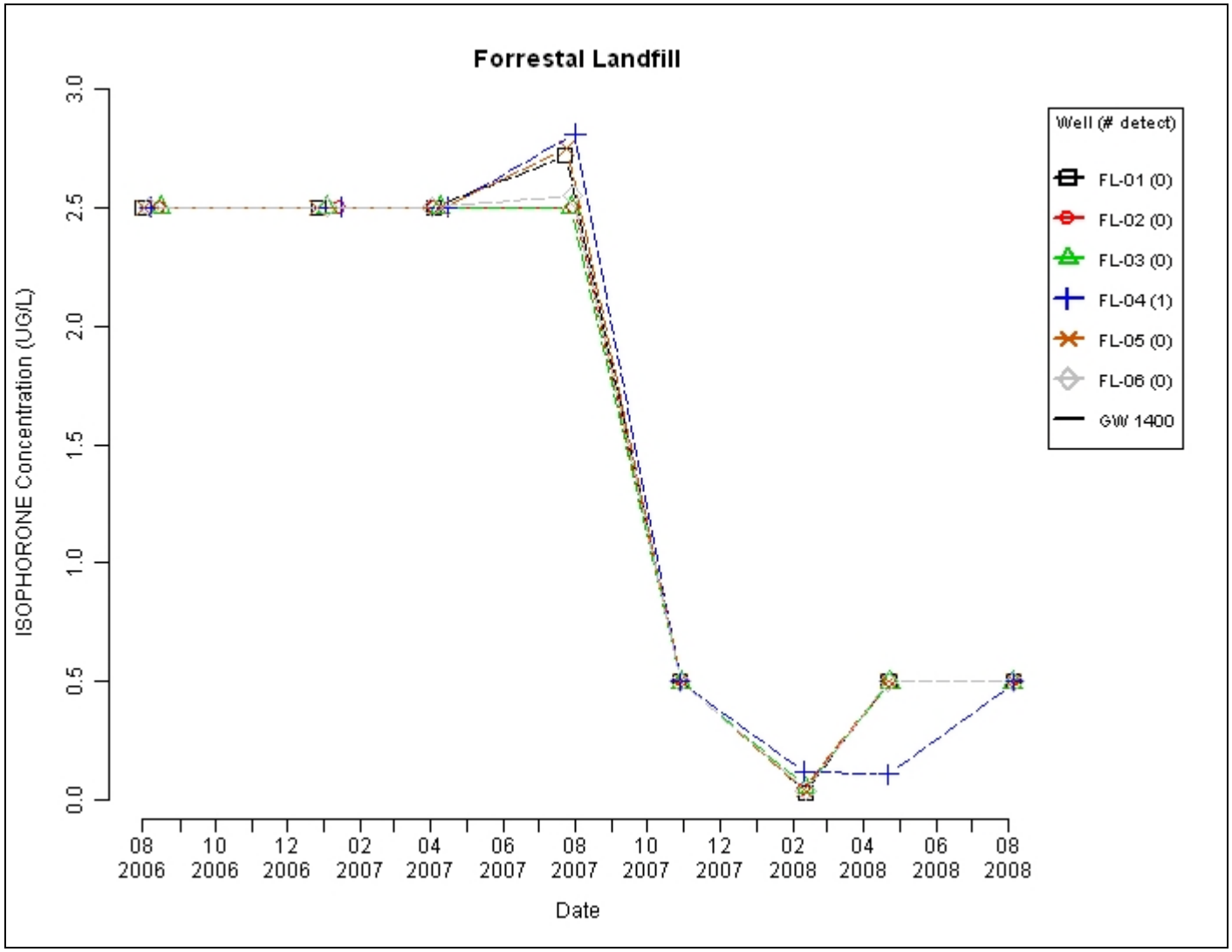

Forrestal Landfill
GAMMA-BHC (LINDANE) Concentration (UG/L)
0.01
0.02
0.03
0.04
0.05
0.06
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 0.2

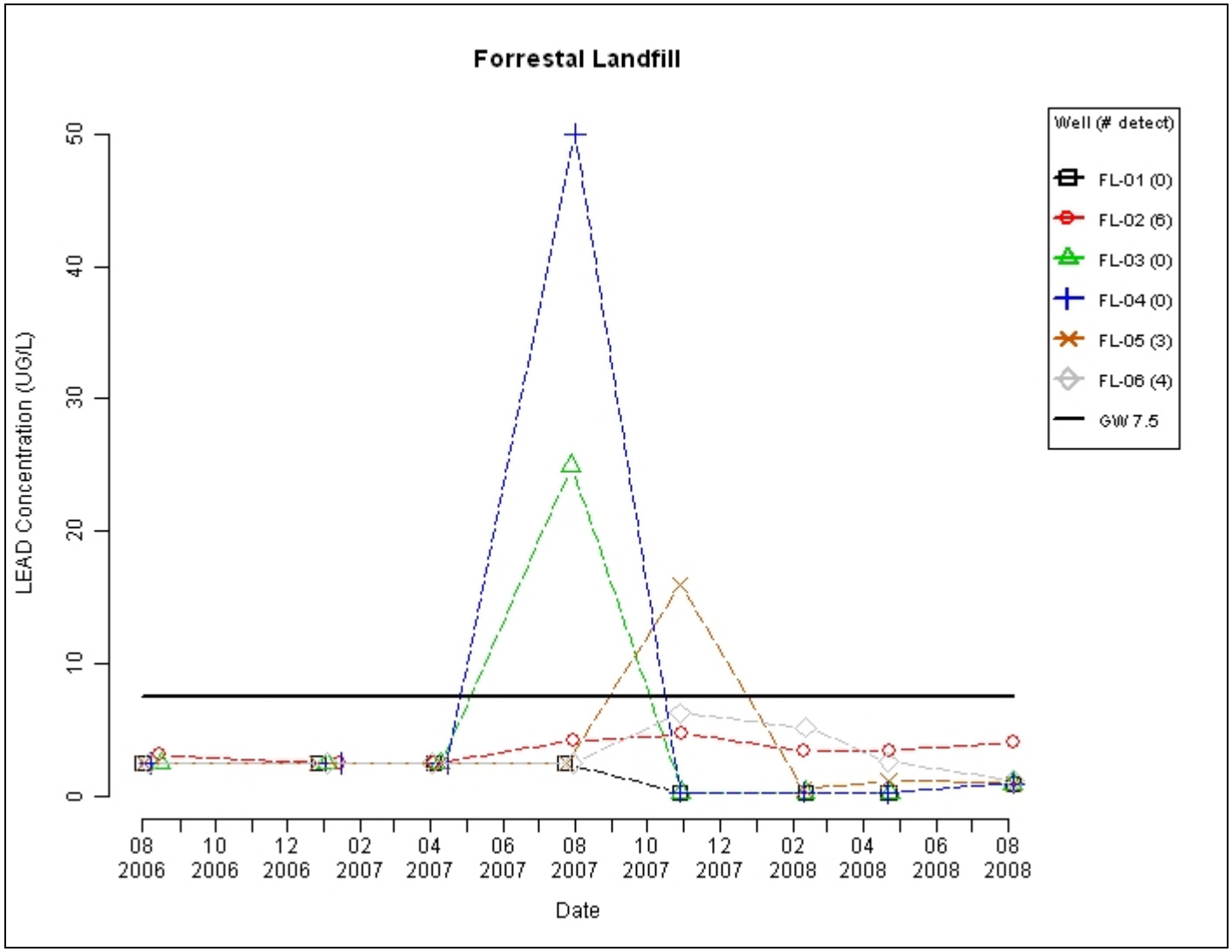

Forrestal Landfill
GAMMA-CHLORDANE Concentration (UG/L)
0.00
0.01
0.02
0.03
0.04
0.05
0.06
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (1)
GW 2

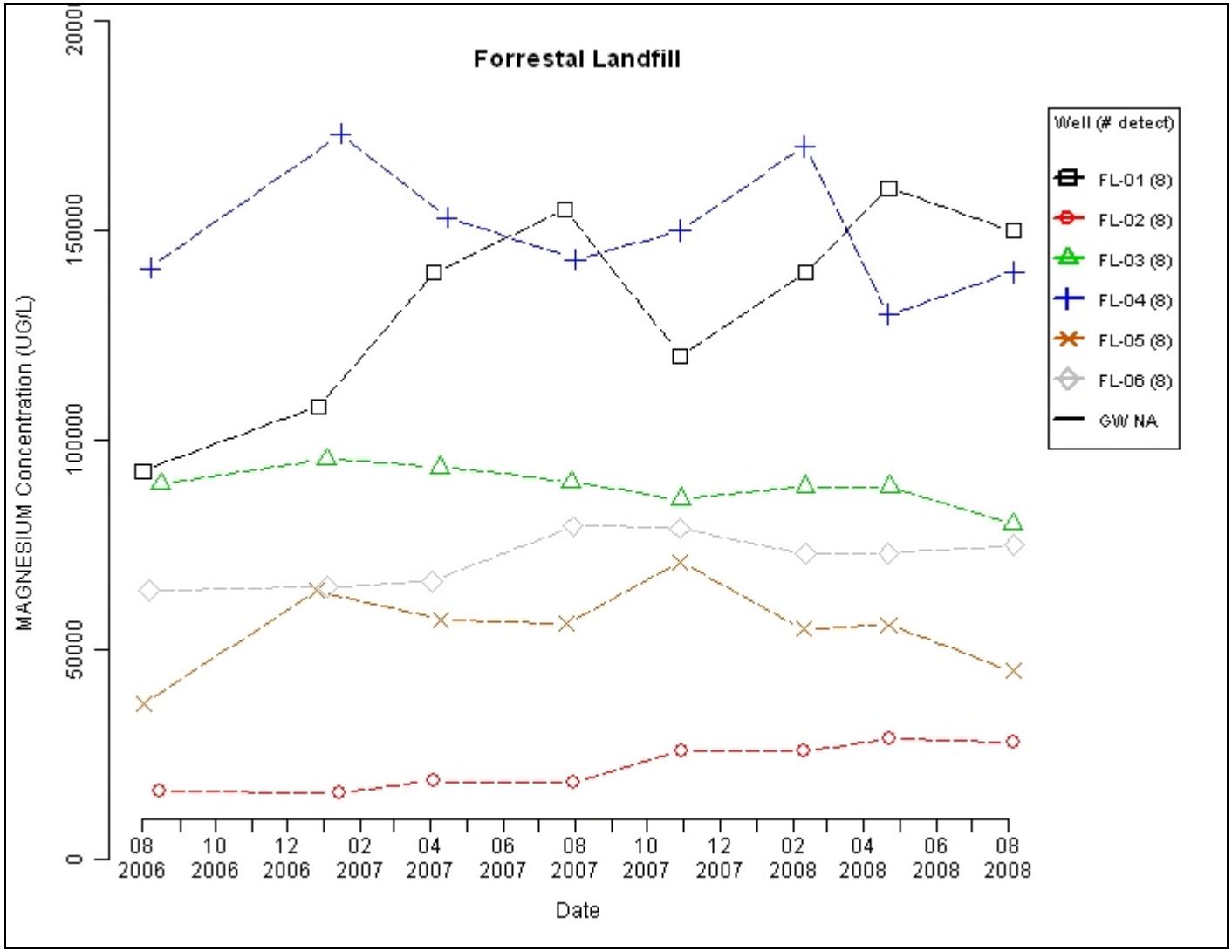

Forrestal Landfill
HEXAVALENT CHROMIUM Concentration (MG/L)
0.004
0.005
0.006
0.007
0.008
0.009
0.010
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (2)
FL-03 (0)
FL-04 (1)
FL-05 (1)
FL-06 (0)
GW 0.1

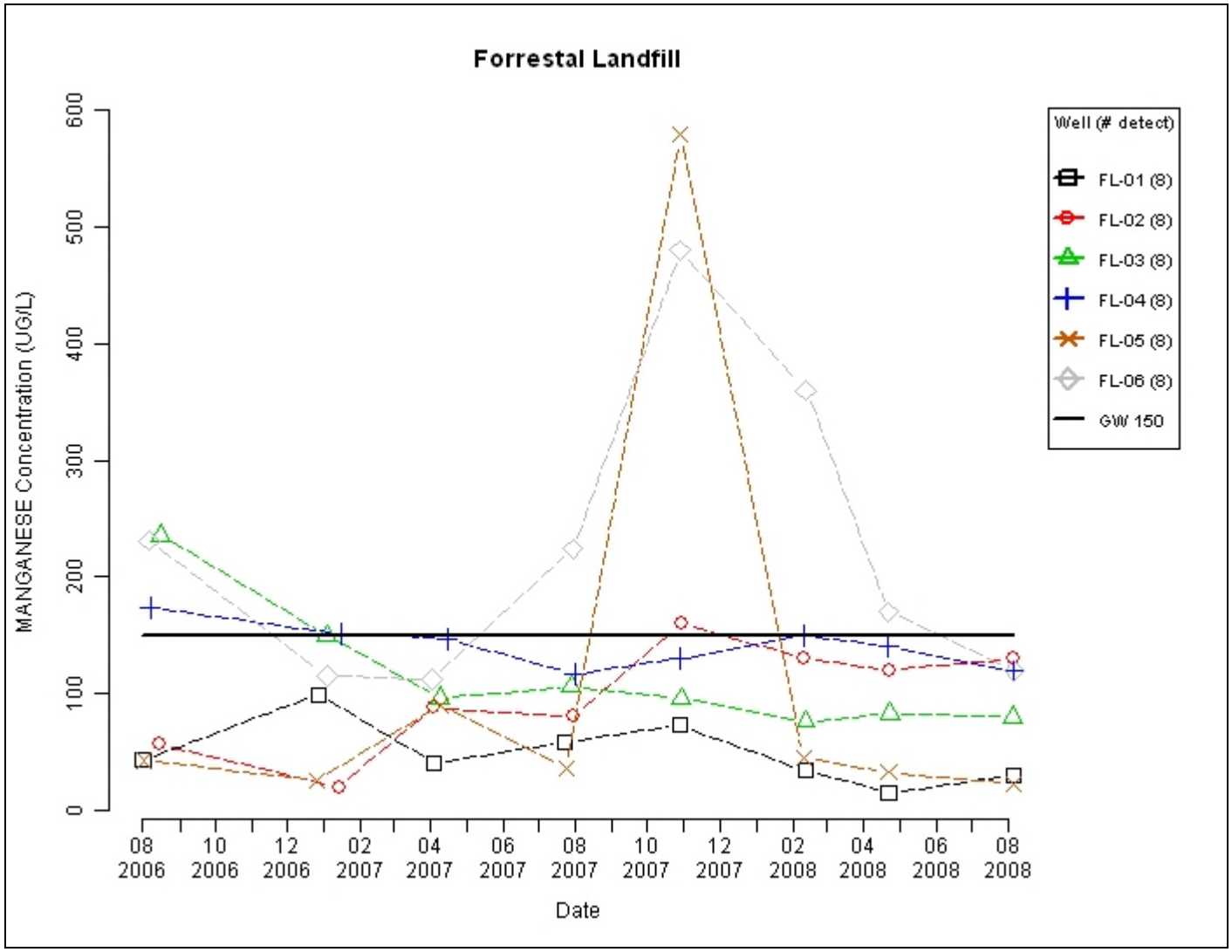

Forrestal Landfill
INDENO(1,2,3-CD)PYRENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 0.029

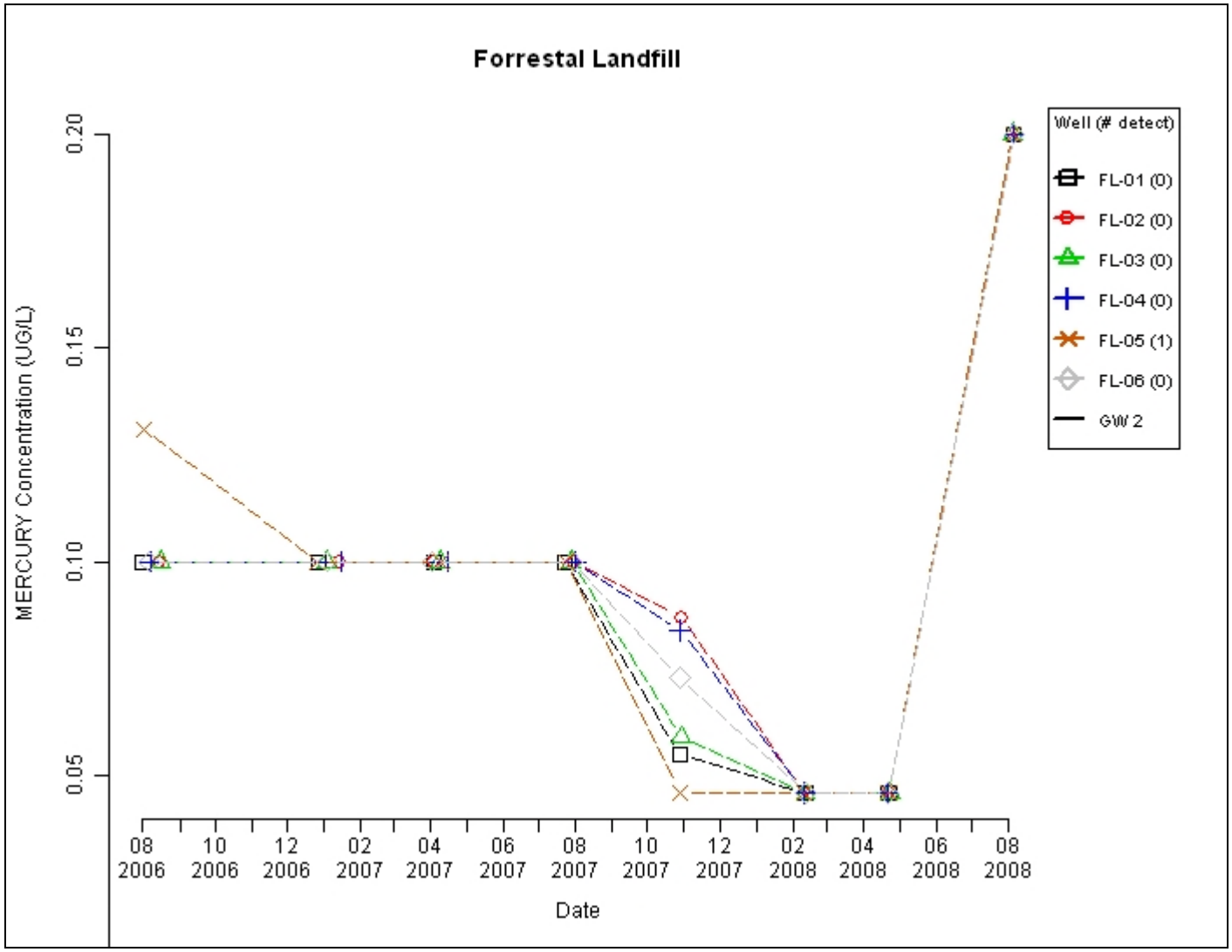

Forrestal Landfill
IRON Concentration (UG/L)
0
5000
10000
15000
20000
25000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 5000

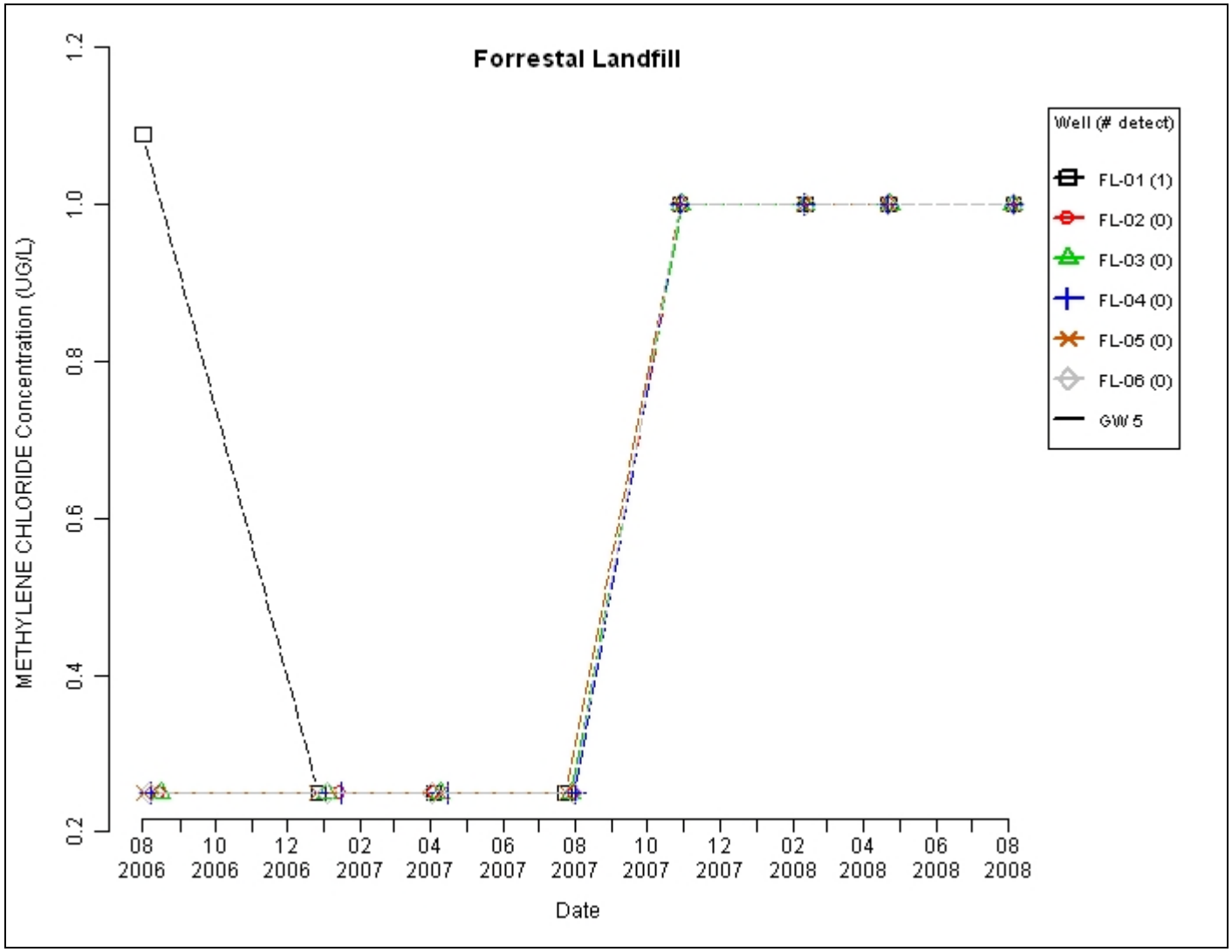

Forrestal Landfill
ISOPHORONE Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 1400

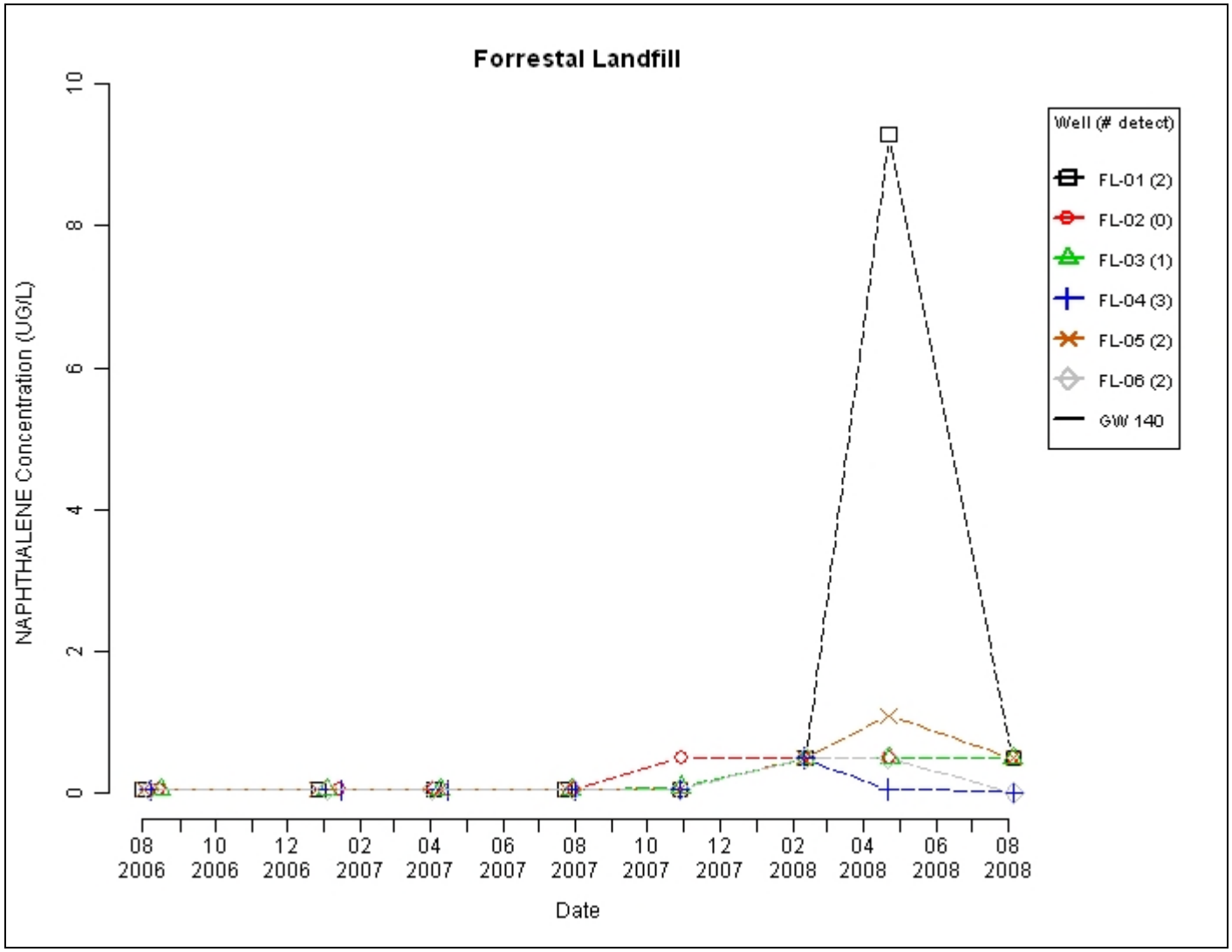

Forrestal Landfill
LEAD Concentration (UG/L)
0
10
20
30
40
50
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (6)
FL-03 (0)
FL-04 (0)
FL-05 (3)
FL-06 (4)
GW 7.5

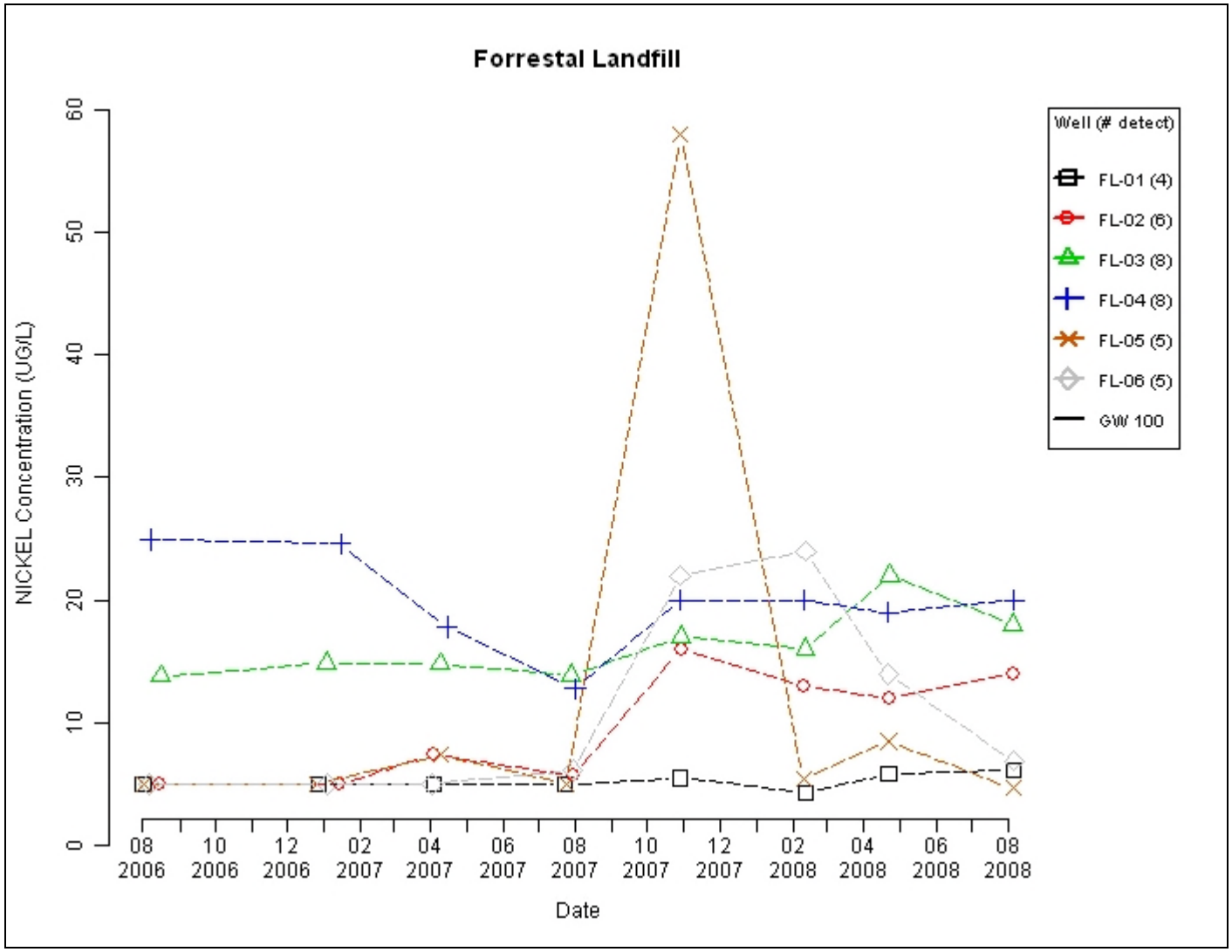

Forrestal Landfill
MAGNESIUM Concentration (UG/L)
0
50000
100000
150000
200000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW NA

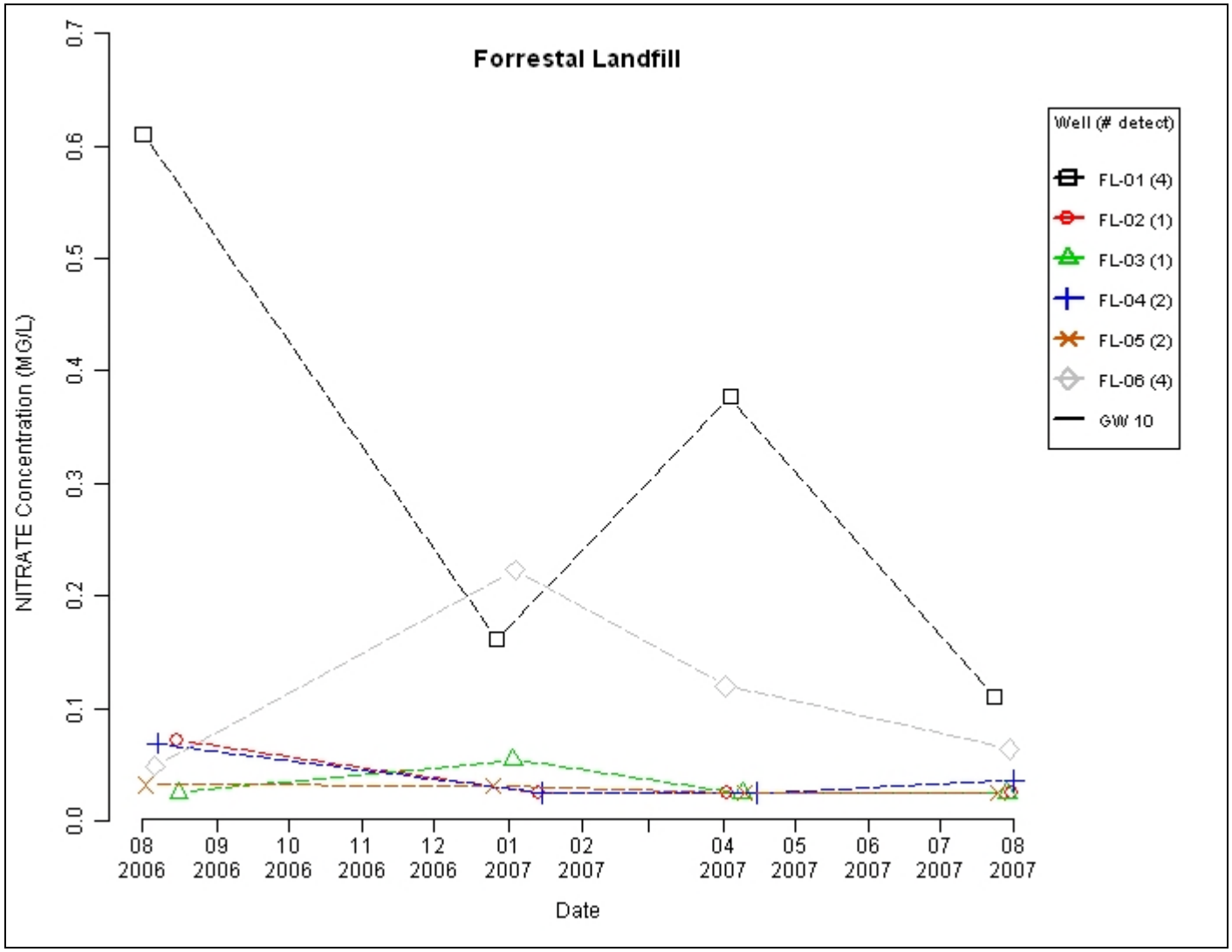

Forrestal Landfill
MANGANESE Concentration (UG/L)
0
100
200
300
400
500
600
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 150

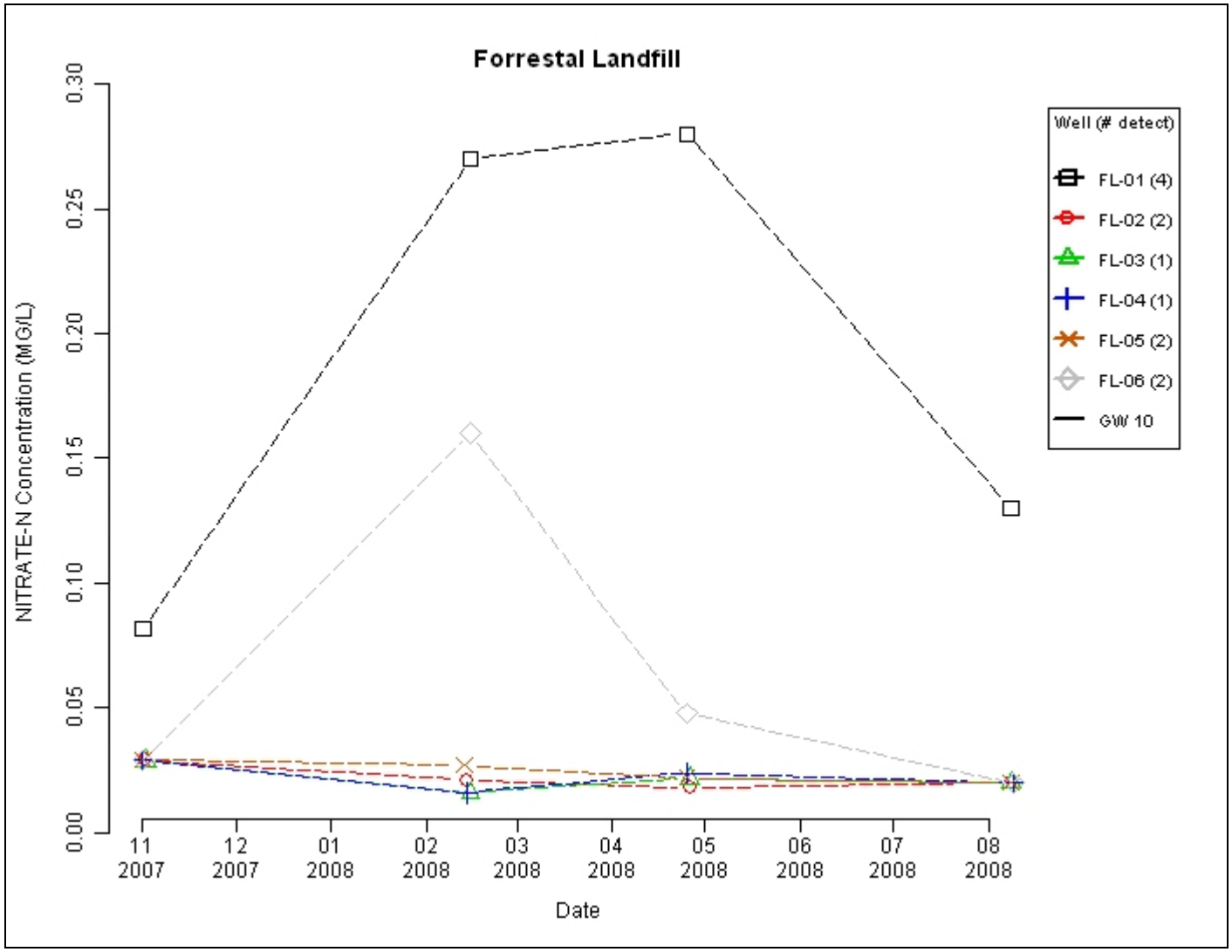

Forrestal Landfill
MERCURY Concentration (UG/L)
0.05
0.10
0.15
0.20
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (0)
GW 2

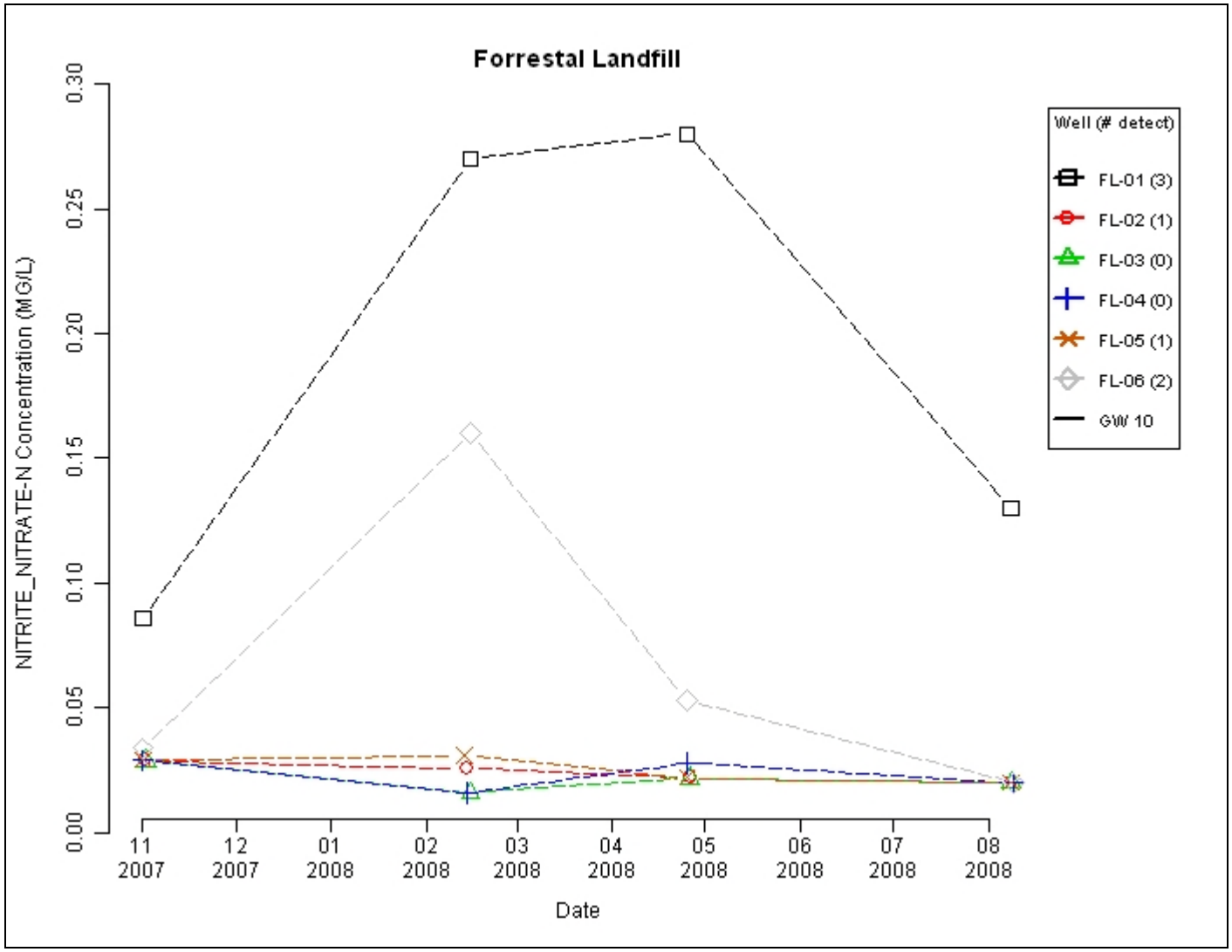

Forrestal Landfill
METHYLENE CHLORIDE Concentration (UG/L)
0.2
0.4
0.6
0.8
1.0
1.2
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 5

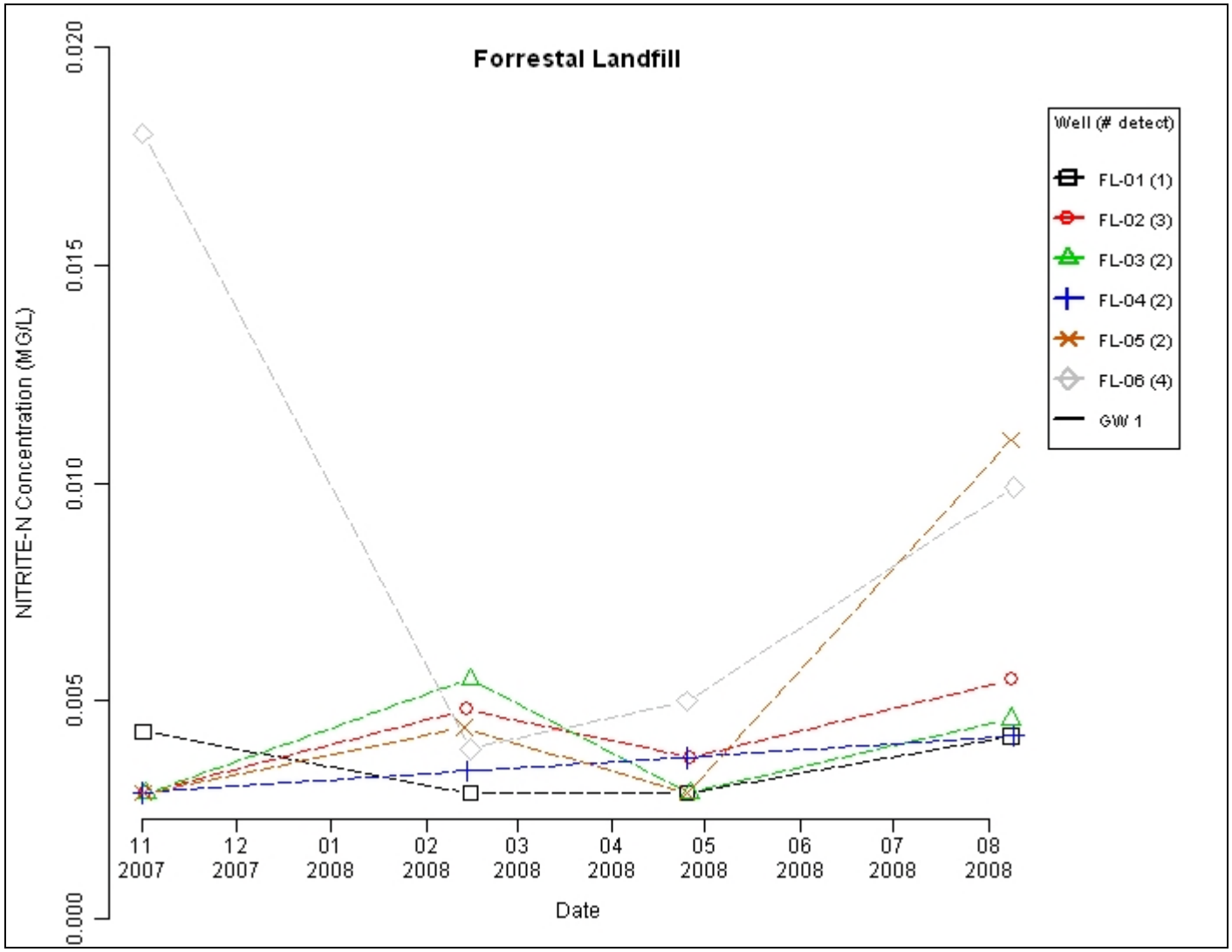

Forrestal Landfill
NAPHTHALENE Concentration (UG/L)
0
2
4
6
8
10
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (2)
FL-02 (0)
FL-03 (1)
FL-04 (3)
FL-05 (2)
FL-06 (2)
GW 140

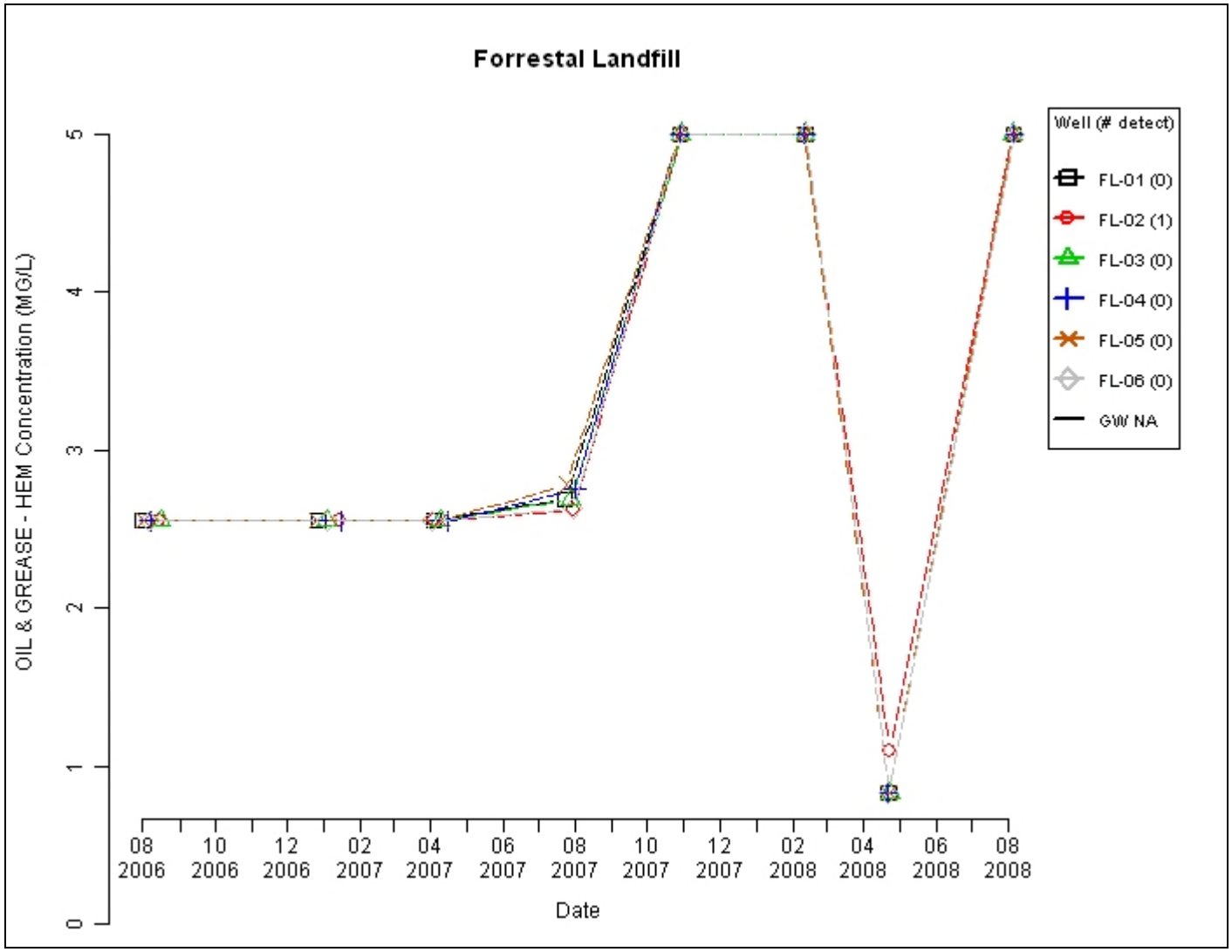

Forrestal Landfill
NICKEL Concentration (UG/L)
0
10
20
30
40
50
60
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (6)
FL-03 (8)
FL-04 (8)
FL-05 (5)
FL-06 (5)
GW 100

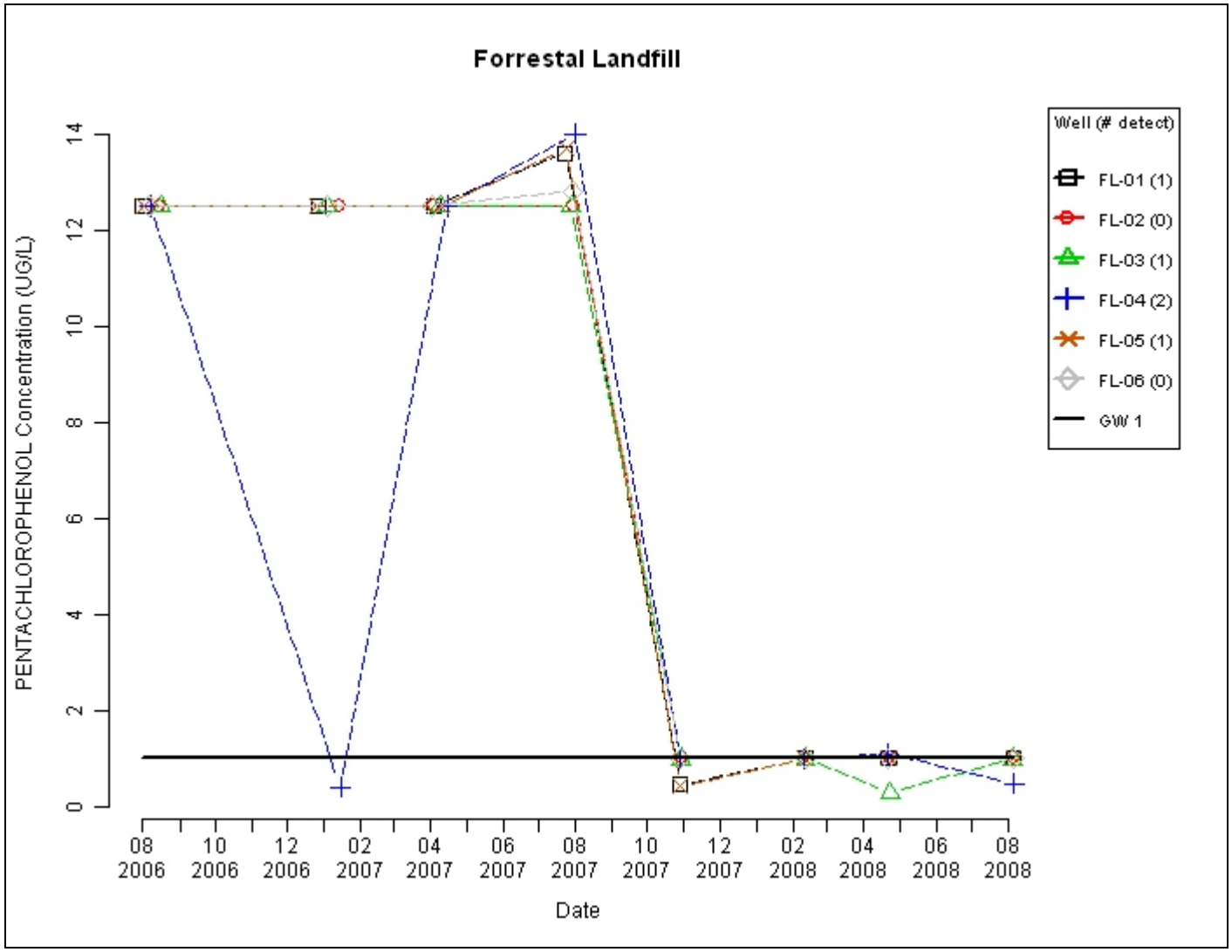

Forrestal Landfill
NITRATE Concentration (MG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
08 2006
09 2006
10 2006
11 2006
12 2006
01 2007
02 2007
04 2007
05 2007
06 2007
07 2007
08 2007
Date
Well (# detect)
FL-01 (4)
FL-02 (1)
FL-03 (1)
FL-04 (2)
FL-05 (2)
FL-06 (4)
GW 10

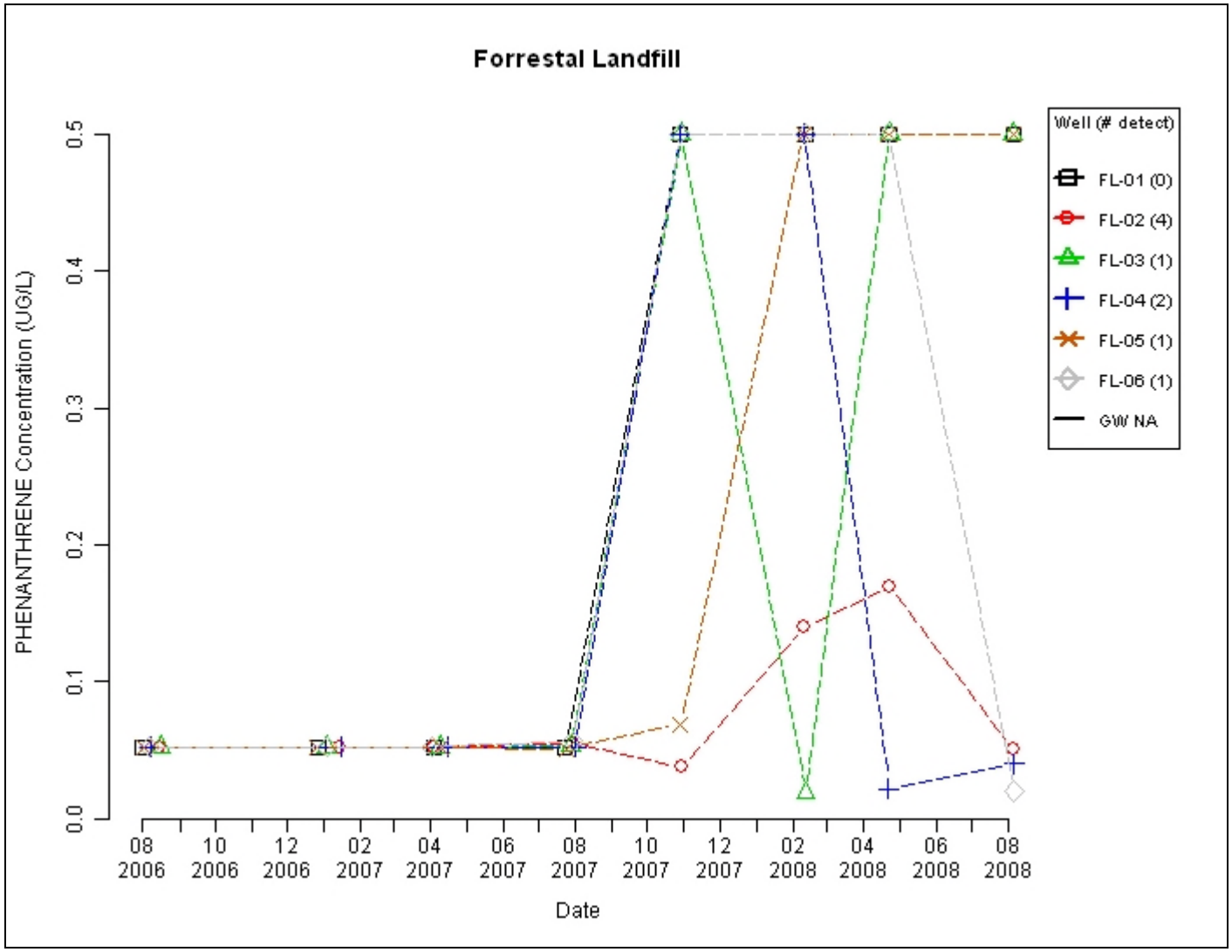

Forrestal Landfill
NITRATE-N Concentration (MG/L)
0.00
0.05
0.10
0.15
0.20
0.25
0.30
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (2)
FL-03 (1)
FL-04 (1)
FL-05 (2)
FL-06 (2)
GW 10

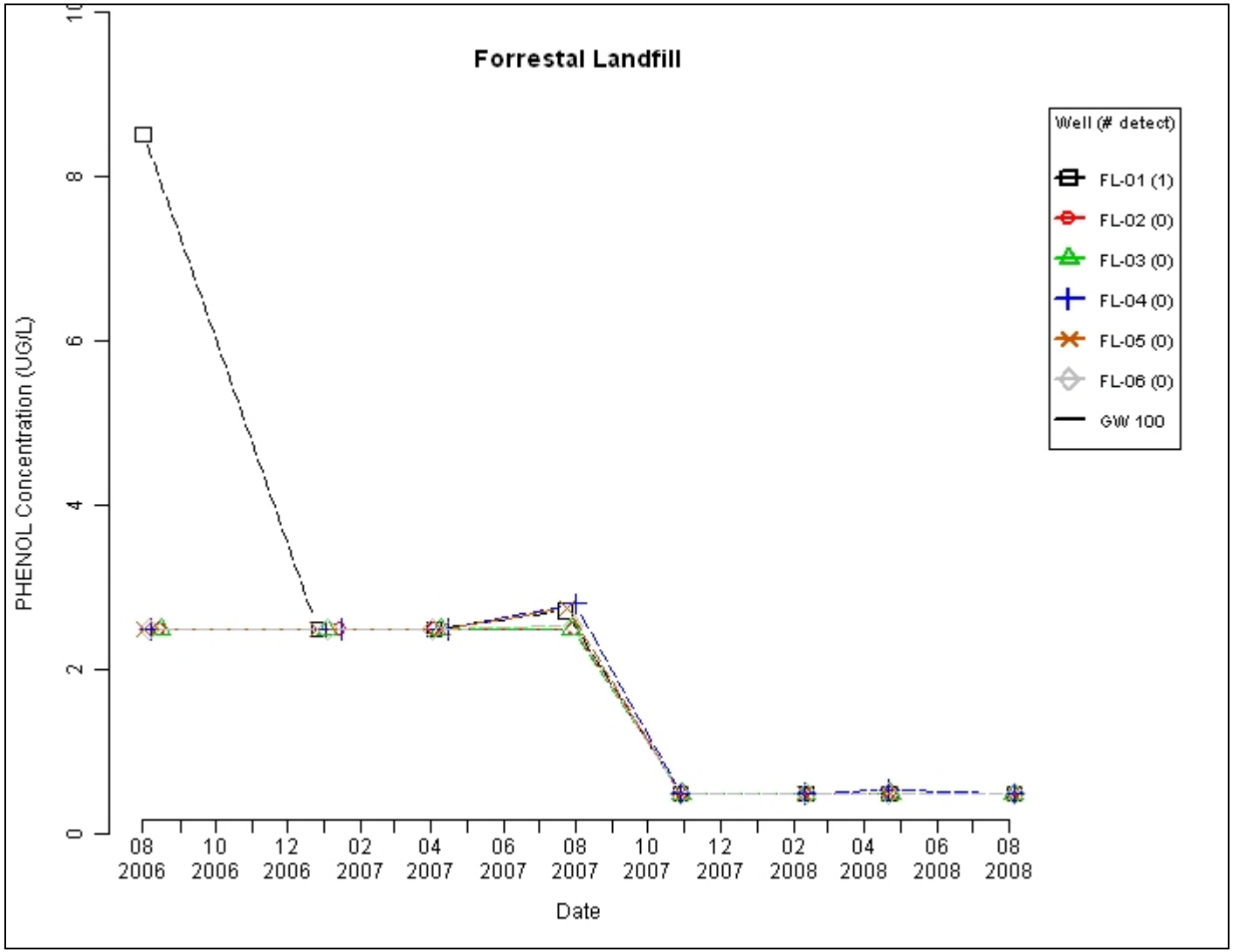

Forrestal Landfill
NITRITE_NITRATE-N Concentration (MG/L)
0.00
0.05
0.10
0.15
0.20
0.25
0.30
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-01 (3)
FL-02 (1)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (2)
GW 10

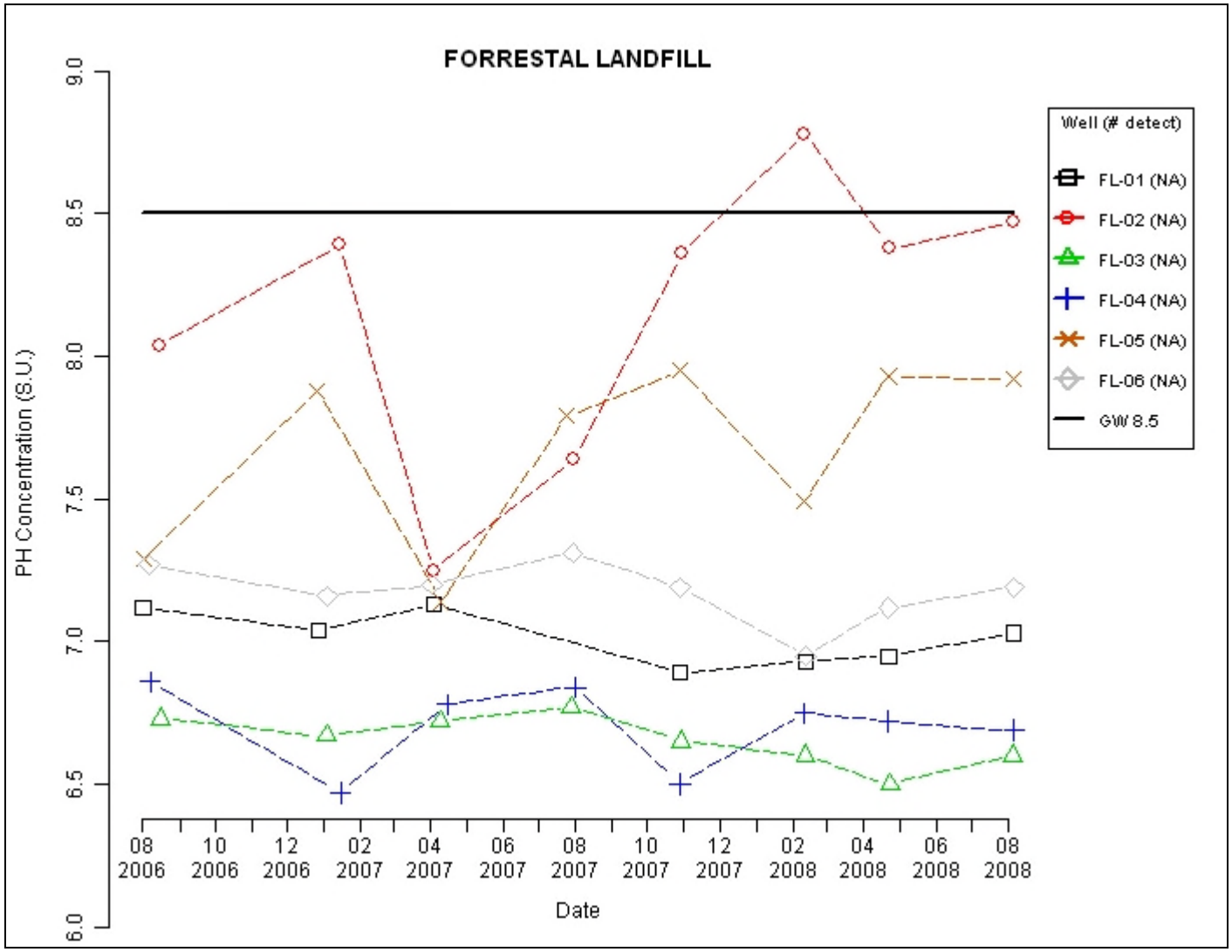

Forrestal Landfill
NITRITE-N Concentration (MG/L)
0.000
0.005
0.010
0.015
0.020
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (3)
FL-03 (2)
FL-04 (2)
FL-05 (2)
FL-06 (4)
GW 1

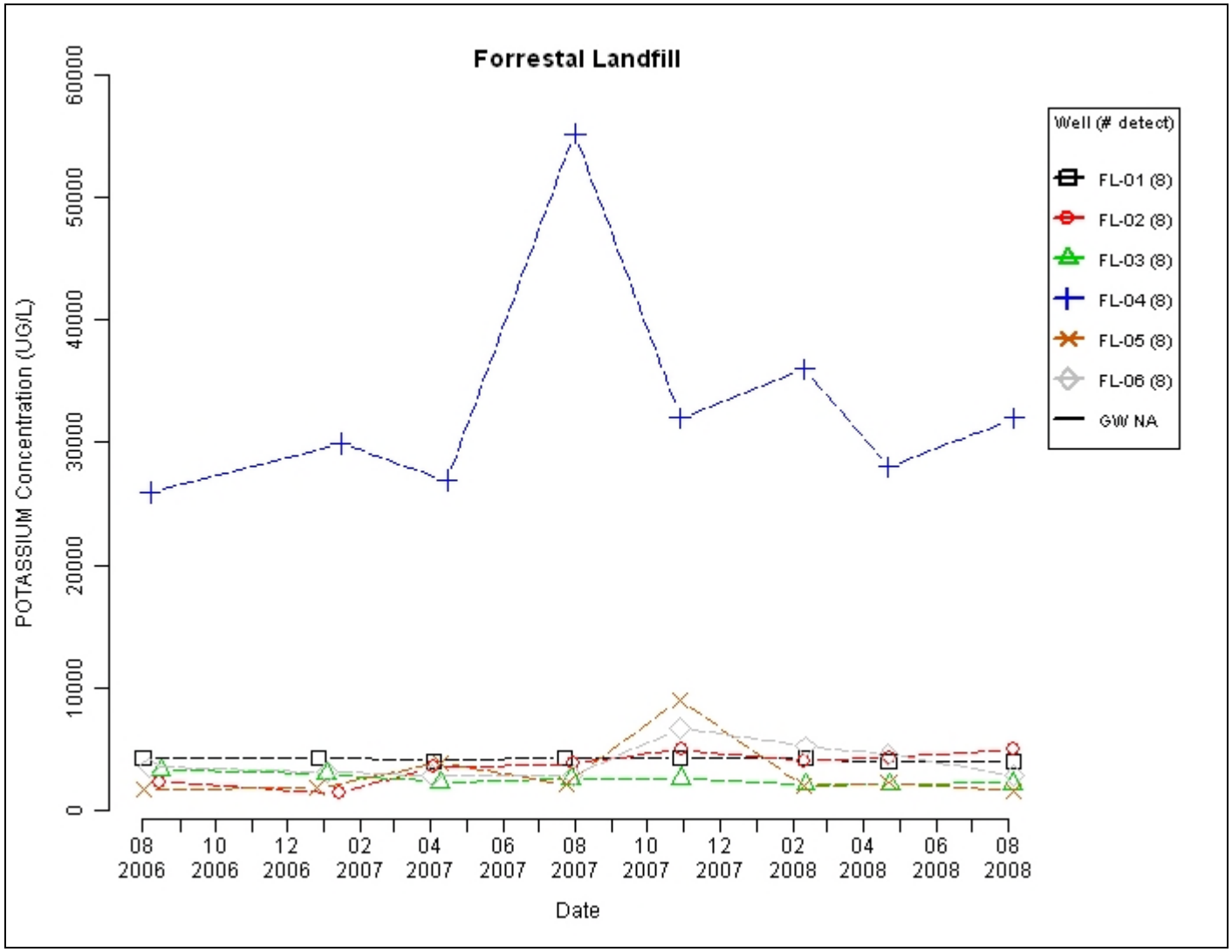

Forrestal Landfill
OIL & GREASE - HEM Concentration (MG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (1)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW NA

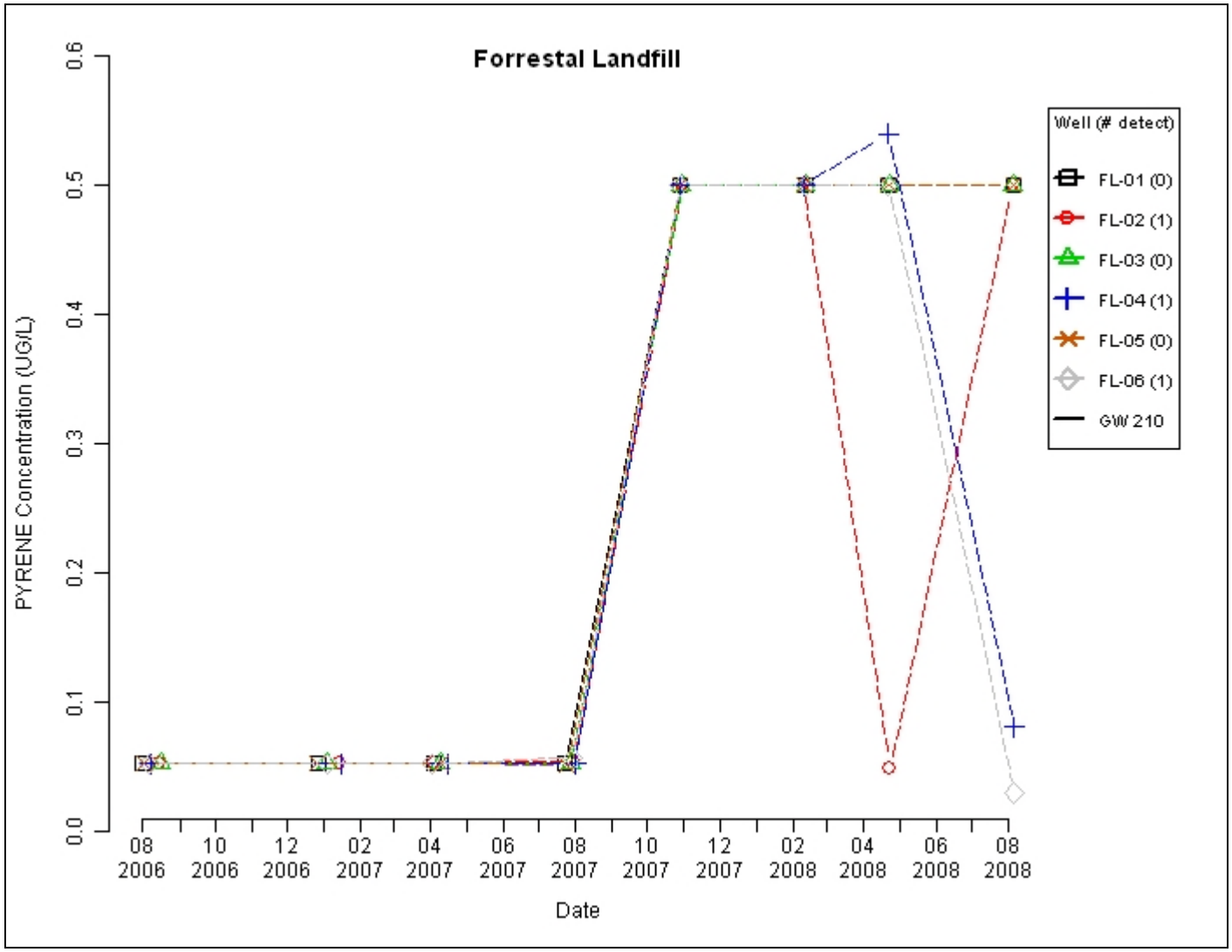

Forrestal Landfill
PENTACHLOROPHENOL Concentration (UG/L)
0
2
4
6
8
10
12
14
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (1)
FL-04 (2)
FL-05 (1)
FL-06 (0)
GW 1

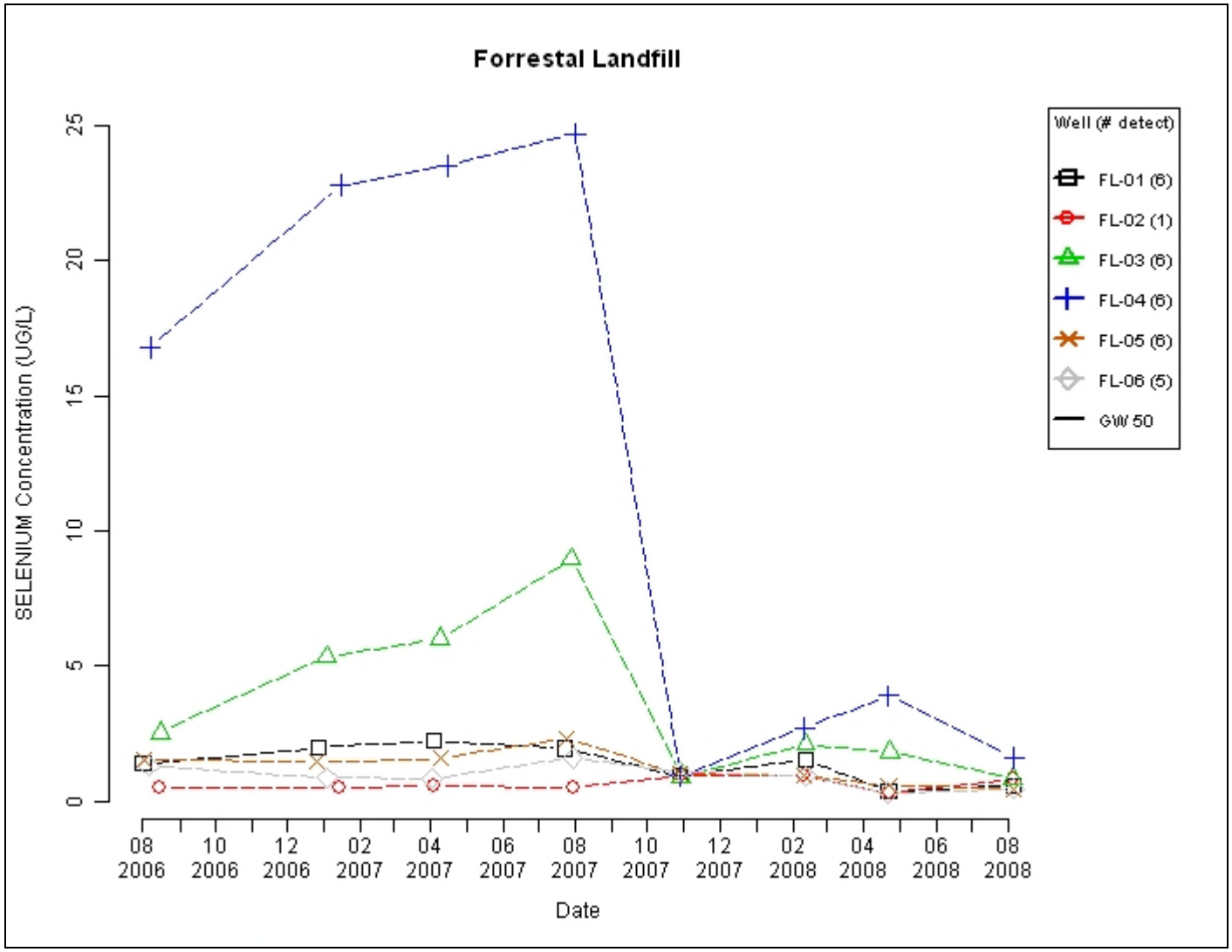

Forrestal Landfill
PHENANTHRENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (4)
FL-03 (1)
FL-04 (2)
FL-05 (1)
FL-06 (1)
GW NA

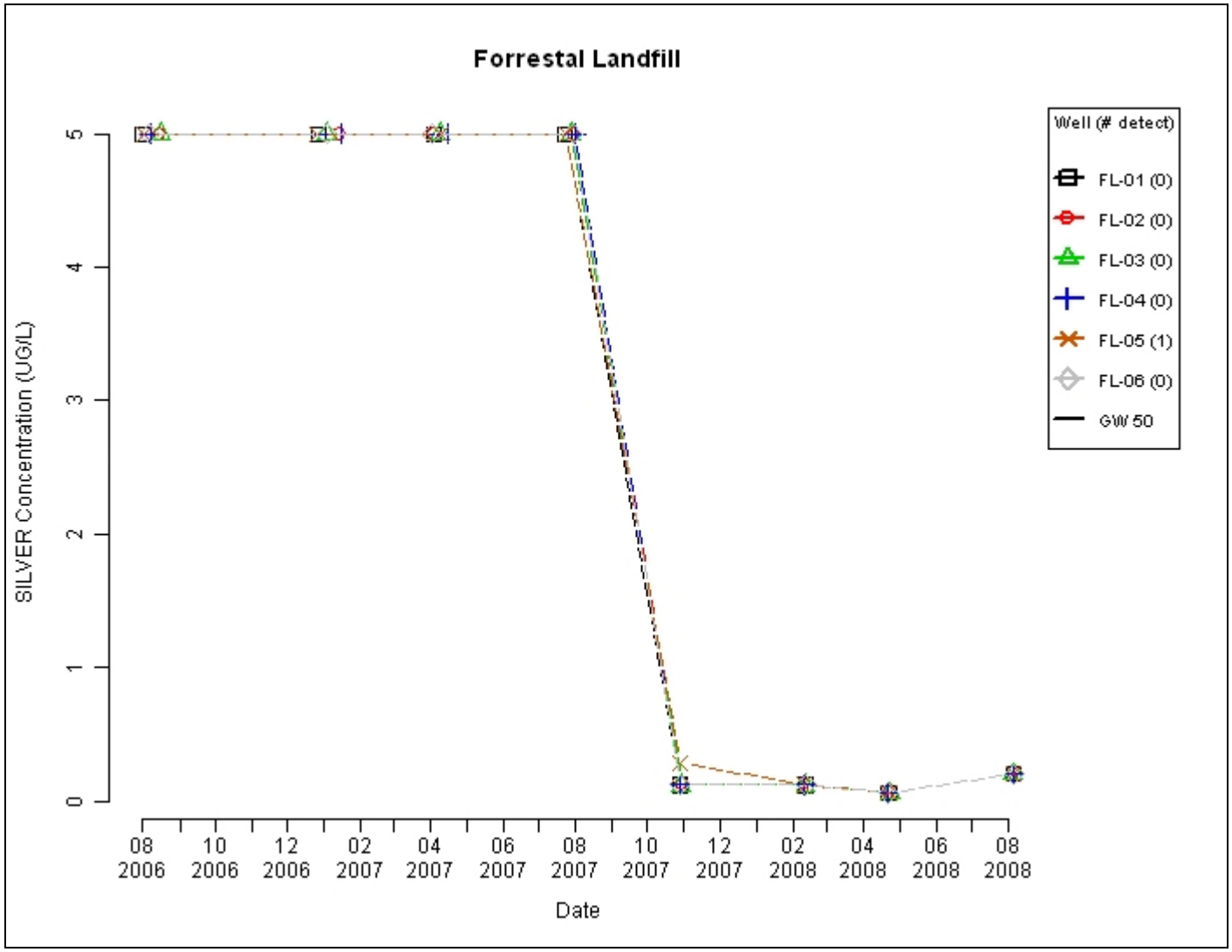

Forrestal Landfill
PHENOL Concentration (UG/L)
0
2
4
6
8
10
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 100

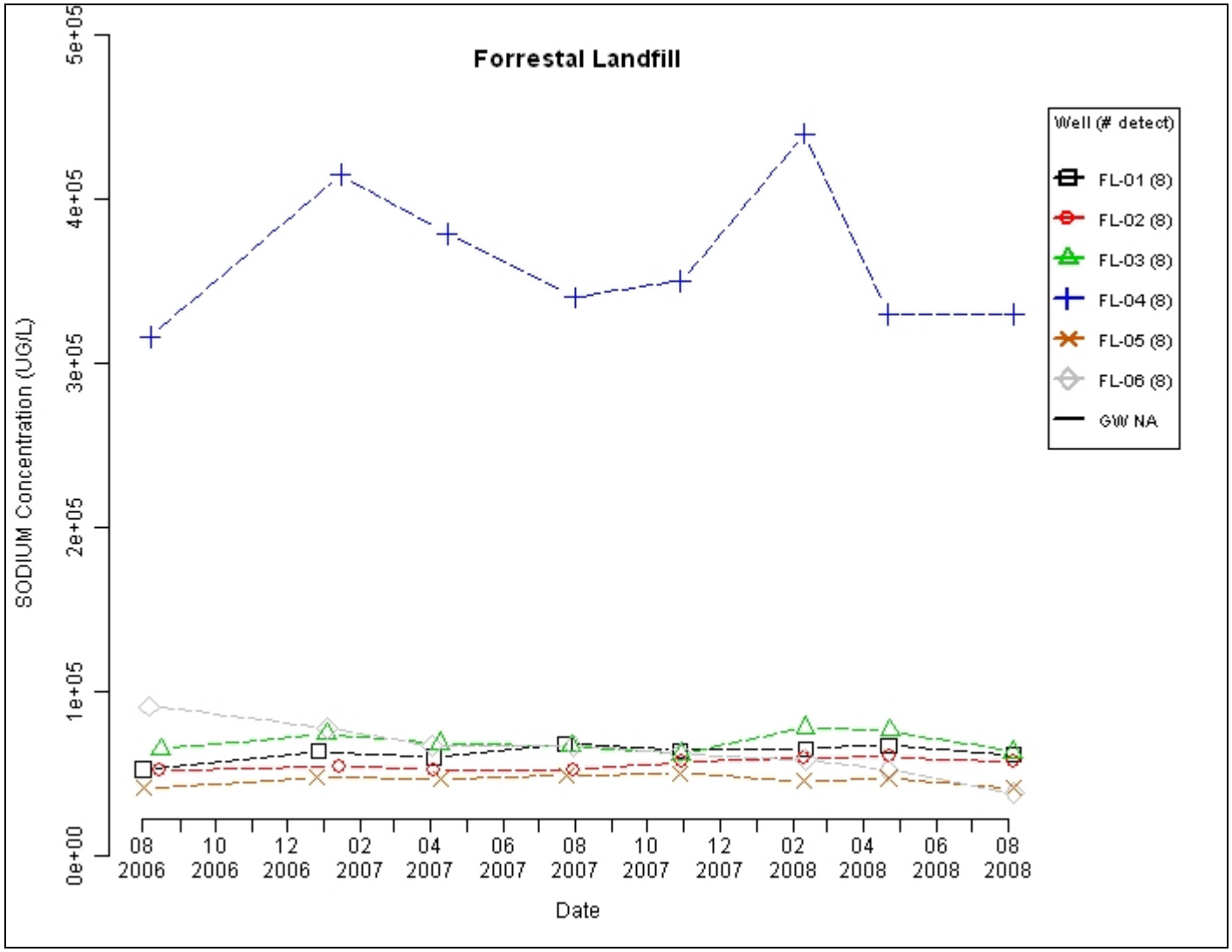

FORRESTAL LANDFILL
PH Concentration (S.U.)
9.0
8.5
8.0
7.5
7.0
6.5
6.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (NA)
FL-02 (NA)
FL-03 (NA)
FL-04 (NA)
FL-05 (NA)
FL-06 (NA)
GW 8.5

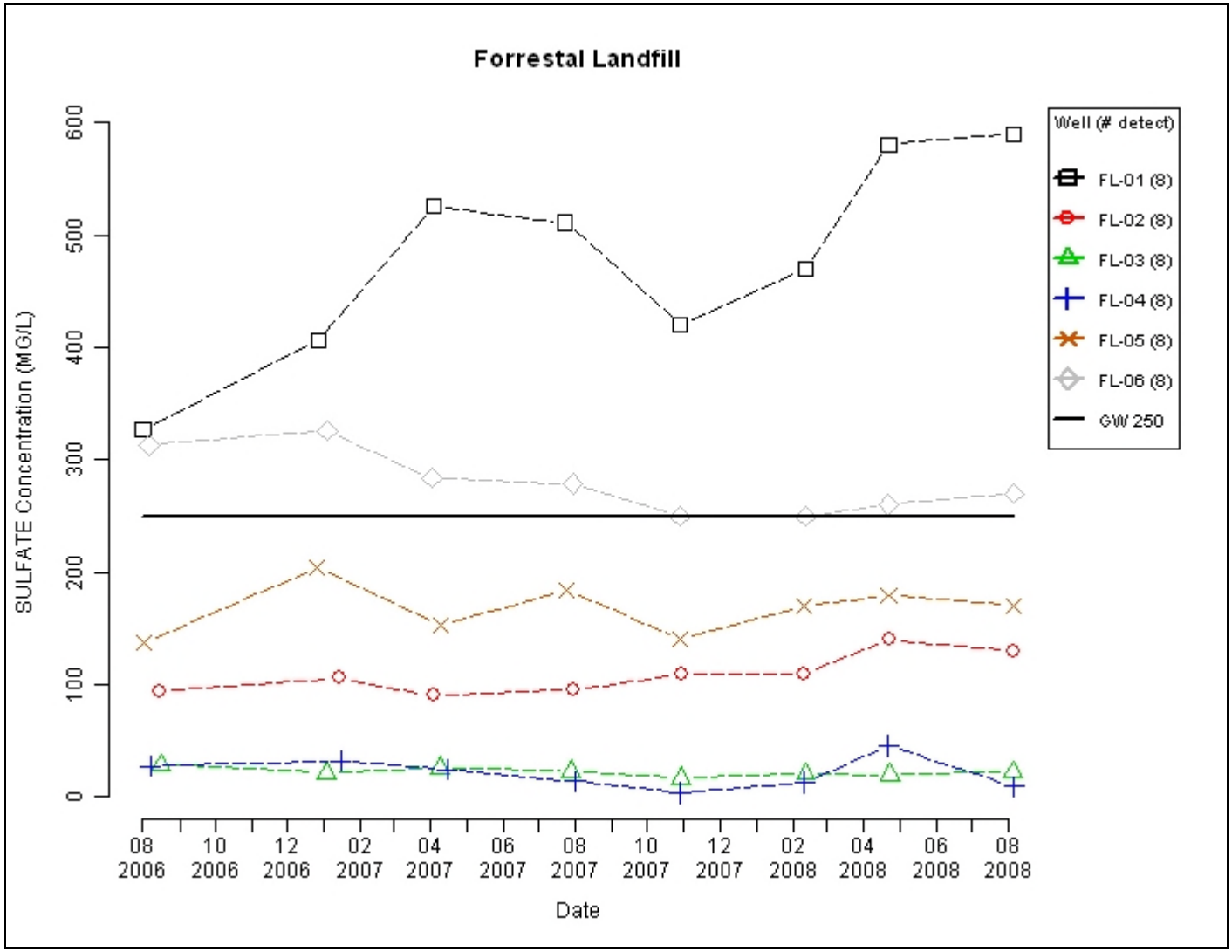

Forrestal Landfill
POTASSIUM Concentration (UG/L)
0
10000
20000
30000
40000
50000
60000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW NA

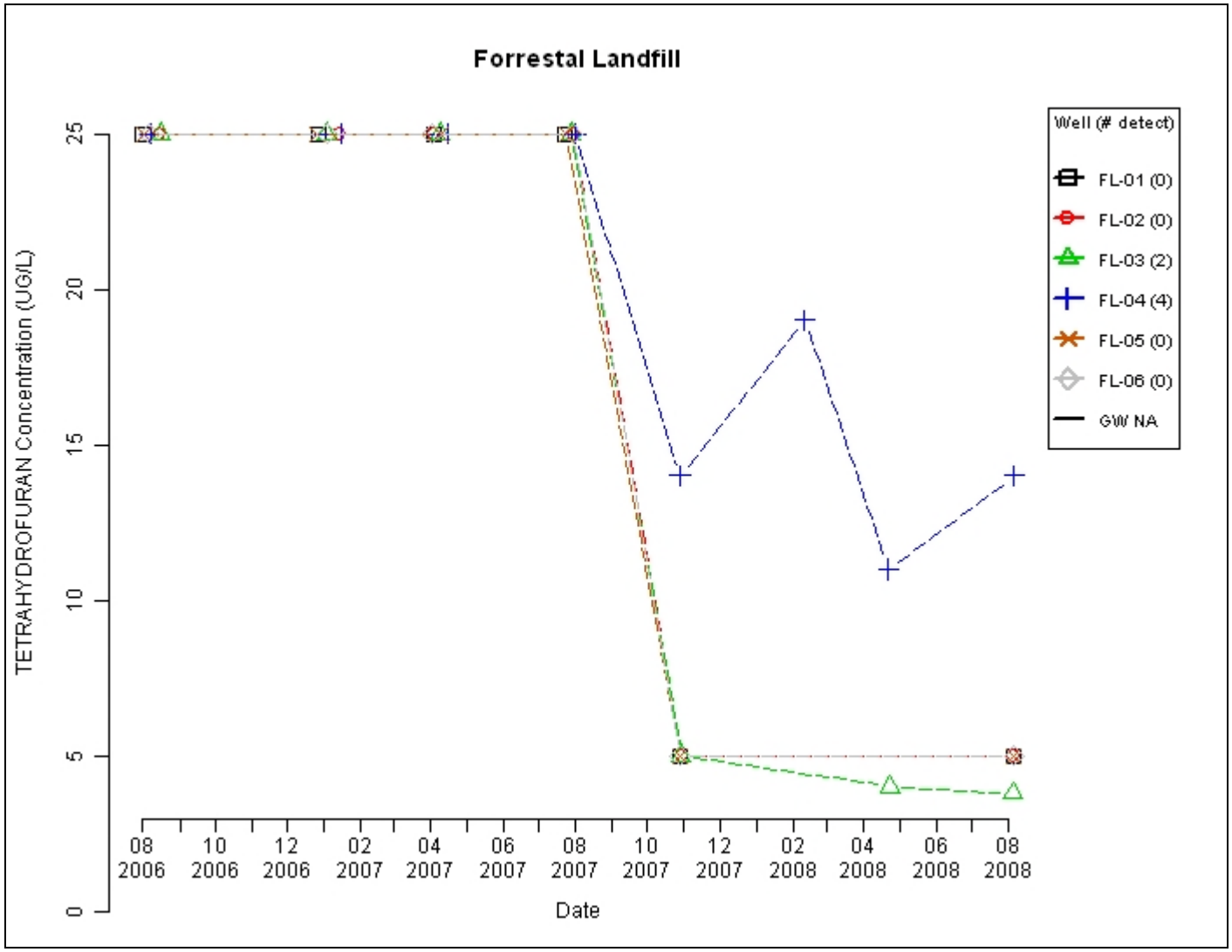

Forrestal Landfill
PYRENE Concentration (UG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (1)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (1)
GW 210

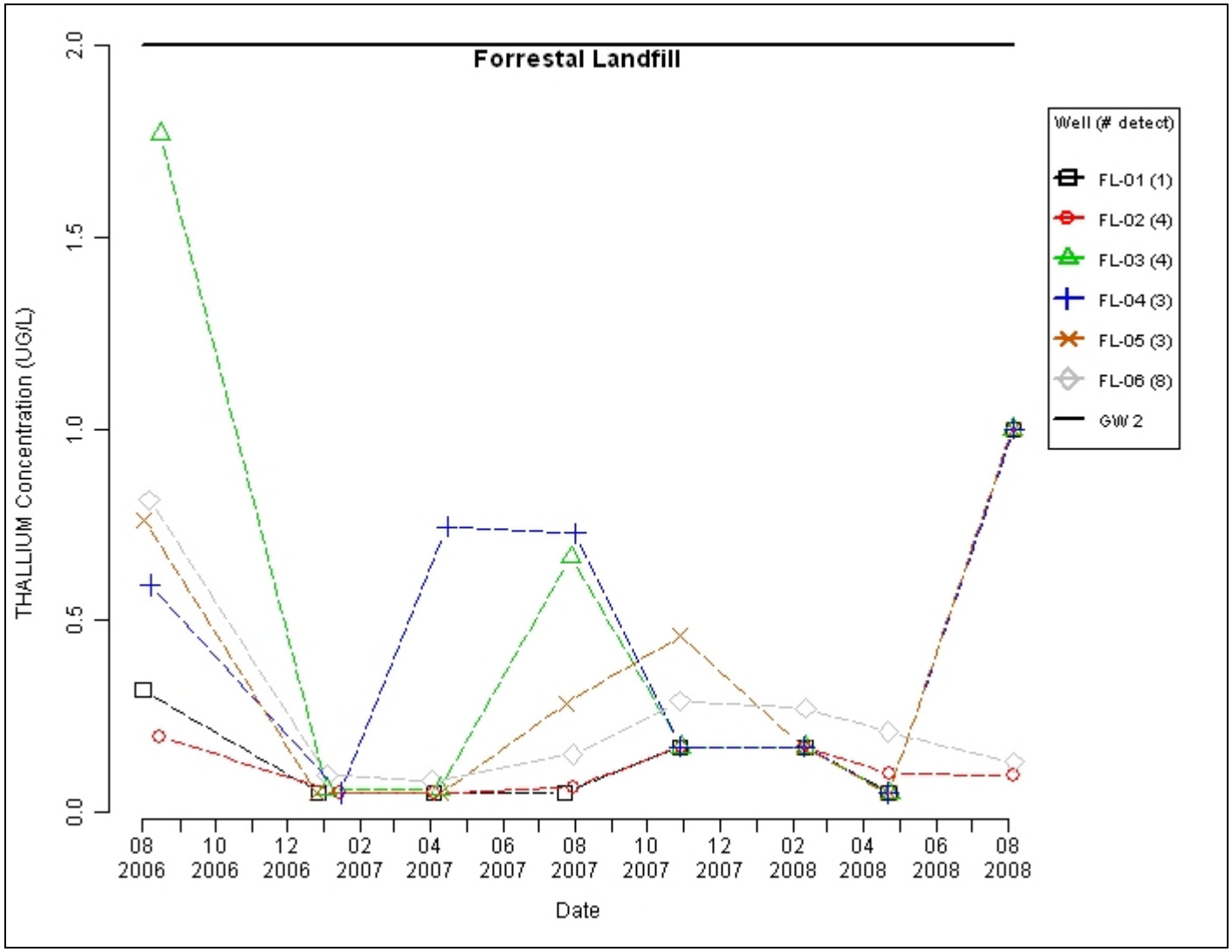

Forrestal Landfill
SELENIUM Concentration (UG/L)
0
5
10
15
20
25
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (6)
FL-02 (1)
FL-03 (6)
FL-04 (6)
FL-05 (6)
FL-06 (5)
GW 50

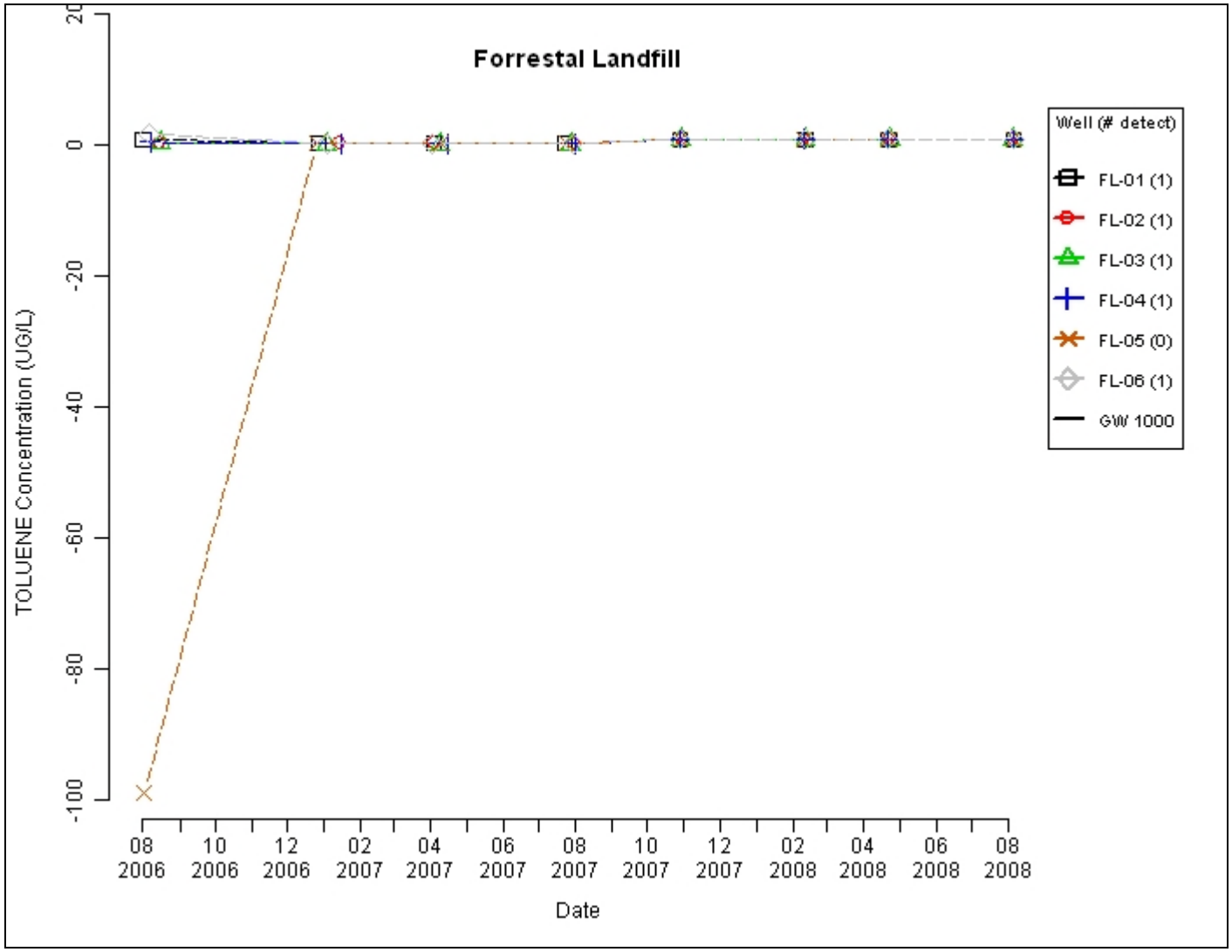

Forrestal Landfill
SILVER Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (0)
GW 50

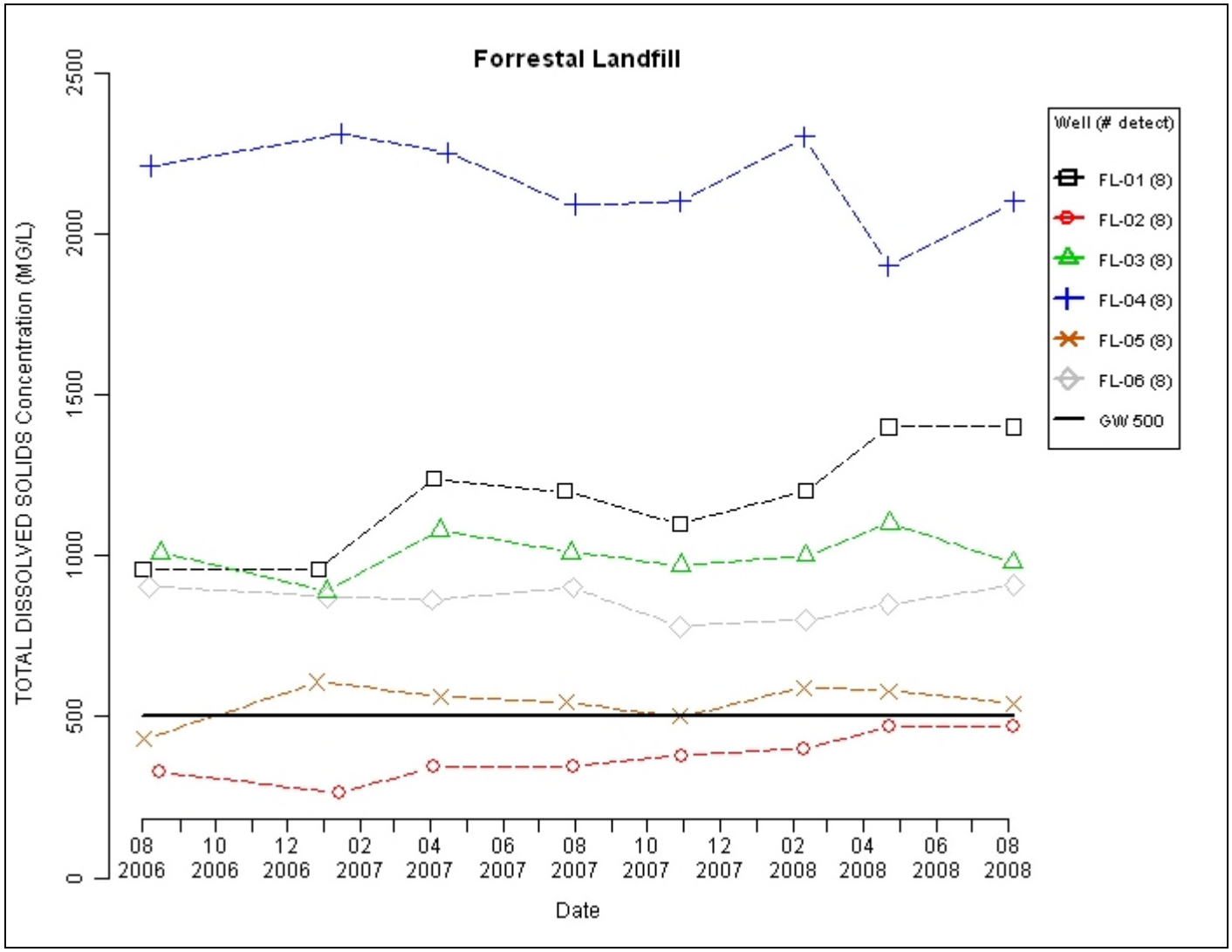

Forrestal Landfill
SODIUM Concentration (UG/L)
0e+00
1e+05
2e+05
3e+05
4e+05
5e+05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW NA

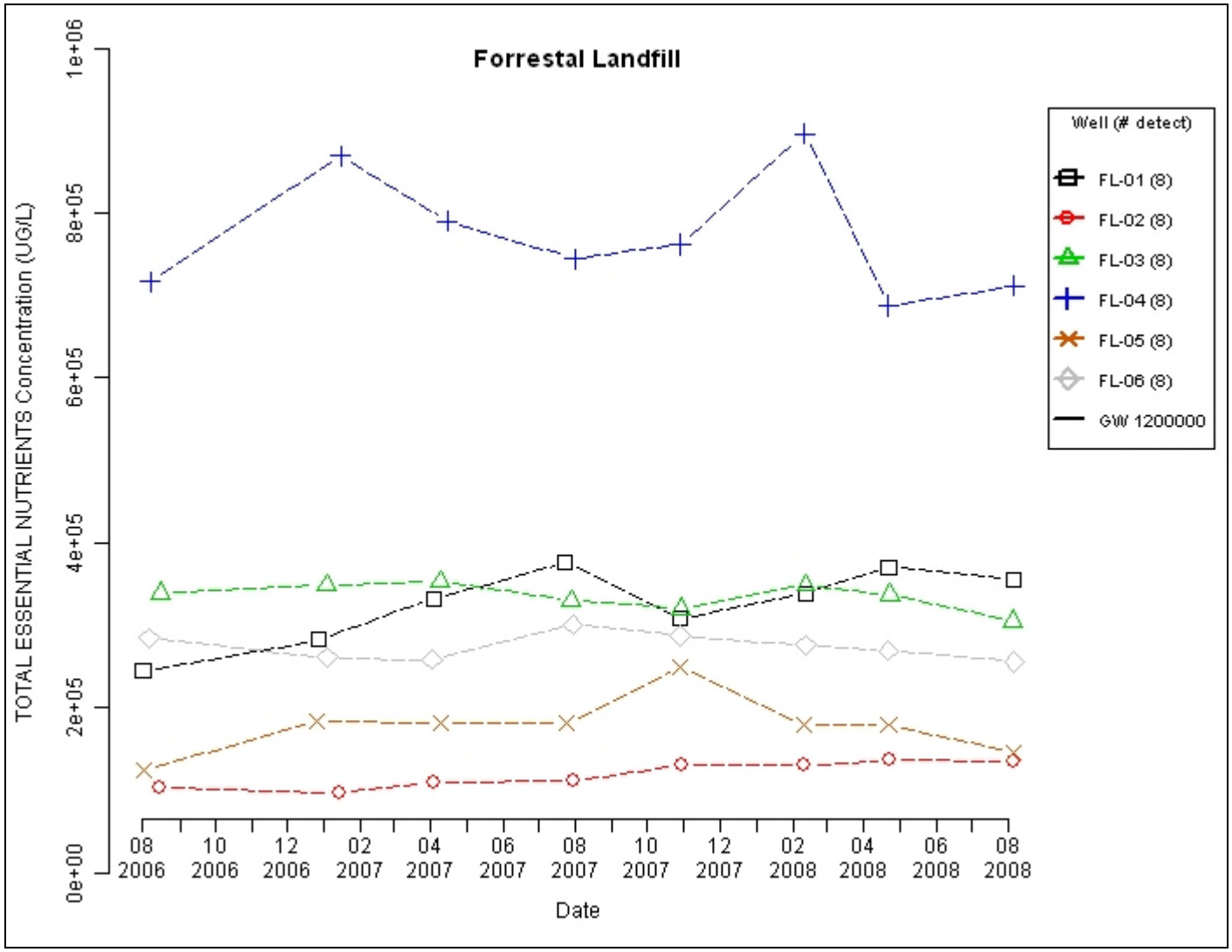

Forrestal Landfill
SULFATE Concentration (MG/L)
0
100
200
300
400
500
600
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 250

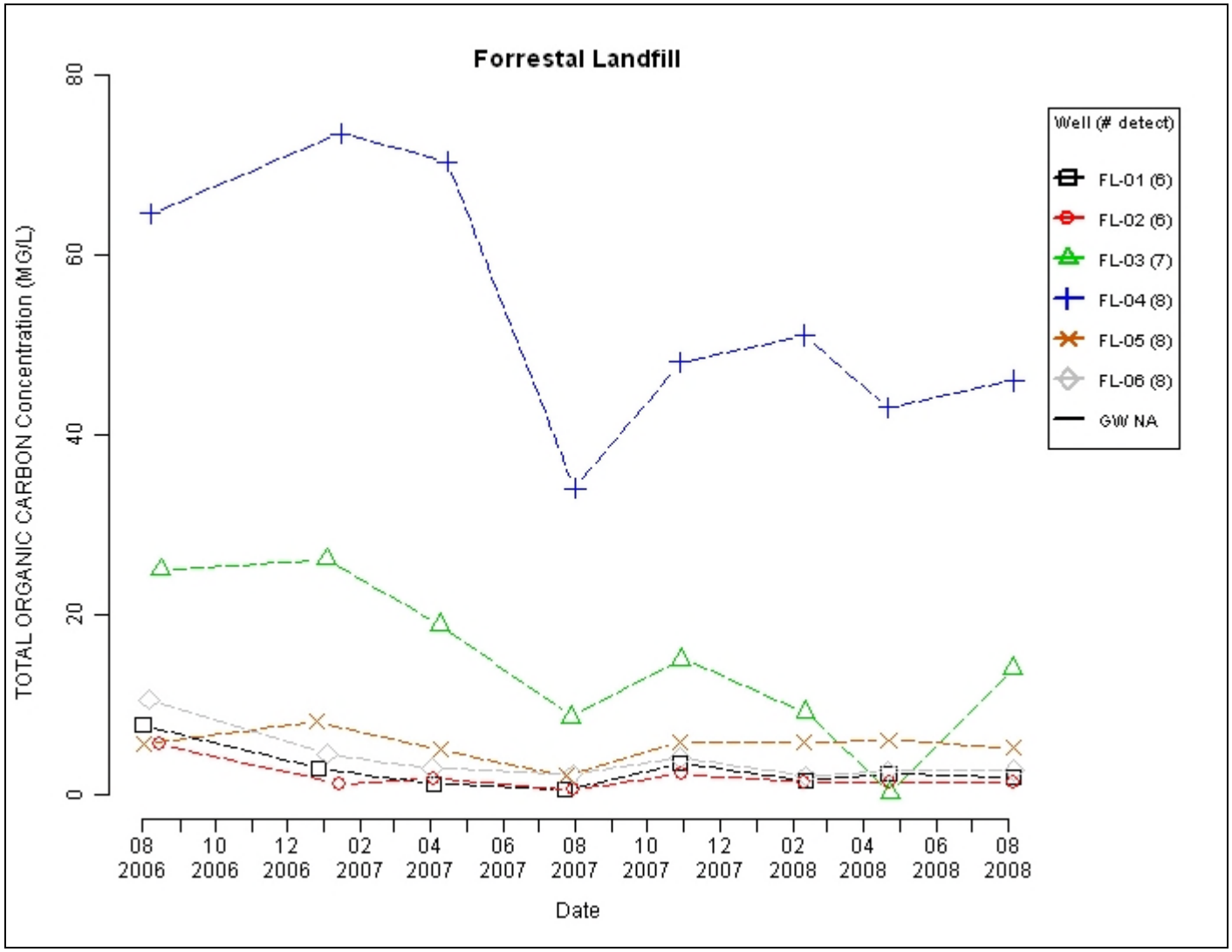

Forrestal Landfill
TETRAHYDROFURAN Concentration (UG/L)
0
5
10
15
20
25
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (0)
FL-02 (0)
FL-03 (2)
FL-04 (4)
FL-05 (0)
FL-06 (0)
GW NA

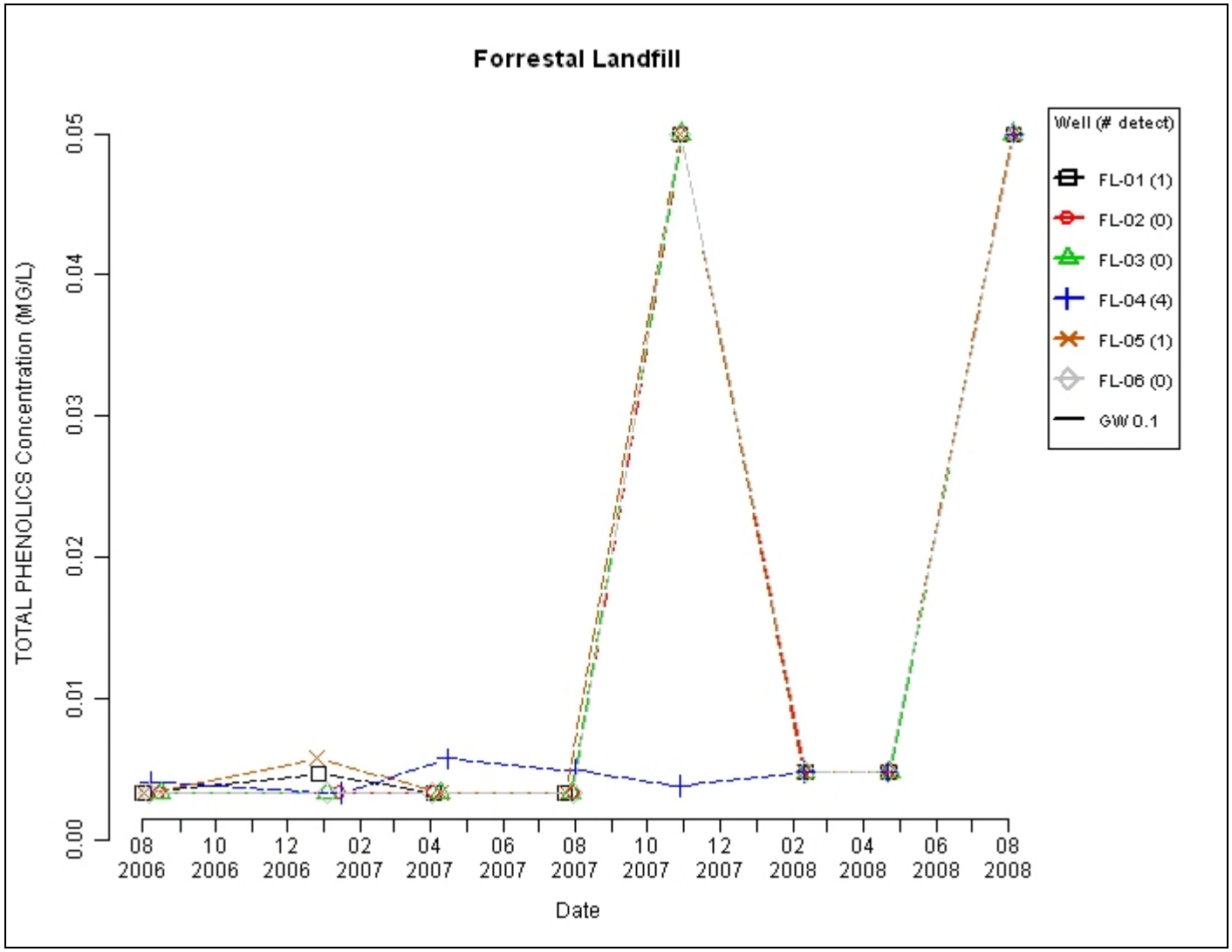

Forrestal Landfill
THALLIUM Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (4)
FL-03 (4)
FL-04 (3)
FL-05 (3)
FL-06 (8)
GW 2

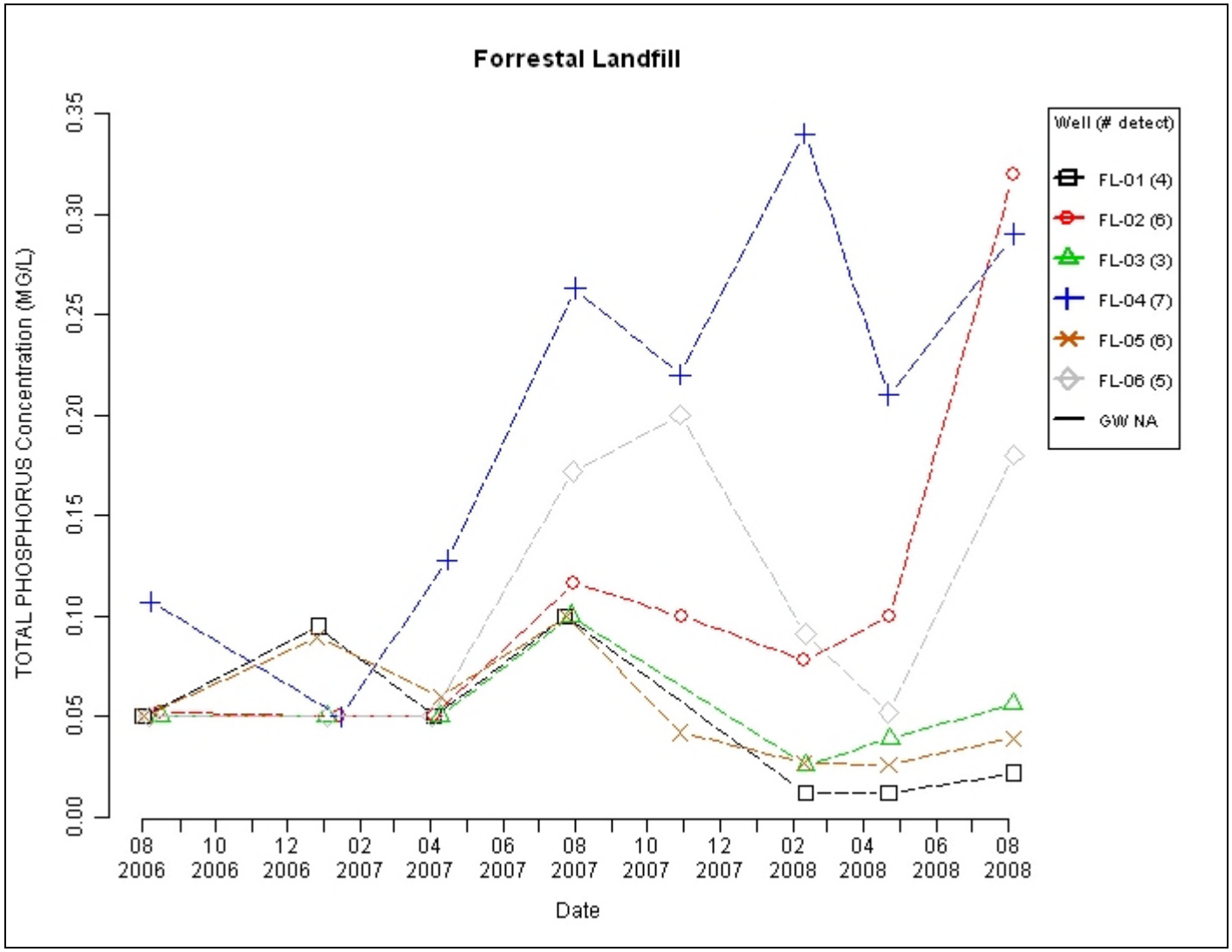

Forrestal Landfill
TOLUENE Concentration (UG/L)
20
0
-20
-40
-60
-80
-100
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (1)
FL-03 (1)
FL-04 (1)
FL-05 (0)
FL-06 (1)
GW 1000

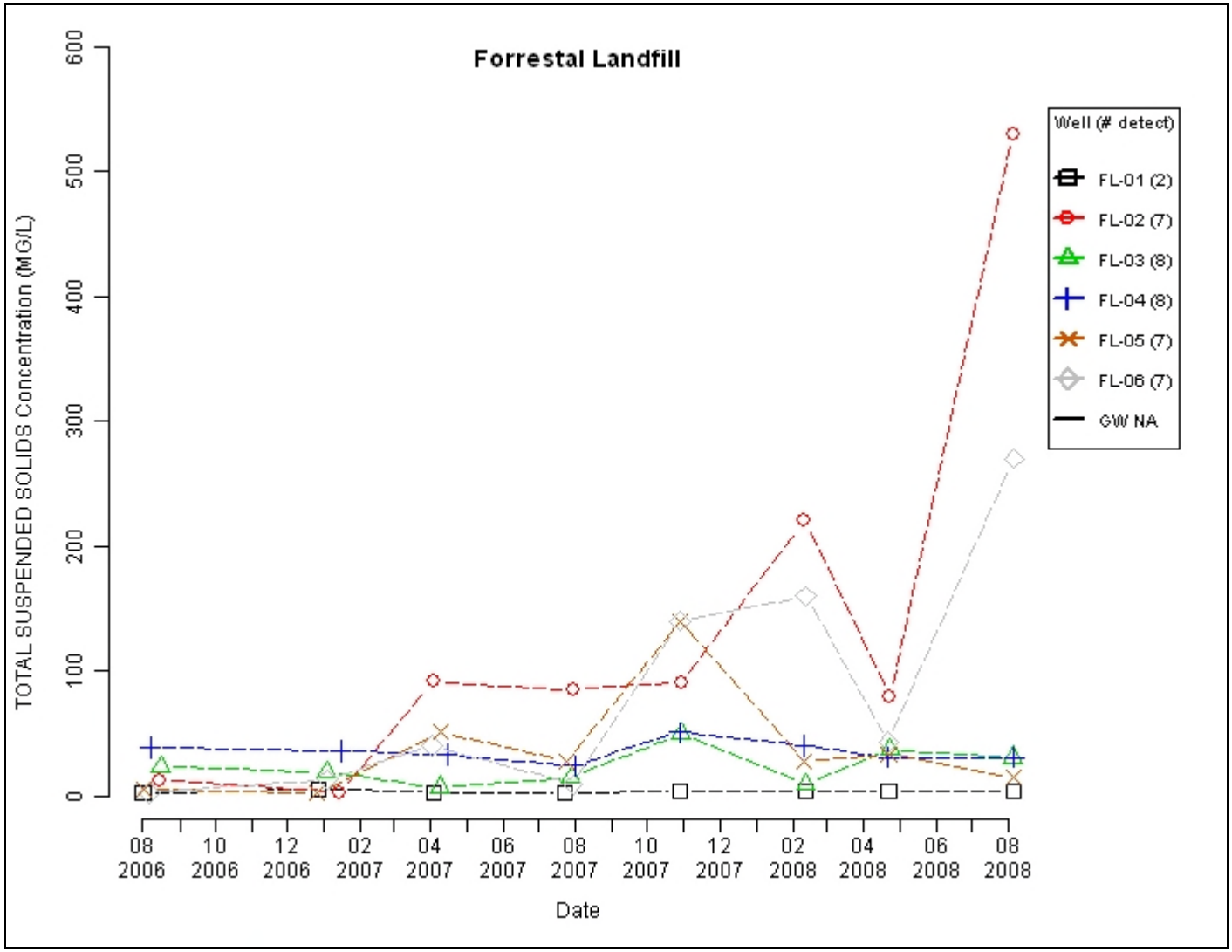

Forrestal Landfill
TOTAL DISSOLVED SOLIDS Concentration (MG/L)
0
500
1000
1500
2000
2500
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 500

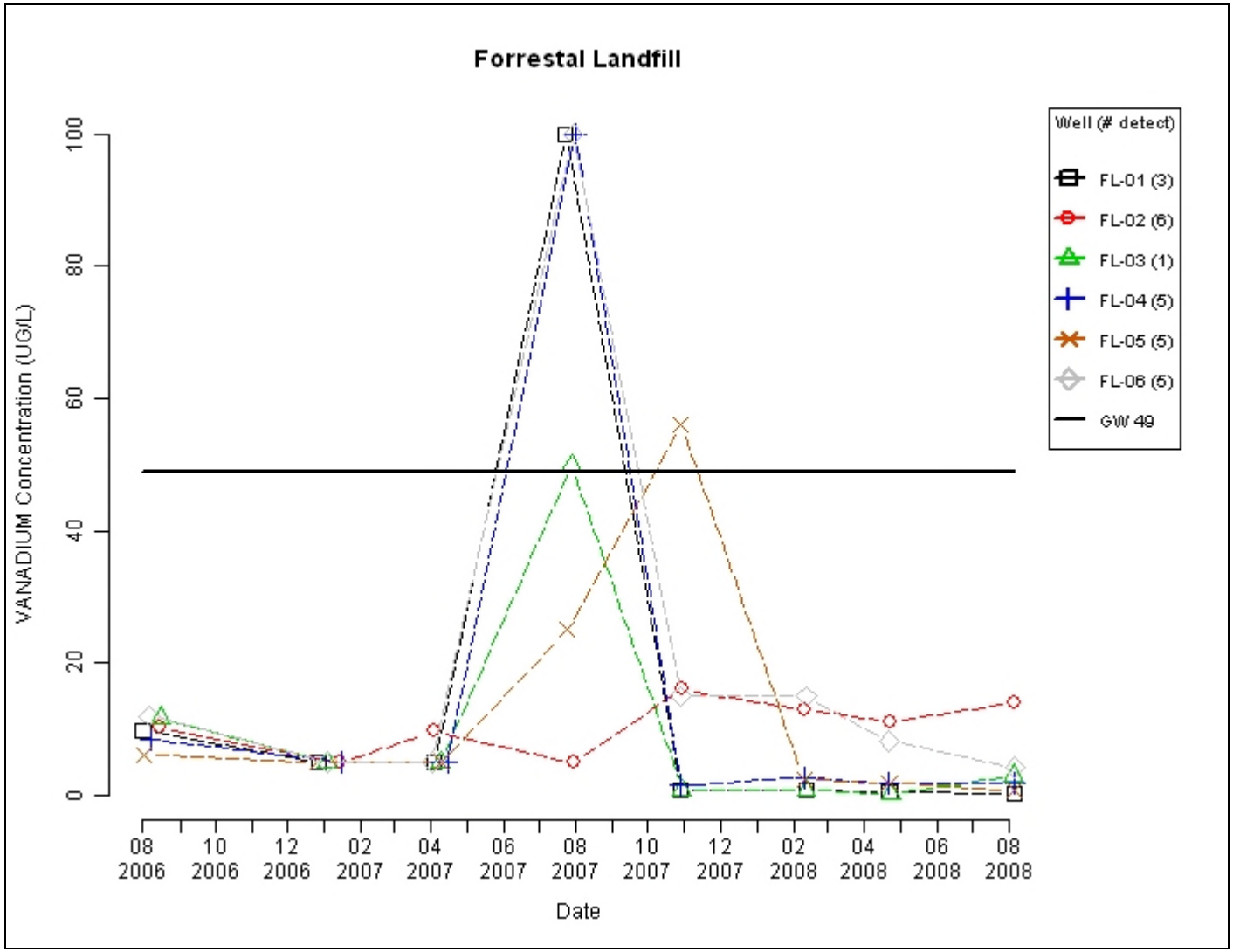

Forrestal Landfill
TOTAL ESSENTIAL NUTRIENTS Concentration (UG/L)
0e+00
2e+05
4e+05
6e+05
8e+05
1e+06
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (8)
FL-02 (8)
FL-03 (8)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW 1200000

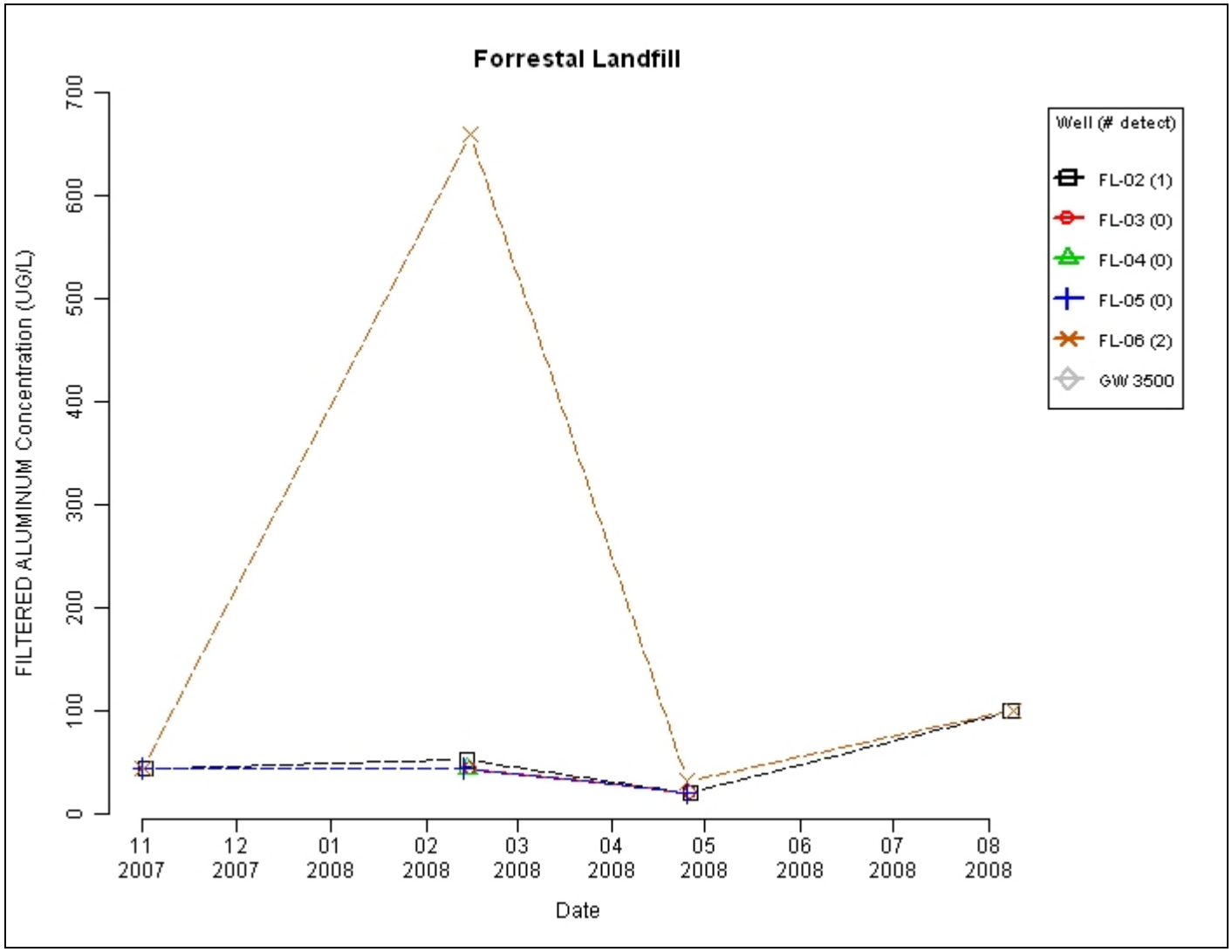

Forrestal Landfill
TOTAL ORGANIC CARBON Concentration (MG/L)
0
20
40
60
80
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (6)
FL-02 (6)
FL-03 (7)
FL-04 (8)
FL-05 (8)
FL-06 (8)
GW NA

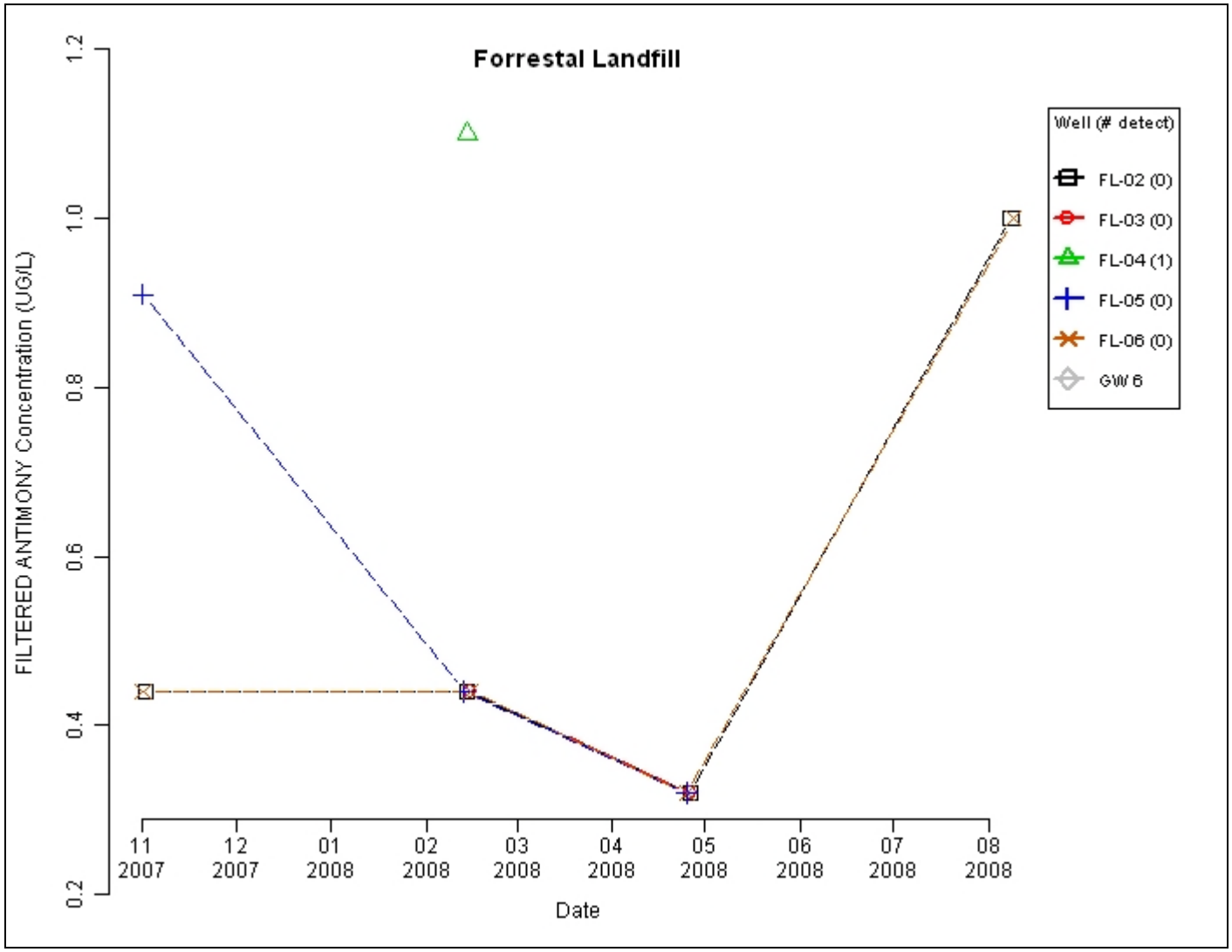

Forrestal Landfill
TOTAL PHENOLICS Concentration (MG/L)
0.00
0.01
0.02
0.03
0.04
0.05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (1)
FL-02 (0)
FL-03 (0)
FL-04 (4)
FL-05 (1)
FL-06 (0)
GW 0.1

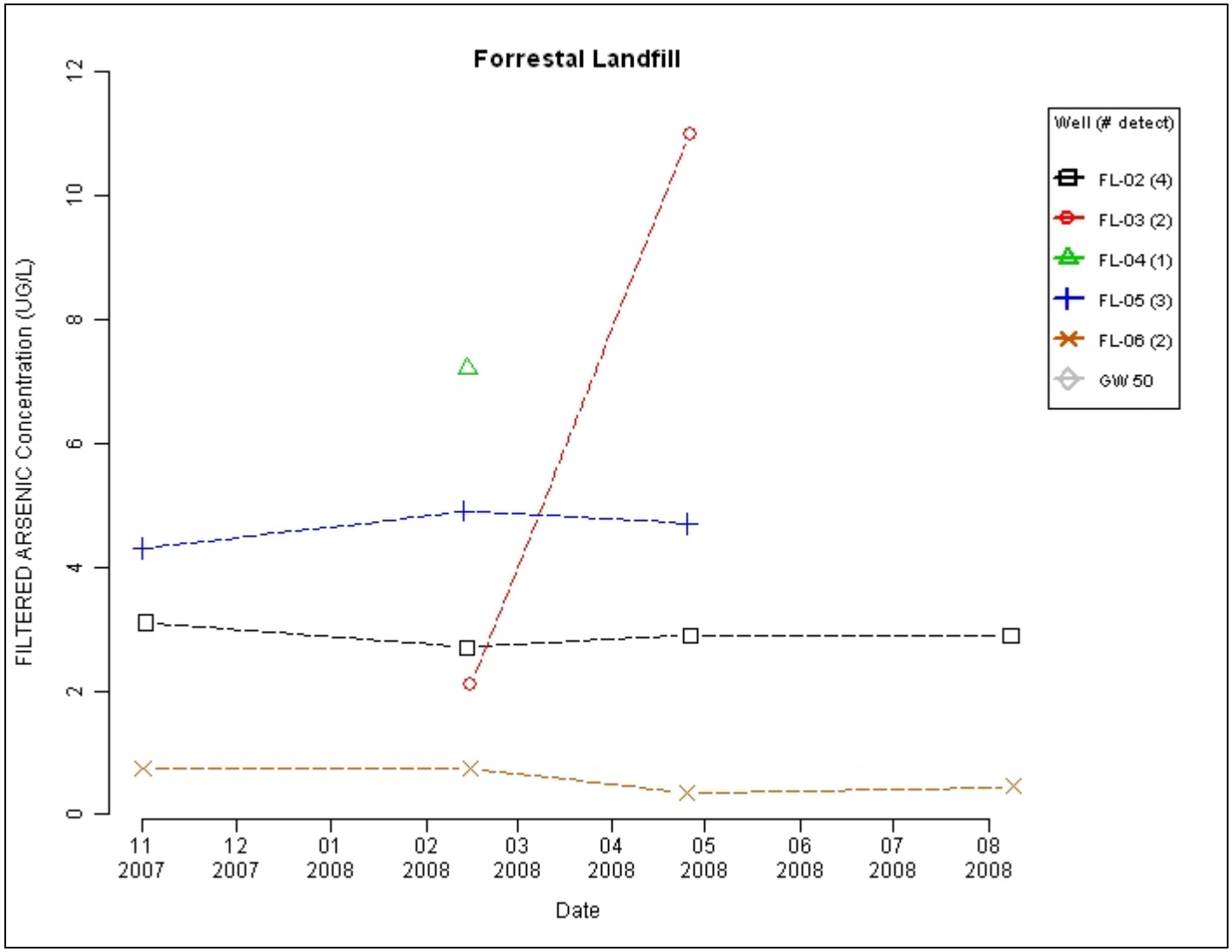

Forrestal Landfill
TOTAL PHOSPHORUS Concentration (MG/L)
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (4)
FL-02 (6)
FL-03 (3)
FL-04 (7)
FL-05 (6)
FL-06 (5)
GW NA

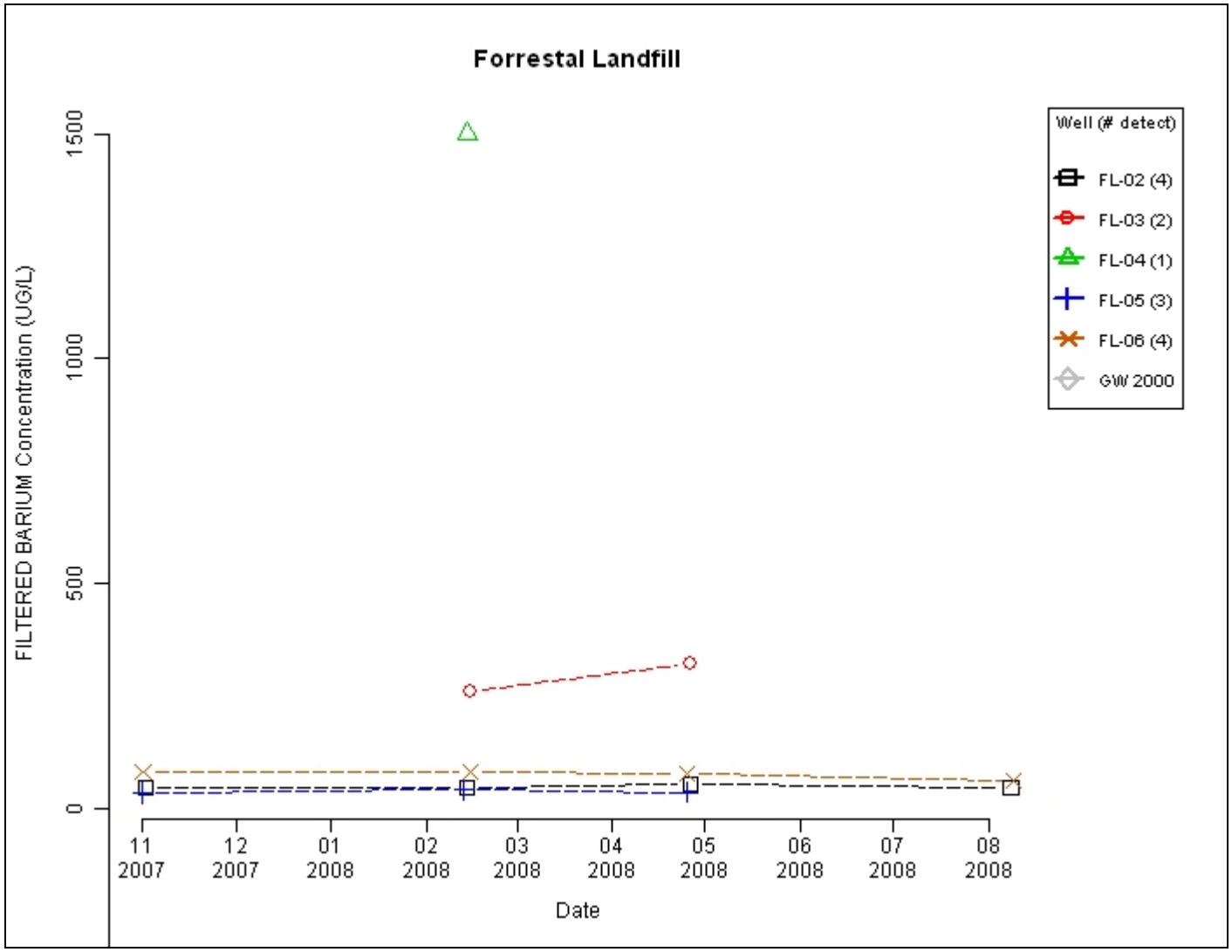

Forrestal Landfill
TOTAL SUSPENDED SOLIDS Concentration (MG/L)
0
100
200
300
400
500
600
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (2)
FL-02 (7)
FL-03 (8)
FL-04 (8)
FL-05 (7)
FL-06 (7)
GW NA

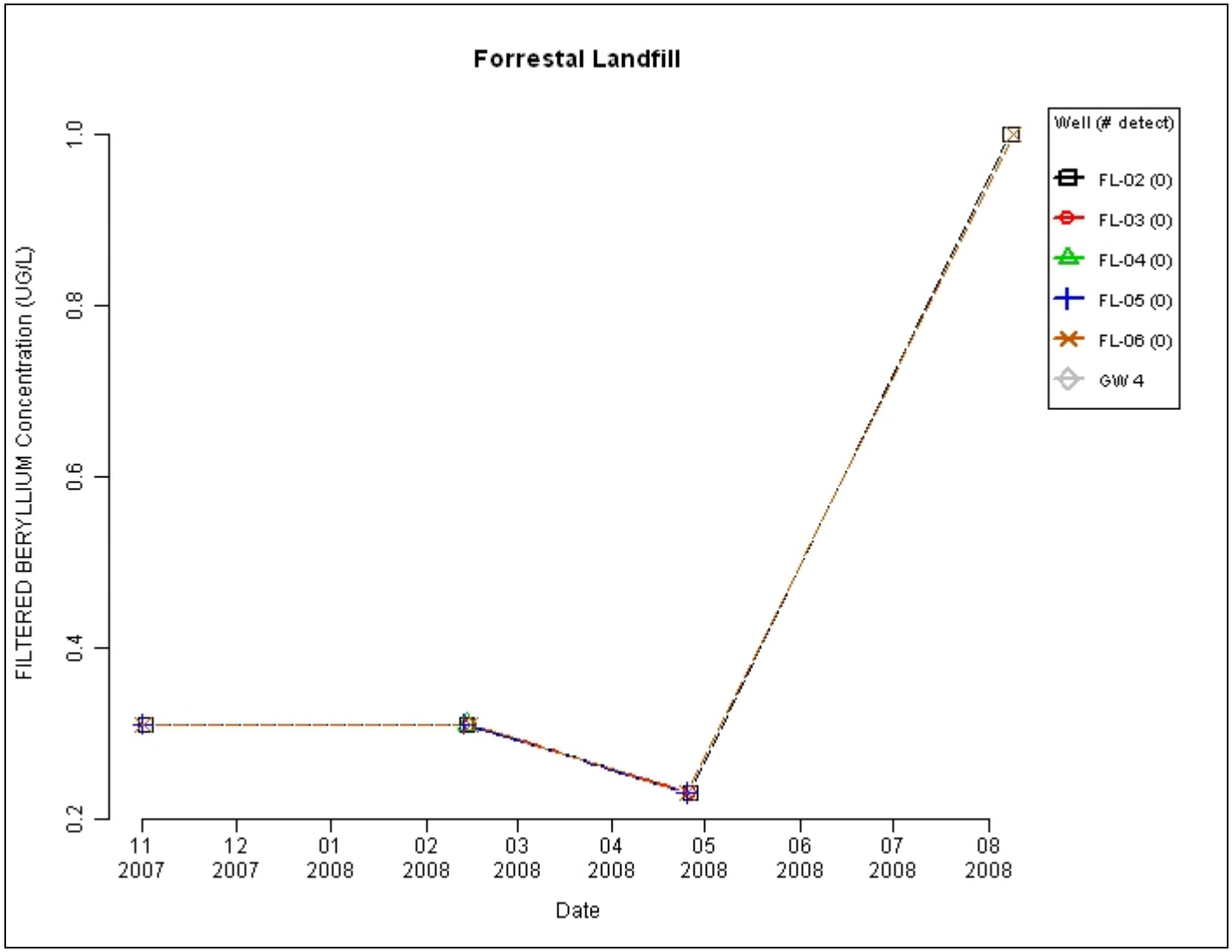

Forrestal Landfill
VANADIUM Concentration (UG/L)
0
20
40
60
80
100
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
FL-01 (3)
FL-02 (6)
FL-03 (1)
FL-04 (5)
FL-05 (5)
FL-06 (5)
GW 49

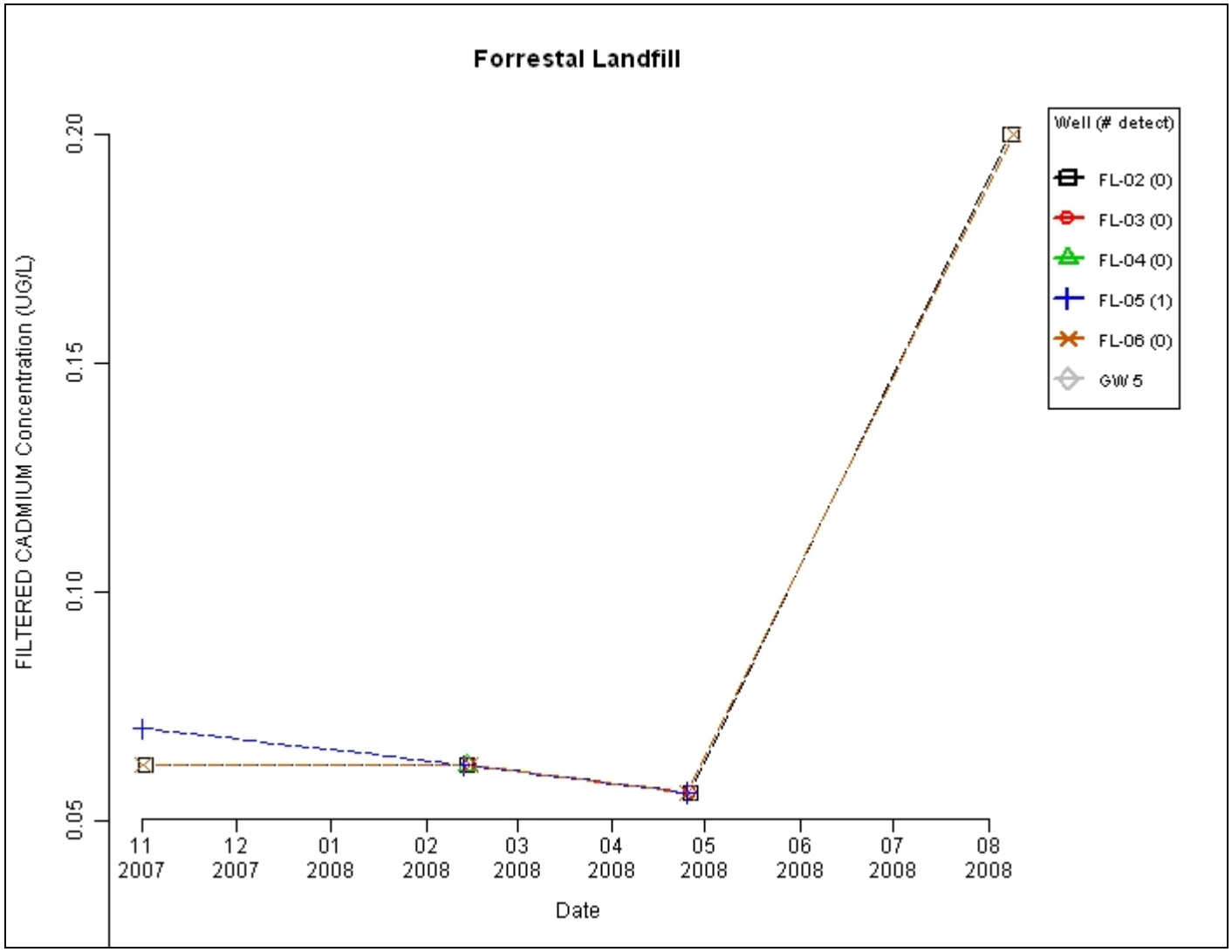

Forrestal Landfill
FILTERED ALUMINUM Concentration (UG/L)
0
100
200
300
400
500
600
700
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (1)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (2)
GW 3500

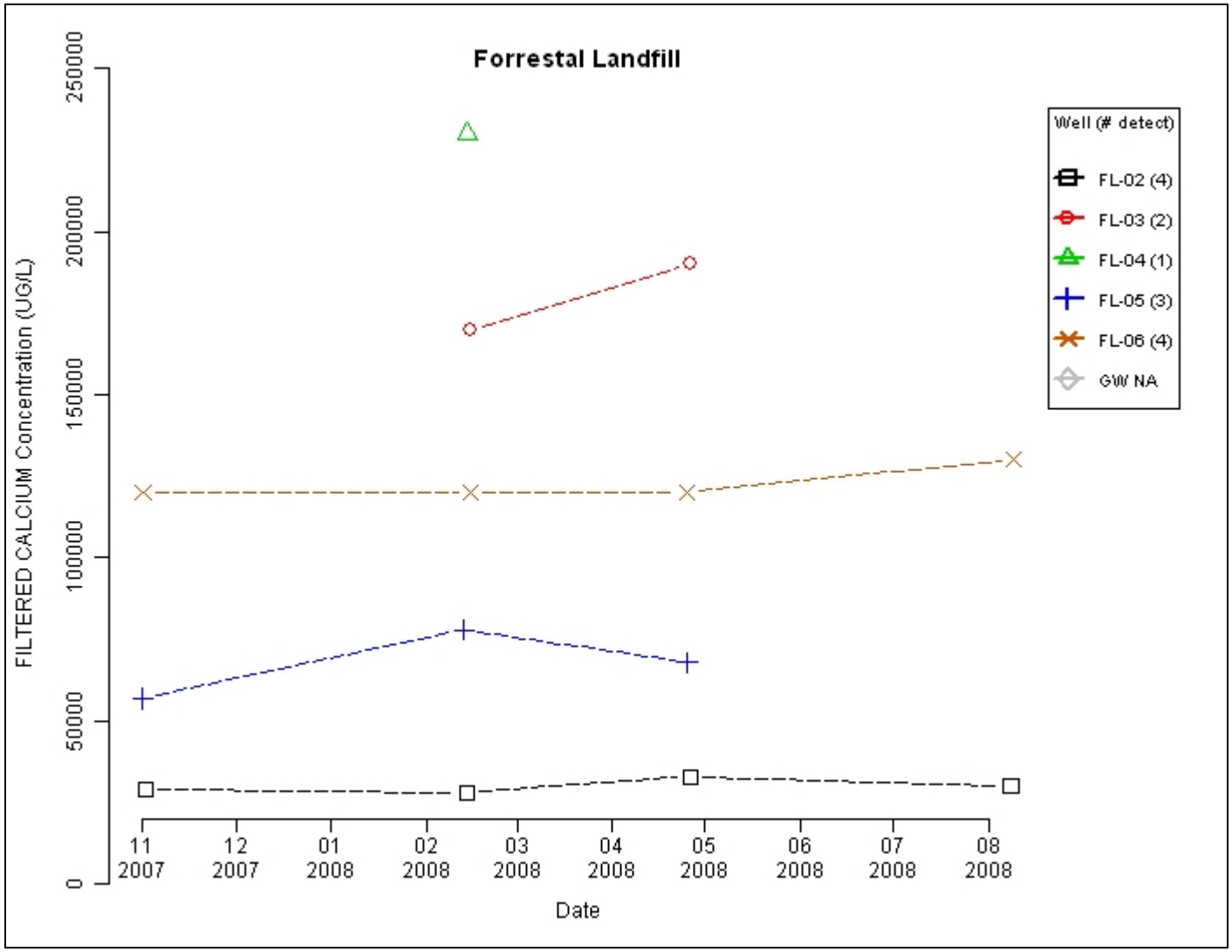

Forrestal Landfill
FILTERED ANTIMONY Concentration (UG/L)
0.2
0.4
0.6
0.8
1.0
1.2
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (0)
FL-03 (0)
FL-04 (1)
FL-05 (0)
FL-06 (0)
GW 6

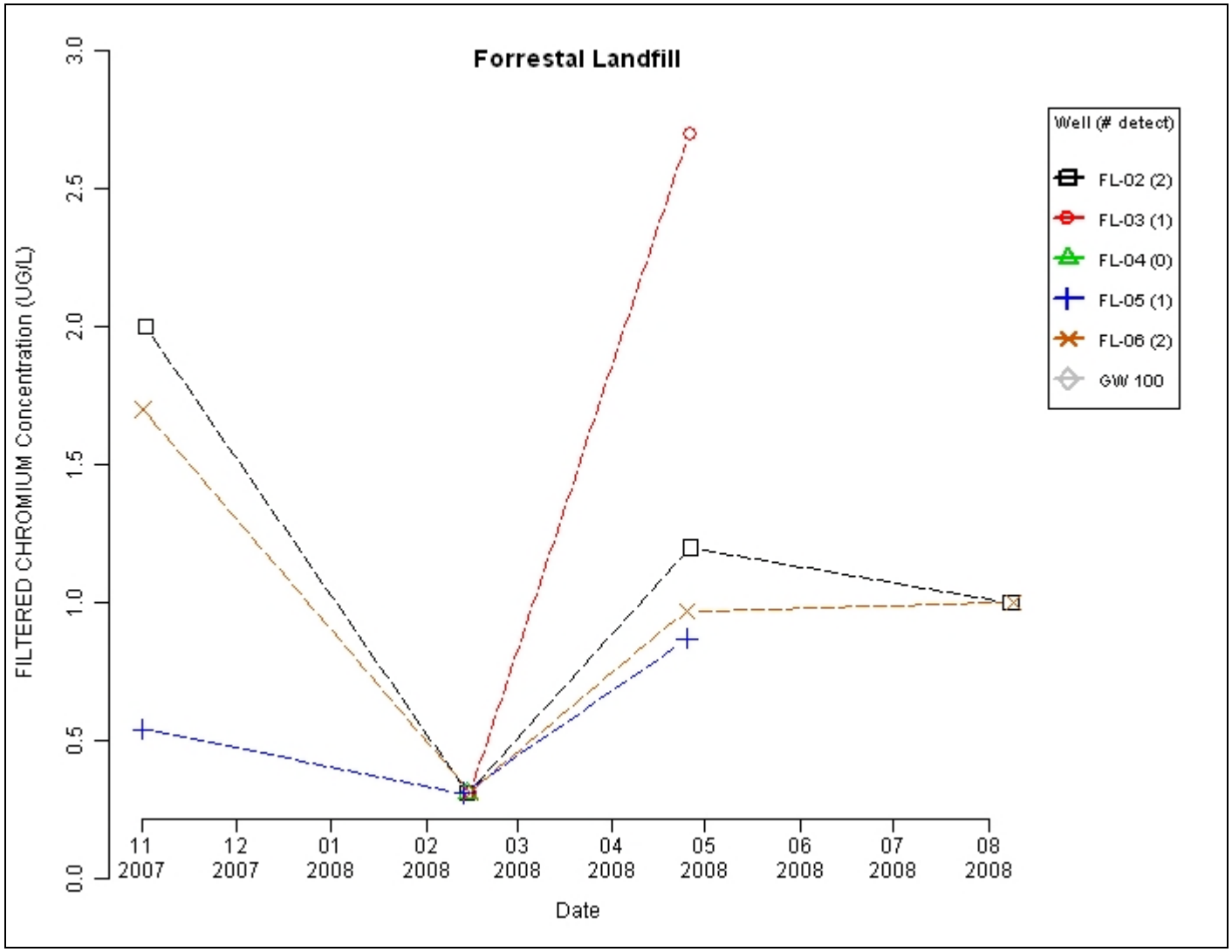

Forrestal Landfill
FILTERED ARSENIC Concentration (UG/L)
0
2
4
6
8
10
12
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (2)
GW 50

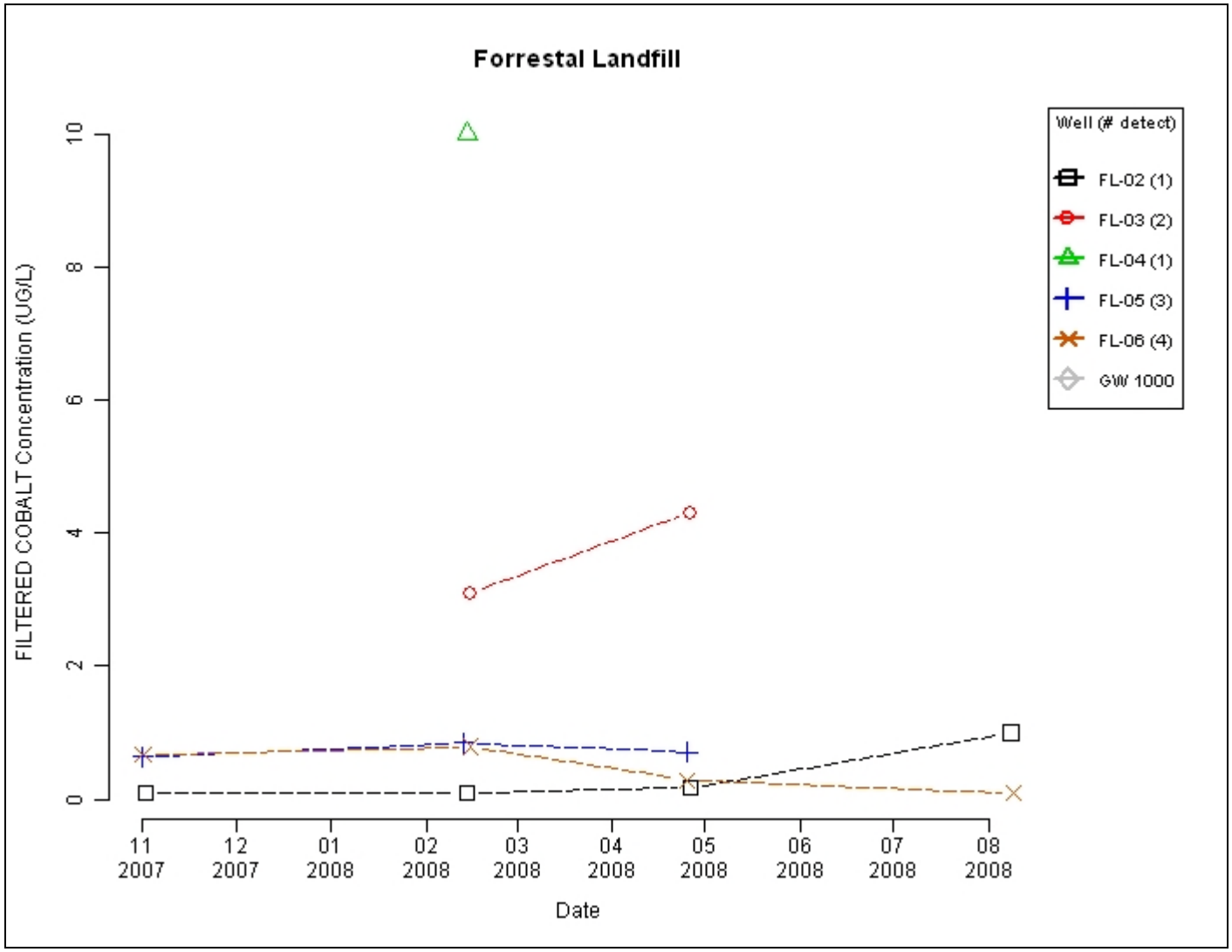

Forrestal Landfill
FILTERED BARIUM Concentration (UG/L)
0
500
1000
1500
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW 2000

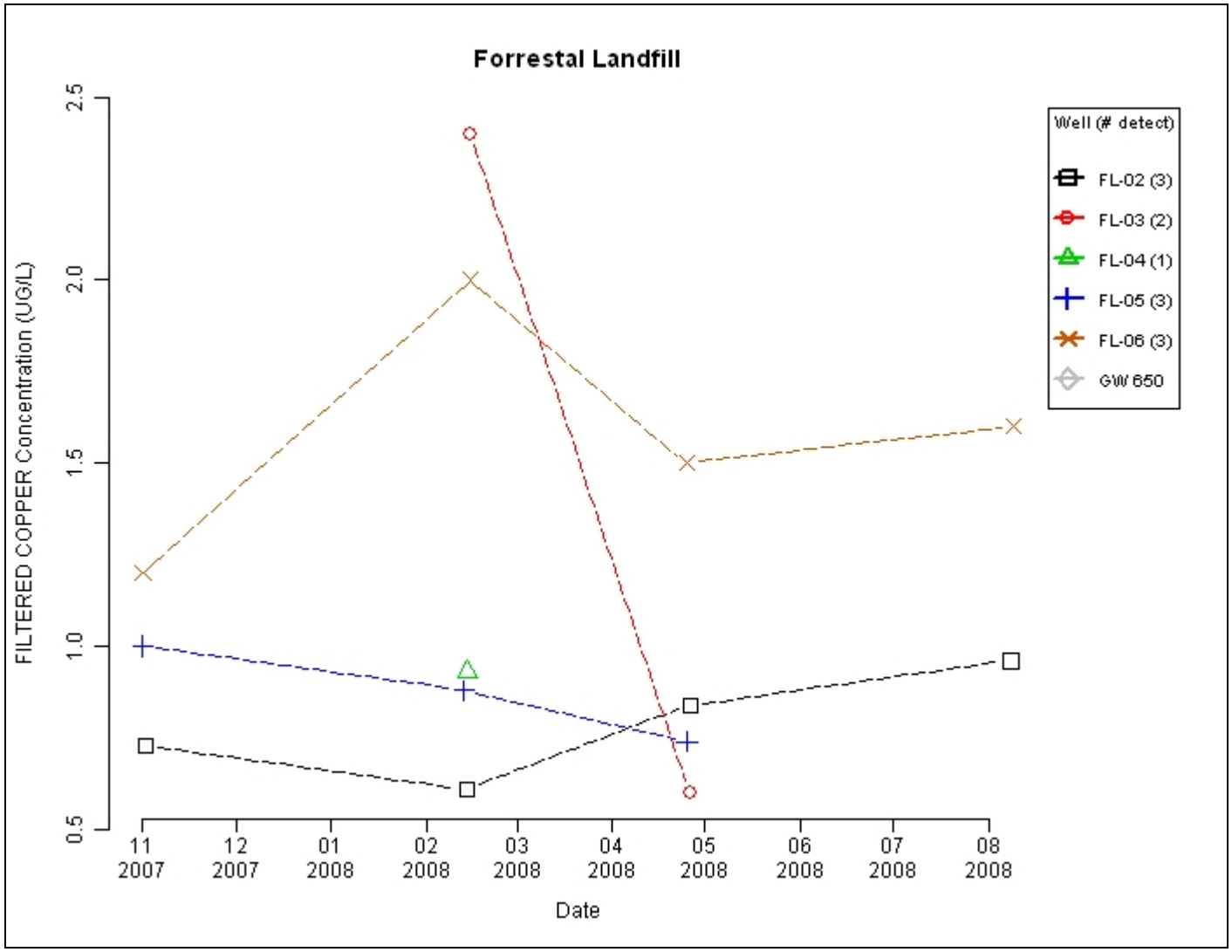

Forrestal Landfill
FILTERED BERYLLIUM Concentration (UG/L)
0.2
0.4
0.6
0.8
1.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 4

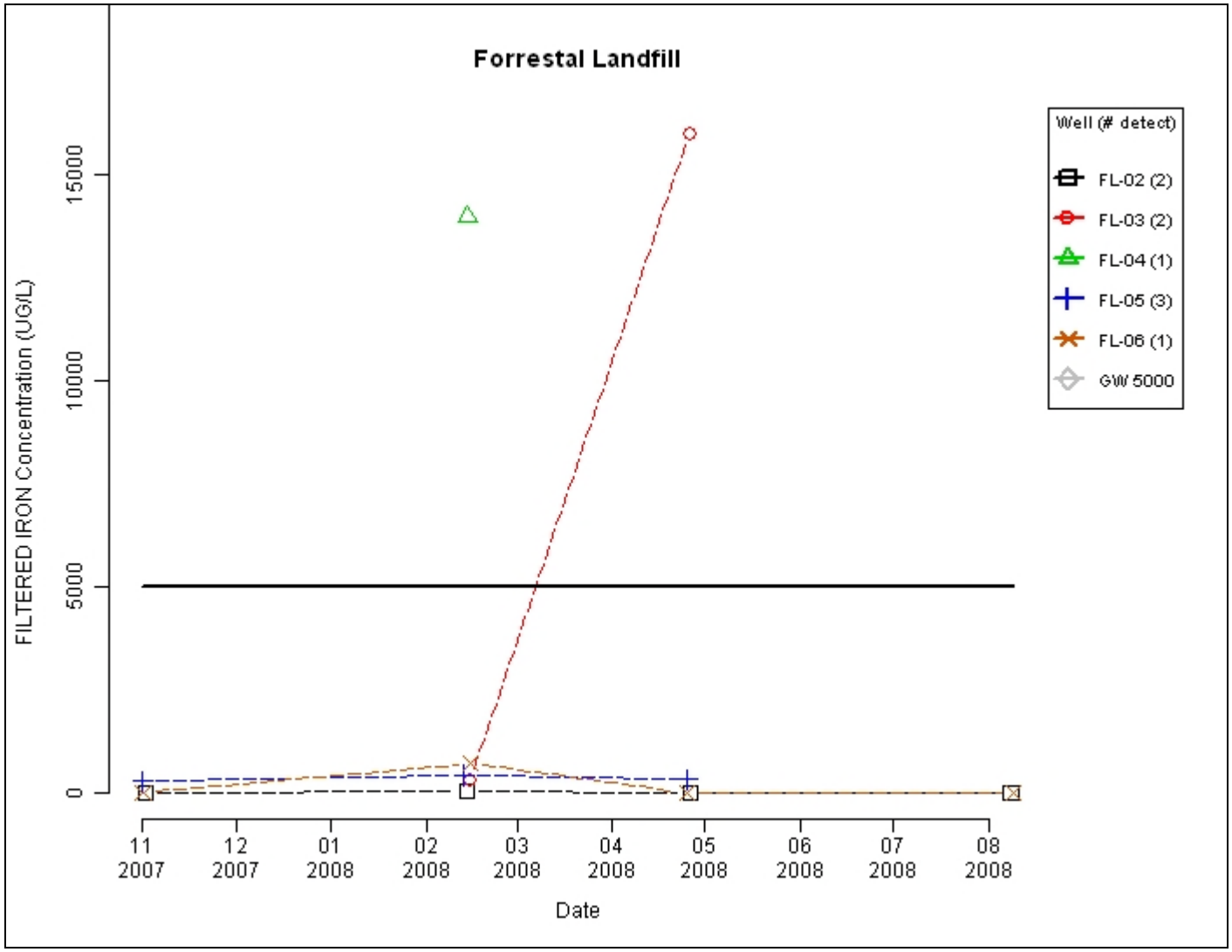

Forrestal Landfill
FILTERED CADMIUM Concentration (UG/L)
0.05
0.10
0.15
0.20
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (1)
FL-06 (0)
GW 5

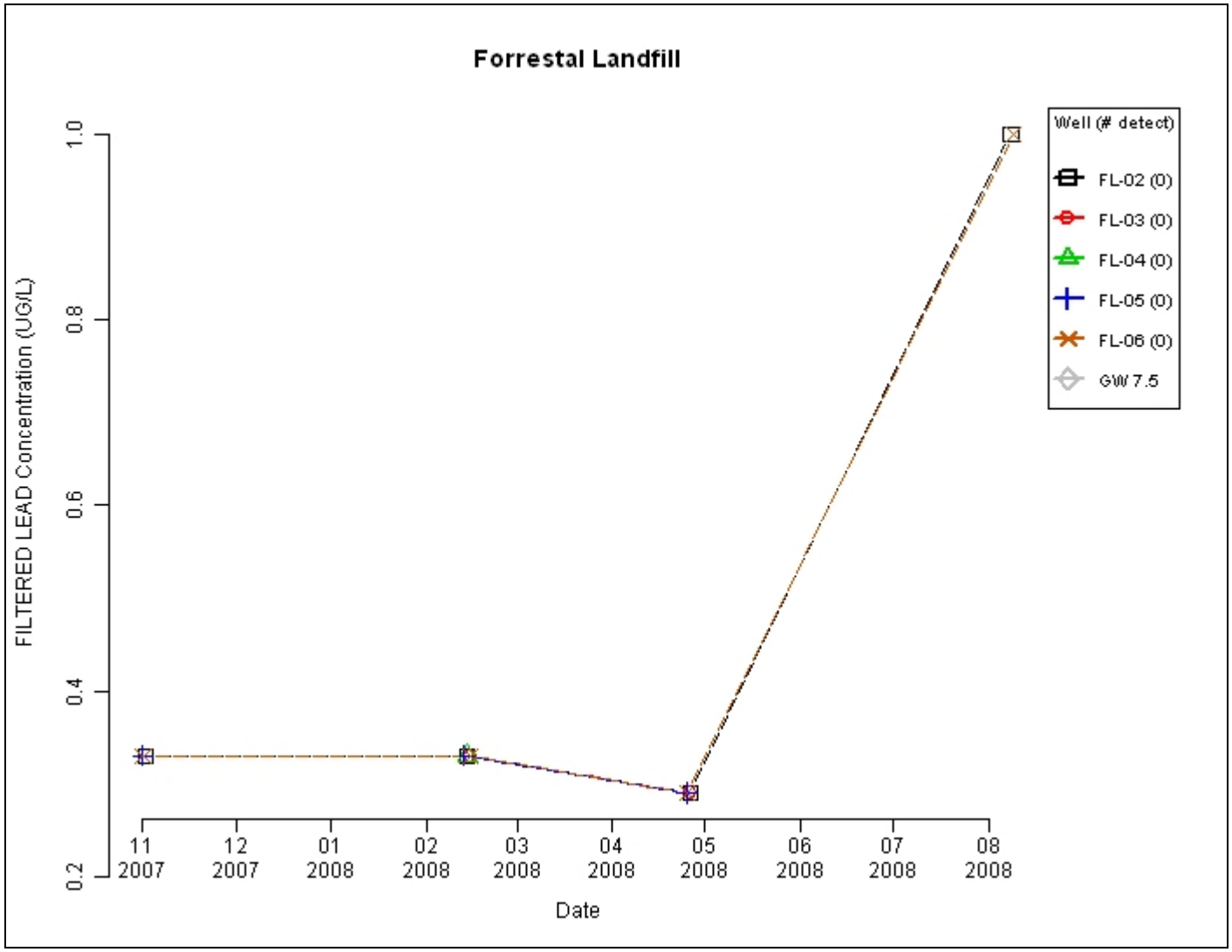

Forrestal Landfill
FILTERED CALCIUM Concentration (UG/L)
0
50000
100000
150000
200000
250000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW NA

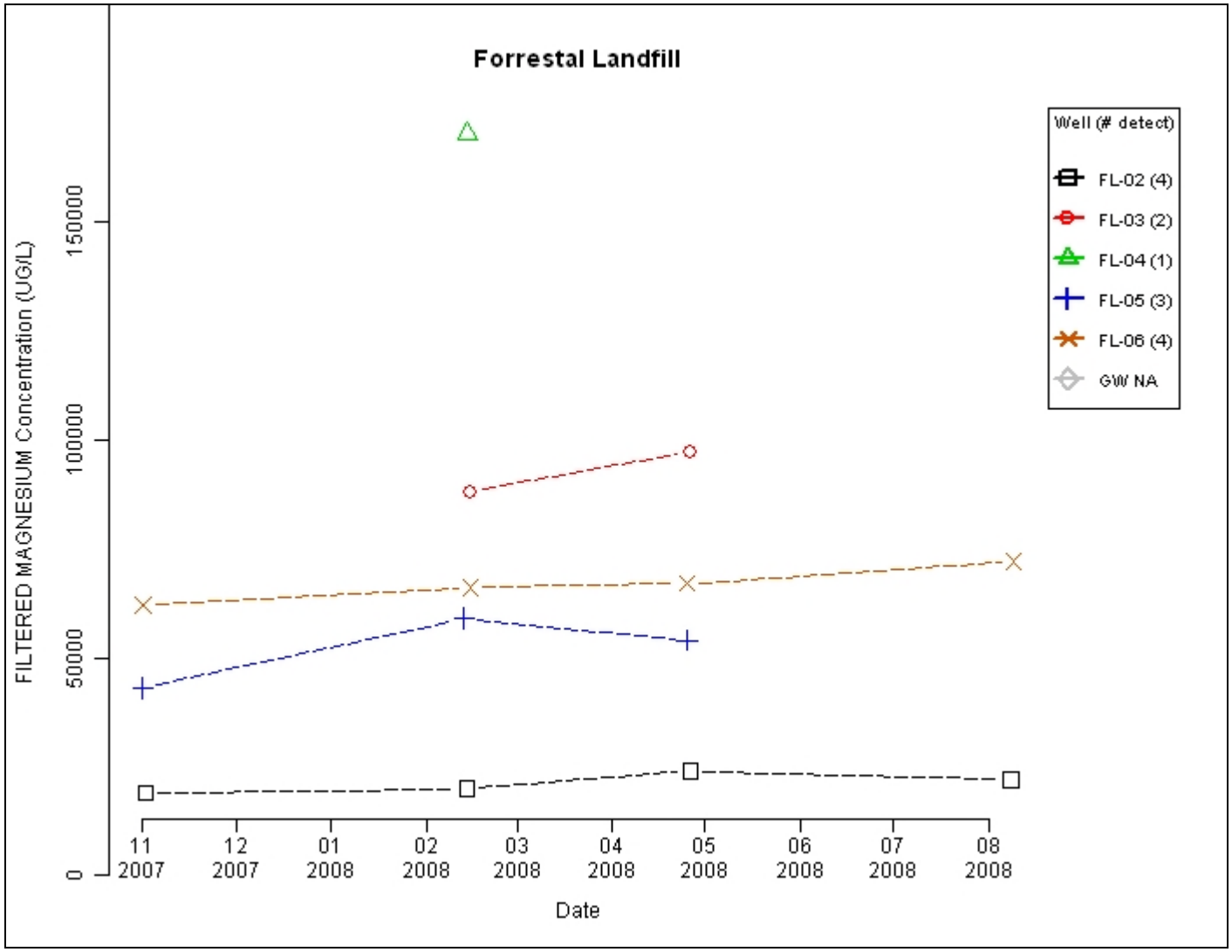

Forrestal Landfill
FILTERED CHROMIUM Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (2)
FL-03 (1)
FL-04 (0)
FL-05 (1)
FL-06 (2)
GW 100

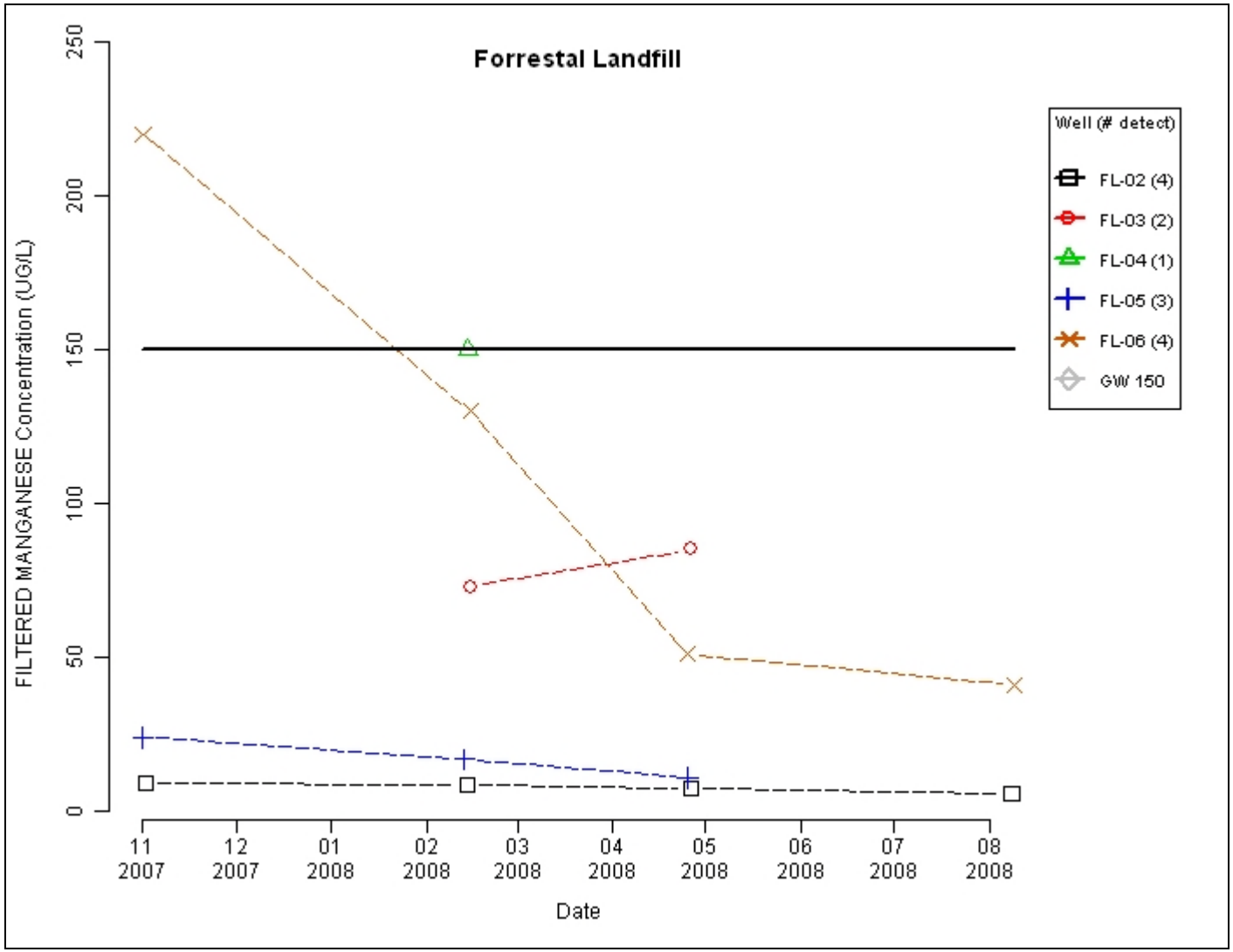

Forrestal Landfill
FILTERED COBALT Concentration (UG/L)
0
2
4
6
8
10
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (1)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW 1000

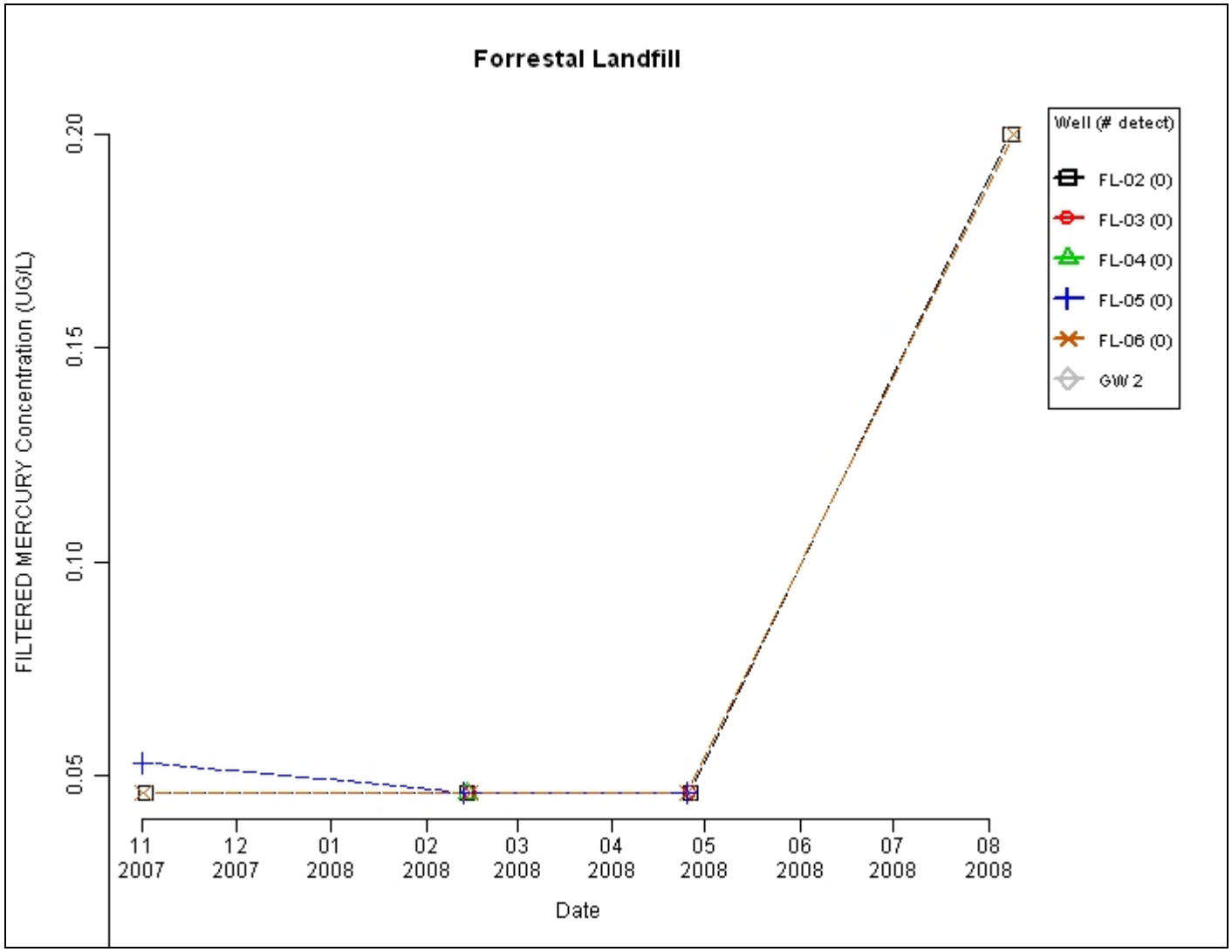

Forrestal Landfill
FILTERED COPPER Concentration (UG/L)
0.5
1.0
1.5
2.0
2.5
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (3)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (3)
GW 650

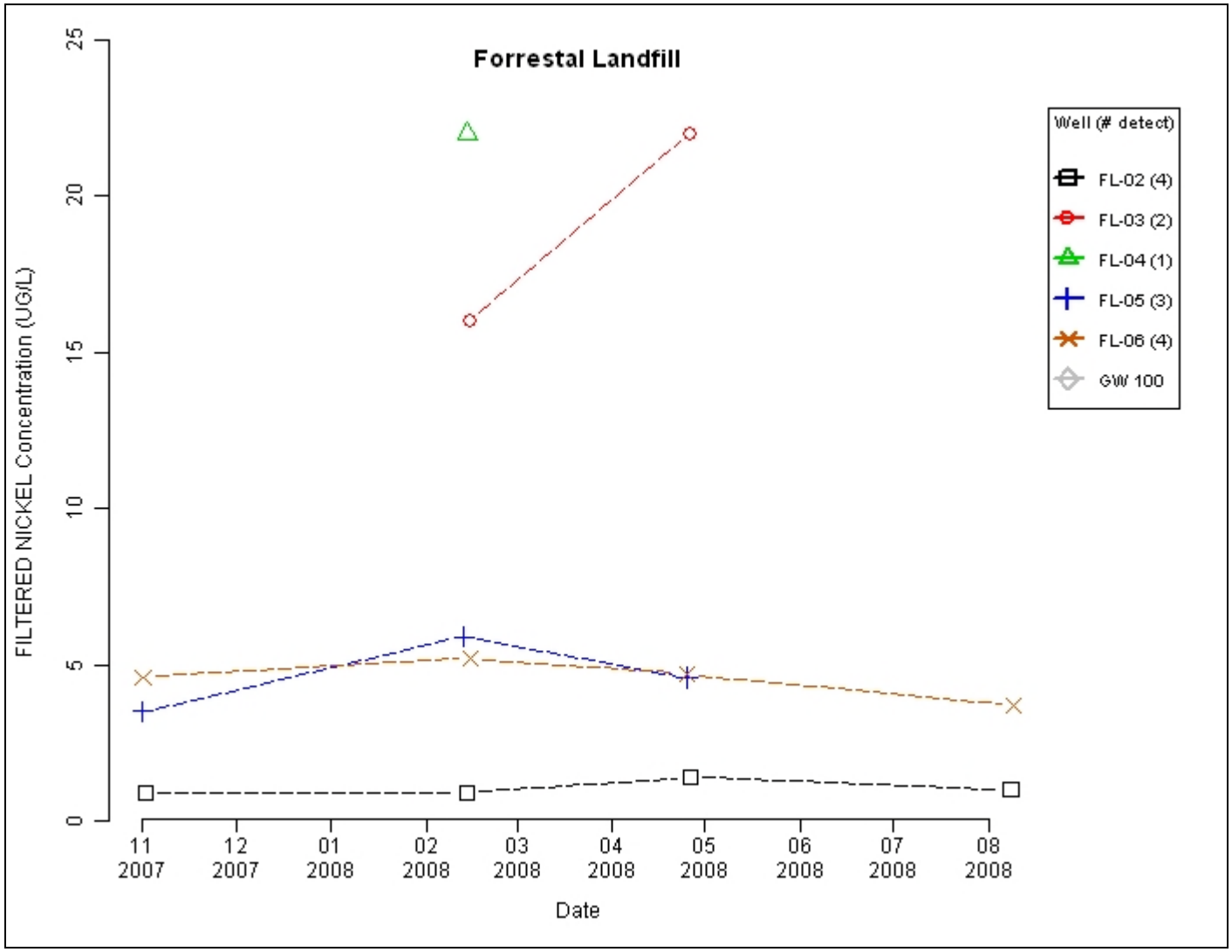

Forrestal Landfill
FILTERED IRON Concentration (UG/L)
0
5000
10000
15000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (2)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (1)
GW 5000

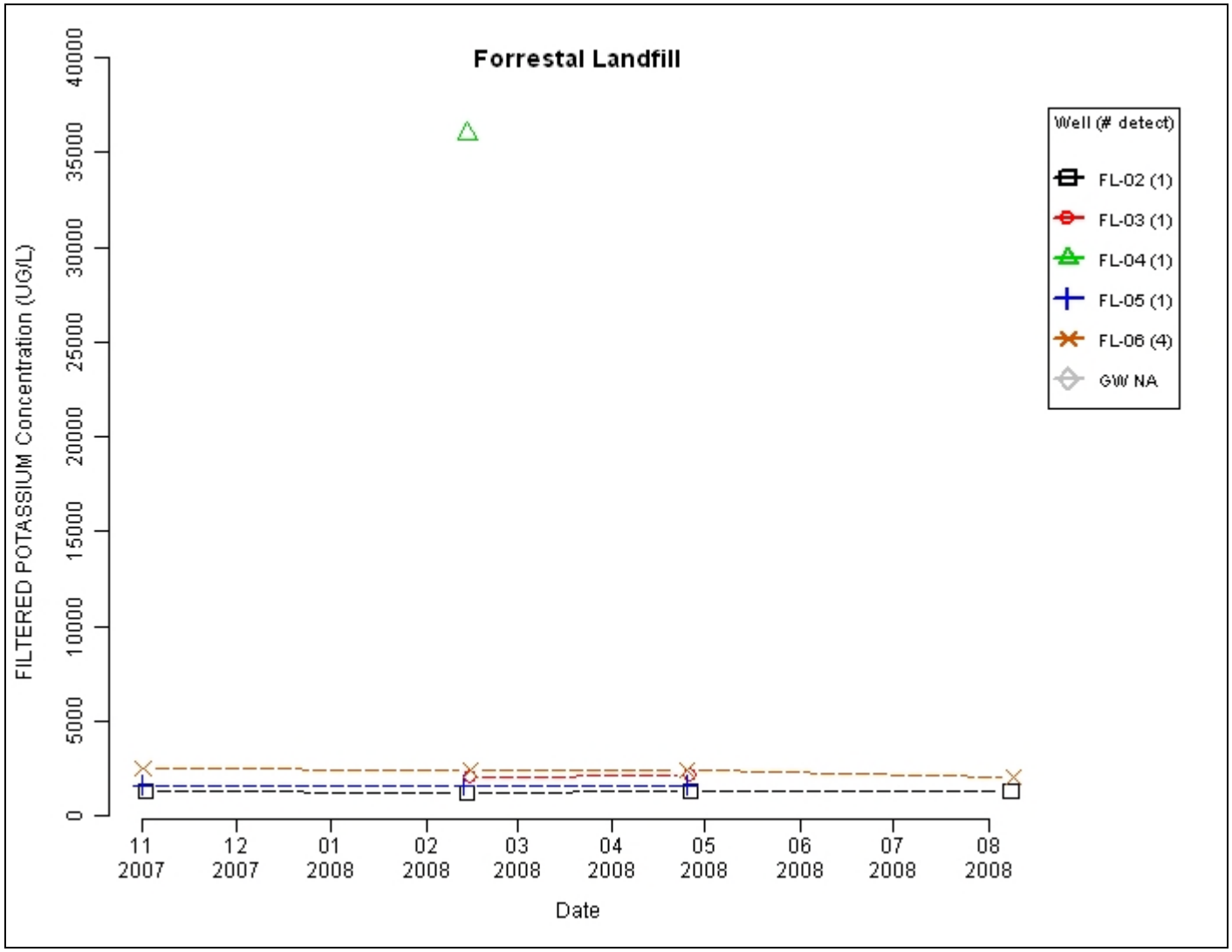

Forrestal Landfill
FILTERED LEAD Concentration (UG/L)
1.0
0.8
0.6
0.4
0.2
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 7.5

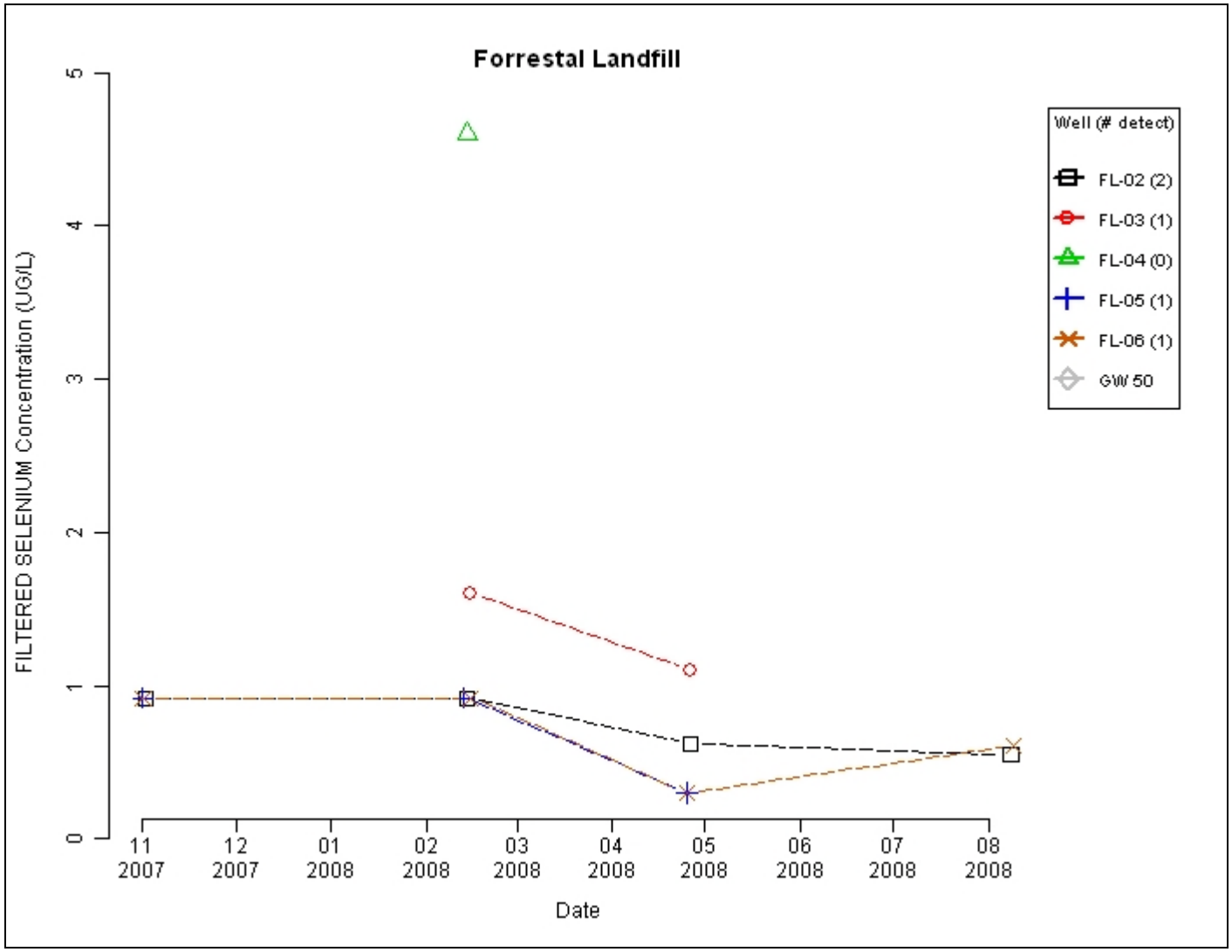

Forrestal Landfill
FILTERED MAGNESIUM Concentration (UG/L)
0
50000
100000
150000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW NA

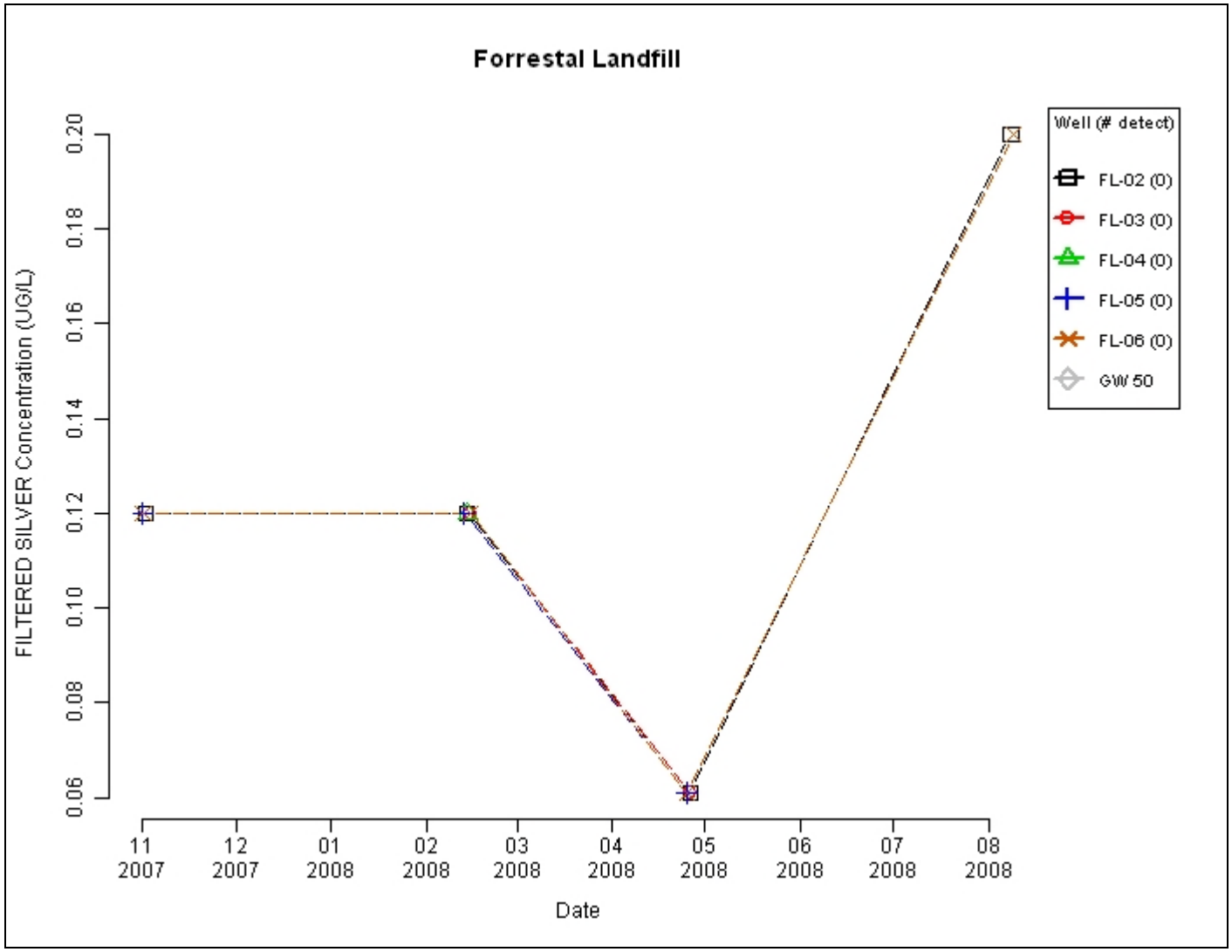

Forrestal Landfill
FILTERED MANGANESE Concentration (UG/L)
0
50
100
150
200
250
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW 150

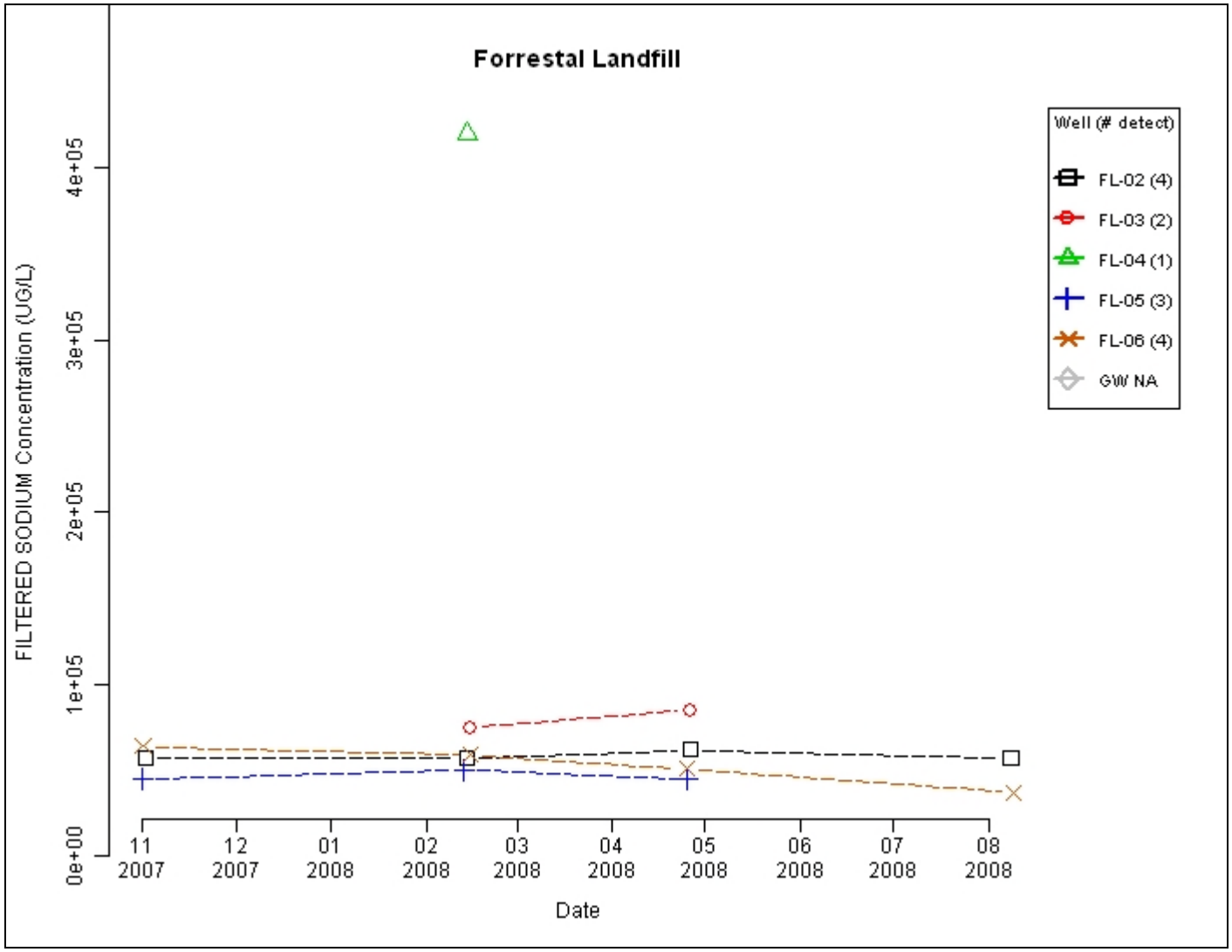

Forrestal Landfill
FILTERED MERCURY Concentration (UG/L)
0.05
0.10
0.15
0.20
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 2

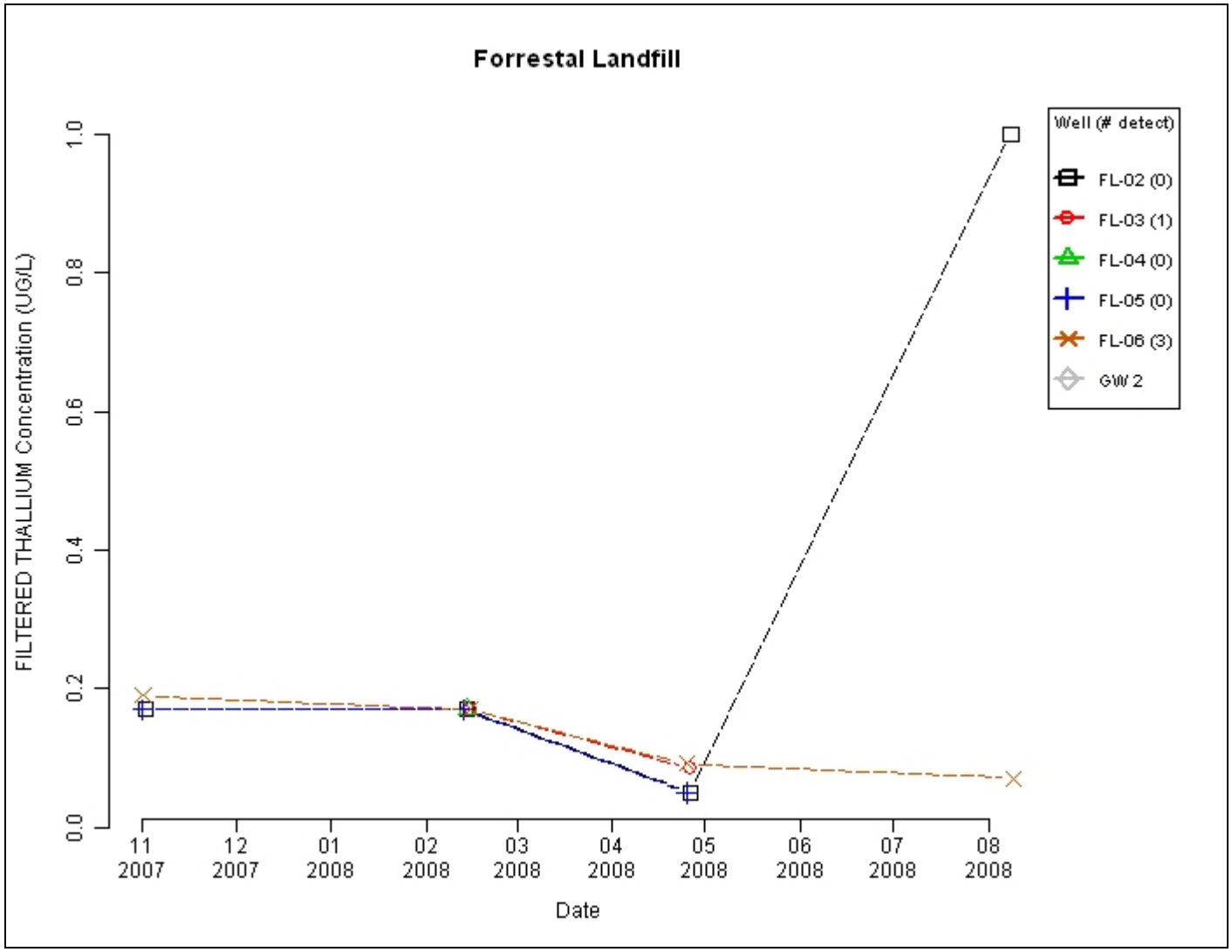

Forrestal Landfill
FILTERED NICKEL Concentration (UG/L)
0
5
10
15
20
25
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW 100

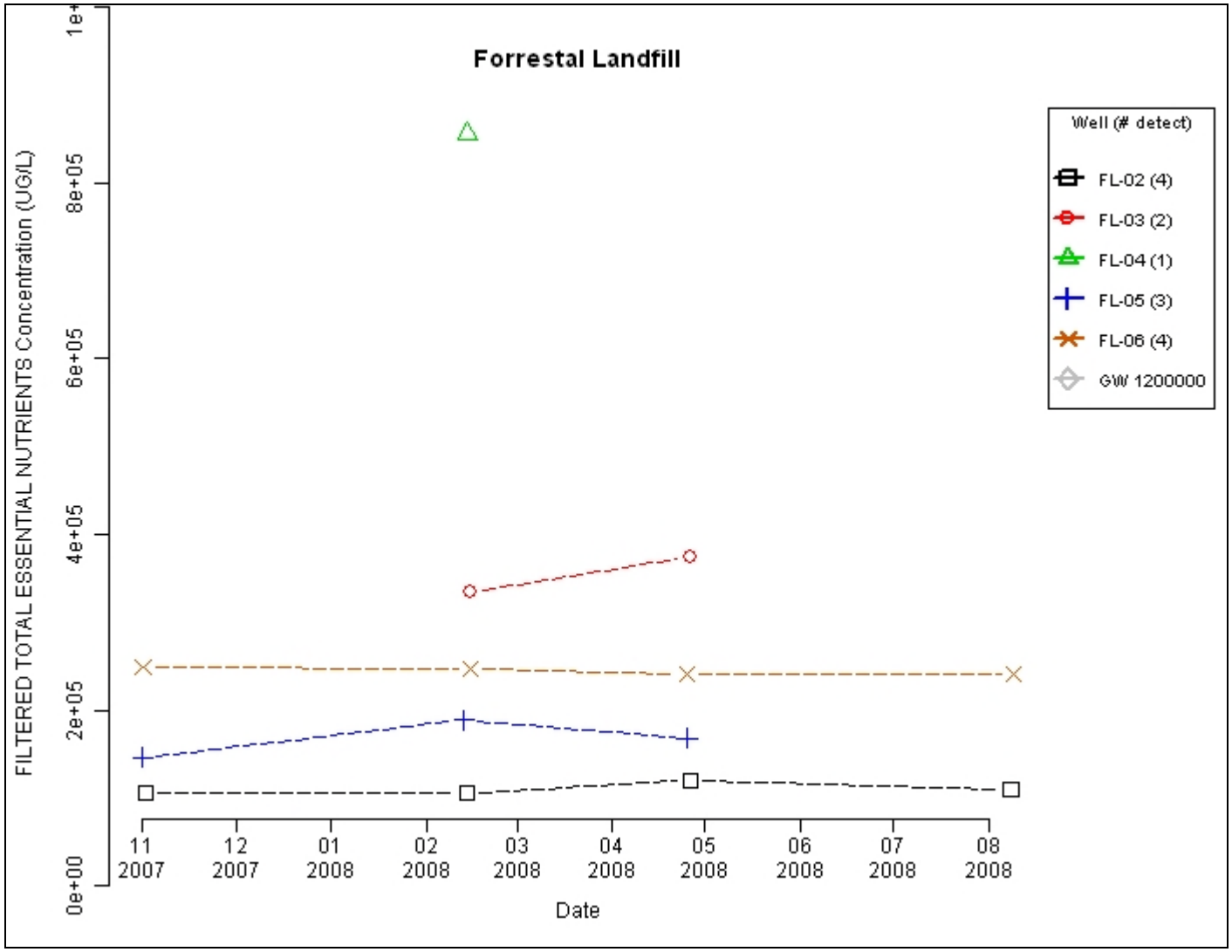

Forrestal Landfill
FILTERED POTASSIUM Concentration (UG/L)
0
5000
10000
15000
20000
25000
30000
35000
40000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (1)
FL-03 (1)
FL-04 (1)
FL-05 (1)
FL-06 (4)
GW NA

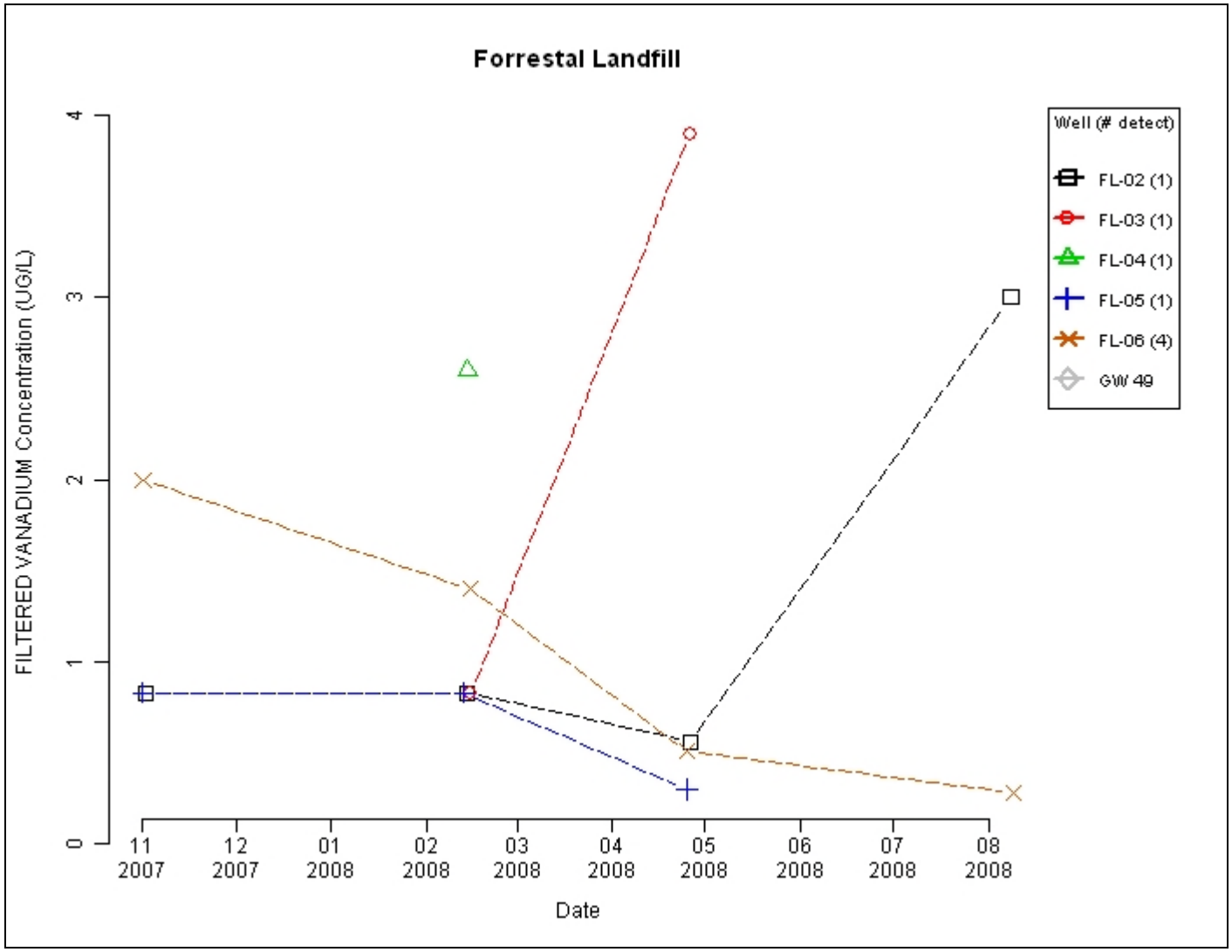

Forrestal Landfill
FILTERED SELENIUM Concentration (UG/L)
0
1
2
3
4
5
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (2)
FL-03 (1)
FL-04 (0)
FL-05 (1)
FL-06 (1)
GW 50

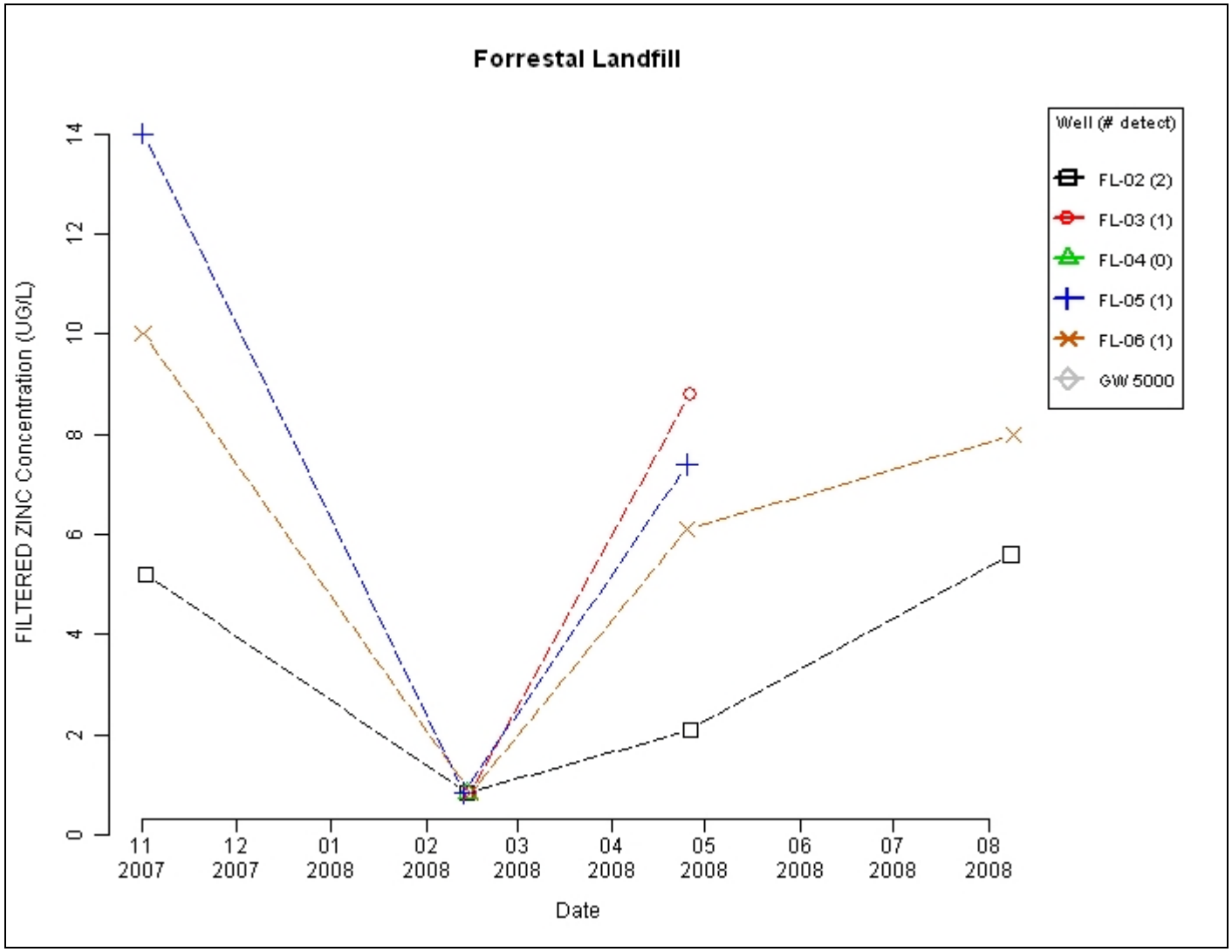

Forrestal Landfill
FILTERED SILVER Concentration (UG/L)
0.06
0.08
0.10
0.12
0.14
0.16
0.18
0.20
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (0)
FL-03 (0)
FL-04 (0)
FL-05 (0)
FL-06 (0)
GW 50


Forrestal Landfill
FILTERED SODIUM Concentration (UG/L)
0e+00
1e+05
2e+05
3e+05
4e+05
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW NA


Forrestal Landfill
FILTERED THALLIUM Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (0)
FL-03 (1)
FL-04 (0)
FL-05 (0)
FL-06 (3)
GW 2


Forrestal Landfill
FILTERED TOTAL ESSENTIAL NUTRIENTS Concentration (UG/L)
1e+
8e+05
6e+05
4e+05
2e+05
0e+00
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (4)
FL-03 (2)
FL-04 (1)
FL-05 (3)
FL-06 (4)
GW 1200000


Forrestal Landfill
FILTERED VANADIUM Concentration (UG/L)
0
1
2
3
4
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (1)
FL-03 (1)
FL-04 (1)
FL-05 (1)
FL-06 (4)
GW 49


Forrestal Landfill
FILTERED ZINC Concentration (UG/L)
0
2
4
6
8
10
12
14
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
FL-02 (2)
FL-03 (1)
FL-04 (0)
FL-05 (1)
FL-06 (1)
GW 5000

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01
SAMPLE ID	SL-01_20060801	SL-01_20070115	SL-01_20070426	SL-01_20070731	NTC03GW0105	NTC03GW0106	NTC03GW0107	NTC03GW0108
SAMPLE DATE	08/01/2006	01/15/2007	04/26/2007	07/31/2007	11/15/2007	02/27/2008	05/06/2008	08/18/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE					1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U				
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 U	1 U
2-BUTANONE	2.5 U	4.38	4.38	2.5 U	5 UJ	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	5 UJ	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	23.3	2.66 J	5 U	5 U	5 UJ	5 U
ACROLEIN	20 U	20 U	20 U	20 U	5 UR	5 UR	5 U	5 UJ
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CYCLOHEXANE					5 U	5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**
SAMPLE ID	**SL-01_20060801**	**SL-01_20070115**	**SL-01_20070426**	**SL-01_20070731**	**NTC03GW0105**	**NTC03GW0106**	**NTC03GW0107**	**NTC03GW0108**
SAMPLE DATE	**08/01/2006**	**01/15/2007**	**04/26/2007**	**07/31/2007**	**11/15/2007**	**02/27/2008**	**05/06/2008**	**08/18/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
ETHYL ACETATE	25 U	25 U	25 U	25 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U				
METHYL ACETATE					5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE					5 U	5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER					1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U				
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR	5 UJ
TOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TOTAL XYLENES					1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	5 U	5 UJ	5 U	5 U
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 UJ	5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)					0.54 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	1.1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	5.4 U	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	12.5 U	12.9 U	1.1 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U				
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	12.5 U	12.9 U	1.1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	0.54 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.5 U	2.58 U	1.1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**
SAMPLE ID	**SL-01_20060801**	**SL-01_20070115**	**SL-01_20070426**	**SL-01_20070731**	**NTC03GW0105**	**NTC03GW0106**	**NTC03GW0107**	**NTC03GW0108**
SAMPLE DATE	**08/01/2006**	**01/15/2007**	**04/26/2007**	**07/31/2007**	**11/15/2007**	**02/27/2008**	**05/06/2008**	**08/18/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
4-METHYLPHENOL					0.54 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	12.5 U	12.5 U	12.5 U	12.9 U	1.1 U	1 U	1 U	1 U

LOCATION ID	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01
SAMPLE ID	SL-01_20060801	SL-01_20070115	SL-01_20070426	SL-01_20070731	NTC03GW0105	NTC03GW0106	NTC03GW0107	NTC03GW0108
SAMPLE DATE	08/01/2006	01/15/2007	04/26/2007	07/31/2007	11/15/2007	02/27/2008	05/06/2008	08/18/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
4-NITROPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	5.4 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
ANILINE	-99 U	-99 U	5.21 U	5.15 U	0.54 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.05 J	0.052 J
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.5 U	2.58 U				
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	1.1 U	1 U	1 U	1 U
CAPROLACTAM	2.5 U	2.5 U	2.5 U	2.58 U	1.1 U	1 U	1 U	1 UJ
CARBAZOLE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.052 J
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	1.1 U	1 U	3.3 U	1 U
DI-N-OCTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.02 J	0.042 J
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.035 U	0.5 U	0.50 U
NAPHTHALENE	0.0526 U	0.0583	0.0526 U	0.0532 U	0.065 J	0.5 U	0.03 J	0.50 U
NITROBENZENE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	1.1 U	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.021 J
PHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.54 U	0.5 U	0.5 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0532 U	0.54 U	0.5 U	0.5 U	0.052 J
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.255 U	0.263 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.255 U	0.263 U	0.20 U	0.2 U	0.2 U	0.20 U

LOCATION ID	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01
SAMPLE ID	SL-01_20060801	SL-01_20070115	SL-01_20070426	SL-01_20070731	NTC03GW0105	NTC03GW0106	NTC03GW0107	NTC03GW0108
SAMPLE DATE	08/01/2006	01/15/2007	04/26/2007	07/31/2007	11/15/2007	02/27/2008	05/06/2008	08/18/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
AROCLOR-1232	0.255 U	0.255 U	0.255 U	0.263 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.255 U	0.263 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.255 U	0.263 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1254	0.255 U	0.255 U	0.255 U	0.263 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.255 U	0.263 U	0.20 U	0.2 U	0.2 U	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.05 U	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0102 U	0.0105 U	0.50 U	0.5 U	0.5 U	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.306 U	0.316 U	1 U	1 U	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								
ALACHLOR	0.1 U	0.1 U	0.1 U	0.2 U	0.40 U	0.2 U	0.19 U	0.19 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.05 U				0.19 U
ATRAZINE	0.1 U	0.1 U	0.1 U	0.3 U	0.20 U	0.2 U	0.19 U	
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.4 U	0.40 U	0.5 U	0.48 U	0.49 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.05 U				
ENDRIN	0.01 U	0.01 U	0.01 U	0.1 U				
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.1 U				
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U				
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.8 U	0.80 U	0.2 U	0.19 U	0.19 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.2 U	0.20 U	0.2 U	0.19 U	0.19 UJ
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.5 U	0.40 U	0.2 U	0.19 U	0.19 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.35 U	0.20 U	0.5 U	0.48 U	0.49 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U	0.5 U	2 U	2 U	2.5 U	2.5 U	2.5 U
ALDICARB	0.5 U	0.5 U	0.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U	0.7 U	0.7 U	1 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U	0.5 U	0.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
CARBARYL	0.5 U	0.5 U	0.5 U	2 U	2 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	0.9 U	0.9 U	0.9 U	0.9 U	4 U	2.5 U	2.5 U	2.5 U
METHIOCARB					1.7 U			
METHOMYL	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	2.5 U
OXAMYL	1 U	1 U	1 U	2 U	20 U	2.5 U	2.5 U	2.5 U
PROPOXUR					2 U			
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.1 U	0.05 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.1 U	0.05 U	0.20 U	0.2 U	0.2 U	0.20 U
2,4-D	1 U	1 U	1 U	0.5 U	2 U	2 U	2 U	2 U
2,4-DB	1 U	1 U	1 U	0.5 U	2 U	2 UJ	2 U	2 U
DALAPON	2.5 U	2.5 U	2.5 U	1.25 U	2 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	1 U	1 U	1 U	0.5 U	2 U	2 U	2 U	2 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**
SAMPLE ID	**SL-01_20060801**	**SL-01_20070115**	**SL-01_20070426**	**SL-01_20070731**	**NTC03GW0105**	**NTC03GW0106**	**NTC03GW0107**	**NTC03GW0108**
SAMPLE DATE	**08/01/2006**	**01/15/2007**	**04/26/2007**	**07/31/2007**	**11/15/2007**	**02/27/2008**	**05/06/2008**	**08/18/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
DINOSEB	0.5 U	0.5 U	0.5 U	0.25 U	1 U	1 U	1 U	1 U
MCPA	100 U	100 U	100 U	50 U	200 U	200 U	200 U	200 U
MCPP	100 U	100 U	100 U	50 U	200 U	200 U	200 U	200 U
PENTACHLOROPHENOL	0.1 U	0.1 U	0.1 U	0.1 U				

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01	SL-01
SAMPLE ID	SL-01_20060801	SL-01_20070115	SL-01_20070426	SL-01_20070731	NTC03GW0105	NTC03GW0106	NTC03GW0107	NTC03GW0108
SAMPLE DATE	08/01/2006	01/15/2007	04/26/2007	07/31/2007	11/15/2007	02/27/2008	05/06/2008	08/18/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.55 U	2.63 U	5 U	5 U	0.830000 U	5 U
INORGANICS - TOTAL / DISSOLVED (UG/L)								
ALUMINUM	150	84.7	84.7	50 U	0.44 U	84	41 / 26	100 U
ANTIMONY	0.414	0.38	0.25 U	0.416 J	1 U	0.44 U	0.32 U / 0.41	1 U
ARSENIC	5 U	5 U	5 U	5 U	1.1	0.74 U	0.93 / 0.64	0.69 J
BARIUM	60	55.4	49.3	69.7	77	50	53 / 47	71
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.31 U	0.31 U	0.23 U / 0.23 U	1 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.062 U	0.062 U	0.056 U / 0.056 U	0.20 U
CALCIUM	41900	137000	151000	49300	57000 J	170000	170000 / 170000	52000
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.31 U	0.31 U	0.76 / 0.33 U	1 UJ
COBALT	2.5 U	2.5 U	2.5 U	2.5 U	0.22	1.2	1.1 / 1.1	0.16 J
COPPER	5 U	5 U	5 U	5 U	0.71	0.67 J	1.6 / 0.83	0.63 J
IRON	470	592	949	529	620 J	1300	2300 / 740	910
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	0.33 U	0.33 U	0.4 / 0.29 U	1 U
MAGNESIUM	39900	79000	76100	46300	50000 J	87000	83000 / 83000	46000
MANGANESE	16.3	386	95.7	22.8	21	180	170 / 150	19
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.078 U	0.046 U	0.046 U / 0.046 U	0.20 U
NICKEL	5 U	5 U	5 U	5 U	0.77	1.8	3 / 2.9	0.66 J
POTASSIUM	1840	1720	1380	1880	2000	1300 J	1400 / 1400	1800
SELENIUM	0.50 U	0.50 U	0.571	0.50 U	0.92 U	0.92 U	0.30 U / 0.30 U	0.56 UJ
SILVER	5 U	5 U	5 U	5 U	0.12 U	0.12 U	0.061 U / 0.061 UJ	0.20 U
SODIUM	39100	35800	31500	42100	44000 J	35000	33000 / 33000	42000
THALLIUM	0.05 U	0.05 U	0.05 U	1.19	0.17 U	0.17 U	0.05 U / 0.05 U	1 U
TOTAL ESSENTIAL NUTRIENTS	122740	253520	259980	139580	153000	293300	287400 / 287400	141800
VANADIUM	5 U	5 U	5 U	25 U	0.83 U	0.83 U	0.54 / 0.35	0.38 J
ZINC	5 U	5 U	5 U	5 U	7.6	0.84 U	5.4 U / 11 U	9.1 UJ
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.437	0.229	0.24	0.4	0.28	0.19	0.17	0.42
BIOCHEMICAL OXYGEN DEMAND (MG/L)	7.4	7.6	7.65	6.71	6.1	7.8	8.4	6.1
CHEMICAL OXYGEN DEMAND (MG/L)	10 U	19.6	14.5	10 U	4.7 R	13	11	4.7 J
CHLORIDE (MG/L)	3	10.3	10.7	1.82 J	4.7	21	18	14 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.0032 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.738	0.587	0.423	0.748	0.75	0.44	0.4	0.72
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.0041 U	0.0051	0.0041 UJ	0.01 U
NITRATE (MG/L)	0.025 U	0.059	0.025 U	0.025 U				
NITRATE-N (MG/L)					0.029 U	0.016 U	0.034 J	0.02 U
NITRITE/NITRATE-N (MG/L)					0.029 U	0.016 U	0.034 U	0.02 U
NITRITE-N (MG/L)					0.003	0.0075	0.0029 U	0.0042 U
PH (S.U.)	7.26	6.75	7.37	7.21				
SULFATE (MG/L)	24.1	278	254	60.8	89	370	340	92 J
TOTAL DISSOLVED SOLIDS (MG/L)	874	788	802	402	450	1000	950	440
TOTAL ORGANIC CARBON (MG/L)	2.33	11.5	5.41	2.42	2.8	3.5 J	4.3	1.4 U
TOTAL PHENOLICS (MG/L)	0.00842	0.00333 U	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.05 U	0.077	0.05 U	0.1 U	0.01 UR	0.018	0.035	0.039 J
TOTAL SUSPENDED SOLIDS (MG/L)	5	7.5	7.5	2.5 U	6.7	7.4	6.5	5.4
FIELD RESULTS								
CONDUCTIVITY (MS/CM)					0.761	1.57	1.436	0.72
DISSOLVED OXYGEN (MG/L)					0.08	0.11	0.44	0.31
OXIDATION REDUCTION POTENTIAL (MV)					-55.00	-73	-14	-82.00
PH (S.U.)					6.95	7.07	6.98	6.92

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**	**SL-01**
SAMPLE ID	**SL-01_20060801**	**SL-01_20070115**	**SL-01_20070426**	**SL-01_20070731**	**NTC03GW0105**	**NTC03GW0106**	**NTC03GW0107**	**NTC03GW0108**
SAMPLE DATE	**08/01/2006**	**01/15/2007**	**04/26/2007**	**07/31/2007**	**11/15/2007**	**02/27/2008**	**05/06/2008**	**08/18/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
SALINITY (PPT)					0.00	0	0	
TEMPERATURE (C)					11.19	9.91	12.70	13.8
TURBIDITY (NTU)					3.9	10	7.72	4.11

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	SL-02	SL-02	SL-02	SL-02
SAMPLE ID	NTC03GW0205	NTC03GW0206	NTC03GW0207	NTC03GW0208
SAMPLE DATE	11/16/2007	02/28/2008	05/06/2008	08/18/2008
ROUND	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE				
VOLATILE ORGANIC COMPOUNDS (UG/L)				
1,1,1,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE				
1,4-DICHLOROBENZENE	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	1 U	1 UJ	1 U	1 U
2-BUTANONE	5 UJ	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	5 UJ	5 U	5 U	5 U
2-CHLOROTOLUENE	1 U	1 U	1 U	1 U
2-HEXANONE	5 UJ	5 U	5 U	5 U
4-CHLOROTOLUENE	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	5 UJ	5 U	5 U	5 U
ACETONE	5 U	5 U	5 UJ	5 U
ACROLEIN	5 UR	5 UR	5 U	5 UJ
ACRYLONITRILE	1 U	1 U	1 U	1 U
BENZENE	1 U	1 U	1 U	1 U
BROMOBENZENE	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U
BROMOMETHANE	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	1 U	1 UJ	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	1 U	1 U	1 U	1 U
CHLOROETHANE	1 U	1 U	1 U	1 U
CHLOROFORM	1 U	1 U	1 U	1 U
CHLOROMETHANE	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U
CYCLOHEXANE	5 U	5 U	5 U	5 U
DIBROMOMETHANE	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	1 U	1 U	1 U	1 U

LOCATION ID	SL-02	SL-02	SL-02	SL-02
SAMPLE ID	NTC03GW0205	NTC03GW0206	NTC03GW0207	NTC03GW0208
SAMPLE DATE	11/16/2007	02/28/2008	05/06/2008	08/18/2008
ROUND	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE				
ETHYL ACETATE	50 U	50 U	50 U	50 U
ETHYLBENZENE	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	1 U	1 U	1 U	1 U
M+P-XYLENES				
METHYL ACETATE	5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE	5 U	5 U	5 U	5 U
METHYL IODIDE	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	1 U	1 U	1 U	1 U
N-BUTYLBENZENE	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	1 U	1 U	1 U	1 U
O-XYLENE				
SEC-BUTYLBENZENE	1 U	1 U	1 U	1 U
STYRENE	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	5 U	5 UR	5 UR	5 UJ
TOLUENE	1 U	1 U	1 U	1 U
TOTAL XYLENES	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	5 U	5 UJ	5 U	5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U	1 U
VINYL ACETATE	5 UJ	5 UJ	5 U	5 U
VINYL CHLORIDE	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)				
1,1-BIPHENYL	5 U	0.54 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	5 U	0.54 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)	5 U	0.54 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	5 U	0.54 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	5 U	0.54 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	5 U	0.54 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	10 U	1.1 U	1 U	1 U
2,4-DINITROPHENOL	50 U	5.4 U	5 U	5 UJ
2,4-DINITROTOLUENE	5 U	0.54 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	5 U	0.54 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	5 U	0.54 U	0.5 U	0.50 U
2-CHLOROPHENOL	5 U	0.54 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	5 U	0.54 U	0.5 U	0.50 U
2-METHYLPHENOL	5 U	0.54 U	0.5 U	0.50 U
2-NITROANILINE	10 U	1.1 U	1 U	1 U
2-NITROPHENOL	5 U	0.54 U	0.5 U	0.50 U
3&4-METHYLPHENOL				
3,3'-DICHLOROBENZIDINE	5 U	0.54 U	0.5 U	0.50 U
3-NITROANILINE	10 U	1.1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	5 U	0.54 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	5 U	0.54 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	5 U	0.54 U	0.5 U	0.50 U
4-CHLOROANILINE	10 U	1.1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	5 U	0.54 U	0.5 U	0.50 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**SL-02** **NTC03GW0205** **11/16/2007** **QTR05**	**SL-02** **NTC03GW0206** **02/28/2008** **QTR06**	**SL-02** **NTC03GW0207** **05/06/2008** **QTR07**	**SL-02** **NTC03GW0208** **08/18/2008** **QTR08**
4-METHYLPHENOL	5 U	0.54 U	0.5 U	0.50 U
4-NITROANILINE	10 U	1.1 U	1 U	1 U

LOCATION ID	SL-02	SL-02	SL-02	SL-02
SAMPLE ID	NTC03GW0205	NTC03GW0206	NTC03GW0207	NTC03GW0208
SAMPLE DATE	11/16/2007	02/28/2008	05/06/2008	08/18/2008
ROUND	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE				
4-NITROPHENOL	50 U	5.4 U	5 U	5 U
ACENAPHTHENE	5 U	0.54 U	0.021 J	0.50 U
ACENAPHTHYLENE	5 U	0.54 U	0.5 U	0.50 U
ACETOPHENONE	5 U	0.54 U	0.5 U	0.50 U
ANILINE	5 U	0.54 U	0.5 U	0.50 U
ANTHRACENE	5 U	0.54 U	0.5 U	0.50 U
ATRAZINE	5 U	0.54 U	0.5 U	0.50 U
BENZALDEHYDE	5 U	0.54 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	5 U	0.54 U	0.5 U	0.50 U
BENZO(A)PYRENE	5 U	0.54 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	5 U	0.54 U	0.5 U	0.50 U
BENZO(G,H,I)PERYLENE	5 U	0.54 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	5 U	0.54 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	5 U	0.54 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	5 U	0.54 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER				
BIS(2-ETHYLHEXYL)PHTHALATE	5 U	0.54 U	2.1	0.50 U
BUTYL BENZYL PHTHALATE	5 U	1.1 U	1 U	1 U
CAPROLACTAM	31	1.2 J	1 U	0.18 J
CARBAZOLE	5 U	0.54 U	0.5 U	0.50 U
CHRYSENE	5 U	0.54 U	0.5 U	0.50 U
DIBENZO(A,H)ANTHRACENE	5 U	0.54 U	0.5 U	0.50 U
DIBENZOFURAN	5 U	0.54 U	0.5 U	0.50 U
DIETHYL PHTHALATE	5 U	0.04 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	5 U	0.54 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	10 U	1.1 U	2.4 U	1 U
DI-N-OCTYL PHTHALATE	5 U	0.54 U	0.5 U	0.50 U
FLUORANTHENE	5 U	0.54 U	0.5 U	0.50 U
FLUORENE	5 U	0.54 U	0.5 U	0.50 U
HEXACHLOROBENZENE	5 U	0.54 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	5 U	0.54 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	5 U	0.54 UJ	0.5 U	0.50 U
HEXACHLOROETHANE	5 U	0.54 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	5 U	0.54 U	0.5 U	0.50 U
ISOPHORONE	5 U	0.12 U	0.5 U	0.50 U
NAPHTHALENE	5 U	0.54 U	0.5 U	0.50 U
NITROBENZENE	5 U	0.54 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	5 U	0.54 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	5 U	0.54 U	0.5 U	0.50 U
PENTACHLOROPHENOL	10 U	1.1 U	1 U	1 U
PHENANTHRENE	10 U	0.54 U	0.5 U	0.50 U
PHENOL	5 U	0.54 U	0.5 U	0.50 U
PYRENE	5 U	0.54 U	0.5 U	0.50 U
PESTICIDES/PCBs (UG/L)				
4,4'-DDD	0.0035 J	0.05 U	0.05 U	0.05 U
4,4'-DDE	0.0059 J	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.0027 J	0.05 U	0.05 U	0.05 U
ALDRIN	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.05 U	0.05 U	0.05 U	0.05 U
AROCLOR-1016	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1221	0.20 U	0.2 U	0.2 U	0.20 U

LOCATION ID	SL-02	SL-02	SL-02	SL-02
SAMPLE ID	NTC03GW0205	NTC03GW0206	NTC03GW0207	NTC03GW0208
SAMPLE DATE	11/16/2007	02/28/2008	05/06/2008	08/18/2008
ROUND	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE				
AROCLOR-1232	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1242	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1248	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1254	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1260	0.20 U	0.2 U	0.2 U	0.20 U
BETA-BHC	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN SULFATE	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN KETONE	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.05 U	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.50 U	0.5 U	0.5 U	0.50 U
TOXAPHENE	1 U	1 U	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)				
ALACHLOR	0.40 U	0.2 U	0.19 U	0.19 U
ALDRIN				0.19 U
ATRAZINE	0.20 U	0.2 U	0.19 U	
BUTACHLOR	0.40 U	0.51 U	0.48 U	0.48 U
DIELDRIN				
ENDRIN				
GAMMA-BHC (LINDANE)				
METHOXYCHLOR				
METOLACLOR (DUAL)	0.80 U	0.2 U	0.19 U	0.19 U
METRIBUZIN	0.20 U	0.2 U	0.19 U	0.19 UJ
PROPACHLOR	0.40 U	0.2 U	0.19 U	0.19 U
SIMAZINE	0.20 U	0.51 U	0.48 U	0.48 U
CARBAMATE UREA PESTICIDES (UG/L)				
3-HYDROXYCARBOFURAN	2 UJ	2.5 U	2.5 U	2.5 U
ALDICARB	1 UJ	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	1 UJ	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	1 UJ	2.5 U	2.5 U	2.5 U
CARBARYL	2 UJ	2.5 U	2.5 U	2.5 U
CARBOFURAN	4 UJ	2.5 U	2.5 U	2.5 U
METHIOCARB	1.7 UJ			
METHOMYL	0.50 UJ	2.5 U	2.5 U	2.5 U
OXAMYL	20 UJ	2.5 U	2.5 U	2.5 U
PROPOXUR	2 UJ			
HERBICIDES (UG/L)				
2,4,5-T	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4-D	2 U	2 UJ	2 U	2 U
2,4-DB	2 U	2 UJ	2 U	2 U
DALAPON	2 U	2 U	2 U	2 U
DICAMBA	0.20 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	2 U	2 UJ	2 U	2 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**SL-02** **NTC03GW0205** **11/16/2007** **QTR05**	**SL-02** **NTC03GW0206** **02/28/2008** **QTR06**	**SL-02** **NTC03GW0207** **05/06/2008** **QTR07**	**SL-02** **NTC03GW0208** **08/18/2008** **QTR08**
DINOSEB	1 U	1 UJ	1 U	1 U
MCPA	200 U	200 UJ	200 U	200 U
MCPP	200 U	200 UJ	200 U	200 U
PENTACHLOROPHENOL				

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	SL-02	SL-02	SL-02	SL-02
SAMPLE ID	NTC03GW0205	NTC03GW0206	NTC03GW0207	NTC03GW0208
SAMPLE DATE	11/16/2007	02/28/2008	05/06/2008	08/18/2008
ROUND	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE				
PETROLEUM HYDROCARBONS (MG/L)				
OIL & GREASE - HEM	1.3 J	5 U	0.830000 U	5 U
INORGANICS - TOTAL / DISSOLVED (UG/L)				
ALUMINUM	12000 J / 44 U	1500 / 2200	890	6600
ANTIMONY	0.76 U / 0.86 U	0.44 U / 0.44 U	0.42 U	1 U
ARSENIC	12 / 5.4	4.5 / 4.7	3.9	4.9
BARIUM	120 / 54	62 / 64	62	83
BERYLLIUM	0.80 / 0.31 U	0.31 U / 0.31 U	0.23 U	0.36 J
CADMIUM	0.062 U / 0.062 U	0.062 U / 0.062 U	0.11 U	0.20 U
CALCIUM	82000 J / 62000 J	60000 / 58000	58000	64000
CHROMIUM	15 / 2.5	0.31 U / 0.31 U	2.2	9
COBALT	5.9 / 0.42	0.75 / 0.93	0.56	3.4
COPPER	18 / 0.68	1.9 J / 2.3 J	1.5	8.2
IRON	11000 J / 5.7 U	1600 / 2100	1000	7300
LEAD	14 / 0.33 U	1.4 / 1.9	0.57	5.1
MAGNESIUM	100000 J / 87000 J	93000 / 90000	93000	88000
MANGANESE	170 / 29	41 / 49	43	130
MERCURY	0.046 U / 0.074 U	0.046 U / 0.046 U	0.046 U	0.20 U
NICKEL	19 / 2.8	2.5 / 4.4 J	2.7	12
POTASSIUM	5700 / 3400	3900 / 3900	3500	4800
SELENIUM	0.92 U / 1	1.2 / 0.92 U	0.30 U	1 U
SILVER	0.12 U / 0.12 U	0.12 U / 0.12 U	0.061 U	0.20 U
SODIUM	280000 J / 260000 J	280000 / 270000	300000	260000
THALLIUM	0.28 / 0.35	0.17 U / 0.17 U	0.05 U	0.14 J
TOTAL ESSENTIAL NUTRIENTS	467700 / 412400	436900 / 421900	454500	416800
VANADIUM	20 / 0.83 U	2 / 2.7	1.7	11
ZINC	48 / 5.6	0.84 U / 0.84 U	8.3 U	22
MISCELLANEOUS PARAMETERS				
AMMONIA-N (MG/L)	0.30	0.36	0.35	0.36
BIOCHEMICAL OXYGEN DEMAND (MG/L)	20 U	2 U	2.0 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	7 U	7	6.1	13 J
CHLORIDE (MG/L)	580	580	590	580 J
CYANIDE (MG/L)	0.005 U	0.001900 U	0.0032 U	0.005 U
FECAL COLIFORM (COL/1)	887	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.54	0.49	0.44	0.44
HEXAVALENT CHROMIUM (MG/L)	0.0041 U	0.0041 U	0.0041 UJ	0.01 U
NITRATE (MG/L)				
NITRATE-N (MG/L)	0.17	0.049	0.039 J	0.02 U
NITRITE/NITRATE-N (MG/L)	0.17	0.053	0.039 U	0.02 U
NITRITE-N (MG/L)	0.0048	0.0038	0.0029 U	0.0042 U
PH (S.U.)				
SULFATE (MG/L)	64	100	120	110 J
TOTAL DISSOLVED SOLIDS (MG/L)	1200	1300	1300	1200
TOTAL ORGANIC CARBON (MG/L)	6.9	1.6	2.1	1.9 U
TOTAL PHENOLICS (MG/L)	0.05 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	2.3 J	0.11 J	0.02	0.098 J
TOTAL SUSPENDED SOLIDS (MG/L)	750	310	52	40
FIELD RESULTS				
CONDUCTIVITY (MS/CM)		2.46	2.51	2.26
DISSOLVED OXYGEN (MG/L)		0.40	0.10	0.15
OXIDATION REDUCTION POTENTIAL (MV)		-174	-161	-156.00
PH (S.U.)		8.55	8.57	8.08

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**SL-02** **NTC03GW0205** **11/16/2007** **QTR05**	**SL-02** **NTC03GW0206** **02/28/2008** **QTR06**	**SL-02** **NTC03GW0207** **05/06/2008** **QTR07**	**SL-02** **NTC03GW0208** **08/18/2008** **QTR08**
SALINITY (PPT)		0	0	
TEMPERATURE (C)		9.11	13.72	15.9
TURBIDITY (NTU)		9.75	2.56	7.01

LOCATION ID	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03
SAMPLE ID	SL-03_20060802	SL-03_20070124	SL-03_20070501	SL-03_20070801	NTC03GW0305	NTC03GW0306	NTC03GW0307	NTC03GW0308
SAMPLE DATE	08/02/2006	01/24/2007	05/01/2007	08/01/2007	11/15/2007	03/04/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE					1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U				
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	5 UJ	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	2.67	2.5 U	5 U	5 U	5 UJ	5 U
ACROLEIN	20 U	20 U	20 U	20 U	5 UR	5 UR	5 U	5 UJ
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 UJ	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.199	0.125 U	0.125 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
CYCLOHEXANE					5 U	5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U

LOCATION ID	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03
SAMPLE ID	SL-03_20060802	SL-03_20070124	SL-03_20070501	SL-03_20070801	NTC03GW0305	NTC03GW0306	NTC03GW0307	NTC03GW0308
SAMPLE DATE	08/02/2006	01/24/2007	05/01/2007	08/01/2007	11/15/2007	03/04/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
ETHYL ACETATE	25 U	25 U	25 U	25 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U				
METHYL ACETATE					5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE					5 U	5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER					1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U				
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR	5 UJ
TOLUENE	0.292	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TOTAL XYLENES					1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	5 U	5 UJ	5 U	5 U
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 UJ	5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)					0.50 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	5 U	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	12.5 U	12.9 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U				
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	12.5 U	12.9 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	0.50 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.5 U	2.58 U	1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U

LOCATION ID	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03
SAMPLE ID	SL-03_20060802	SL-03_20070124	SL-03_20070501	SL-03_20070801	NTC03GW0305	NTC03GW0306	NTC03GW0307	NTC03GW0308
SAMPLE DATE	08/02/2006	01/24/2007	05/01/2007	08/01/2007	11/15/2007	03/04/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
4-METHYLPHENOL					0.50 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	12.5 U	12.5 U	12.5 U	12.9 U	1 U	1 U	1 U	1 U

LOCATION ID	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03
SAMPLE ID	SL-03_20060802	SL-03_20070124	SL-03_20070501	SL-03_20070801	NTC03GW0305	NTC03GW0306	NTC03GW0307	NTC03GW0308
SAMPLE DATE	08/02/2006	01/24/2007	05/01/2007	08/01/2007	11/15/2007	03/04/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
4-NITROPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	5 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.019 J	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
ANILINE	-99 U	-99 U	5.21 U	5.15 U	0.50 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.051 J
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.061 J
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.5 U	2.58 U				
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	2.5	0.50 U
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	1 U	1 U	1 U	0.10 J
CAPROLACTAM	2.5 U	2.5 U	2.5 U	2.58 U	1 U	1 UR	1 U	1 UJ
CARBAZOLE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.051 J
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.087 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	1 U	1 U	3.2 U	1 U
DI-N-OCTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.03 J
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 UJ	0.5 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.12 U	0.5 U	0.50 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.049 J	0.5 U	0.5 U	0.50 U
NITROBENZENE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	12.5 U	12.9 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.02 J
PHENOL	2.5 U	2.5 U	2.5 U	2.58 U	0.50 U	0.5 U	0.5 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.051 U	0.50 U	0.5 U	0.5 U	0.03 J
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.255 U	0.258 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.255 U	0.258 U	0.20 U	0.2 U	0.2 U	0.20 U

LOCATION ID	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03
SAMPLE ID	SL-03_20060802	SL-03_20070124	SL-03_20070501	SL-03_20070801	NTC03GW0305	NTC03GW0306	NTC03GW0307	NTC03GW0308
SAMPLE DATE	08/02/2006	01/24/2007	05/01/2007	08/01/2007	11/15/2007	03/04/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
AROCLOR-1232	0.255 U	0.255 U	0.255 U	0.258 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.255 U	0.258 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.255 U	0.258 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1254	0.255 U	0.255 U	0.255 U	0.258 U	0.20 U	0.2 U	0.2 U	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.255 U	0.258 U	0.20 U	0.2 U	0.2 U	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.05 U	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0102 U	0.0103 U	0.50 U	0.5 U	0.5 U	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.306 U	0.0103 U	1 U	1 U	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								
ALACHLOR	0.1 U	0.1 U	0.1 U	0.2 U	0.40 U	0.2 U	0.19 U	0.19 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.0103 U				0.19 U
ATRAZINE	0.1 U	0.1 U	0.1 U	0.3 U	0.20 U	0.2 U	0.19 U	
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.4 U	0.40 U	0.5 U	0.48 U	0.48 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.0103 U				
ENDRIN	0.01 U	0.01 U	0.01 U	0.0103 U				
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.0103 U				
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.0103 U				
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.8 U	0.80 U	0.2 U	0.19 U	0.19 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.2 U	0.20 U	0.2 U	0.19 U	0.19 UJ
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.5 U	0.40 U	0.2 U	0.19 U	0.19 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.35 U	0.20 U	0.5 U	0.48 U	0.48 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U	0.5 U	2 U	2 U	2.5 U	2.5 U	2.5 U
ALDICARB	0.5 U	0.5 U	0.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U	0.7 U	0.7 U	1 U	1 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U	0.5 U	0.5 U	1 U	1 U	2.5 U	2.5 U	2.5 U
CARBARYL	0.5 U	0.5 U	0.5 U	2 U	2 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	0.9 U	0.9 U	0.9 U	0.9 U	4 U	2.5 U	2.5 U	2.5 U
METHIOCARB					1.7 U			
METHOMYL	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	2.5 U
OXAMYL	1 U	1 U	1 U	2 U	20 U	2.5 U	2.5 U	2.5 U
PROPOXUR					2 U			
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.1 U	0.0524 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.1 U	0.0524 U	0.20 U	0.2 UJ	0.2 U	0.20 U
2,4-D	1 U	1 U	1 U	0.524 U	2 U	2 UJ	2 U	2 U
2,4-DB	1 U	1 U	1 U	0.524 U	2 U	2 UJ	2 U	2 U
DALAPON	2.5 U	2.5 U	2.5 U	1.31 U	2 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.1 U	0.1 U	0.105 U	0.20 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	1 U	1 U	1 U	0.524 U	2 U	2 U	2 U	2 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-03**	**SL-03**	**SL-03**	**SL-03**	**SL-03**	**SL-03**	**SL-03**	**SL-03**
SAMPLE ID	**SL-03_20060802**	**SL-03_20070124**	**SL-03_20070501**	**SL-03_20070801**	**NTC03GW0305**	**NTC03GW0306**	**NTC03GW0307**	**NTC03GW0308**
SAMPLE DATE	**08/02/2006**	**01/24/2007**	**05/01/2007**	**08/01/2007**	**11/15/2007**	**03/04/2008**	**05/06/2008**	**08/19/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE								
DINOSEB	0.5 U	0.5 U	0.5 U	0.262 U	1 U	1 UJ	1 U	1 U
MCPA	100 U	100 U	100 U	52.4 U	200 U	200 UJ	200 U	200 U
MCPP	100 U	100 U	100 U	52.4 U	200 U	200 UJ	200 U	200 U
PENTACHLOROPHENOL	0.1 U	0.251	0.1 U	0.105 U				

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03
SAMPLE ID	SL-03_20060802	SL-03_20070124	SL-03_20070501	SL-03_20070801	NTC03GW0305	NTC03GW0306	NTC03GW0307	NTC03GW0308
SAMPLE DATE	08/02/2006	01/24/2007	05/01/2007	08/01/2007	11/15/2007	03/04/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.55 U	2.63 U	5 U	5 U	0.830000 U	5 U
INORGANICS - TOTAL / DISSOLVED (UG/L)								
ALUMINUM	1920	873	379	918	2100 / 44 U	2000 / 82	1000 / 46	530 / 100 U
ANTIMONY	0.286	3.91	0.25 U	0.25 U	0.44 U / 0.44 U	0.44 U / 0.44 U	0.32 U / 0.55	1 U / 1 U
ARSENIC	5.75	6.59	5 U	5 U	3.8 / 2.8	3.2 / 1.8	2.2 / 1.6	2.3 J / 1.5 J
BARIUM	50.6	26.3	23.4	25.3	31 / 19	28 / 18	22 / 18	19 / 16
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.31 U / 0.31 U	0.31 U / 0.31 U	0.23 U / 0.23 U	1 U / 1 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.44 / 0.062 U	0.09 / 0.062 U	0.056 U / 0.056 U	0.20 U / 0.20 U
CALCIUM	77500	73600	78400	74400	81000 J / 76000 J	91000 / 82000	85000 / 80000	74000 / 72000
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	3.1 U / 1.4	0.31 U / 0.31 U	1.9 / 0.99	0.90 J / 1 UJ
COBALT	2.5 U	2.5 U	2.5 U	2.5 U	1.5 / 0.14	1.6 / 0.15	0.64 / 0.21	0.42 J / 0.056 J
COPPER	5 U	5 U	5 U	5 U	3.8 / 0.68	2.9 J / 0.48 J	4 / 0.76	1.6 / 0.79 UJ
IRON	1700	2290	1930	2010	3000 J / 620	3600 / 890	1900 / 710	1500 / 670
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	1.5 / 0.33 U	1.3 / 0.33 U	0.55 / 0.29 U	0.47 J / 1 U
MAGNESIUM	72500	67700	71200	76600	82000 J / 77000 J	83000 / 77000	79000 / 75000	70000 / 69000
MANGANESE	59.7	69.9	62.6	55.7	69 / 20	88 / 28	47 / 27	36 / 22
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U / 0.046 U	0.046 U / 0.046 U	0.046 U / 0.046 U	0.20 U / 0.20 U
NICKEL	5 U	5 U	5 U	5 U	5.5 / 1.9	6.5 / 0.71	3.4 / 2.2	2.2 / 0.98 J
POTASSIUM	3910	2620	2390	2940	3400 / 2400	3400 / 2600	2800 / 2500	2300 / 2100
SELENIUM	0.661	0.535	0.703	0.675 J	0.92 U / 0.92 U	0.92 U / 0.92 U	0.30 U / 0.30 U	1 U / 1 U
SILVER	5 U	5 U	5 U	5 U	0.12 U / 0.12 U	0.12 U / 0.12 U	0.061 U / 0.061 UJ	0.20 U / 0.20 U
SODIUM	43400	43200	44600	49800	57000 J / 56000 J	54000 / 52000	53000 / 51000	47000 / 47000
THALLIUM	0.05 U	0.05 U	0.099	0.808	0.17 U / 0.17 U	0.17 U / 0.17 U	0.055 / 0.05 U	1 U / 1 U
TOTAL ESSENTIAL NUTRIENTS	197310	187120	196590	203740	223400 / 211400	231400 / 213600	219800 / 208500	193300 / 190100
VANADIUM	13.1	5 U	5 U	50 U	4.3 / 1.6	4.2 / 0.83 U	2 / 0.35	1.2 J / 3 U
ZINC	6.34	5 U	5 U	12.3 J	17 / 15	0.84 U / 8.7 J	8.5 U / 5.1 U	9 UJ / 3.6 UJ
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.544	0.341	0.538	0.48	0.38	0.6	0.56	0.49
BIOCHEMICAL OXYGEN DEMAND (MG/L)	4	4.1	7.3	5.88	8	8.8	8.3	12
CHEMICAL OXYGEN DEMAND (MG/L)	10 U	10 U	10 U	10 U	4.6 R	12	4.1	5.2 J
CHLORIDE (MG/L)	38	34.5	30	26.6	10	28	28	34 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.003 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.625	0.745	0.663	0.701	0.79	0.69	0.67	0.67
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.00511 J	0.0041 U	0.0041 U	0.0041 UJ	0.01 U
NITRATE (MG/L)	0.025 U	0.025 U	0.025 U	0.025 U				
NITRATE-N (MG/L)					0.029 U	0.016 U	0.054 J	0.02 U
NITRITE/NITRATE-N (MG/L)					0.029 U	0.016 U	0.054 U	0.02 U
NITRITE-N (MG/L)					0.0029 U	0.0053	0.0029 U	0.0042 U
PH (S.U.)	7.4	6.92	7.19	7.72				
SULFATE (MG/L)	220	211	227	251	320	280	280	270 J
TOTAL DISSOLVED SOLIDS (MG/L)	838	648	708	756	730	770	730	710
TOTAL ORGANIC CARBON (MG/L)	2.14	1.85	1.93	0.777 J	2.5	1.3	1.9	1.6 U
TOTAL PHENOLICS (MG/L)	0.00588	0.00333 U	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.05 U	0.05 U	0.091	0.1 U	0.024 J	0.052	0.024	0.027 J
TOTAL SUSPENDED SOLIDS (MG/L)	22.5	36.5	28	31.5	78	63	38	29
FIELD RESULTS								
CONDUCTIVITY (MS/CM)					1.08	1.068	1.208	1.095
DISSOLVED OXYGEN (MG/L)					0.77	0.06	0.14	0.11
OXIDATION REDUCTION POTENTIAL (MV)					-100.00	-134	-145	-105.00
PH (S.U.)					7.59	7.46	7.54	7.48

LOCATION ID	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03	SL-03
SAMPLE ID	SL-03_20060802	SL-03_20070124	SL-03_20070501	SL-03_20070801	NTC03GW0305	NTC03GW0306	NTC03GW0307	NTC03GW0308
SAMPLE DATE	08/02/2006	01/24/2007	05/01/2007	08/01/2007	11/15/2007	03/04/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07	QTR08
DUPLICATE SAMPLE								
SALINITY (PPT)					0.00	0	0	
TEMPERATURE (C)					10	9.95	13.37	14.07
TURBIDITY (NTU)					112	73	36.7	43.2

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	SL-04_20060814	SL-04_20070125	SL-04_20070125-D	SL-04_20070503	SL-04_20070503-D	SL-04_20070821	SL-04_20070821-D	NTC03GW0405
SAMPLE DATE	08/14/2006	01/25/2007	01/25/2007	05/03/2007	05/03/2007	08/21/2007	08/21/2007	11/15/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			SL-04_20070125		SL-04_20070503		SL-04_20070821	
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE								1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.5 U	0.75 U	0.5 U	0.5 U	0.5 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5 UJ
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ
ACETONE	2.5 U	2.5 U	2.5 U	4.82	2.5 U	2.5 U	2.5 U	5 U
ACROLEIN	20 U	20 U	20 U	20 U	20 U	20 U	20 U	5 UR
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.822	0.125 U	0.125 U	0.125 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1.58	0.634 J	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
CYCLOHEXANE								5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	SL-04_20060814	SL-04_20070125	SL-04_20070125-D	SL-04_20070503	SL-04_20070503-D	SL-04_20070821	SL-04_20070821-D	NTC03GW0405
SAMPLE DATE	08/14/2006	01/25/2007	01/25/2007	05/03/2007	05/03/2007	08/21/2007	08/21/2007	11/15/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			SL-04_20070125		SL-04_20070503		SL-04_20070821	
ETHYL ACETATE	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
METHYL ACETATE								5 U
METHYL CYCLOHEXANE								5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U
METHYL TERT-BUTYL ETHER								1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	25 U	25 U	25 U	5 U
TOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TOTAL XYLENES								1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)								0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	13.3 U	12.5 U	13.2 U	13.6 U	14.2 U	5 U
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	13.3 U	12.5 U	13.2 U	13.6 U	14.2 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	13.3 U	12.5 U	13.2 U	13.6 U	14.2 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	13.3 U	12.5 U	13.2 U	13.6 U	14.2 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	SL-04_20060814	SL-04_20070125	SL-04_20070125-D	SL-04_20070503	SL-04_20070503-D	SL-04_20070821	SL-04_20070821-D	NTC03GW0405
SAMPLE DATE	08/14/2006	01/25/2007	01/25/2007	05/03/2007	05/03/2007	08/21/2007	08/21/2007	11/15/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			SL-04_20070125		SL-04_20070503		SL-04_20070821	
4-METHYLPHENOL								0.50 U
4-NITROANILINE	12.5 U	12.5 U	13.3 U	12.5 U	13.2 U	13.6 U	14.2 U	1 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	SL-04_20060814	SL-04_20070125	SL-04_20070125-D	SL-04_20070503	SL-04_20070503-D	SL-04_20070821	SL-04_20070821-D	NTC03GW0405
SAMPLE DATE	08/14/2006	01/25/2007	01/25/2007	05/03/2007	05/03/2007	08/21/2007	08/21/2007	11/15/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			SL-04_20070125		SL-04_20070503		SL-04_20070821	
4-NITROPHENOL	12.5 U	12.5 U	13.3 U	12.5 U	13.2 U	13.6 U	14.2 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
ANILINE	-99 U	-99 U	5.32 U	5.21 U	5.26 U	5.43 U	5.68 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	1 U
CAPROLACTAM	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	1 U
CARBAZOLE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.029 J
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	1 U
DI-N-OCTYL PHTHALATE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.019 J
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.058 J
NITROBENZENE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	13.3 U	12.5 U	13.2 U	13.6 U	14.2 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
PHENOL	2.5 U	2.5 U	2.66 U	2.5 U	2.63 U	2.72 U	2.84 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0535 U	0.051 U	0.0532 U	0.50 U
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.266 U	0.255 U	0.269 U	0.262 U	0.275 U	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.266 U	0.255 U	0.269 U	0.262 U	0.275 U	0.20 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	SL-04_20060814	SL-04_20070125	SL-04_20070125-D	SL-04_20070503	SL-04_20070503-D	SL-04_20070821	SL-04_20070821-D	NTC03GW0405
SAMPLE DATE	08/14/2006	01/25/2007	01/25/2007	05/03/2007	05/03/2007	08/21/2007	08/21/2007	11/15/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			SL-04_20070125		SL-04_20070503		SL-04_20070821	
AROCLOR-1232	0.255 U	0.255 U	0.266 U	0.255 U	0.269 U	0.262 U	0.275 U	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.266 U	0.255 U	0.269 U	0.262 U	0.275 U	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.266 U	0.255 U	0.269 U	0.262 U	0.275 U	0.20 U
AROCLOR-1254	0.255 U	0.255 U	0.266 U	0.255 U	0.269 U	0.262 U	0.275 U	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.266 U	0.255 U	0.269 U	0.262 U	0.275 U	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0106 U	0.0102 U	0.0108 U	0.0105 U	0.011 U	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.319 U	0.306 U	0.323 U	0.314 U	0.33 U	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								
ALACHLOR	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U
ALDRIN	0.1 U	0.1 U	0.05 U	0.1 U	0.1 U	0.1 U	0.1 U	
ATRAZINE	0.1 U	0.1 U	0.3 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U
BUTACHLOR	0.1 U	0.1 U	0.4 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U
DIELDRIN	0.1 U	0.1 U	0.05 U	0.1 U	0.1 U	0.1 U	0.1 U	
ENDRIN	0.01 U	0.01 U	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.1 U	0.02 U	0.02 U	0.02 U	0.02 U	
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
METOLACLOR (DUAL)	0.1 U	0.1 U	0.8 U	0.1 U	0.1 U	0.1 U	0.1 U	0.80 U
METRIBUZIN	0.1 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U
PROPACHLOR	0.1 U	0.1 U	0.5 U	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U
SIMAZINE	0.07 U	0.07 U	0.35 U	0.07 U	0.07 U	0.07 U	0.07 U	0.20 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	2 U
ALDICARB	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	1 U
ALDICARB SULFONE	0.7 U	0.7 U		0.7 U		0.7 U	0.7 U	1 U
ALDICARB SULFOXIDE	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	1 U
CARBARYL	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	2 U
CARBOFURAN	0.9 U	0.9 U		0.9 U		0.9 U	0.9 U	4 U
METHIOCARB								1.7 U
METHOMYL	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	0.50 U
OXAMYL	1 U	1 U		1 U		1 U	1 U	20 U
PROPOXUR								2 U
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.1 U	0.0521 U	0.1 U	0.0543 U	0.0549 U	0.0538 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.0521 U	0.1 U	0.0543 U	0.0549 U	0.0538 U	0.20 U
2,4-D	1 U	1 U	0.521 U	1 U	0.543 U	0.549 U	0.538 U	2 U
2,4-DB	1 U	1 U	0.521 U	1 U	0.543 U	0.549 U	0.538 U	2 U
DALAPON	2.5 U	2.5 U	1.3 U	2.5 U	1.36 U	1.37 U	1.34 U	2 U
DICAMBA	0.1 U	0.1 U	0.104 U	0.1 U	0.109 U	0.11 U	0.108 U	0.20 U
DICHLOROPROP	1 U	1 U	0.521 U	1 U	0.543 U	0.549 U	0.538 U	2 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**
SAMPLE ID	**SL-04_20060814**	**SL-04_20070125**	**SL-04_20070125-D**	**SL-04_20070503**	**SL-04_20070503-D**	**SL-04_20070821**	**SL-04_20070821-D**	**NTC03GW0405**
SAMPLE DATE	**08/14/2006**	**01/25/2007**	**01/25/2007**	**05/03/2007**	**05/03/2007**	**08/21/2007**	**08/21/2007**	**11/15/2007**
ROUND	**QTR01**	**QTR02**	**QTR02**	**QTR03**	**QTR03**	**QTR04**	**QTR04**	**QTR05**
DUPLICATE SAMPLE			**SL-04_20070125**		**SL-04_20070503**		**SL-04_20070821**	
DINOSEB	0.5 U	0.5 U	0.26 U	0.5 U	0.272 U	0.275 U	0.269 U	1 U
MCPA	100 U	100 U	52.1 U	100 U	54.3 U	54.9 U	53.8 U	200 U
MCPP	100 U	100 U	52.1 U	100 U	54.3 U	54.9 U	53.8 U	200 U
PENTACHLOROPHENOL	0.1 U	0.361	0.306 B	0.1 U	0.109 U	0.11 U	0.108 U	

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**
SAMPLE ID	**SL-04_20060814**	**SL-04_20070125**	**SL-04_20070125-D**	**SL-04_20070503**	**SL-04_20070503-D**	**SL-04_20070821**	**SL-04_20070821-D**	**NTC03GW0405**
SAMPLE DATE	**08/14/2006**	**01/25/2007**	**01/25/2007**	**05/03/2007**	**05/03/2007**	**08/21/2007**	**08/21/2007**	**11/15/2007**
ROUND	**QTR01**	**QTR02**	**QTR02**	**QTR03**	**QTR03**	**QTR04**	**QTR04**	**QTR05**
DUPLICATE SAMPLE			**SL-04_20070125**		**SL-04_20070503**		**SL-04_20070821**	
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.55 U	2.63 U	2.55 U	2.69 U	2.63 U	2.69 U	5 U
INORGANICS - TOTAL / DISSOLVED (UG/L)								
ALUMINUM	623	287	267	138	138	50 U	50 U	44 U
ANTIMONY	0.685	2.15	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.59 U
ARSENIC	7.25	5 U	5 U	5 U	5 U	5 U	5 U	0.74 U
BARIUM	86.1	78.3	75.8	80.2	82.2	79.9	81.8	81
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.31 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.077
CALCIUM	71900	76400	74400	86400	87600	88400	88700	89000 J
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.31 U
COBALT	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4
COPPER	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3.2
IRON	985	583	556	321	323	93.1 J	92.1 J	130 J
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.33 U
MAGNESIUM	50100	54900	55200	57500	58300	58200	58000	54000 J
MANGANESE	77.2	56.9	55.5	51.8	53.3	48	48.8	47
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.074 U
NICKEL	5 U	5 U	5 U	5.33	5.71 J	5 U	5 U	8.8
POTASSIUM	2260	2240	2190	2100	2180	2280	2330	2400
SELENIUM	0.50 U	0.50 U	0.598 J	1.14	1	2.59	2.1	0.92 U
SILVER	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.12 U
SODIUM	31400	36500	35800	39600	41000	45100	44600	48000 J
THALLIUM	0.102	0.05 U	0.05 U	0.128	0.115 J	0.173 J	0.083 J	0.17 U
TOTAL ESSENTIAL NUTRIENTS	155660	170040	167590	185600	189080	193980	193630	193400
VANADIUM	13.6	5 U	5 U	5 U	5 U	100 U	100 U	0.83 U
ZINC	6.01	5 U	5 U	5.47	5.45 J	5 U	5 U	4.8 U
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	0.326	0.333	0.273	0.277	0.271	0.289	0.273	0.17
BIOCHEMICAL OXYGEN DEMAND (MG/L)	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	10 U	10 U	10 U	10 U	10 U	11.9 J	11.9 J	5.8 R
CHLORIDE (MG/L)	12.5	14.9	34.8	22.4	21.8	25.8	25.5	26
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
FLUORIDE (MG/L)	0.628	0.637	0.671	0.583	0.544	0.633	0.625	0.65
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0076
NITRATE (MG/L)	0.036	0.0853	0.098	0.175	0.181	0.497	0.479	
NITRATE-N (MG/L)								0.41
NITRITE/NITRATE-N (MG/L)								0.41
NITRITE-N (MG/L)								0.004
PH (S.U.)	7.12	7.14	7.07	7.03	7	7.29	7.26	
SULFATE (MG/L)	83.9	96.7	88.6	82.9	78.3	98.7	90.3	81
TOTAL DISSOLVED SOLIDS (MG/L)	488	454	372	554	558	652	672	550
TOTAL ORGANIC CARBON (MG/L)	7.37	1.34	1.31	2.46	2.47	3.08	2.99	4.9
TOTAL PHENOLICS (MG/L)	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.1 U	0.1 U	0.01 UR
TOTAL SUSPENDED SOLIDS (MG/L)	17.5	11.5	11	4.5	5.5	2.5 U	2.5 U	5.1
FIELD RESULTS								
CONDUCTIVITY (MS/CM)								0.947
DISSOLVED OXYGEN (MG/L)								0.43
OXIDATION REDUCTION POTENTIAL (MV)								81
PH (S.U.)								7.05

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	SL-04_20060814	SL-04_20070125	SL-04_20070125-D	SL-04_20070503	SL-04_20070503-D	SL-04_20070821	SL-04_20070821-D	NTC03GW0405
SAMPLE DATE	08/14/2006	01/25/2007	01/25/2007	05/03/2007	05/03/2007	08/21/2007	08/21/2007	11/15/2007
ROUND	QTR01	QTR02	QTR02	QTR03	QTR03	QTR04	QTR04	QTR05
DUPLICATE SAMPLE			SL-04_20070125		SL-04_20070503		SL-04_20070821	
SALINITY (PPT)								0.00
TEMPERATURE (C)								10.1
TURBIDITY (NTU)								5.17

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	NTC03GW0405-D	NTC03GW0406	NTC03GW0407	NTC03GW0407-D	NTC03GW0408
SAMPLE DATE	11/15/2007	03/04/2008	05/05/2008	05/05/2008	08/19/2008
ROUND	QTR05	QTR06	QTR07	QTR07	QTR08
DUPLICATE SAMPLE	NTC03GW0405			NTC03GW0407	
VOLATILE ORGANIC COMPOUNDS (UG/L)					
1,1,1,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE					
1,4-DICHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	1 U	1 UJ	1 U	1 U	1 U
2-BUTANONE	5 UJ	4.7 J	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	5 UJ	5 U	5 U	5 U	5 UJ
2-CHLOROTOLUENE	1 U	1 U	1 U	1 U	1 U
2-HEXANONE	5 UJ	5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	1 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	1 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	5 UJ	5 U	5 U	5 U	5 U
ACETONE	5 U	12	5 UJ	5 UJ	5 U
ACROLEIN	5 UR	5 UR	5 U	5 U	5 UJ
ACRYLONITRILE	1 U	1 U	1 U	1 U	1 U
BENZENE	1 U	1 U	1 U	1 U	1 U
BROMOBENZENE	1 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
BROMOFORM	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	1 UJ	1 U	1 U	1 U	1 U
CARBON DISULFIDE	1 U	1 UJ	1 U	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
CYCLOHEXANE	5 U	5 U	5 U	5 U	5 U
DIBROMOMETHANE	1 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	1 U	1 U	1 U	1 U	1 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	NTC03GW0405-D	NTC03GW0406	NTC03GW0407	NTC03GW0407-D	NTC03GW0408
SAMPLE DATE	11/15/2007	03/04/2008	05/05/2008	05/05/2008	08/19/2008
ROUND	QTR05	QTR06	QTR07	QTR07	QTR08
DUPLICATE SAMPLE	NTC03GW0405			NTC03GW0407	
ETHYL ACETATE	50 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	1 U	1 U	1 U	1 U	1 U
M+P-XYLENES					
METHYL ACETATE	5 U	5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE	5 U	5 U	5 U	5 U	5 U
METHYL IODIDE	1 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER	1 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	1 U	1 U	1 U	1 U	1 U
N-BUTYLBENZENE	1 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	1 U	1 U	1 U	1 U	1 U
O-XYLENE					
SEC-BUTYLBENZENE	1 U	1 U	1 U	1 U	1 U
STYRENE	1 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	1 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	5 U	5 UR	5 UR	5 UR	5 UJ
TOLUENE	1 U	0.15 J	1 U	1 U	1 U
TOTAL XYLENES	1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	5 U	5 UJ	5 U	5 U	5 U
TRICHLOROETHENE	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	1 U	1 U	1 U	1 U	1 U
VINYL ACETATE	5 UJ	5 UJ	5 U	5 U	5 U
VINYL CHLORIDE	1 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)					
1,1-BIPHENYL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	1 U	1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	5 U	5 U	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-METHYLPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL					
3,3'-DICHLOROBENZIDINE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
3-NITROANILINE	1 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	1 U	1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	NTC03GW0405-D	NTC03GW0406	NTC03GW0407	NTC03GW0407-D	NTC03GW0408
SAMPLE DATE	11/15/2007	03/04/2008	05/05/2008	05/05/2008	08/19/2008
ROUND	QTR05	QTR06	QTR07	QTR07	QTR08
DUPLICATE SAMPLE	NTC03GW0405			NTC03GW0407	
4-METHYLPHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	1 U	1 U	1 U	1 U	1 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	NTC03GW0405-D	NTC03GW0406	NTC03GW0407	NTC03GW0407-D	NTC03GW0408
SAMPLE DATE	11/15/2007	03/04/2008	05/05/2008	05/05/2008	08/19/2008
ROUND	QTR05	QTR06	QTR07	QTR07	QTR08
DUPLICATE SAMPLE	NTC03GW0405			NTC03GW0407	
4-NITROPHENOL	5 U	5 U	5 U	5 U	5 UJ
ACENAPHTHENE	0.019 J	0.5 U	0.5 U	0.02 J	0.50 U
ACENAPHTHYLENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ANILINE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ATRAZINE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(A)PYRENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(G,H,I)PERYLENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER					
BIS(2-ETHYLHEXYL)PHTHALATE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BUTYL BENZYL PHTHALATE	1 U	1 U	1 U	1 U	1 U
CAPROLACTAM	1 U	1 UR	1 U	1 U	1 UJ
CARBAZOLE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
CHRYSENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DIETHYL PHTHALATE	0.50 U	0.067 U	0.5 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	1 U	1 U	1.8 U	3.1 U	1 U
DI-N-OCTYL PHTHALATE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
FLUORANTHENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
FLUORENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	0.50 U	0.5 UJ	0.5 U	0.5 U	0.50 U
HEXACHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	0.50 U	0.11 U	0.5 U	0.5 U	0.50 U
NAPHTHALENE	0.049 J	0.5 U	0.029 J	0.03 J	0.50 U
NITROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	1 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PHENOL	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PYRENE	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PESTICIDES/PCBs (UG/L)					
4,4'-DDD	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
4,4'-DDE	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ALDRIN	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
AROCLOR-1016	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1221	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	NTC03GW0405-D	NTC03GW0406	NTC03GW0407	NTC03GW0407-D	NTC03GW0408
SAMPLE DATE	11/15/2007	03/04/2008	05/05/2008	05/05/2008	08/19/2008
ROUND	QTR05	QTR06	QTR07	QTR07	QTR08
DUPLICATE SAMPLE	NTC03GW0405			NTC03GW0407	
AROCLOR-1232	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1242	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1248	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1254	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1260	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
BETA-BHC	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
DIELDRIN	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ENDOSULFAN SULFATE	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ENDRIN	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
ENDRIN KETONE	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.50 U	0.5 UJ	0.5 U	0.5 U	0.50 U
TOXAPHENE	1 U	1 UJ	1 UJ	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)					
ALACHLOR	0.40 U	0.2 U	0.19 U	0.2 U	0.20 UJ
ALDRIN					0.20 UJ
ATRAZINE	0.20 U	0.2 U	0.19 U	0.2 U	
BUTACHLOR	0.40 U	0.5 U	0.48 U	0.49 U	0.49 UJ
DIELDRIN					
ENDRIN					
GAMMA-BHC (LINDANE)					
METHOXYCHLOR					
METOLACLOR (DUAL)	0.80 U	0.2 U	0.19 U	0.2 U	0.20 UJ
METRIBUZIN	0.20 U	0.2 U	0.19 U	0.2 U	0.20 UJ
PROPACHLOR	0.40 U	0.2 U	0.19 U	0.2 U	0.20 U
SIMAZINE	0.20 U	0.5 U	0.48 U	0.49 U	0.49 UJ
CARBAMATE UREA PESTICIDES (UG/L)					
3-HYDROXYCARBOFURAN	2 U	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB	1 U	2.5 U	2.5 U	2.5 U	2.5 UJ
ALDICARB SULFONE	1 U	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	1 U	2.5 U	2.5 U	2.5 U	2.5 U
CARBARYL	2 U	2.5 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	4 U	2.5 U	2.5 U	2.5 U	2.5 U
METHIOCARB	1.7 U				
METHOMYL	0.50 U	2.5 U	2.5 U	2.5 U	2.5 U
OXAMYL	20 U	2.5 U	2.5 U	2.5 U	2.5 U
PROPOXUR	2 U				
HERBICIDES (UG/L)					
2,4,5-T	0.20 U	0.2 UJ	0.2 U	0.2 UJ	0.20 U
2,4,5-TP (SILVEX)	0.20 U	0.2 UJ	0.2 U	0.2 UJ	0.20 U
2,4-D	2 U	2 UJ	2 U	2 UJ	2 U
2,4-DB	2 U	2 UJ	2 U	2 UJ	2 U
DALAPON	2 U	2 U	2 U	2 UJ	2 U
DICAMBA	0.20 U	0.2 U	0.2 U	0.2 UJ	0.20 U
DICHLOROPROP	2 U	2 U	2 U	2 UJ	2 U

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	NTC03GW0405-D	NTC03GW0406	NTC03GW0407	NTC03GW0407-D	NTC03GW0408
SAMPLE DATE	11/15/2007	03/04/2008	05/05/2008	05/05/2008	08/19/2008
ROUND	QTR05	QTR06	QTR07	QTR07	QTR08
DUPLICATE SAMPLE	NTC03GW0405			NTC03GW0407	
DINOSEB	1 U	1 UJ	1 U	1 UJ	1 U
MCPA	200 U	200 UJ	200 U	200 UJ	200 U
MCPP	200 U	200 UJ	200 U	200 UJ	200 U
PENTACHLOROPHENOL					

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	SL-04	SL-04	SL-04	SL-04	SL-04
SAMPLE ID	NTC03GW0405-D	NTC03GW0406	NTC03GW0407	NTC03GW0407-D	NTC03GW0408
SAMPLE DATE	11/15/2007	03/04/2008	05/05/2008	05/05/2008	08/19/2008
ROUND	QTR05	QTR06	QTR07	QTR07	QTR08
DUPLICATE SAMPLE	NTC03GW0405			NTC03GW0407	
PETROLEUM HYDROCARBONS (MG/L)					
OIL & GREASE - HEM	5 U	5 U	0.830000 U	0.830000 U	5 U
INORGANICS - TOTAL / DISSOLVED (UG/L)					
ALUMINUM	44 U	62	20 U	20 U	100 U
ANTIMONY	1.1 U	0.44 U	0.54 U	0.58 U	1 U
ARSENIC	0.74 U	0.74 U	0.3	0.44	0.46 J
BARIUM	81	73	75	72	65
BERYLLIUM	0.31 U	0.31 U	0.23 U	0.23 U	1 U
CADMIUM	0.062 U	0.062 U	0.056 U	0.056 U	0.20 U
CALCIUM	89000 J	86000	88000	82000	79000
CHROMIUM	0.31 U	0.31 U	0.51	0.37	1 UJ
COBALT	1.4	0.98	0.93	0.77	0.58 J
COPPER	2.9	1.8 J	2.5	1.6	1.5
IRON	94 J	160	110 J	250 J	230
LEAD	0.33 U	0.33 U	0.29 U	0.29 U	1 U
MAGNESIUM	54000 J	55000	57000	57000	55000
MANGANESE	46	32	35	31	22
MERCURY	0.10 U	0.046 U	0.046 U	0.046 U	0.20 U
NICKEL	8.2	4.4	6.2 J	3.4 J	2.9
POTASSIUM	2400	2200	2100	2000	1900
SELENIUM	0.92 U	0.92 U	0.30 U	0.30 U	0.89 UJ
SILVER	0.12 U	0.12 U	0.061 U	0.061 U	0.20 U
SODIUM	49000 J	40000	41000	35000	34000
THALLIUM	0.17 U	0.17 U	0.074	0.06	1 U
TOTAL ESSENTIAL NUTRIENTS	194400	183200	188100	176000	169900
VANADIUM	0.83 U	0.83 U	0.27 U	0.27 U	3 U
ZINC	4.9 U	0.84 U	6.4 U	6.2 U	3.5 UJ
MISCELLANEOUS PARAMETERS					
AMMONIA-N (MG/L)	0.15	0.17	0.18	0.17	0.20
BIOCHEMICAL OXYGEN DEMAND (MG/L)	2 U	2 U	2.0 U	2.0 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	6.8 R	6.7	5.1	4	6.1 J
CHLORIDE (MG/L)	24	25	23	19	22 J
CYANIDE (MG/L)	0.005 UJ	0.001900 U	0.0034 U	0.0034 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	2 U	2.0 U	2.0 U	2 U
FLUORIDE (MG/L)	0.64	0.61	0.58	0.59	0.62
HEXAVALENT CHROMIUM (MG/L)	0.0076	0.0041 UJ	0.0041 UJ	0.0041 UJ	0.01 UJ
NITRATE (MG/L)					
NITRATE-N (MG/L)	0.35	0.51	0.26	0.31	0.19
NITRITE/NITRATE-N (MG/L)	0.36	0.51	0.26 U	0.31 U	0.20
NITRITE-N (MG/L)	0.0055	0.0041	0.0029 U	0.0029 U	0.0066 J
PH (S.U.)					
SULFATE (MG/L)	81	86	87	88	96 J
TOTAL DISSOLVED SOLIDS (MG/L)	540	570	570	550	540
TOTAL ORGANIC CARBON (MG/L)	4.9	2.4	2.6	2.2	2.2 U
TOTAL PHENOLICS (MG/L)	0.05 U	0.0064	0.0048 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.01 UR	0.023	0.026	0.019	0.021 J
TOTAL SUSPENDED SOLIDS (MG/L)	4.5	3.9	3.3 U	3.3 U	3.3 U
FIELD RESULTS					
CONDUCTIVITY (MS/CM)		0.912	1.049	1.049	0.887
DISSOLVED OXYGEN (MG/L)		0.11	0.16	0.16	0.18
OXIDATION REDUCTION POTENTIAL (MV)		127	55	55	-12.00
PH (S.U.)		6.94	6.81	6.81	7.17

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-04**	**SL-04**	**SL-04**	**SL-04**	**SL-04**
SAMPLE ID	**NTC03GW0405-D**	**NTC03GW0406**	**NTC03GW0407**	**NTC03GW0407-D**	**NTC03GW0408**
SAMPLE DATE	**11/15/2007**	**03/04/2008**	**05/05/2008**	**05/05/2008**	**08/19/2008**
ROUND	**QTR05**	**QTR06**	**QTR07**	**QTR07**	**QTR08**
DUPLICATE SAMPLE	**NTC03GW0405**			**NTC03GW0407**	
SALINITY (PPT)		0	0	0	
TEMPERATURE (C)		8.90	11.99	11.99	12.28
TURBIDITY (NTU)		1.7	1.61	1.61	1.41

LOCATION ID	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05
SAMPLE ID	SL-05_20060809	SL-05_20060809-D	SL-05_20070123	SL-05_20070502	SL-05_20070802	NTC03GW0505	NTC03GW0506	NTC03GW0507
SAMPLE DATE	08/09/2006	08/09/2006	01/23/2007	05/02/2007	08/02/2007	11/15/2007	03/03/2008	05/05/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07
DUPLICATE SAMPLE		SLF-05_20060809						
VOLATILE ORGANIC COMPOUNDS (UG/L)								
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE						1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	2 U	5 UJ	5 U	5 UR
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U
ACETONE	2.6	2.5 U	2.5 U	2.5 U	2.86 J	5 U	5 U	5 UJ
ACROLEIN	20 U	20 U	20 U	20 U	20 U	5 UR	5 UR	5 U
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 UJ	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	16.1	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
CYCLOHEXANE						5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U

LOCATION ID	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05
SAMPLE ID	SL-05_20060809	SL-05_20060809-D	SL-05_20070123	SL-05_20070502	SL-05_20070802	NTC03GW0505	NTC03GW0506	NTC03GW0507
SAMPLE DATE	08/09/2006	08/09/2006	01/23/2007	05/02/2007	08/02/2007	11/15/2007	03/03/2008	05/05/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07
DUPLICATE SAMPLE		SLF-05_20060809						
ETHYL ACETATE	25 U	25 U	25 U	25 U	25 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			
METHYL ACETATE						5 U	5 U	5 U
METHYL CYCLOHEXANE						5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER						1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U			
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR
TOLUENE	0.48	0.361 J	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TOTAL XYLENES						1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	1 U	5 U	5 UJ	5 U
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 UJ	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)								
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.022 J	0.5 U	0.5 U
2,2'-OXYBIS(1-CHLOROPROPANE)						0.54 U	0.5 U	0.5 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2,4-DICHLOROPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2,4-DIMETHYLPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	1.1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	13.7 U	12.5 U	12.5 U	12.8 U	5.4 U	5 U	5 U
2,4-DINITROTOLUENE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2,6-DINITROTOLUENE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2-CHLORONAPHTHALENE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2-CHLOROPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.022 J	0.5 U	0.5 U
2-METHYLPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
2-NITROANILINE	12.5 U	13.7 U	12.5 U	12.5 U	12.8 U	1.1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
3&4-METHYLPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U			
3,3'-DICHLOROBENZIDINE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 UR
3-NITROANILINE	12.5 U	13.7 U	12.5 U	12.5 U	12.8 U	1.1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	13.7 U	12.5 U	12.5 U	12.8 U	0.54 U	0.5 U	0.5 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
4-CHLOROANILINE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	1.1 U	1 U	1 UJ
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U

LOCATION ID	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05
SAMPLE ID	SL-05_20060809	SL-05_20060809-D	SL-05_20070123	SL-05_20070502	SL-05_20070802	NTC03GW0505	NTC03GW0506	NTC03GW0507
SAMPLE DATE	08/09/2006	08/09/2006	01/23/2007	05/02/2007	08/02/2007	11/15/2007	03/03/2008	05/05/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07
DUPLICATE SAMPLE		SLF-05_20060809						
4-METHYLPHENOL						0.54 U	0.5 U	0.5 U
4-NITROANILINE	12.5 U	13.7 U	12.5 U	12.5 U	12.8 U	1.1 U	1 U	1 U

LOCATION ID	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05
SAMPLE ID	SL-05_20060809	SL-05_20060809-D	SL-05_20070123	SL-05_20070502	SL-05_20070802	NTC03GW0505	NTC03GW0506	NTC03GW0507
SAMPLE DATE	08/09/2006	08/09/2006	01/23/2007	05/02/2007	08/02/2007	11/15/2007	03/03/2008	05/05/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07
DUPLICATE SAMPLE		SLF-05_20060809						
4-NITROPHENOL	12.5 U	13.7 U	12.5 U	12.5 U	12.8 U	5.4 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.03 J
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
ACETOPHENONE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U
ANILINE	-99 U	5.49 U	-99 U	5.21 U	5.1 U	0.54 U	0.5 U	0.5 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
ATRAZINE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
BENZALDEHYDE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U			
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
BUTYL BENZYL PHTHALATE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	1.1 U	1 U	1 U
CAPROLACTAM	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	1.1 U	0.15 J	1 UJ
CARBAZOLE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
DIBENZOFURAN	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
DIETHYL PHTHALATE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.50 U	0.063 U	0.5 U
DIMETHYL PHTHALATE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
DI-N-BUTYL PHTHALATE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	1.1 U	1 U	3.9 U
DI-N-OCTYL PHTHALATE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
HEXACHLOROBENZENE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
HEXACHLOROBUTADIENE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 UJ	0.5 U
HEXACHLOROETHANE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
ISOPHORONE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.11 U	0.5 U
NAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.043 J	0.5 U	0.5 U
NITROBENZENE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
N-NITROSODIPHENYLAMINE	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
PENTACHLOROPHENOL	12.5 U	13.7 U	12.5 U	12.5 U	12.8 U	1.1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.02 J
PHENOL	2.5 U	2.75 U	2.5 U	2.5 U	2.55 U	0.54 U	0.5 U	0.5 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.0482 U	0.54 U	0.5 U	0.5 U
PESTICIDES/PCBs (UG/L)								
4,4'-DDD	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
4,4'-DDE	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
AROCLOR-1016	0.255 U	0.269 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U
AROCLOR-1221	0.255 U	0.269 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U

LOCATION ID	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05
SAMPLE ID	SL-05_20060809	SL-05_20060809-D	SL-05_20070123	SL-05_20070502	SL-05_20070802	NTC03GW0505	NTC03GW0506	NTC03GW0507
SAMPLE DATE	08/09/2006	08/09/2006	01/23/2007	05/02/2007	08/02/2007	11/15/2007	03/03/2008	05/05/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07
DUPLICATE SAMPLE		SLF-05_20060809						
AROCLOR-1232	0.255 U	0.269 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U
AROCLOR-1242	0.255 U	0.269 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U
AROCLOR-1248	0.255 U	0.269 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U
AROCLOR-1254	0.255 U	0.269 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U
AROCLOR-1260	0.255 U	0.269 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U
BETA-BHC	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ENDRIN	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0108 U	0.0102 U	0.0102 U	0.0102 U	0.50 U	0.5 U	0.5 U
TOXAPHENE	0.306 U	0.323 U	0.306 U	0.306 U	0.306 U	1 U	1 U	1 UJ
ORGANOPHOSPHOROUS PESTICIDES (UG/L)								
ALACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.40 U	0.2 U	0.19 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U			
ATRAZINE	0.1 U	0.1 U	0.1 U	0.1 U	0.3 U	0.20 U	0.2 U	0.19 U
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.4 U	0.40 U	0.49 U	0.49 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U	0.05 U			
ENDRIN	0.01 U	0.01 U	0.01 U	0.01 U	0.1 U			
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U	0.1 U			
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U			
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.8 U	0.80 U	0.2 U	0.19 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.20 U	0.2 U	0.19 U
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	0.40 U	0.2 U	0.19 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.07 U	0.35 U	0.20 U	0.49 U	0.49 U
CARBAMATE UREA PESTICIDES (UG/L)								
3-HYDROXYCARBOFURAN	0.5 U		0.5 U	0.5 U	2 U	2 U	2.5 U	2.5 U
ALDICARB	0.5 U		0.5 U	0.5 U	1 U	1 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U		0.7 U	0.7 U	1 U	1 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U		0.5 U	0.5 U	1 U	1 U	2.5 U	2.5 U
CARBARYL	0.5 U		0.5 U	0.5 U	2 U	2 U	2.5 U	2.5 U
CARBOFURAN	0.9 U		0.9 U	0.9 U	0.9 U	4 U	2.5 U	2.5 U
METHIOCARB						1.7 U		
METHOMYL	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U
OXAMYL	1 U		1 U	1 U	2 U	20 U	2.5 U	2.5 U
PROPOXUR						2 U		
HERBICIDES (UG/L)								
2,4,5-T	0.1 U	0.104 U	0.168	0.1 U	0.0526 U	0.20 U	0.2 UJ	0.2 U
2,4,5-TP (SILVEX)	0.1 U	0.104 U	0.1 U	0.1 U	0.0526 U	0.20 U	0.2 UJ	0.2 U
2,4-D	1 U	1.04 U	1 U	1 U	0.526 U	2 U	2 UJ	2 U
2,4-DB	1 U	1.04 U	1 U	1 U	0.526 U	2 U	2 UJ	2 U
DALAPON	2.5 U	2.6 U	2.5 U	2.5 U	1.32 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.104 U	0.1 U	0.1 U	0.105 U	0.20 U	0.2 U	0.2 U
DICHLOROPROP	1 U	1.04 U	1 U	1 U	0.526 U	2 U	2 U	2 U

LOCATION ID	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05	SL-05
SAMPLE ID	SL-05_20060809	SL-05_20060809-D	SL-05_20070123	SL-05_20070502	SL-05_20070802	NTC03GW0505	NTC03GW0506	NTC03GW0507
SAMPLE DATE	08/09/2006	08/09/2006	01/23/2007	05/02/2007	08/02/2007	11/15/2007	03/03/2008	05/05/2008
ROUND	QTR01	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR07
DUPLICATE SAMPLE		SLF-05_20060809						
DINOSEB	0.5 U	0.521 U	0.5 U	0.5 U	0.263 U	1 U	1 UJ	1 U
MCPA	100 U	104 U	100 U	100 U	52.6 U	200 U	200 UJ	200 U
MCPP	100 U	104 U	100 U	100 U	52.6 U	200 U	200 UJ	200 U
PENTACHLOROPHENOL	0.1 U	0.104 U	0.408	0.1 U	0.105 U			

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**
SAMPLE ID	**SL-05_20060809**	**SL-05_20060809-D**	**SL-05_20070123**	**SL-05_20070502**	**SL-05_20070802**	**NTC03GW0505**	**NTC03GW0506**	**NTC03GW0507**
SAMPLE DATE	**08/09/2006**	**08/09/2006**	**01/23/2007**	**05/02/2007**	**08/02/2007**	**11/15/2007**	**03/03/2008**	**05/05/2008**
ROUND	**QTR01**	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**
DUPLICATE SAMPLE		**SLF-05_20060809**						
PETROLEUM HYDROCARBONS (MG/L)								
OIL & GREASE - HEM	2.55 U	2.63 U	2.55 U	2.55 U	2.58 U	5 U	5 U	1.1 J
INORGANICS - TOTAL / DISSOLVED (UG/L)								
ALUMINUM	142	54.1 J	50 U	50 U	50 U	45	44 U	20 U
ANTIMONY	0.296	0.277 J	0.622	0.368	0.25 U	0.68 U	0.44 U	0.43 U
ARSENIC	12.2	5.46 J	5 U	5 U	5 U	0.78	1	0.7
BARIUM	412	418	378	415	406	430	380	380
BERYLLIUM	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.31 U	0.31 U	0.23 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.064	0.062 U	0.056 U
CALCIUM	200000	213000	203000	230000	209000	200000 J	210000	220000
CHROMIUM	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.31 U	0.31 U	0.72
COBALT	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.9	2.3	2.1
COPPER	5 U	5 U	5 U	5 U	5 U	2.7	0.82 J	0.89
IRON	13700	14000	13300	15900	13200	12000 J	14000	16000
LEAD	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.94	0.33 U	0.29 U
MAGNESIUM	89400	91600	87300	98700	89300	87000 J	88000	93000
MANGANESE	318	318	358	423	395	390	420	460
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.06 U	0.046 U	0.046 U
NICKEL	11.5	11.8 J	8.73	9.71	8.11 J	17	10	10
POTASSIUM	6730	6850	7070	7110	7670	8000	7700	7100
SELENIUM	8.51	10.1	5.45	4.24	0.791 J	0.92 U	1.2	1.3
SILVER	5 U	5 U	5 U	5 U	5 U	0.12 U	0.12 U	0.061 U
SODIUM	102000	105000	95200	106000	107000	110000 J	110000	100000
THALLIUM	0.777	0.638	0.05 U	0.307	0.05 U	0.17 U	0.17 U	0.05 U
TOTAL ESSENTIAL NUTRIENTS	398130	416450	392570	441810	412970	405000	415700	420100
VANADIUM	15.1	15.6	5 U	5 U	50 U	0.83 U	0.83 U	0.84
ZINC	5 U	5 U	5 U	5 U	5 U	8	0.84 U	4.9 U
MISCELLANEOUS PARAMETERS								
AMMONIA-N (MG/L)	16.7	19.5	13.9	22.5	16.3	16 J	15	16
BIOCHEMICAL OXYGEN DEMAND (MG/L)	2.9	2.2 J	1.6	1.51	1.97 J	2 U	2 U	2.0 U
CHEMICAL OXYGEN DEMAND (MG/L)	67.2	39.3	45.5	41.1	40.8	33 J	33	54 U
CHLORIDE (MG/L)	146	151	149	159	169	180	160	140
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.0039 U
FECAL COLIFORM (COL/1)	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U
FLUORIDE (MG/L)	0.3	0.29	0.287	0.21	0.255	0.27	0.24	0.24
HEXAVALENT CHROMIUM (MG/L)	0.005 U		0.005 U	0.005 U	0.005 U	0.0041 U	0.0041 UJ	0.0041 UJ
NITRATE (MG/L)	0.025 U	0.025 U	0.025 U	0.048	0.025 U			
NITRATE-N (MG/L)						0.029 U	0.016 U	0.064 J
NITRITE/NITRATE-N (MG/L)						0.029 U	0.016 U	0.064 U
NITRITE-N (MG/L)						0.0034	0.0041	0.0029 U
PH (S.U.)	6.81	6.82	6.51	7.13	6.94			
SULFATE (MG/L)	136	131	163	161	135	120	150	180
TOTAL DISSOLVED SOLIDS (MG/L)	1110	1110	1100	1210	1230	1100	1200	1200
TOTAL ORGANIC CARBON (MG/L)	26.9	30.2	15.9	21.7	4.94	18	14 J	17
TOTAL PHENOLICS (MG/L)	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.0048 U
TOTAL PHOSPHORUS (MG/L)	0.134	0.141	0.05 U	0.108	0.355	0.18 J	0.27	0.22
TOTAL SUSPENDED SOLIDS (MG/L)	32	29.5	32	35.5	32	35	33	31
FIELD RESULTS								
CONDUCTIVITY (MS/CM)						2.09	2.00	2.48
DISSOLVED OXYGEN (MG/L)						0.26	0.10	0.13
OXIDATION REDUCTION POTENTIAL (MV)						-74.00	-74	-136
PH (S.U.)						6.77	6.78	6.99

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**	**SL-05**
SAMPLE ID	**SL-05_20060809**	**SL-05_20060809-D**	**SL-05_20070123**	**SL-05_20070502**	**SL-05_20070802**	**NTC03GW0505**	**NTC03GW0506**	**NTC03GW0507**
SAMPLE DATE	**08/09/2006**	**08/09/2006**	**01/23/2007**	**05/02/2007**	**08/02/2007**	**11/15/2007**	**03/03/2008**	**05/05/2008**
ROUND	**QTR01**	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR07**
DUPLICATE SAMPLE		**SLF-05_20060809**						
SALINITY (PPT)						0.00	0	0
TEMPERATURE (C)						11.53	8.22	10.84
TURBIDITY (NTU)						5.7	1.3	0.88

LOCATION ID	SL-05	SL-05
SAMPLE ID	NTC03GW0508	NTC03GW0508-D
SAMPLE DATE	08/19/2008	08/19/2008
ROUND	QTR08	QTR08
DUPLICATE SAMPLE		NTC03GW0508
VOLATILE ORGANIC COMPOUNDS (UG/L)		
1,1,1,2-TETRACHLOROETHANE	1 U	1 U
1,1,1-TRICHLOROETHANE	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	1 U	1 U
1,1,2-TRICHLOROETHANE	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U
1,1-DICHLOROPROPENE	1 U	1 U
1,2,3-TRICHLOROBENZENE	1 U	1 U
1,2,3-TRICHLOROPROPANE	1 U	1 U
1,2,4-TRICHLOROBENZENE	1 U	1 U
1,2,4-TRIMETHYLBENZENE	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U
1,2-DIBROMOETHANE	1 U	1 U
1,2-DICHLOROBENZENE	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U
1,2-DICHLOROPROPANE	1 U	1 U
1,3,5-TRIMETHYLBENZENE	1 U	1 U
1,3-DICHLOROBENZENE	1 U	1 U
1,3-DICHLOROPROPANE	1 U	1 U
1,3-DICHLOROPROPENE		
1,4-DICHLOROBENZENE	1 U	1 U
2,2-DICHLOROPROPANE	1 U	1 U
2-BUTANONE	5 U	5 U
2-CHLOROETHYL VINYL ETHER	5 U	5 U
2-CHLOROTOLUENE	1 U	1 U
2-HEXANONE	5 U	5 U
4-CHLOROTOLUENE	1 U	1 U
4-ISOPROPYLTOLUENE	1 U	1 U
4-METHYL-2-PENTANONE	5 U	5 U
ACETONE	5 U	5 U
ACROLEIN	5 UJ	5 UJ
ACRYLONITRILE	1 U	1 U
BENZENE	1 U	1 U
BROMOBENZENE	1 U	1 U
BROMOCHLOROMETHANE	1 U	1 U
BROMODICHLOROMETHANE	1 U	1 U
BROMOFORM	1 U	1 U
BROMOMETHANE	1 U	1 U
CARBON DISULFIDE	1 U	1 U
CARBON TETRACHLORIDE	1 U	1 U
CHLOROBENZENE	1 U	1 U
CHLORODIBROMOMETHANE	1 U	1 U
CHLOROETHANE	1 U	1 U
CHLOROFORM	1 U	1 U
CHLOROMETHANE	1 U	1 U
CIS-1,2-DICHLOROETHENE	1 U	1 U
CIS-1,3-DICHLOROPROPENE	1 U	1 U
CYCLOHEXANE	5 U	5 U
DIBROMOMETHANE	1 U	1 U
DICHLORODIFLUOROMETHANE	1 U	1 U

LOCATION ID	SL-05	SL-05
SAMPLE ID	NTC03GW0508	NTC03GW0508-D
SAMPLE DATE	08/19/2008	08/19/2008
ROUND	QTR08	QTR08
DUPLICATE SAMPLE		NTC03GW0508
ETHYL ACETATE	50 U	50 U
ETHYLBENZENE	1 U	1 U
ISOPROPYLBENZENE	1 U	1 U
M+P-XYLENES		
METHYL ACETATE	5 U	5 U
METHYL CYCLOHEXANE	5 U	5 U
METHYL IODIDE	1 U	1 U
METHYL METHACRYLATE	5 U	5 U
METHYL TERT-BUTYL ETHER	1 U	1 U
METHYLENE CHLORIDE	1 U	1 U
N-BUTYLBENZENE	1 U	1 U
N-PROPYLBENZENE	1 U	1 U
O-XYLENE		
SEC-BUTYLBENZENE	1 U	1 U
STYRENE	1 U	1 U
TERT-BUTYLBENZENE	1 U	1 U
TETRACHLOROETHENE	1 U	1 U
TETRAHYDROFURAN	5 UJ	5 UJ
TOLUENE	1 U	1 U
TOTAL XYLENES	1 U	1 U
TRANS-1,2-DICHLOROETHENE	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	5 U	5 U
TRICHLOROETHENE	1 U	1 U
TRICHLOROFLUOROMETHANE	1 U	1 U
VINYL ACETATE	5 U	5 U
VINYL CHLORIDE	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)		
1,1-BIPHENYL	0.50 U	0.50 U
1-METHYLNAPHTHALENE	0.50 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)	0.50 U	0.50 U
2,4,5-TRICHLOROPHENOL	0.50 U	0.50 U
2,4,6-TRICHLOROPHENOL	0.50 U	0.50 U
2,4-DICHLOROPHENOL	0.50 U	0.50 U
2,4-DIMETHYLPHENOL	1 U	1 U
2,4-DINITROPHENOL	5 UJ	5 UJ
2,4-DINITROTOLUENE	0.50 U	0.50 U
2,6-DINITROTOLUENE	0.50 U	0.50 U
2-CHLORONAPHTHALENE	0.50 U	0.50 U
2-CHLOROPHENOL	0.50 U	0.50 U
2-METHYLNAPHTHALENE	0.50 U	0.50 U
2-METHYLPHENOL	0.50 U	0.50 U
2-NITROANILINE	1 U	1 U
2-NITROPHENOL	0.50 U	0.50 U
3&4-METHYLPHENOL		
3,3'-DICHLOROBENZIDINE	0.50 U	0.50 U
3-NITROANILINE	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	0.50 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	0.50 U	0.50 U
4-CHLORO-3-METHYLPHENOL	0.50 U	0.50 U
4-CHLOROANILINE	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	0.50 U	0.50 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**SL-05** **NTC03GW0508** **08/19/2008** **QTR08**	**SL-05** **NTC03GW0508-D** **08/19/2008** **QTR08** **NTC03GW0508**
4-METHYLPHENOL	0.50 U	0.50 U
4-NITROANILINE	1 U	1 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-05**	**SL-05**
SAMPLE ID	**NTC03GW0508**	**NTC03GW0508-D**
SAMPLE DATE	**08/19/2008**	**08/19/2008**
ROUND	**QTR08**	**QTR08**
DUPLICATE SAMPLE		**NTC03GW0508**
4-NITROPHENOL	5 U	5 U
ACENAPHTHENE	0.50 U	0.50 U
ACENAPHTHYLENE	0.50 U	0.50 U
ACETOPHENONE	0.50 U	0.50 U
ANILINE	0.50 U	0.50 U
ANTHRACENE	0.50 U	0.50 U
ATRAZINE	0.50 U	0.50 U
BENZALDEHYDE	0.12 J	0.13 J
BENZO(A)ANTHRACENE	0.50 U	0.50 U
BENZO(A)PYRENE	0.50 U	0.50 U
BENZO(B)FLUORANTHENE	0.50 U	0.50 U
BENZO(G,H,I)PERYLENE	0.50 U	0.50 U
BENZO(K)FLUORANTHENE	0.50 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	0.50 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	0.50 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER		
BIS(2-ETHYLHEXYL)PHTHALATE	0.50 U	0.50 U
BUTYL BENZYL PHTHALATE	1 U	0.13 J
CAPROLACTAM	1 UJ	1 UJ
CARBAZOLE	0.50 U	0.50 U
CHRYSENE	0.50 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.50 U	0.50 U
DIBENZOFURAN	0.50 U	0.50 U
DIETHYL PHTHALATE	0.50 U	0.50 U
DIMETHYL PHTHALATE	0.50 U	0.50 U
DI-N-BUTYL PHTHALATE	1 U	1 U
DI-N-OCTYL PHTHALATE	0.50 U	0.50 U
FLUORANTHENE	0.50 U	0.50 U
FLUORENE	0.50 U	0.50 U
HEXACHLOROBENZENE	0.50 U	0.50 U
HEXACHLOROBUTADIENE	0.50 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	0.50 U	0.50 U
HEXACHLOROETHANE	0.50 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.50 U	0.50 U
ISOPHORONE	0.50 U	0.50 U
NAPHTHALENE	0.50 U	0.50 U
NITROBENZENE	0.50 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	0.50 U	0.50 U
N-NITROSODIPHENYLAMINE	0.50 U	0.50 U
PENTACHLOROPHENOL	1 U	1 U
PHENANTHRENE	0.50 U	0.03 J
PHENOL	0.50 U	0.50 U
PYRENE	0.50 U	0.50 U
PESTICIDES/PCBs (UG/L)		
4,4'-DDD	0.05 U	
4,4'-DDE	0.05 U	
4,4'-DDT	0.05 U	
ALDRIN	0.05 U	
ALPHA-BHC	0.05 U	
ALPHA-CHLORDANE	0.05 U	
AROCLOR-1016	0.20 U	
AROCLOR-1221	0.20 U	

LOCATION ID	SL-05	SL-05
SAMPLE ID	NTC03GW0508	NTC03GW0508-D
SAMPLE DATE	08/19/2008	08/19/2008
ROUND	QTR08	QTR08
DUPLICATE SAMPLE		NTC03GW0508
AROCLOR-1232	0.20 U	
AROCLOR-1242	0.20 U	
AROCLOR-1248	0.20 U	
AROCLOR-1254	0.20 U	
AROCLOR-1260	0.20 U	
BETA-BHC	0.05 U	
DELTA-BHC	0.05 U	
DIELDRIN	0.05 U	
ENDOSULFAN I	0.05 U	
ENDOSULFAN II	0.05 U	
ENDOSULFAN SULFATE	0.05 U	
ENDRIN	0.05 U	
ENDRIN ALDEHYDE	0.05 U	
ENDRIN KETONE	0.05 U	
GAMMA-BHC (LINDANE)	0.05 U	
GAMMA-CHLORDANE	0.05 U	
HEPTACHLOR	0.05 U	
HEPTACHLOR EPOXIDE	0.05 U	
METHOXYCHLOR	0.50 U	
TOXAPHENE	1 U	
ORGANOPHOSPHOROUS PESTICIDES (UG/L)		
ALACHLOR	1 UJ	0.20 U
ALDRIN	1 UJ	0.20 U
ATRAZINE		
BUTACHLOR	2.5 U	0.49 U
DIELDRIN		
ENDRIN		
GAMMA-BHC (LINDANE)		
METHOXYCHLOR		
METOLACLOR (DUAL)	1 UJ	0.20 U
METRIBUZIN	1 U	0.20 UJ
PROPACHLOR	1 U	0.20 U
SIMAZINE	2.5 UJ	0.49 U
CARBAMATE UREA PESTICIDES (UG/L)		
3-HYDROXYCARBOFURAN	2.5 U	2.5 U
ALDICARB	2.5 U	2.5 U
ALDICARB SULFONE	2.5 U	2.5 U
ALDICARB SULFOXIDE	2.5 U	2.5 U
CARBARYL	2.5 U	2.5 U
CARBOFURAN	2.5 U	2.5 U
METHIOCARB		
METHOMYL	2.5 U	2.5 U
OXAMYL	2.5 U	2.5 U
PROPOXUR		
HERBICIDES (UG/L)		
2,4,5-T	0.20 U	0.20 U
2,4,5-TP (SILVEX)	0.20 U	0.20 U
2,4-D	2 U	2 U
2,4-DB	2 U	2 U
DALAPON	2 U	2 U
DICAMBA	0.20 U	0.20 U
DICHLOROPROP	2 U	2 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**SL-05** **NTC03GW0508** **08/19/2008** **QTR08**	**SL-05** **NTC03GW0508-D** **08/19/2008** **QTR08** **NTC03GW0508**
DINOSEB	1 U	1 U
MCPA	200 U	200 U
MCPP	200 U	200 U
PENTACHLOROPHENOL		

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-05**	**SL-05**
SAMPLE ID	**NTC03GW0508**	**NTC03GW0508-D**
SAMPLE DATE	**08/19/2008**	**08/19/2008**
ROUND	**QTR08**	**QTR08**
DUPLICATE SAMPLE		**NTC03GW0508**
PETROLEUM HYDROCARBONS (MG/L)		
OIL & GREASE - HEM	5 U	5 U
INORGANICS - TOTAL / DISSOLVED (UG/L)		
ALUMINUM	140 UJ / 100 U	140 UJ / 100 U
ANTIMONY	0.42 UJ / 0.47 UJ	0.33 UJ / 1 U
ARSENIC	1.2 J / 0.99 J	1 J / 0.97 J
BARIUM	350 / 360	350 / 360
BERYLLIUM	1 U / 1 U	1 U / 1 U
CADMIUM	0.20 U / 0.20 U	0.20 U / 0.20 U
CALCIUM	210000 / 210000	200000 / 200000
CHROMIUM	0.47 J / 1 UJ	1 UJ / 1 UJ
COBALT	1.8 / 1.6	1.7 / 1.6
COPPER	1.2 / 0.73 UJ	1.2 / 0.97 UJ
IRON	13000 / 11000	12000 / 11000
LEAD	0.39 J / 1 U	0.40 J / 1 U
MAGNESIUM	87000 / 88000	84000 / 85000
MANGANESE	390 / 360	390 / 350
MERCURY	0.20 U / 0.20 U	0.20 U / 0.20 U
NICKEL	11 / 11	11 / 11
POTASSIUM	7500 / 7700	7300 / 7500
SELENIUM	1.4 U / 0.62 UJ	1.1 U / 0.73 UJ
SILVER	0.20 U / 0.20 U	0.20 U / 0.20 U
SODIUM	110000 / 110000	110000 / 110000
THALLIUM	1 U / 1 U	1 U / 1 U
TOTAL ESSENTIAL NUTRIENTS	414500 / 415700	401300 / 402500
VANADIUM	1.3 J / 0.83 J	1.2 J / 0.85 J
ZINC	5.8 UJ / 4.3 UJ	7.1 UJ / 7.4 UJ
MISCELLANEOUS PARAMETERS		
AMMONIA-N (MG/L)	16	17
BIOCHEMICAL OXYGEN DEMAND (MG/L)	3.7	4.4
CHEMICAL OXYGEN DEMAND (MG/L)	60	76
CHLORIDE (MG/L)	180 J	180 J
CYANIDE (MG/L)	0.005 U	0.005 U
FECAL COLIFORM (COL/1)	2 U	
FLUORIDE (MG/L)	0.22	0.23
HEXAVALENT CHROMIUM (MG/L)	0.01 UJ	0.01 UJ
NITRATE (MG/L)		
NITRATE-N (MG/L)	0.02 U	0.02 U
NITRITE/NITRATE-N (MG/L)	0.02 U	0.02 U
NITRITE-N (MG/L)	0.0044 J	0.0042 U
PH (S.U.)		
SULFATE (MG/L)	150 J	140 J
TOTAL DISSOLVED SOLIDS (MG/L)	1300	1200
TOTAL ORGANIC CARBON (MG/L)	15	15
TOTAL PHENOLICS (MG/L)	0.05 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.26 J	0.36 J
TOTAL SUSPENDED SOLIDS (MG/L)	340	310
FIELD RESULTS		
CONDUCTIVITY (MS/CM)	2.06	2.06
DISSOLVED OXYGEN (MG/L)	0.42	0.42
OXIDATION REDUCTION POTENTIAL (MV)	-82.00	-82.00
PH (S.U.)	6.69	6.69

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID **SAMPLE ID** **SAMPLE DATE** **ROUND** **DUPLICATE SAMPLE**	**SL-05** **NTC03GW0508** **08/19/2008** **QTR08**	**SL-05** **NTC03GW0508-D** **08/19/2008** **QTR08** **NTC03GW0508**
SALINITY (PPT)		
TEMPERATURE (C)	13.9	13.9
TURBIDITY (NTU)	42.6	42.6

LOCATION ID	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06
SAMPLE ID	SL-06_20060808	SL-06_20070116	SL-06_20070507	SL-06_20070806	NTC03GW0605	NTC03GW0606	NTC03GW0606-D	NTC03GW0607	NTC03GW0608
SAMPLE DATE	08/08/2006	01/16/2007	05/07/2007	08/06/2007	11/16/2007	02/28/2008	02/28/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR06	QTR07	QTR08
DUPLICATE SAMPLE							NTC03GW0606		
VOLATILE ORGANIC COMPOUNDS (UG/L)									
1,1,1,2-TETRACHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,1,1-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-TETRACHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,1,2-TRICHLOROTRIFLUOROETHANE					1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHANE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROETHENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,1-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
1,2,3-TRICHLOROPROPANE	0.75 U	0.75 U	0.75 U	0.5 U	1 U	1 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U
1,2,4-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMO-3-CHLOROPROPANE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-DIBROMOETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,2-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U
1,3,5-TRIMETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U
1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U					
1,4-DICHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
2,2-DICHLOROPROPANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 UJ	1 UJ	1 U	1 U
2-BUTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U	5 U
2-CHLOROETHYL VINYL ETHER	2 U	2 U	2 U	2 U	5 UJ	5 U	5 U	5 U	5 U
2-CHLOROTOLUENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
2-HEXANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U	5 U
4-CHLOROTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
4-ISOPROPYLTOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
4-METHYL-2-PENTANONE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 U	5 U	5 U	5 U
ACETONE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 UJ	5 U
ACROLEIN	20 U	20 U	20 U	20 U	5 UR	5 UR	5 UR	5 U	5 UJ
ACRYLONITRILE	2.5 U	2.5 U	2.5 U	2.5 U	1 U	1 U	1 U	1 U	1 U
BENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
BROMOBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
BROMOCHLOROMETHANE	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U	1 U
BROMODICHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
BROMOFORM	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
BROMOMETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	1 U	1 U	1 U	1 U
CARBON DISULFIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 UJ	1 UJ	1 U	1 U
CARBON TETRACHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
CHLOROBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
CHLORODIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
CHLOROFORM	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
CHLOROMETHANE	0.25 U	0.25 U	0.25 U	0.7 J	1 U	1 U	1 U	1 U	1 U
CIS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
CIS-1,3-DICHLOROPROPENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
CYCLOHEXANE					5 U	5 U	5 U	5 U	5 U
DIBROMOMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
DICHLORODIFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U

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SAMPLE DATE	08/08/2006	01/16/2007	05/07/2007	08/06/2007	11/16/2007	02/28/2008	02/28/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR06	QTR07	QTR08
DUPLICATE SAMPLE							NTC03GW0606		
ETHYL ACETATE	25 U	25 U	25 U	25 U	50 U	50 U	50 U	50 U	50 U
ETHYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
ISOPROPYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
M+P-XYLENES	0.5 U	0.5 U	0.5 U	0.5 U					
METHYL ACETATE					5 U	5 U	5 U	5 U	5 U
METHYL CYCLOHEXANE					5 U	5 U	5 U	5 U	5 U
METHYL IODIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
METHYL METHACRYLATE	2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U
METHYL TERT-BUTYL ETHER					1 U	1 U	1 U	1 U	1 U
METHYLENE CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
N-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
N-PROPYLBENZENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
O-XYLENE	0.25 U	0.25 U	0.25 U	0.25 U					
SEC-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
STYRENE	0.125 U	0.125 U	0.125 U	0.125 U	1 U	1 U	1 U	1 U	1 U
TERT-BUTYLBENZENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
TETRACHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
TETRAHYDROFURAN	25 U	25 U	25 U	25 U	5 U	5 UR	5 UR	5 UR	5 UJ
TOLUENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
TOTAL XYLENES					1 U	1 U	1 U	1 U	1 U
TRANS-1,2-DICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,3-DICHLOROPROPENE	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U	1 U
TRANS-1,4-DICHLORO-2-BUTENE	1 U	1 U	1 U	1 U	5 U	5 UJ	5 UJ	5 U	5 U
TRICHLOROETHENE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
TRICHLOROFLUOROMETHANE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
VINYL ACETATE	2.5 U	2.5 U	2.5 U	2.5 U	5 UJ	5 UJ	5 UJ	5 U	5 U
VINYL CHLORIDE	0.25 U	0.25 U	0.25 U	0.25 U	1 U	1 U	1 U	1 U	1 U
SEMIVOLATILE ORGANIC COMPONDS (UG/L)									
1,1-BIPHENYL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
1-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,2'-OXYBIS(1-CHLOROPROPANE)					0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4,5-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4,6-TRICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4-DICHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,4-DIMETHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	1 U	1 U
2,4-DINITROPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	5 U	5 U	5 U	5 U	5 UJ
2,4-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2,6-DINITROTOLUENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-CHLORONAPHTHALENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-CHLOROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-METHYLNAPHTHALENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
2-NITROANILINE	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U	1 U
2-NITROPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
3&4-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U					
3,3'-DICHLOROBENZIDINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
3-NITROANILINE	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U	1 U
4,6-DINITRO-2-METHYLPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-BROMOPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-CHLORO-3-METHYLPHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-CHLOROANILINE	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	1 U	1 U
4-CHLOROPHENYL PHENYL ETHER	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U

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SAMPLE DATE	08/08/2006	01/16/2007	05/07/2007	08/06/2007	11/16/2007	02/28/2008	02/28/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR06	QTR07	QTR08
DUPLICATE SAMPLE							NTC03GW0606		
4-METHYLPHENOL					0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
4-NITROANILINE	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U	1 U

LOCATION ID	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06
SAMPLE ID	SL-06_20060808	SL-06_20070116	SL-06_20070507	SL-06_20070806	NTC03GW0605	NTC03GW0606	NTC03GW0606-D	NTC03GW0607	NTC03GW0608
SAMPLE DATE	08/08/2006	01/16/2007	05/07/2007	08/06/2007	11/16/2007	02/28/2008	02/28/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR06	QTR07	QTR08
DUPLICATE SAMPLE							NTC03GW0606		
4-NITROPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	5 U	5 U	5 U	5 U	5 U
ACENAPHTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.019 J	0.50 U
ACENAPHTHYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ACETOPHENONE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ANILINE	-99 U	-99 U	5.21 U	5.1 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ATRAZINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZALDEHYDE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(A)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(A)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(B)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(G,H,I)PERYLENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BENZO(K)FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHOXY)METHANE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROETHYL)ETHER	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BIS(2-CHLOROISOPROPYL)ETHER	2.5 U	2.5 U	2.5 U	2.55 U					
BIS(2-ETHYLHEXYL)PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
BUTYL BENZYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 U	1 U	1 U	0.071 J
CAPROLACTAM	2.5 U	2.5 U	2.5 U	2.55 U	1 U	1 UR	1 UR	1 U	1 UJ
CARBAZOLE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
CHRYSENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DIBENZO(A,H)ANTHRACENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DIBENZOFURAN	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DIETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DIMETHYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
DI-N-BUTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.49 J	1 U	1 U	2.4 U	1 U
DI-N-OCTYL PHTHALATE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
FLUORANTHENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
FLUORENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBENZENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
HEXACHLOROBUTADIENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
HEXACHLOROCYCLOPENTADIENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 UJ	0.5 UJ	0.5 U	0.50 U
HEXACHLOROETHANE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
INDENO(1,2,3-CD)PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
ISOPHORONE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.12 U	0.13 U	0.5 U	0.50 U
NAPHTHALENE	0.0526 U	0.0859	0.0526 U	0.0526 U	0.061 J	0.5 U	0.5 U	0.5 U	0.50 U
NITROBENZENE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
N-NITROSO-DI-N-PROPYLAMINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
N-NITROSODIPHENYLAMINE	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PENTACHLOROPHENOL	12.5 U	12.5 U	12.5 U	12.8 U	1 U	1 U	1 U	1 U	1 U
PHENANTHRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PHENOL	2.5 U	2.5 U	2.5 U	2.55 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PYRENE	0.0526 U	0.0526 U	0.0526 U	0.0526 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
PESTICIDES/PCBs (UG/L)									
4,4'-DDD	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDE	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4,4'-DDT	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ALDRIN	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ALPHA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
AROCLOR-1016	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1221	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U

LOCATION ID	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06
SAMPLE ID	SL-06_20060808	SL-06_20070116	SL-06_20070507	SL-06_20070806	NTC03GW0605	NTC03GW0606	NTC03GW0606-D	NTC03GW0607	NTC03GW0608
SAMPLE DATE	08/08/2006	01/16/2007	05/07/2007	08/06/2007	11/16/2007	02/28/2008	02/28/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR06	QTR07	QTR08
DUPLICATE SAMPLE							NTC03GW0606		
AROCLOR-1232	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1242	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1248	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1254	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
AROCLOR-1260	0.255 U	0.255 U	0.255 U	0.255 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
BETA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DELTA-BHC	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
DIELDRIN	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN I	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN II	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDOSULFAN SULFATE	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN ALDEHYDE	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
ENDRIN KETONE	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.0067 J	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-BHC (LINDANE)	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
GAMMA-CHLORDANE	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
HEPTACHLOR EPOXIDE	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
METHOXYCHLOR	0.0102 U	0.0102 U	0.0102 U	0.0102 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U
TOXAPHENE	0.306 U	0.306 U	0.306 U	0.306 U	1 U	1 U	1 U	1 UJ	1 U
ORGANOPHOSPHOROUS PESTICIDES (UG/L)									
ALACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.2 U	0.19 U	0.20 U
ALDRIN	0.1 U	0.1 U	0.1 U	0.1 U					0.20 U
ATRAZINE	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 U	0.19 U	
BUTACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.5 U	0.49 U	0.48 U	0.50 U
DIELDRIN	0.1 U	0.1 U	0.1 U	0.1 U					
ENDRIN	0.01 U	0.01 U	0.01 U	0.01 U					
GAMMA-BHC (LINDANE)	0.02 U	0.02 U	0.02 U	0.02 U					
METHOXYCHLOR	0.1 U	0.1 U	0.1 U	0.1 U					
METOLACLOR (DUAL)	0.1 U	0.1 U	0.1 U	0.1 U	0.80 U	0.2 U	0.2 U	0.19 U	0.20 U
METRIBUZIN	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 U	0.19 U	0.20 UJ
PROPACHLOR	0.1 U	0.1 U	0.1 U	0.1 U	0.40 U	0.2 U	0.2 U	0.19 U	0.20 U
SIMAZINE	0.07 U	0.07 U	0.07 U	0.07 U	0.20 U	0.5 U	0.49 U	0.48 U	0.50 U
CARBAMATE UREA PESTICIDES (UG/L)									
3-HYDROXYCARBOFURAN	0.5 U	0.5 U	0.5 U	0.5 U	2 UJ	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFONE	0.7 U	0.7 U	0.7 U	0.7 U	1 UJ	2.5 U	2.5 U	2.5 U	2.5 U
ALDICARB SULFOXIDE	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	2.5 U	2.5 U	2.5 U	2.5 U
CARBARYL	0.5 U	0.5 U	0.5 U	0.5 U	2 UJ	2.5 U	2.5 U	2.5 U	2.5 U
CARBOFURAN	0.9 U	0.9 U	0.9 U	0.9 U	4 UJ	2.5 U	2.5 U	2.5 U	2.5 U
METHIOCARB					1.7 UJ				
METHOMYL	0.5 U	0.5 U	0.5 U	0.5 U	0.50 UJ	2.5 U	2.5 U	2.5 U	2.5 U
OXAMYL	1 U	1 U	1 U	1 U	20 UJ	2.5 U	2.5 U	2.5 U	2.5 U
PROPOXUR					2 UJ				
HERBICIDES (UG/L)									
2,4,5-T	0.1 U	0.1 U	0.1 U	0.05 U	0.20 U	0.2 UJ	0.2 UJ	0.2 U	0.20 U
2,4,5-TP (SILVEX)	0.1 U	0.1 U	0.1 U	0.05 U	0.20 U	0.2 UJ	0.2 UJ	0.2 U	0.20 U
2,4-D	1 U	1 U	1 U	0.5 U	2 U	2 UJ	2 UJ	2 U	2 U
2,4-DB	1 U	1 U	1 U	0.5 U	2 U	2 UJ	2 UJ	2 U	2 U
DALAPON	2.5 U	2.5 U	2.5 U	1.25 U	2 U	2 U	2 U	2 U	2 U
DICAMBA	0.1 U	0.1 U	0.1 U	0.1 U	0.20 U	0.2 U	0.2 U	0.2 U	0.20 U
DICHLOROPROP	1 U	1 U	1 U	0.5 U	2 U	2 UJ	2 UJ	2 U	2 U

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**
SAMPLE ID	**SL-06_20060808**	**SL-06_20070116**	**SL-06_20070507**	**SL-06_20070806**	**NTC03GW0605**	**NTC03GW0606**	**NTC03GW0606-D**	**NTC03GW0607**	**NTC03GW0608**
SAMPLE DATE	**08/08/2006**	**01/16/2007**	**05/07/2007**	**08/06/2007**	**11/16/2007**	**02/28/2008**	**02/28/2008**	**05/06/2008**	**08/19/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE							**NTC03GW0606**		
DINOSEB	0.5 U	0.5 U	0.5 U	0.25 U	1 U	1 UJ	1 UJ	1 U	1 U
MCPA	100 U	100 U	100 U	50 U	200 U	200 UJ	200 UJ	200 U	200 U
MCPP	100 U	100 U	100 U	50 U	200 U	200 UJ	200 UJ	200 U	200 U
PENTACHLOROPHENOL	0.1 U	0.1 U	0.1 U	0.1 U					

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06	SL-06
SAMPLE ID	SL-06_20060808	SL-06_20070116	SL-06_20070507	SL-06_20070806	NTC03GW0605	NTC03GW0606	NTC03GW0606-D	NTC03GW0607	NTC03GW0608
SAMPLE DATE	08/08/2006	01/16/2007	05/07/2007	08/06/2007	11/16/2007	02/28/2008	02/28/2008	05/06/2008	08/19/2008
ROUND	QTR01	QTR02	QTR03	QTR04	QTR05	QTR06	QTR06	QTR07	QTR08
DUPLICATE SAMPLE							NTC03GW0606		
PETROLEUM HYDROCARBONS (MG/L)									
OIL & GREASE - HEM	2.55 U	2.55 U	2.55 U	2.58 U	5 U	5 U	5 U	0.830000 U	5 U
INORGANICS - TOTAL / DISSOLVED (UG/L)									
ALUMINUM	73.9	4820	50 U	50 U	100 J / 44 U	52 / 47	44 U / 44 U	230 / 27	280 / 100 U
ANTIMONY	0.289	3.71	0.25 U	0.25 U	0.57 U / 0.44 U	0.44 U / 0.44 U	0.44 U / 0.44 U	0.32 U / 0.32 U	0.54 J / 0.52 UJ
ARSENIC	5 U	28.8	5 U	5 U	56 / 4.7	21 / 3.5	20 / 3.2	25 / 5.5	20 / 6.1
BARIUM	50	101	56.1	60.1	130 / 52	79 / 52	77 / 50	99 / 51	79 / 56
BERYLLIUM	0.50 U	0.571	0.50 U	0.50 U	0.31 U / 0.31 U	0.31 U / 0.31 U	0.31 U / 0.31 U	0.23 U / 0.23 U	1 U / 1 U
CADMIUM	2.5 U	2.5 U	2.5 U	2.5 U	0.091 / 0.062 U	0.062 U / 0.062 U	0.062 U / 0.062 U	0.056 U / 0.056 U	0.20 U / 0.20 U
CALCIUM	129000	178000	170000	169000	140000 J / 140000 J	160000 / 150000	150000 / 150000	150000 / 160000	140000 / 140000
CHROMIUM	2.5 U	8.24	2.5 U	2.5 U	0.31 U / 5.9	0.31 U / 0.31 U	0.31 U / 0.31 U	0.56 / 0.66	0.35 J / 1 UJ
COBALT	2.5 U	3.27	2.5 U	2.5 U	0.88 / 0.54	0.97 / 0.84	0.92 / 0.85	0.96 / 0.85	1.1 / 0.89 J
COPPER	5 U	9.92	5 U	5 U	2 / 0.71	1 J / 0.33 U	2.1 J / 1.2 J	1.4 / 0.88	1.6 / 0.94 UJ
IRON	3690	12900	7340	3910	54000 J / 5600 J	21000 / 3000	18000 / 2900	29000 / 6400	11000 / 1300
LEAD	2.5 U	2.5 U	2.5 U	50 U	0.67 / 0.33 U	0.33 U / 0.33 U	0.33 U / 0.33 U	0.43 / 0.29 U	0.63 J / 1 U
MAGNESIUM	44000	63400	61200	55400	48000 J / 49000 J	55000 / 54000	53000 / 51000	53000 / 55000	49000 / 50000
MANGANESE	553	844	823	660	670 / 650	770 / 760	780 / 730	780 / 760	510 / 490
MERCURY	0.10 U	0.10 U	0.10 U	0.10 U	0.046 U / 0.046 U	0.046 U / 0.046 U	0.046 U / 0.046 U	0.046 U / 0.046 U	0.20 U / 0.20 U
NICKEL	5 U	10.1	5 U	5 U	3.2 / 2.1	2.2 / 1.6 J	1.9 / 4.1 J	2.7 / 2.1	3.7 / 3.3
POTASSIUM	732	3370	931	1380	1300 / 1300	1200 J / 1100 J	1000 J / 1100 J	1000 / 1100	1400 / 1300
SELENIUM	0.911	0.876	0.869	3.93	0.92 U / 0.92 U	0.92 U / 0.92 U	0.92 U / 0.92 U	0.30 U / 0.30 U	1 U / 0.40 UJ
SILVER	5 U	5 U	5 U	5 U	0.12 U / 0.12 U	0.12 U / 0.12 U	0.12 U / 0.12 U	0.061 U / 0.061 UJ	0.20 U / 0.20 U
SODIUM	60400	59300	51900	63600	50000 J / 52000 J	50000 / 50000	49000 / 47000	48000 / 50000	52000 / 54000
THALLIUM	0.924	0.129	0.05 U	0.407	0.17 U / 0.17 U	0.17 U / 0.17 U	0.17 U / 0.17 U	0.05 U / 0.05 U	0.055 J / 1 U
TOTAL ESSENTIAL NUTRIENTS	234132	304070	284031	289380	239300 / 242300	266200 / 255100	253000 / 249100	252000 / 266100	242400 / 245300
VANADIUM	5 U	5 U	5 U	100 U	1.2 / 3	0.83 U / 0.83 U	0.83 U / 0.83 U	1.1 / 0.3	1.1 J / 3 U
ZINC	5 U	32.6	5 U	5 U	6.8 / 5.9	0.84 U / 7.3 J	0.84 U / 0.84 U	7.3 U / 7.9 U	4 UJ / 10 UJ
MISCELLANEOUS PARAMETERS									
AMMONIA-N (MG/L)	0.33	0.397	0.381	0.459	0.23	0.26	0.26	0.24	0.27
BIOCHEMICAL OXYGEN DEMAND (MG/L)	1 U	1 U	1 U	1 U	2 U	2 U	2 U	2.0 U	2 U
CHEMICAL OXYGEN DEMAND (MG/L)	11.4	21.3	13	23.5	37	2.200000 U	2.2	7.4	14 J
CHLORIDE (MG/L)	127	94.7	91.9	145	110	99	99	78	130 J
CYANIDE (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001900 U	0.001900 U	0.003 U	0.005 U
FECAL COLIFORM (COL/1)	1 U	2 U	2 U	2 U	10 U	2 U	2 U	2.0 U	2 U
FLUORIDE (MG/L)	0.422	0.373	0.329	0.417	0.38	0.33	0.33	0.32	0.31
HEXAVALENT CHROMIUM (MG/L)	0.005 U	0.005 U	0.005 U	0.005 U	0.0041 U	0.0041 U	0.0041 U	0.0073 J	0.01 U
NITRATE (MG/L)	0.04	0.053	0.025 U	0.025 U					
NITRATE-N (MG/L)					0.029 U	0.016 U	0.016 U	0.024 J	0.02 U
NITRITE/NITRATE-N (MG/L)					0.029 U	0.022	0.016 U	0.027 U	0.02 U
NITRITE-N (MG/L)					0.0039	0.0075	0.0057	0.003 J	0.0042 U
PH (S.U.)	6.72	6.73	7.05	6.85					
SULFATE (MG/L)	132	205	199	121	130	160	150	180	130 J
TOTAL DISSOLVED SOLIDS (MG/L)	816	824	862	798	750	790	800	790	790
TOTAL ORGANIC CARBON (MG/L)	5.86	12.6	4.38	4.17	9.3	12 J	9.7	7	5.8
TOTAL PHENOLICS (MG/L)	0.0037	0.00333 U	0.00333 U	0.00333 U	0.05 U	0.004800 U	0.004800 U	0.0048 U	0.05 U
TOTAL PHOSPHORUS (MG/L)	0.072	0.195	0.05 U	0.281	1.2 J	3.6 J	2 J	1.3	1.2 J
TOTAL SUSPENDED SOLIDS (MG/L)	2.5 U	89	17	7.5	36	82	75	72	87
FIELD RESULTS									
CONDUCTIVITY (MS/CM)					1.24	1.302		1.301	1.242
DISSOLVED OXYGEN (MG/L)					0.42	0.22		0.11	0.49
OXIDATION REDUCTION POTENTIAL (MV)					-45.00	-69		-57	-33.00
PH (S.U.)					6.75	6.72		6.93	6.83

ATTACHMENT B.1
SUMMARY OF ANALYTICAL RESULTS
GROUNDWATER ROUNDS 1 - 8
SITE 3 - SUPPLY SIDE LANDFILL
NAVAL STATION GREAT LAKES, ILLINOIS

LOCATION ID	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**	**SL-06**
SAMPLE ID	**SL-06_20060808**	**SL-06_20070116**	**SL-06_20070507**	**SL-06_20070806**	**NTC03GW0605**	**NTC03GW0606**	**NTC03GW0606-D**	**NTC03GW0607**	**NTC03GW0608**
SAMPLE DATE	**08/08/2006**	**01/16/2007**	**05/07/2007**	**08/06/2007**	**11/16/2007**	**02/28/2008**	**02/28/2008**	**05/06/2008**	**08/19/2008**
ROUND	**QTR01**	**QTR02**	**QTR03**	**QTR04**	**QTR05**	**QTR06**	**QTR06**	**QTR07**	**QTR08**
DUPLICATE SAMPLE							**NTC03GW0606**		
SALINITY (PPT)					0.00	0		0	
TEMPERATURE (C)					12.6	8.84		11.82	14.64
TURBIDITY (NTU)					47	450		180	96.6

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
1-METHYLNAPHTHALENE	SL-01	0	8	0	0.0526	0.54	--	--	NO	16	16	0.031	YES	UPWARD TREND	NA
1-METHYLNAPHTHALENE	SL-02	0	4	0	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	NA
1-METHYLNAPHTHALENE	SL-03	0	8	0	0.051	0.5	--	--	NO	13	16	0.089	NO	NO TREND	NA
1-METHYLNAPHTHALENE	SL-04	0	8	0	0.0521	0.5	--	--	NO	15	16	0.054	NO	NO TREND	NA
1-METHYLNAPHTHALENE	SL-05	1	8	0	0.0482	0.5	0.022	0.022	NO	8	16	0.199	NO	NO TREND	NA
1-METHYLNAPHTHALENE	SL-06	0	8	0	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	NA
2,4,5-T	SL-01	0	8	0	0.05	0.2	--	--	NO	13	16	0.089	NO	NO TREND	YES
2,4,5-T	SL-02	0	4	0	0.2	0.2	--	--	NO	0	6	0.625	NO	NO TREND	YES
2,4,5-T	SL-03	0	8	0	0.0524	0.2	--	--	NO	13	16	0.089	NO	NO TREND	YES
2,4,5-T	SL-04	0	8	0	0.05435	0.2	--	--	NO	12	16	0.089	NO	NO TREND	YES
2,4,5-T	SL-05	1	8	0	0.0526	0.2	0.168	0.168	NO	4	16	0.36	NO	NO TREND	YES
2,4,5-T	SL-06	0	8	0	0.05	0.2	--	--	NO	13	16	0.089	NO	NO TREND	YES
2-BUTANONE	SL-01	2	8	0	2.5	5	4.38	4.38	NO	0	16	0.548	NO	NO TREND	YES
2-BUTANONE	SL-02	0	4	0	5	5	--	--	NO	0	6	0.625	NO	NO TREND	YES
2-BUTANONE	SL-03	0	8	0	2.5	5	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
2-BUTANONE	SL-04	1	8	0	2.5	5	4.7	4.7	NO	15	16	0.054	NO	NO TREND	YES
2-BUTANONE	SL-05	0	8	0	2.5	5	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
2-BUTANONE	SL-06	0	8	0	2.5	5	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
2-METHYLNAPHTHALENE	SL-01	0	8	0	0.0526	0.54	--	--	NO	16	16	0.031	YES	UPWARD TREND	NA
2-METHYLNAPHTHALENE	SL-02	0	4	0	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	NA
2-METHYLNAPHTHALENE	SL-03	0	8	0	0.051	0.5	--	--	NO	13	16	0.089	NO	NO TREND	NA
2-METHYLNAPHTHALENE	SL-04	0	8	0	0.0521	0.5	--	--	NO	15	16	0.054	NO	NO TREND	NA
2-METHYLNAPHTHALENE	SL-05	1	8	0	0.0482	0.5	0.022	0.022	NO	8	16	0.199	NO	NO TREND	NA
2-METHYLNAPHTHALENE	SL-06	0	8	0	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	NA
4,4'-DDD	SL-01	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
4,4'-DDD	SL-02	1	4	0	0.05	0.05	0.0035	0.0035	NO	3	6	0.375	NO	NO TREND	YES
4,4'-DDD	SL-03	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
4,4'-DDD	SL-04	0	8	0	0.0102	0.05	--	--	NO	22	16	0.0028	YES	UPWARD TREND	YES
4,4'-DDD	SL-05	0	8	0	0.0102	0.05	--	--	NO	13	16	0.089	NO	NO TREND	YES
4,4'-DDD	SL-06	0	8	0	0.0102	0.05	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
4,4'-DDE	SL-01	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
4,4'-DDE	SL-02	1	4	0	0.05	0.05	0.0059	0.0059	NO	3	6	0.375	NO	NO TREND	YES
4,4'-DDE	SL-03	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
4,4'-DDE	SL-04	0	8	0	0.0102	0.05	--	--	NO	22	16	0.0028	YES	UPWARD TREND	YES
4,4'-DDE	SL-05	0	8	0	0.0102	0.05	--	--	NO	13	16	0.089	NO	NO TREND	YES
4,4'-DDE	SL-06	0	8	0	0.0102	0.05	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
4,4'-DDT	SL-01	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
4,4'-DDT	SL-02	1	4	0	0.05	0.05	0.0027	0.0027	NO	3	6	0.375	NO	NO TREND	YES
4,4'-DDT	SL-03	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
4,4'-DDT	SL-04	0	8	0	0.0102	0.05	--	--	NO	22	16	0.0028	YES	UPWARD TREND	YES
4,4'-DDT	SL-05	0	8	0	0.0102	0.05	--	--	NO	13	16	0.089	NO	NO TREND	YES
4,4'-DDT	SL-06	0	8	0	0.0102	0.05	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
ACENAPHTHENE	SL-01	0	8	0	0.0526	0.54	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
ACENAPHTHENE	SL-02	1	4	0	0.5	5	0.021	0.021	NO	-4	6	0.167	NO	NO TREND	YES
ACENAPHTHENE	SL-03	1	8	0	0.051	0.5	0.019	0.019	NO	4	16	0.36	NO	NO TREND	YES
ACENAPHTHENE	SL-04	0	8	0	0.0521	0.5	--	--	NO	18	16	0.016	YES	UPWARD TREND	YES
ACENAPHTHENE	SL-05	1	8	0	0.0482	0.54	0.03	0.03	NO	10	16	0.138	NO	NO TREND	YES
ACENAPHTHENE	SL-06	1	8	0	0.0526	0.5	0.019	0.019	NO	7	16	0.274	NO	NO TREND	YES
ACETONE	SL-01	2	8	0	2.5	5	2.66	23.3	NO	3	16	0.452	NO	NO TREND	YES
ACETONE	SL-02	0	4	0	5	5	--	--	NO	0	6	0.625	NO	NO TREND	YES
ACETONE	SL-03	1	8	0	2.5	5	2.67	2.67	NO	9	16	0.199	NO	NO TREND	YES
ACETONE	SL-04	2	8	0	2.5	5	3.66	12	NO	10	16	0.138	NO	NO TREND	YES
ACETONE	SL-05	2	8	0	2.5	5	2.55	2.86	NO	1	16	0.548	NO	NO TREND	YES
ACETONE	SL-06	0	8	0	2.5	5	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
ALUMINUM	SL-01	5	8	0	0.44	100	41	150	NO	-13	16	0.089	NO	NO TREND	YES
ALUMINUM	SL-02	4	4	2	--	--	890	12000	NO	-2	6	0.375	NO	NO TREND	NO
ALUMINUM	SL-03	8	8	0	--	--	379	2100	NO	0	16	0.548	NO	NO TREND	YES

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
ALUMINUM	SL-04	4	8	0	20	100	62	623	NO	-18	16	0.016	YES	DOWNWARD TREND	YES
ALUMINUM	SL-05	2	8	0	20	140	45	98.05	NO	-7	16	0.274	NO	NO TREND	YES
ALUMINUM	SL-06	6	8	1	50	50	48	4820	NO	7	16	0.274	NO	NO TREND	NO
AMMONIA-N	SL-01	8	8	0	--	--	0.17	0.437	NO	-6	16	0.274	NO	NO TREND	YES
AMMONIA-N	SL-02	4	4	0	--	--	0.3	0.36	NO	3	6	0.375	NO	NO TREND	YES
AMMONIA-N	SL-03	8	8	0	--	--	0.341	0.6	NO	4	16	0.36	NO	NO TREND	YES
AMMONIA-N	SL-04	8	8	0	--	--	0.16	0.326	NO	-14	16	0.054	NO	NO TREND	YES
AMMONIA-N	SL-05	8	8	0	--	--	13.9	22.5	NO	-3	16	0.452	NO	NO TREND	YES
AMMONIA-N	SL-06	8	8	0	--	--	0.23	0.459	NO	-8	16	0.199	NO	NO TREND	YES
ANTIMONY	SL-01	3	8	0	0.25	1	0.38	0.416	NO	3	16	0.452	NO	NO TREND	YES
ANTIMONY	SL-02	0	4	0	0.42	1	--	--	NO	0	6	0.625	NO	NO TREND	YES
ANTIMONY	SL-03	2	8	0	0.25	1	0.286	3.91	NO	0	16	0.548	NO	NO TREND	YES
ANTIMONY	SL-04	2	8	0	0.25	1	0.685	1.2	NO	-1	16	0.548	NO	NO TREND	YES
ANTIMONY	SL-05	3	8	0	0.25	0.68	0.2865	0.622	NO	-14	16	0.054	NO	NO TREND	YES
ANTIMONY	SL-06	3	8	0	0.25	0.57	0.289	3.71	NO	-1	16	0.548	NO	NO TREND	YES
ARSENIC	SL-01	3	8	0	0.74	5	0.69	1.1	NO	-18	16	0.016	YES	DOWNWARD TREND	YES
ARSENIC	SL-02	4	4	0	--	--	3.9	12	NO	-2	6	0.375	NO	NO TREND	YES
ARSENIC	SL-03	6	8	0	5	5	2.2	6.59	NO	-15	16	0.054	NO	NO TREND	YES
ARSENIC	SL-04	3	8	0	0.74	5	0.37	7.25	NO	-16	16	0.031	YES	DOWNWARD TREND	YES
ARSENIC	SL-05	5	8	0	5	5	0.7	8.83	NO	-17	16	0.031	YES	DOWNWARD TREND	YES
ARSENIC	SL-06	5	8	1	5	5	20	56	NO	5	16	0.36	NO	NO TREND	NO
BARIUM	SL-01	8	8	0	--	--	49.3	77	NO	4	16	0.36	NO	NO TREND	YES
BARIUM	SL-02	4	4	0	--	--	62	120	NO	-1	6	0.625	NO	NO TREND	YES
BARIUM	SL-03	8	8	0	--	--	19	50.6	NO	-14	16	0.054	NO	NO TREND	YES
BARIUM	SL-04	8	8	0	--	--	65	86.1	NO	-18	16	0.016	YES	DOWNWARD TREND	YES
BARIUM	SL-05	8	8	0	--	--	350	430	NO	-10	16	0.138	NO	NO TREND	YES
BARIUM	SL-06	8	8	0	--	--	50	130	NO	10	16	0.138	NO	NO TREND	YES
BENZALDEHYDE	SL-01	0	8	0	0.5	2.58	--	--	NO	-16	16	0.031	YES	DOWNWARD TREND	NA
BENZALDEHYDE	SL-02	0	4	0	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	NA
BENZALDEHYDE	SL-03	0	8	0	0.5	2.58	--	--	NO	-13	16	0.089	NO	NO TREND	NA
BENZALDEHYDE	SL-04	0	8	0	0.5	2.78	--	--	NO	-12	16	0.089	NO	NO TREND	NA
BENZALDEHYDE	SL-05	1	8	0	0.5	2.625	0.125	0.125	NO	-22	16	0.0028	YES	DOWNWARD TREND[3]	NA
BENZALDEHYDE	SL-06	0	8	0	0.5	2.55	--	--	NO	-13	16	0.089	NO	NO TREND	NA
BENZENE	SL-01	0	8	0	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
BENZENE	SL-02	0	4	0	1	1	--	--	NO	0	6	0.625	NO	NO TREND	YES
BENZENE	SL-03	0	8	0	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
BENZENE	SL-04	1	8	0	0.125	1	0.4735	0.4735	NO	17	16	0.031	YES	UPWARD TREND[3]	YES
BENZENE	SL-05	0	8	0	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
BENZENE	SL-06	0	8	0	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
BENZO(A)ANTHRACENE	SL-01	2	8	2	0.0526	0.54	0.05	0.052	NO	15	16	0.054	NO	NO TREND	NO
BENZO(A)ANTHRACENE	SL-02	0	4	4	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	NO
BENZO(A)ANTHRACENE	SL-03	1	8	3	0.051	0.5	0.051	0.051	NO	10	16	0.138	NO	NO TREND	NO
BENZO(A)ANTHRACENE	SL-04	0	8	4	0.0521	0.5	--	--	NO	15	16	0.054	NO	NO TREND	NO
BENZO(A)ANTHRACENE	SL-05	0	8	4	0.0482	0.54	--	--	NO	10	16	0.138	NO	NO TREND	NO
BENZO(A)ANTHRACENE	SL-06	0	8	4	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	NO
BENZO(K)FLUORANTHENE	SL-01	0	8	4	0.0526	0.54	--	--	NO	16	16	0.031	YES	UPWARD TREND	NO
BENZO(K)FLUORANTHENE	SL-02	0	4	4	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	NO
BENZO(K)FLUORANTHENE	SL-03	1	8	3	0.051	0.5	0.061	0.061	NO	10	16	0.138	NO	NO TREND	NO
BENZO(K)FLUORANTHENE	SL-04	0	8	4	0.0521	0.5	--	--	NO	15	16	0.054	NO	NO TREND	NO
BENZO(K)FLUORANTHENE	SL-05	0	8	4	0.0482	0.54	--	--	NO	10	16	0.138	NO	NO TREND	NO
BENZO(K)FLUORANTHENE	SL-06	0	8	4	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	NO
BERYLLIUM	SL-01	0	8	0	0.23	1	--	--	NO	-7	16	0.274	NO	NO TREND	YES
BERYLLIUM	SL-02	2	4	0	0.23	0.31	0.36	0.8	NO	-2	6	0.375	NO	NO TREND	YES
BERYLLIUM	SL-03	0	8	0	0.23	1	--	--	NO	-7	16	0.274	NO	NO TREND	YES
BERYLLIUM	SL-04	0	8	0	0.23	1	--	--	NO	-7	16	0.274	NO	NO TREND	YES
BERYLLIUM	SL-05	0	8	0	0.23	1	--	--	NO	-7	16	0.274	NO	NO TREND	YES
BERYLLIUM	SL-06	1	8	0	0.23	1	0.571	0.571	NO	-10	16	0.138	NO	NO TREND	YES

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
BIOCHEMICAL OXYGEN DEMAND	SL-01	8	8	0	--	--	6.1	8.4	NO	1	16	0.548	NO	NO TREND	NA
BIOCHEMICAL OXYGEN DEMAND	SL-02	0	4	0	2	20	--	--	NO	-3	6	0.375	NO	NO TREND	NA
BIOCHEMICAL OXYGEN DEMAND	SL-03	8	8	0	--	--	4	12	NO	24	16	0.00087	YES	UPWARD TREND	NA
BIOCHEMICAL OXYGEN DEMAND	SL-04	0	8	0	1	2	--	--	NO	16	16	0.031	YES	UPWARD TREND	NA
BIOCHEMICAL OXYGEN DEMAND	SL-05	5	8	0	2	2	1.51	4.05	NO	-7	16	0.274	NO	NO TREND	NA
BIOCHEMICAL OXYGEN DEMAND	SL-06	0	8	0	1	2	--	--	NO	16	16	0.031	YES	UPWARD TREND	NA
BIS(2-ETHYLHEXYL)PHTHALATE	SL-01	0	8	0	0.5	2.58	--	--	NO	-16	16	0.031	YES	DOWNWARD TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	SL-02	1	4	0	0.5	5	2.1	2.1	NO	-4	6	0.167	NO	NO TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	SL-03	1	8	0	0.5	2.58	2.5	2.5	NO	-4	16	0.36	NO	NO TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	SL-04	0	8	0	0.5	2.78	--	--	NO	-12	16	0.089	NO	NO TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	SL-05	0	8	0	0.5	2.625	--	--	NO	-20	16	0.0071	YES	DOWNWARD TREND	YES
BIS(2-ETHYLHEXYL)PHTHALATE	SL-06	0	8	0	0.5	2.55	--	--	NO	-13	16	0.089	NO	NO TREND	YES
BUTYL BENZYL PHTHALATE	SL-01	0	8	0	1	2.58	--	--	NO	-16	16	0.031	YES	DOWNWARD TREND	YES
BUTYL BENZYL PHTHALATE	SL-02	0	4	0	1	5	--	--	NO	-5	6	0.167	NO	NO TREND	YES
BUTYL BENZYL PHTHALATE	SL-03	1	8	0	1	2.58	0.1	0.1	NO	-16	16	0.031	YES	DOWNWARD TREND[3]	YES
BUTYL BENZYL PHTHALATE	SL-04	0	8	0	1	2.78	--	--	NO	-12	16	0.089	NO	NO TREND	YES
BUTYL BENZYL PHTHALATE	SL-05	0	8	0	0.565	2.625	--	--	NO	-22	16	0.0028	YES	DOWNWARD TREND	YES
BUTYL BENZYL PHTHALATE	SL-06	1	8	0	1	2.55	0.071	0.071	NO	-16	16	0.031	YES	DOWNWARD TREND[3]	YES
CADMIUM	SL-01	0	8	0	0.056	2.5	--	--	NO	-15	16	0.054	NO	NO TREND	YES
CADMIUM	SL-02	0	4	0	0.062	0.2	--	--	NO	5	6	0.167	NO	NO TREND	YES
CADMIUM	SL-03	2	8	0	0.056	2.5	0.09	0.44	NO	-18	16	0.016	YES	DOWNWARD TREND	YES
CADMIUM	SL-04	1	8	0	0.056	2.5	0.0695	0.0695	NO	-16	16	0.031	YES	DOWNWARD TREND[3]	YES
CADMIUM	SL-05	1	8	0	0.056	2.5	0.064	0.064	NO	-16	16	0.031	YES	DOWNWARD TREND[3]	YES
CADMIUM	SL-06	1	8	0	0.056	2.5	0.091	0.091	NO	-16	16	0.031	YES	DOWNWARD TREND[3]	YES
CALCIUM	SL-01	8	8	0	--	--	41900	170000	YES	5	16	0.36	NO	NO TREND	NA
CALCIUM	SL-02	4	4	0	--	--	58000	82000	NO	-2	6	0.375	NO	NO TREND	NA
CALCIUM	SL-03	8	8	0	--	--	73600	91000	NO	8	16	0.199	NO	NO TREND	NA
CALCIUM	SL-04	8	8	0	--	--	71900	89000	NO	4	16	0.36	NO	NO TREND	NA
CALCIUM	SL-05	8	8	0	--	--	200000	230000	NO	2	16	0.452	NO	NO TREND	NA
CALCIUM	SL-06	8	8	0	--	--	129000	178000	NO	-9	16	0.199	NO	NO TREND	NA
CAPROLACTAM	SL-01	0	8	0	1	2.58	--	--	NO	-16	16	0.031	YES	DOWNWARD TREND	YES
CAPROLACTAM	SL-02	3	4	0	1	1	0.18	31	NO	-6	6	0.042	YES	DOWNWARD TREND	YES
CAPROLACTAM	SL-03	0	7	0	1	2.58	--	--	NO	-9	13	0.119	NO	NO TREND	YES
CAPROLACTAM	SL-04	0	7	0	1	2.78	--	--	NO	-8	13	0.119	NO	NO TREND	YES
CAPROLACTAM	SL-05	1	8	0	1	2.625	0.15	0.15	NO	-18	16	0.016	YES	DOWNWARD TREND[3]	YES
CAPROLACTAM	SL-06	0	7	0	1	2.55	--	--	NO	-9	13	0.119	NO	NO TREND	YES
CHEMICAL OXYGEN DEMAND	SL-01	5	7	0	10	10	4.7	19.6	NO	-8	13	0.119	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	SL-02	3	4	0	7	7	6.1	13	NO	4	6	0.167	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	SL-03	3	7	0	10	10	4.1	12	NO	3	13	0.386	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	SL-04	4	7	0	10	10	4.55	11.9	NO	2	13	0.386	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	SL-05	7	8	0	54	54	33	68	NO	-13	16	0.089	NO	NO TREND	NA
CHEMICAL OXYGEN DEMAND	SL-06	7	8	0	2.2	2.2	7.4	37	NO	0	16	0.548	NO	NO TREND	NA
CHLORIDE	SL-01	8	8	0	--	--	1.82	21	NO	12	16	0.089	NO	NO TREND	YES
CHLORIDE	SL-02	4	4	4	--	--	580	590	NO	1	6	0.625	NO	NO TREND	NO
CHLORIDE	SL-03	8	8	0	--	--	10	38	NO	-9	16	0.199	NO	NO TREND	YES
CHLORIDE	SL-04	8	8	0	--	--	12.5	25.65	NO	1	16	0.548	NO	NO TREND	YES
CHLORIDE	SL-05	8	8	0	--	--	140	180	NO	11	16	0.138	NO	NO TREND	YES
CHLORIDE	SL-06	8	8	0	--	--	78	145	NO	-2	16	0.452	NO	NO TREND	YES
CHLOROFORM	SL-01	0	8	4	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	NO
CHLOROFORM	SL-02	0	4	4	1	1	--	--	NO	0	6	0.625	NO	NO TREND	NO
CHLOROFORM	SL-03	1	8	4	0.125	1	0.199	0.199	NO	15	16	0.054	NO	NO TREND	NO
CHLOROFORM	SL-04	0	8	4	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	NO
CHLOROFORM	SL-05	0	8	4	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	NO
CHLOROFORM	SL-06	0	8	4	0.125	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	NO
CHLOROMETHANE	SL-01	0	8	0	0.25	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
CHLOROMETHANE	SL-02	0	4	0	1	1	--	--	NO	0	6	0.625	NO	NO TREND	YES
CHLOROMETHANE	SL-03	0	8	0	0.25	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
CHLOROMETHANE	SL-04	1	8	0	0.25	1	1.107	1.107	NO	11	16	0.138	NO	NO TREND	YES
CHLOROMETHANE	SL-05	1	8	1	0.25	1	16.1	16.1	NO	11	16	0.138	NO	NO TREND	NO
CHLOROMETHANE	SL-06	1	8	0	0.25	1	0.7	0.7	NO	11	16	0.138	NO	NO TREND	YES
CHROMIUM	SL-01	1	8	0	0.31	2.5	0.76	0.76	NO	-13	16	0.089	NO	NO TREND	YES
CHROMIUM	SL-02	3	4	0	0.31	0.31	2.2	15	NO	0	6	0.625	NO	NO TREND	YES
CHROMIUM	SL-03	2	8	0	0.31	3.1	0.9	1.9	NO	0	16	0.548	NO	NO TREND	YES
CHROMIUM	SL-04	1	8	0	0.31	2.5	0.44	0.44	NO	-11	16	0.138	NO	NO TREND	YES
CHROMIUM	SL-05	2	8	0	0.31	2.5	0.72	0.735	NO	-11	16	0.138	NO	NO TREND	YES
CHROMIUM	SL-06	3	8	0	0.31	2.5	0.35	8.24	NO	-14	16	0.054	NO	NO TREND	YES
CHRYSENE	SL-01	1	8	0	0.0526	0.54	0.052	0.052	NO	14	16	0.054	NO	NO TREND	YES
CHRYSENE	SL-02	0	4	1	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	NO
CHRYSENE	SL-03	1	8	0	0.051	0.5	0.051	0.051	NO	10	16	0.138	NO	NO TREND	YES
CHRYSENE	SL-04	1	8	0	0.0521	0.5	0.2645	0.2645	NO	12	16	0.089	NO	NO TREND	YES
CHRYSENE	SL-05	0	8	0	0.0482	0.54	--	--	NO	10	16	0.138	NO	NO TREND	YES
CHRYSENE	SL-06	0	8	0	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
COBALT	SL-01	4	8	0	2.5	2.5	0.16	1.2	NO	-18	16	0.016	YES	DOWNWARD TREND	YES
COBALT	SL-02	4	4	0	--	--	0.56	5.9	NO	-2	6	0.375	NO	NO TREND	YES
COBALT	SL-03	4	8	0	2.5	2.5	0.42	1.6	NO	-4	16	0.36	NO	NO TREND	YES
COBALT	SL-04	4	8	0	2.5	2.5	0.58	1.4	NO	-14	16	0.054	NO	NO TREND	YES
COBALT	SL-05	4	8	0	2.5	2.5	1.75	2.3	NO	14	16	0.054	NO	NO TREND	YES
COBALT	SL-06	5	8	0	2.5	2.5	0.88	3.27	NO	-11	16	0.138	NO	NO TREND	YES
COPPER	SL-01	4	8	0	5	5	0.63	1.6	NO	-18	16	0.016	YES	DOWNWARD TREND	YES
COPPER	SL-02	4	4	0	--	--	1.5	18	NO	-2	6	0.375	NO	NO TREND	YES
COPPER	SL-03	4	8	0	5	5	1.6	4	NO	6	16	0.274	NO	NO TREND	YES
COPPER	SL-04	4	8	0	5	5	1.5	3.05	NO	-12	16	0.089	NO	NO TREND	YES
COPPER	SL-05	4	8	0	5	5	0.82	2.7	NO	-8	16	0.199	NO	NO TREND	YES
COPPER	SL-06	5	8	0	5	5	1.4	9.92	NO	-19	16	0.016	YES	DOWNWARD TREND	YES
DI-N-BUTYL PHTHALATE	SL-01	0	8	0	1	3.3	--	--	NO	-6	16	0.274	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	SL-02	0	4	0	1	10	--	--	NO	-4	6	0.167	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	SL-03	0	8	0	1	3.2	--	--	NO	-4	16	0.36	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	SL-04	0	8	0	1	2.78	--	--	NO	-11	16	0.138	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	SL-05	0	8	0	1	3.9	--	--	NO	-10	16	0.138	NO	NO TREND	YES
DI-N-BUTYL PHTHALATE	SL-06	1	8	0	1	2.55	0.49	0.49	NO	-10	16	0.138	NO	NO TREND	YES
ENDRIN KETONE	SL-01	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
ENDRIN KETONE	SL-02	0	4	0	0.05	0.05	--	--	NO	0	6	0.625	NO	NO TREND	YES
ENDRIN KETONE	SL-03	0	8	0	0.0102	0.05	--	--	NO	19	16	0.016	YES	UPWARD TREND	YES
ENDRIN KETONE	SL-04	0	8	0	0.0102	0.05	--	--	NO	22	16	0.0028	YES	UPWARD TREND	YES
ENDRIN KETONE	SL-05	0	8	0	0.0102	0.05	--	--	NO	13	16	0.089	NO	NO TREND	YES
ENDRIN KETONE	SL-06	1	8	0	0.0102	0.05	0.0067	0.0067	NO	19	16	0.016	YES	UPWARD TREND[3]	YES
FECAL COLIFORM	SL-01	0	8	0	2	2	--	--	NO	0	16	0.548	NO	NO TREND	NA
FECAL COLIFORM	SL-02	1	4	0	2	2	887	887	NO	-3	6	0.375	NO	NO TREND	NA
FECAL COLIFORM	SL-03	0	8	0	2	2	--	--	NO	0	16	0.548	NO	NO TREND	NA
FECAL COLIFORM	SL-04	0	8	0	2	2	--	--	NO	0	16	0.548	NO	NO TREND	NA
FECAL COLIFORM	SL-05	0	8	0	2	2	--	--	NO	0	16	0.548	NO	NO TREND	NA
FECAL COLIFORM	SL-06	0	8	0	1	10	--	--	NO	7	16	0.274	NO	NO TREND	NA
FLUORANTHENE	SL-01	2	8	0	0.0526	0.54	0.02	0.042	NO	7	16	0.274	NO	NO TREND	YES
FLUORANTHENE	SL-02	0	4	0	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	YES
FLUORANTHENE	SL-03	1	8	0	0.051	0.5	0.03	0.03	NO	10	16	0.138	NO	NO TREND	YES
FLUORANTHENE	SL-04	1	8	0	0.0521	0.5	0.2595	0.2595	NO	12	16	0.089	NO	NO TREND	YES
FLUORANTHENE	SL-05	0	8	0	0.0482	0.54	--	--	NO	10	16	0.138	NO	NO TREND	YES
FLUORANTHENE	SL-06	0	8	0	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
FLUORIDE	SL-01	8	8	0	--	--	0.4	0.75	YES	-3	16	0.452	NO	NO TREND	YES
FLUORIDE	SL-02	4	4	0	--	--	0.44	0.54	NO	-5	6	0.167	NO	NO TREND	YES
FLUORIDE	SL-03	8	8	0	--	--	0.625	0.79	NO	1	16	0.548	NO	NO TREND	YES
FLUORIDE	SL-04	8	8	0	--	--	0.5635	0.654	NO	-6	16	0.274	NO	NO TREND	YES
FLUORIDE	SL-05	8	8	0	--	--	0.21	0.295	NO	-15	16	0.054	NO	NO TREND	YES
FLUORIDE	SL-06	8	8	0	--	--	0.31	0.422	NO	-18	16	0.016	YES	DOWNWARD TREND	YES

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
HEXAVALENT CHROMIUM	SL-01	1	8	0	0.0041	0.01	0.0051	0.0051	NO	1	16	0.548	NO	NO TREND	YES
HEXAVALENT CHROMIUM	SL-02	0	4	0	0.0041	0.01	--	--	NO	3	6	0.375	NO	NO TREND	YES
HEXAVALENT CHROMIUM	SL-03	1	8	0	0.0041	0.01	0.00511	0.00511	NO	-4	16	0.36	NO	NO TREND	YES
HEXAVALENT CHROMIUM	SL-04	1	8	0	0.0041	0.01	0.0076	0.0076	NO	-1	16	0.548	NO	NO TREND	YES
HEXAVALENT CHROMIUM	SL-05	0	8	0	0.0041	0.01	--	--	NO	-5	16	0.36	NO	NO TREND	YES
HEXAVALENT CHROMIUM	SL-06	1	8	0	0.0041	0.01	0.0073	0.0073	NO	3	16	0.452	NO	NO TREND	YES
IRON	SL-01	8	8	0	--	--	470	2300	NO	16	16	0.031	YES	UPWARD TREND	YES
IRON	SL-02	4	4	2	--	--	1000	11000	NO	-2	6	0.375	NO	NO TREND	NO
IRON	SL-03	8	8	0	--	--	1500	3600	NO	0	16	0.548	NO	NO TREND	YES
IRON	SL-04	8	8	0	--	--	92.6	985	NO	-8	16	0.199	NO	NO TREND	YES
IRON	SL-05	8	8	8	--	--	12000	16000	NO	-2	16	0.452	NO	NO TREND	NO
IRON	SL-06	8	8	6	--	--	3690	54000	NO	10	16	0.138	NO	NO TREND	NO
LEAD	SL-01	1	8	0	0.33	2.5	0.4	0.4	NO	-11	16	0.138	NO	NO TREND	YES
LEAD	SL-02	4	4	1	--	--	0.57	14	NO	-2	6	0.375	NO	NO TREND	NO
LEAD	SL-03	4	8	0	2.5	2.5	0.47	1.5	NO	-6	16	0.274	NO	NO TREND	YES
LEAD	SL-04	0	8	0	0.29	2.5	--	--	NO	-15	16	0.054	NO	NO TREND	YES
LEAD	SL-05	2	8	0	0.29	2.5	0.395	0.94	NO	-18	16	0.016	YES	DOWNWARD TREND	YES
LEAD	SL-06	3	8	1	0.33	50	0.43	0.67	NO	-13	16	0.089	NO	NO TREND	NO
MAGNESIUM	SL-01	8	8	0	--	--	39900	87000	YES	3	16	0.452	NO	NO TREND	NA
MAGNESIUM	SL-02	4	4	0	--	--	88000	100000	NO	-5	6	0.167	NO	NO TREND	NA
MAGNESIUM	SL-03	8	8	0	--	--	67700	83000	NO	8	16	0.199	NO	NO TREND	NA
MAGNESIUM	SL-04	8	8	0	--	--	50100	58100	NO	3	16	0.452	NO	NO TREND	NA
MAGNESIUM	SL-05	8	8	0	--	--	85500	98700	NO	-8	16	0.199	NO	NO TREND	NA
MAGNESIUM	SL-06	8	8	0	--	--	44000	63400	NO	-8	16	0.199	NO	NO TREND	NA
MANGANESE	SL-01	8	8	3	--	--	16.3	386	YES	3	16	0.452	NO	NO TREND	NO
MANGANESE	SL-02	4	4	1	--	--	41	170	NO	0	6	0.625	NO	NO TREND	NO
MANGANESE	SL-03	8	8	0	--	--	36	88	NO	-8	16	0.199	NO	NO TREND	YES
MANGANESE	SL-04	8	8	0	--	--	22	77.2	NO	-26	16	0.00019	YES	DOWNWARD TREND	YES
MANGANESE	SL-05	8	8	8	--	--	318	460	NO	11	16	0.138	NO	NO TREND	NO
MANGANESE	SL-06	8	8	8	--	--	510	844	NO	-4	16	0.36	NO	NO TREND	NO
NAPHTHALENE	SL-01	3	8	0	0.0526	0.5	0.03	0.065	NO	16	16	0.031	YES	UPWARD TREND	YES
NAPHTHALENE	SL-02	0	4	0	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	YES
NAPHTHALENE	SL-03	1	8	0	0.051	0.5	0.049	0.049	NO	16	16	0.031	YES	UPWARD TREND[3]	YES
NAPHTHALENE	SL-04	2	8	0	0.0521	0.5	0.0295	0.0535	NO	16	16	0.031	YES	UPWARD TREND	YES
NAPHTHALENE	SL-05	1	8	0	0.0482	0.5	0.043	0.043	NO	16	16	0.031	YES	UPWARD TREND[3]	YES
NAPHTHALENE	SL-06	2	8	0	0.0526	0.5	0.061	0.0859	NO	16	16	0.031	YES	UPWARD TREND	YES
NICKEL	SL-01	4	8	0	5	5	0.66	3	NO	-8	16	0.199	NO	NO TREND	YES
NICKEL	SL-02	4	4	0	--	--	2.5	19	NO	0	6	0.625	NO	NO TREND	YES
NICKEL	SL-03	4	8	0	5	5	2.2	6.5	NO	4	16	0.36	NO	NO TREND	YES
NICKEL	SL-04	5	8	0	5	5	2.9	8.5	NO	7	16	0.274	NO	NO TREND	YES
NICKEL	SL-05	8	8	0	--	--	8.11	17	NO	5	16	0.36	NO	NO TREND	YES
NICKEL	SL-06	5	8	0	5	5	2.05	10.1	NO	3	16	0.452	NO	NO TREND	YES
NITRATE	SL-01	1	4	0	0.025	0.025	0.059	0.059	NO	-1	6	0.625	NO	NO TREND	YES
NITRATE	SL-03	0	4	0	0.025	0.025	--	--	NO	0	6	0.625	NO	NO TREND	YES
NITRATE	SL-04	4	4	0	--	--	0.036	0.488	NO	6	6	0.042	YES	UPWARD TREND	YES
NITRATE	SL-05	1	4	0	0.025	0.025	0.048	0.048	NO	1	6	0.625	NO	NO TREND	YES
NITRATE	SL-06	2	4	0	0.025	0.025	0.04	0.053	NO	-3	6	0.375	NO	NO TREND	YES
NITRATE-N	SL-01	1	4	0	0.016	0.029	0.034	0.034	NO	0	6	0.625	NO	NO TREND	YES
NITRATE-N	SL-02	3	4	0	0.02	0.02	0.039	0.17	NO	-6	6	0.042	YES	DOWNWARD TREND	YES
NITRATE-N	SL-03	1	4	0	0.016	0.029	0.054	0.054	NO	0	6	0.625	NO	NO TREND	YES
NITRATE-N	SL-04	4	4	0	--	--	0.19	0.51	NO	-4	6	0.167	NO	NO TREND	YES
NITRATE-N	SL-05	1	4	0	0.016	0.029	0.064	0.064	NO	0	6	0.625	NO	NO TREND	YES
NITRATE-N	SL-06	1	4	0	0.016	0.029	0.024	0.024	NO	0	6	0.625	NO	NO TREND	YES
NITRITE_NITRATE-N	SL-01	0	4	0	0.016	0.034	--	--	NO	0	6	0.625	NO	NO TREND	YES
NITRITE_NITRATE-N	SL-02	2	4	0	0.02	0.039	0.053	0.17	NO	-6	6	0.042	YES	DOWNWARD TREND	YES
NITRITE_NITRATE-N	SL-03	0	4	0	0.016	0.054	--	--	NO	0	6	0.625	NO	NO TREND	YES
NITRITE_NITRATE-N	SL-04	3	4	0	0.285	0.285	0.2	0.51	NO	-2	6	0.375	NO	NO TREND	YES

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
NITRITE_NITRATE-N	SL-05	0	4	0	0.016	0.064	--	--	NO	0	6	0.625	NO	NO TREND	YES
NITRITE_NITRATE-N	SL-06	1	4	0	0.02	0.029	0.019	0.019	NO	-4	6	0.167	NO	NO TREND	YES
NITRITE-N	SL-01	2	4	0	0.0029	0.0042	0.003	0.0075	NO	-2	6	0.375	NO	NO TREND	YES
NITRITE-N	SL-02	2	4	0	0.0029	0.0042	0.0038	0.0048	NO	-4	6	0.167	NO	NO TREND	YES
NITRITE-N	SL-03	1	4	0	0.0029	0.0042	0.0053	0.0053	NO	1	6	0.625	NO	NO TREND	YES
NITRITE-N	SL-04	3	4	0	0.0029	0.0029	0.0041	0.0066	NO	0	6	0.625	NO	NO TREND	YES
NITRITE-N	SL-05	3	4	0	0.0029	0.0029	0.0034	0.0043	NO	2	6	0.375	NO	NO TREND	YES
NITRITE-N	SL-06	3	4	0	0.0042	0.0042	0.003	0.0066	NO	-4	6	0.167	NO	NO TREND	YES
OIL & GREASE - HEM	SL-01	0	8	0	0.83	5	--	--	NO	10	16	0.138	NO	NO TREND	NA
OIL & GREASE - HEM	SL-02	1	4	0	0.83	5	1.3	1.3	NO	1	6	0.625	NO	NO TREND	NA
OIL & GREASE - HEM	SL-03	0	8	0	0.83	5	--	--	NO	10	16	0.138	NO	NO TREND	NA
OIL & GREASE - HEM	SL-04	0	8	0	0.83	5	--	--	NO	13	16	0.089	NO	NO TREND	NA
OIL & GREASE - HEM	SL-05	1	8	0	2.55	5	1.1	1.1	NO	6	16	0.274	NO	NO TREND	NA
OIL & GREASE - HEM	SL-06	0	8	0	0.83	5	--	--	NO	10	16	0.138	NO	NO TREND	NA
PENTACHLOROPHENOL	SL-01	0	4	0	0.1	0.1	--	--	NO	0	6	0.625	NO	NO TREND	YES
PENTACHLOROPHENOL	SL-03	1	4	0	0.1	0.105	0.251	0.251	NO	1	6	0.625	NO	NO TREND	YES
PENTACHLOROPHENOL	SL-04	1	4	0	0.1	0.109	0.3335	0.3335	NO	2	6	0.375	NO	NO TREND	YES
PENTACHLOROPHENOL	SL-05	1	4	0	0.1	0.105	0.408	0.408	NO	0	6	0.625	NO	NO TREND	YES
PENTACHLOROPHENOL	SL-06	0	4	0	0.1	0.1	--	--	NO	0	6	0.625	NO	NO TREND	YES
PH	SL-01	8	8	0	--	--	6.75	7.37	NO	-10	16	0.138	NO	NO TREND	YES
PH	SL-02	3	3	0	--	--	8.08	8.57	NO	-1	NA	NA	NA	NA	NO
PH	SL-03	8	8	0	--	--	6.92	7.72	NO	8	16	0.199	NO	NO TREND	YES
PH	SL-04	8	8	0	--	--	6.81	7.275	NO	-13	16	0.089	NO	NO TREND	YES
PH	SL-05	8	8	0	--	--	6.51	7.13	NO	-2	16	0.452	NO	NO TREND	YES
PH	SL-06	8	8	0	--	--	6.72	7.05	NO	3	16	0.452	NO	NO TREND	YES
PHENANTHRENE	SL-01	1	8	0	0.0526	0.54	0.021	0.021	NO	6	16	0.274	NO	NO TREND	NA
PHENANTHRENE	SL-02	0	4	0	0.5	10	--	--	NO	-5	6	0.167	NO	NO TREND	NA
PHENANTHRENE	SL-03	1	8	0	0.051	0.5	0.02	0.02	NO	2	16	0.452	NO	NO TREND	NA
PHENANTHRENE	SL-04	0	8	0	0.0521	0.5	--	--	NO	15	16	0.054	NO	NO TREND	NA
PHENANTHRENE	SL-05	1	8	0	0.0482	0.54	0.02	0.02	NO	1	16	0.548	NO	NO TREND	NA
PHENANTHRENE	SL-06	0	8	0	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	NA
POTASSIUM	SL-01	8	8	0	--	--	1300	2000	NO	-2	16	0.452	NO	NO TREND	NA
POTASSIUM	SL-02	4	4	0	--	--	3500	5700	NO	-2	6	0.375	NO	NO TREND	NA
POTASSIUM	SL-03	8	8	0	--	--	2300	3910	NO	-7	16	0.274	NO	NO TREND	NA
POTASSIUM	SL-04	8	8	0	--	--	1900	2400	NO	-12	16	0.089	NO	NO TREND	NA
POTASSIUM	SL-05	8	8	0	--	--	6790	8000	NO	12	16	0.089	NO	NO TREND	NA
POTASSIUM	SL-06	8	8	0	--	--	732	3370	NO	4	16	0.36	NO	NO TREND	NA
PYRENE	SL-01	1	8	0	0.0526	0.54	0.052	0.052	NO	14	16	0.054	NO	NO TREND	YES
PYRENE	SL-02	0	4	0	0.5	5	--	--	NO	-5	6	0.167	NO	NO TREND	YES
PYRENE	SL-03	1	8	0	0.051	0.5	0.03	0.03	NO	10	16	0.138	NO	NO TREND	YES
PYRENE	SL-04	0	8	0	0.0521	0.5	--	--	NO	15	16	0.054	NO	NO TREND	YES
PYRENE	SL-05	0	8	0	0.0482	0.54	--	--	NO	10	16	0.138	NO	NO TREND	YES
PYRENE	SL-06	0	8	0	0.0526	0.5	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
SELENIUM	SL-01	1	8	0	0.3	0.92	0.571	0.571	NO	0	16	0.548	NO	NO TREND	YES
SELENIUM	SL-02	1	4	0	0.3	1	1.2	1.2	NO	0	6	0.625	NO	NO TREND	YES
SELENIUM	SL-03	4	8	0	0.3	1	0.535	0.703	NO	-13	16	0.089	NO	NO TREND	YES
SELENIUM	SL-04	2	8	0	0.3	0.92	1.07	2.345	NO	-1	16	0.548	NO	NO TREND	YES
SELENIUM	SL-05	6	8	0	0.92	1.25	0.791	9.305	NO	-16	16	0.031	YES	DOWNWARD TREND	YES
SELENIUM	SL-06	4	8	0	0.3	1	0.869	3.93	NO	-15	16	0.054	NO	NO TREND	YES
SODIUM	SL-01	8	8	0	--	--	31500	44000	NO	0	16	0.548	NO	NO TREND	NA
SODIUM	SL-02	4	4	0	--	--	260000	300000	NO	-1	6	0.625	NO	NO TREND	NA
SODIUM	SL-03	8	8	0	--	--	43200	57000	NO	12	16	0.089	NO	NO TREND	NA
SODIUM	SL-04	8	8	0	--	--	31400	48500	NO	2	16	0.452	NO	NO TREND	NA
SODIUM	SL-05	8	8	0	--	--	95200	110000	NO	13	16	0.089	NO	NO TREND	NA
SODIUM	SL-06	8	8	0	--	--	48000	63600	NO	-14	16	0.054	NO	NO TREND	NA
SULFATE	SL-01	8	8	4	--	--	24.1	370	YES	6	16	0.274	NO	NO TREND	NO
SULFATE	SL-02	4	4	0	--	--	64	120	NO	4	6	0.167	NO	NO TREND	YES

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
SULFATE	SL-03	8	8	5	--	--	211	320	NO	15	16	0.054	NO	NO TREND	NO
SULFATE	SL-04	8	8	0	--	--	80.6	96	NO	10	16	0.138	NO	NO TREND	YES
SULFATE	SL-05	8	8	0	--	--	120	180	NO	2	16	0.452	NO	NO TREND	YES
SULFATE	SL-06	8	8	0	--	--	121	205	NO	-5	16	0.36	NO	NO TREND	YES
THALLIUM	SL-01	1	8	0	0.05	1	1.19	1.19	NO	9	16	0.199	NO	NO TREND	YES
THALLIUM	SL-02	2	4	0	0.05	0.17	0.14	0.28	NO	-2	6	0.375	NO	NO TREND	YES
THALLIUM	SL-03	3	8	0	0.05	1	0.055	0.808	NO	8	16	0.199	NO	NO TREND	YES
THALLIUM	SL-04	4	8	0	0.05	1	0.067	0.128	NO	3	16	0.452	NO	NO TREND	YES
THALLIUM	SL-05	2	8	0	0.05	1	0.307	0.7075	NO	-2	16	0.452	NO	NO TREND	YES
THALLIUM	SL-06	4	8	0	0.05	0.17	0.055	0.924	NO	-14	16	0.054	NO	NO TREND	YES
TOLUENE	SL-01	0	8	0	0.25	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
TOLUENE	SL-02	0	4	0	1	1	--	--	NO	0	6	0.625	NO	NO TREND	YES
TOLUENE	SL-03	1	8	0	0.25	1	0.292	0.292	NO	13	16	0.089	NO	NO TREND	YES
TOLUENE	SL-04	1	8	0	0.25	1	0.15	0.15	NO	17	16	0.031	YES	UPWARD TREND[3]	YES
TOLUENE	SL-05	1	8	0	0.25	1	0.4205	0.4205	NO	13	16	0.089	NO	NO TREND	YES
TOLUENE	SL-06	0	8	0	0.25	1	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
TOTAL DISSOLVED SOLIDS	SL-01	8	8	5	--	--	402	1000	NO	-2	16	0.452	NO	NO TREND	NO
TOTAL DISSOLVED SOLIDS	SL-02	4	4	4	--	--	1200	1300	NO	0	6	0.625	NO	NO TREND	NO
TOTAL DISSOLVED SOLIDS	SL-03	8	8	8	--	--	648	838	NO	-1	16	0.548	NO	NO TREND	NO
TOTAL DISSOLVED SOLIDS	SL-04	8	8	6	--	--	413	662	NO	6	16	0.274	NO	NO TREND	NO
TOTAL DISSOLVED SOLIDS	SL-05	8	8	8	--	--	1100	1250	NO	10	16	0.138	NO	NO TREND	NO
TOTAL DISSOLVED SOLIDS	SL-06	8	8	8	--	--	750	862	NO	-15	16	0.054	NO	NO TREND	NO
TOTAL ESSENTIAL NUTRIENTS	SL-01	8	8	0	--	--	122740	293300	YES	-5	16	0.36	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	SL-02	4	4	0	--	--	416800	467700	NO	-4	6	0.167	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	SL-03	8	8	0	--	--	187120	231400	NO	8	16	0.199	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	SL-04	8	8	0	--	--	155660	193900	NO	4	16	0.36	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	SL-05	8	8	0	--	--	392570	441810	NO	6	16	0.274	NO	NO TREND	YES
TOTAL ESSENTIAL NUTRIENTS	SL-06	8	8	0	--	--	234132	304070	NO	-6	16	0.274	NO	NO TREND	YES
TOTAL ORGANIC CARBON	SL-01	7	8	0	1.4	1.4	2.33	11.5	NO	-4	16	0.36	NO	NO TREND	NA
TOTAL ORGANIC CARBON	SL-02	3	4	0	1.9	1.9	1.6	6.9	NO	-4	6	0.167	NO	NO TREND	NA
TOTAL ORGANIC CARBON	SL-03	7	8	0	1.6	1.6	0.777	2.5	NO	-8	16	0.199	NO	NO TREND	NA
TOTAL ORGANIC CARBON	SL-04	7	8	0	2.2	2.2	1.325	7.37	NO	-11	16	0.138	NO	NO TREND	NA
TOTAL ORGANIC CARBON	SL-05	8	8	0	--	--	4.94	28.55	NO	-10	16	0.138	NO	NO TREND	NA
TOTAL ORGANIC CARBON	SL-06	8	8	0	--	--	4.17	12.6	NO	-2	16	0.452	NO	NO TREND	NA
TOTAL PHENOLICS	SL-01	1	8	0	0.00333	0.05	0.00842	0.00842	NO	9	16	0.199	NO	NO TREND	YES
TOTAL PHENOLICS	SL-02	0	4	0	0.0048	0.05	--	--	NO	0	6	0.625	NO	NO TREND	YES
TOTAL PHENOLICS	SL-03	1	8	0	0.00333	0.05	0.00588	0.00588	NO	9	16	0.199	NO	NO TREND	YES
TOTAL PHENOLICS	SL-04	1	8	0	0.00333	0.05	0.0064	0.0064	NO	15	16	0.054	NO	NO TREND	YES
TOTAL PHENOLICS	SL-05	0	8	0	0.00333	0.05	--	--	NO	16	16	0.031	YES	UPWARD TREND	YES
TOTAL PHENOLICS	SL-06	1	8	0	0.00333	0.05	0.0037	0.0037	NO	9	16	0.199	NO	NO TREND	YES
TOTAL PHOSPHORUS	SL-01	4	7	0	0.05	0.1	0.018	0.077	NO	0	13	0.5	NO	NO TREND	NA
TOTAL PHOSPHORUS	SL-02	4	4	0	--	--	0.02	2.3	NO	-4	6	0.167	NO	NO TREND	NA
TOTAL PHOSPHORUS	SL-03	5	8	0	0.05	0.1	0.024	0.091	NO	-2	16	0.452	NO	NO TREND	NA
TOTAL PHOSPHORUS	SL-04	3	7	0	0.05	0.1	0.021	0.023	NO	-12	13	0.035	YES	DOWNWARD TREND	NA
TOTAL PHOSPHORUS	SL-05	7	8	0	0.05	0.05	0.108	0.355	NO	14	16	0.054	NO	NO TREND	NA
TOTAL PHOSPHORUS	SL-06	7	8	0	0.05	0.05	0.072	2.8	NO	17	16	0.031	YES	UPWARD TREND	NA
TOTAL SUSPENDED SOLIDS	SL-01	7	8	0	2.5	2.5	5	7.5	NO	-5	16	0.36	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	SL-02	4	4	0	--	--	40	750	NO	-6	6	0.042	YES	DOWNWARD TREND	NA
TOTAL SUSPENDED SOLIDS	SL-03	8	8	0	--	--	22.5	78	NO	8	16	0.199	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	SL-04	5	8	0	2.5	3.3	3.9	17.5	NO	-19	16	0.016	YES	DOWNWARD TREND	NA
TOTAL SUSPENDED SOLIDS	SL-05	8	8	0	--	--	30.75	325	NO	9	16	0.199	NO	NO TREND	NA
TOTAL SUSPENDED SOLIDS	SL-06	7	8	0	2.5	2.5	7.5	89	NO	12	16	0.089	NO	NO TREND	NA
VANADIUM	SL-01	2	8	0	0.83	25	0.38	0.54	NO	-14	16	0.054	NO	NO TREND	YES
VANADIUM	SL-02	4	4	0	--	--	1.7	20	NO	-2	6	0.375	NO	NO TREND	YES
VANADIUM	SL-03	5	8	0	5	50	1.2	13.1	NO	-13	16	0.089	NO	NO TREND	YES
VANADIUM	SL-04	1	8	1	0.27	100	13.6	13.6	NO	-14	16	0.054	NO	NO TREND	NO
VANADIUM	SL-05	3	8	0	0.83	50	0.84	15.35	NO	-10	16	0.138	NO	NO TREND	YES

Attachment B.2
Site 3 Supply Side Landfill
Trend Analysis Results

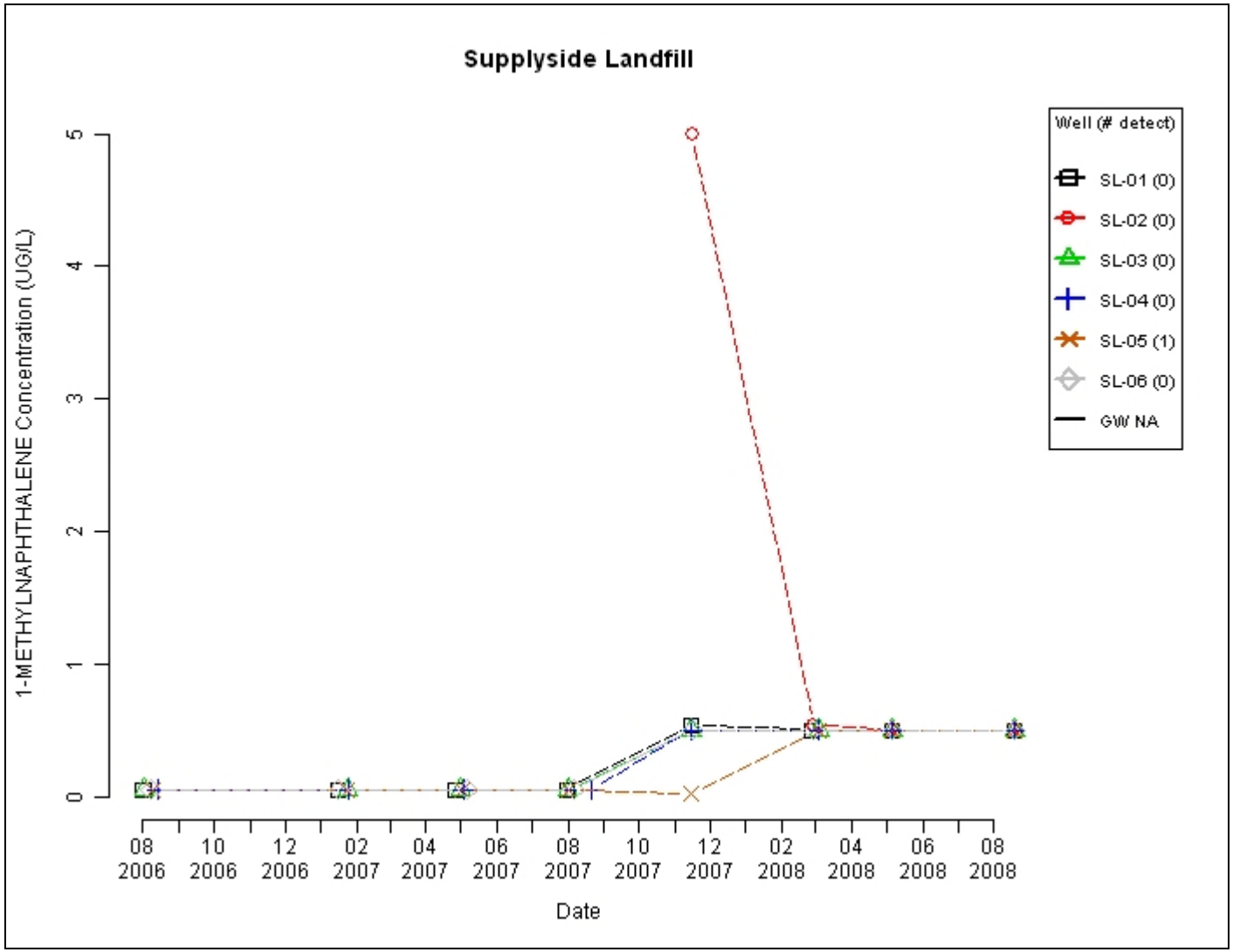
PARAMETER	LOCATION	NUMBER DETECTS	SAMPLE SIZE	NUMBER EXCEEDANCES [1]	MINIMUM NONDETECT	MAXIMUM NONDETECT	MINIMUM DETECT	MAXIMUM DETECT	SEASONALITY	S- STATISTIC	CRITICAL VALUE	P-VALUE	REJECT NULL HYPOTHESIS	CONCLUSION	Below Criteria[2]
VANADIUM	SL-06	3	8	1	0.83	100	1.1	1.2	NO	-14	16	0.054	NO	NO TREND	NO
ZINC	SL-01	1	8	0	0.84	9.1	7.6	7.6	NO	8	16	0.199	NO	NO TREND	YES
ZINC	SL-02	2	4	0	0.84	8.3	22	48	NO	0	6	0.625	NO	NO TREND	YES
ZINC	SL-03	3	8	0	0.84	9	6.34	17	NO	1	16	0.548	NO	NO TREND	YES
ZINC	SL-04	2	8	0	0.84	6.3	5.46	6.01	NO	-15	16	0.054	NO	NO TREND	YES
ZINC	SL-05	1	8	0	0.84	6.45	8	8	NO	0	16	0.548	NO	NO TREND	YES
ZINC	SL-06	2	8	0	0.84	7.3	6.8	32.6	NO	-7	16	0.274	NO	NO TREND	YES

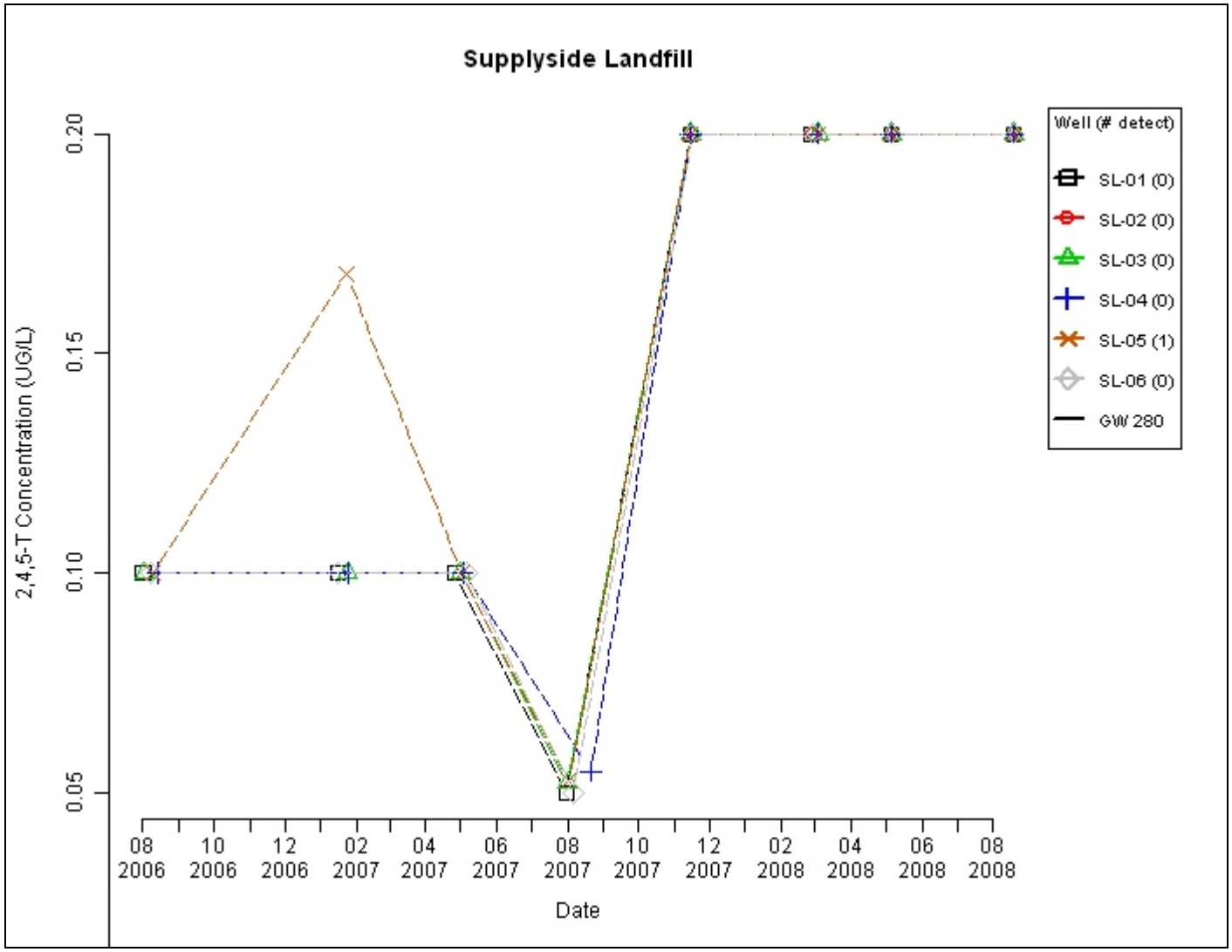
Footnotes

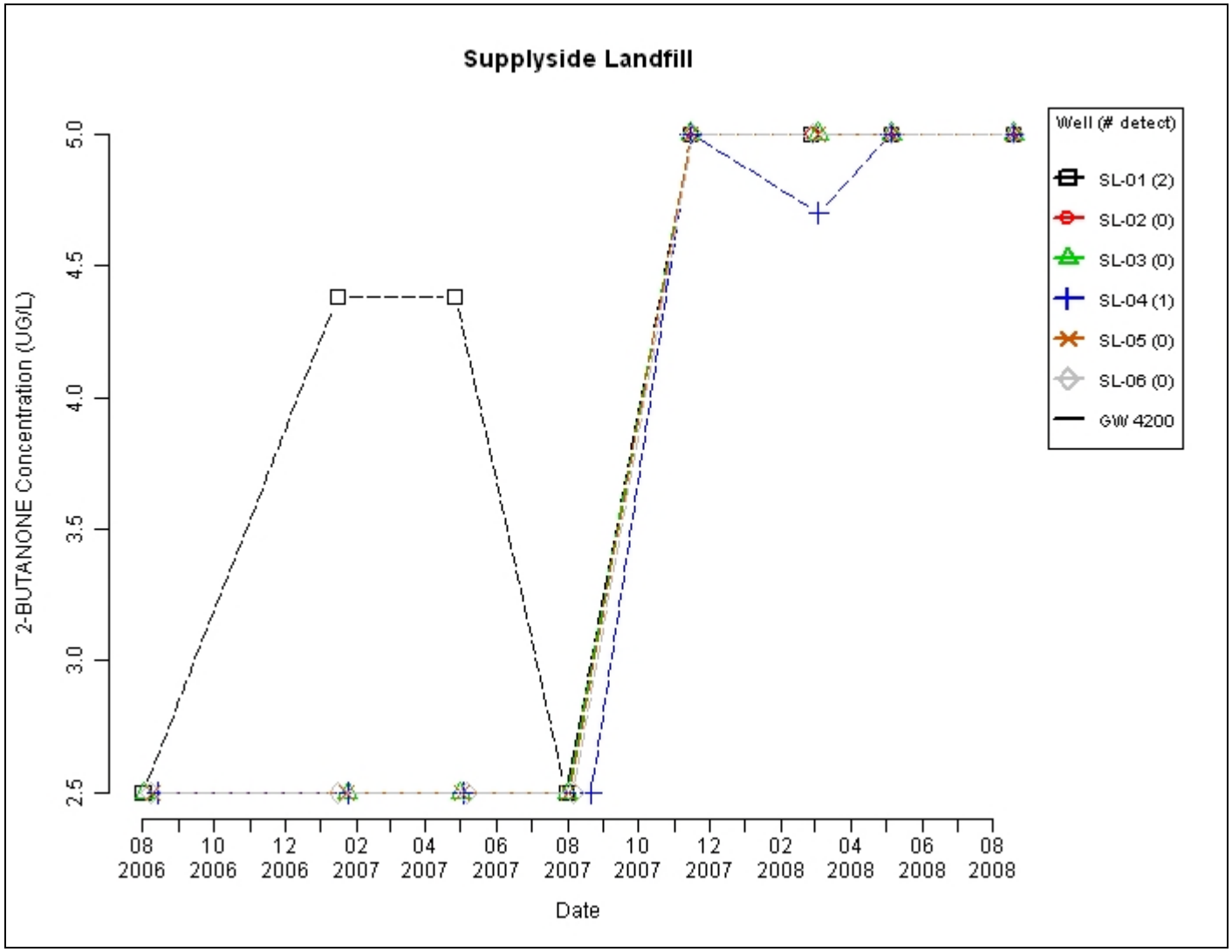
[1] Does not include nondetected results

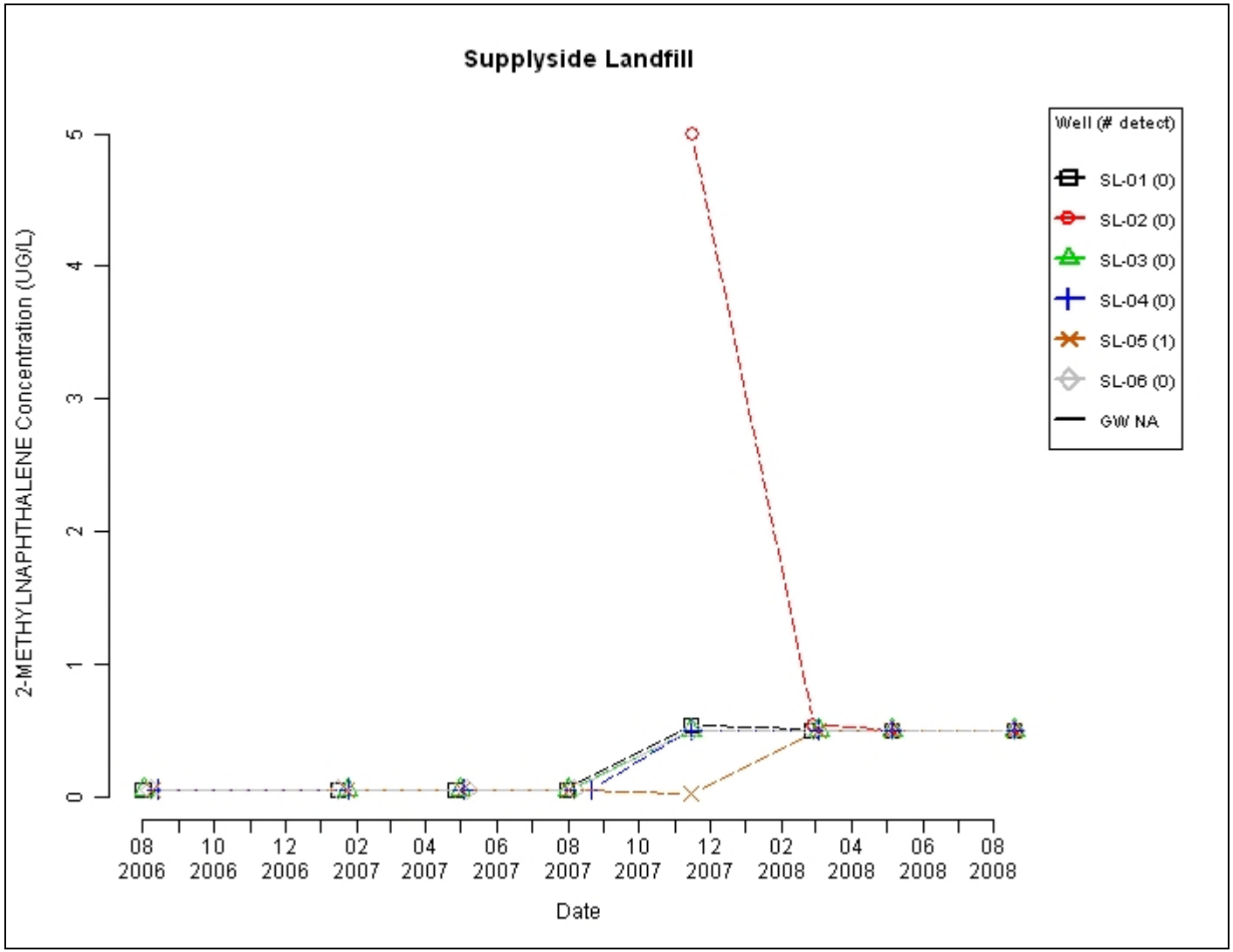
[2] Includes nondetected results

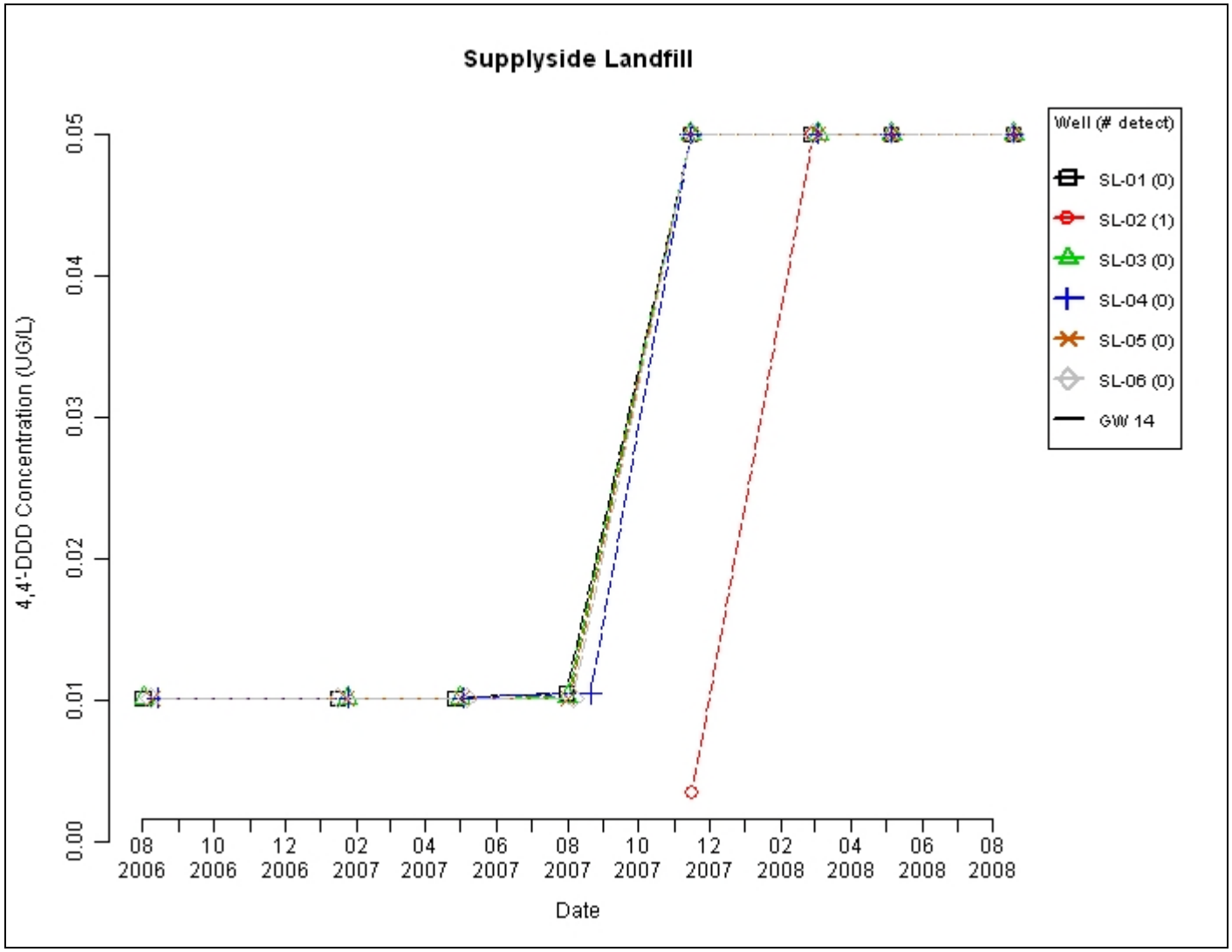
[3] Only one detected result

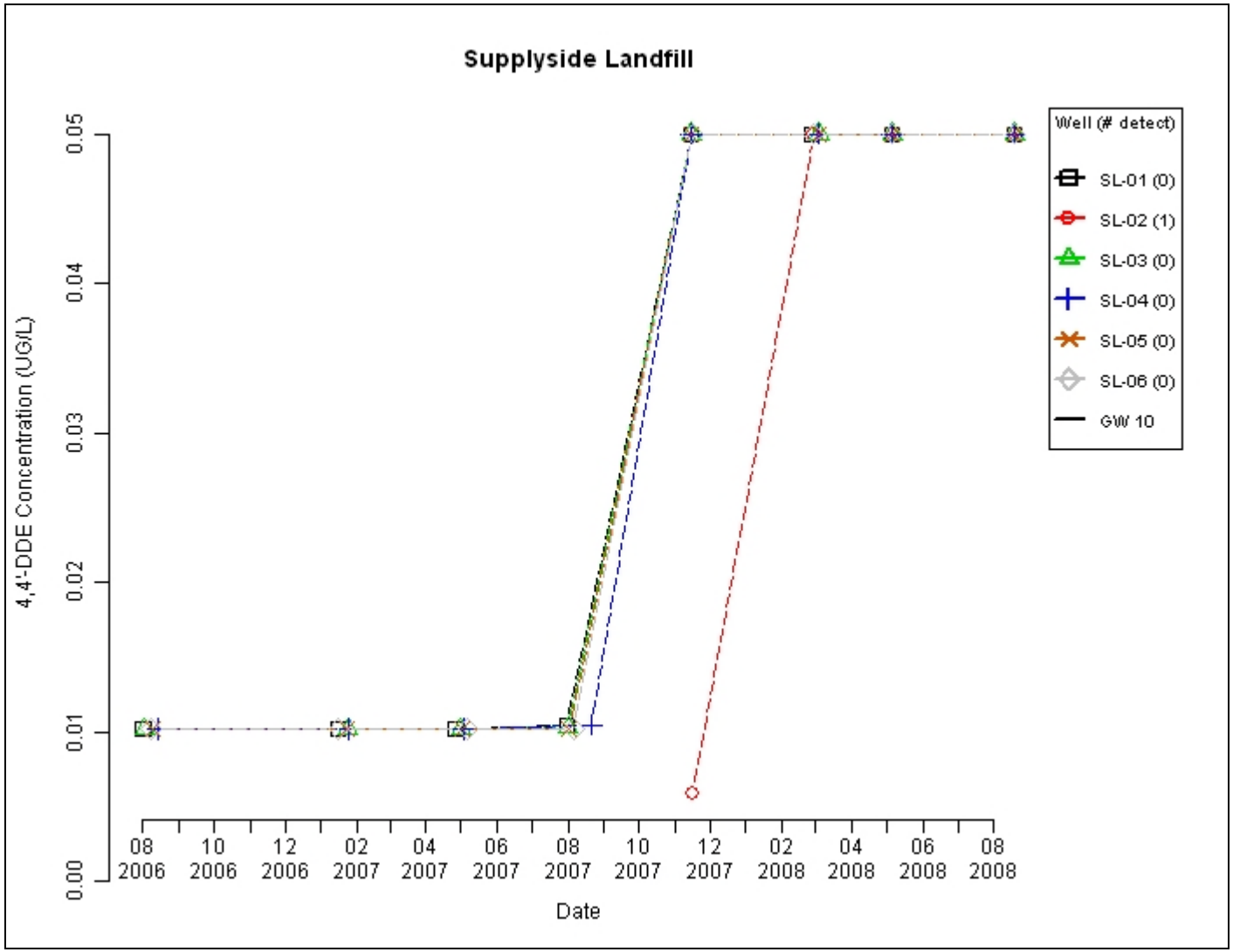

Supplyside Landfill
1-METHYLNAPHTHALENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (0)
SL-05 (1)
SL-06 (0)
GW NA

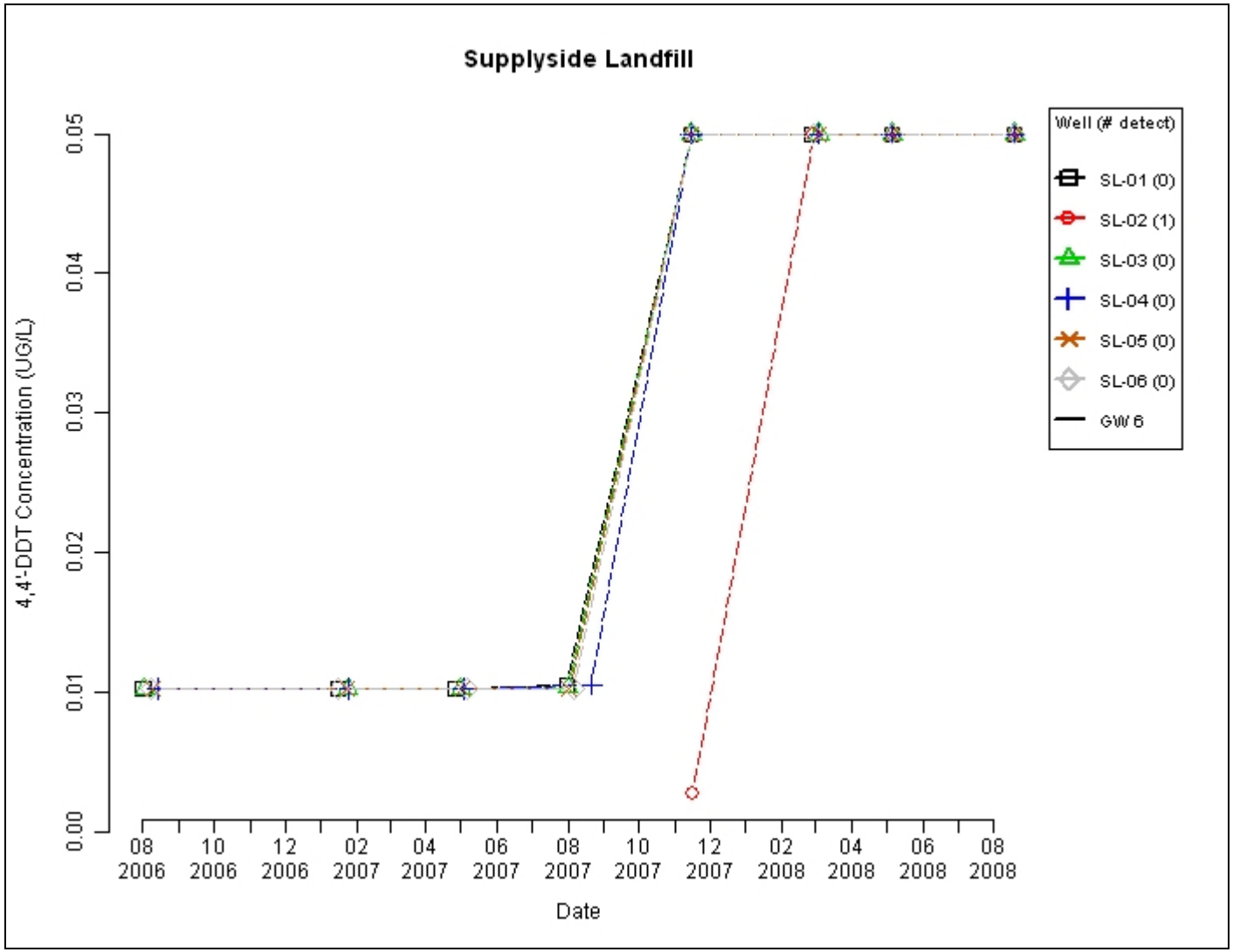

Supplyside Landfill
2,4,5-T Concentration (UG/L)
0.05
0.10
0.15
0.20
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (0)
SL-05 (1)
SL-06 (0)
GW 280

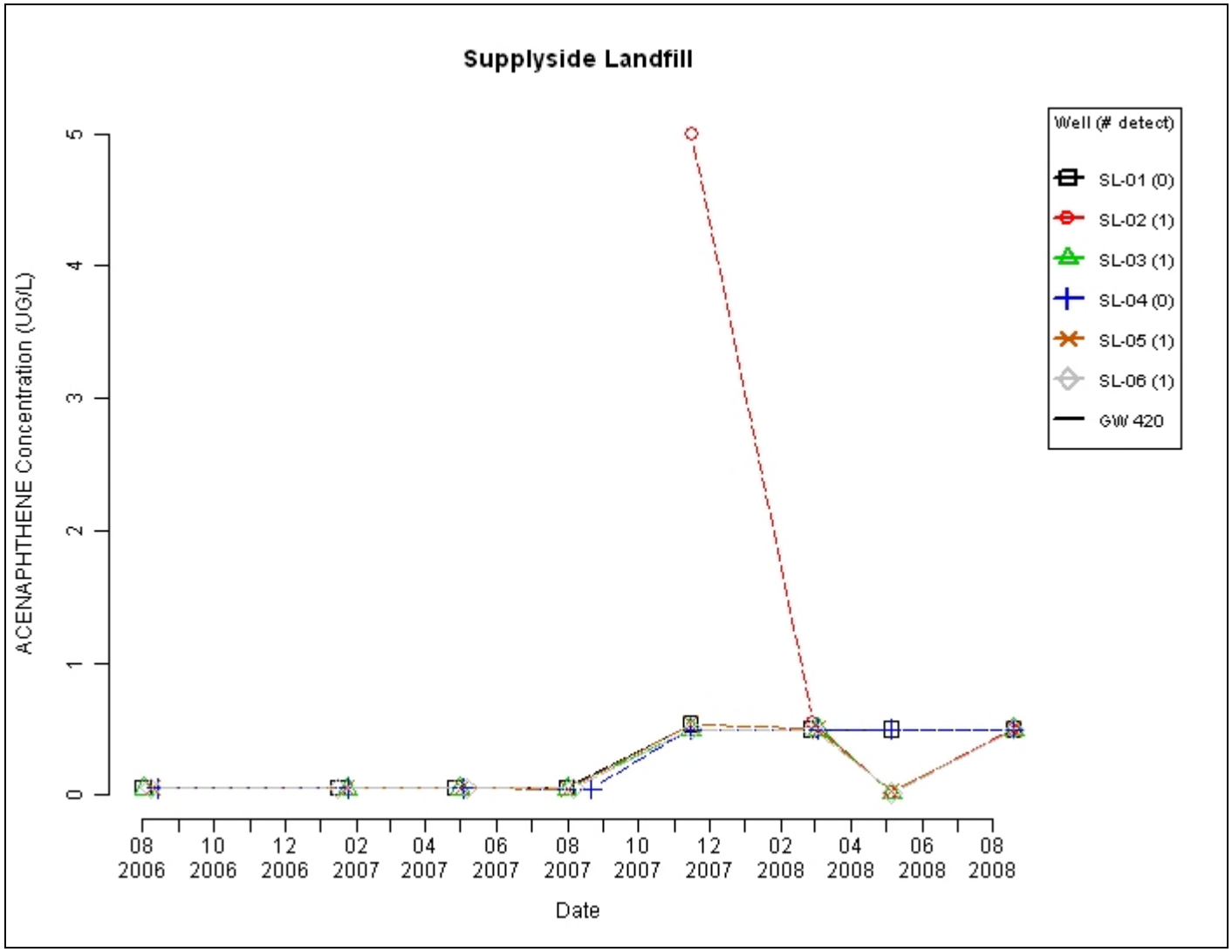

Supplyside Landfill
2-BUTANONE Concentration (UG/L)
5.0
4.5
4.0
3.5
3.0
2.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (2)
SL-02 (0)
SL-03 (0)
SL-04 (1)
SL-05 (0)
SL-06 (0)
GW 4200

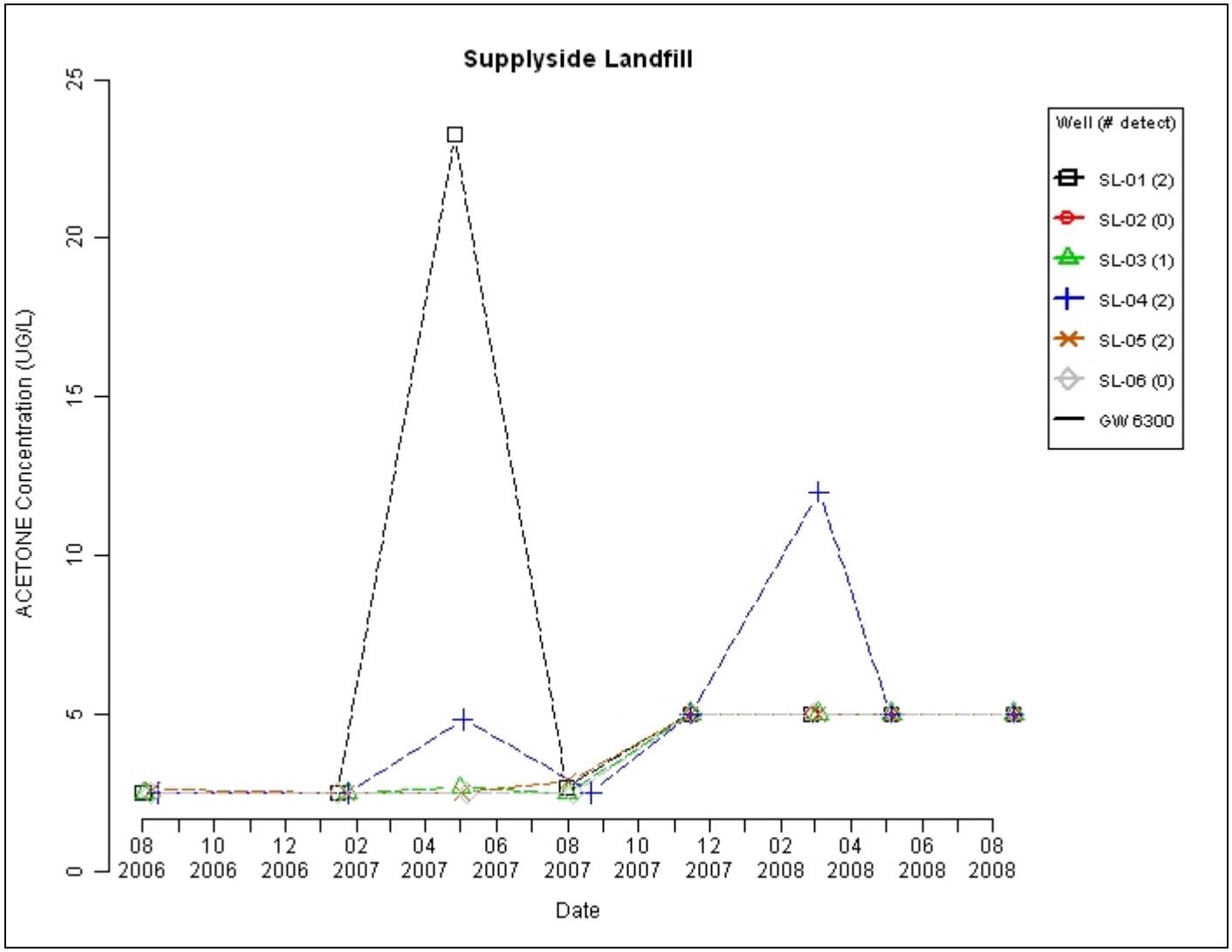

Supplyside Landfill
2-METHYLNAPHTHALENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (0)
SL-05 (1)
SL-06 (0)
GW NA

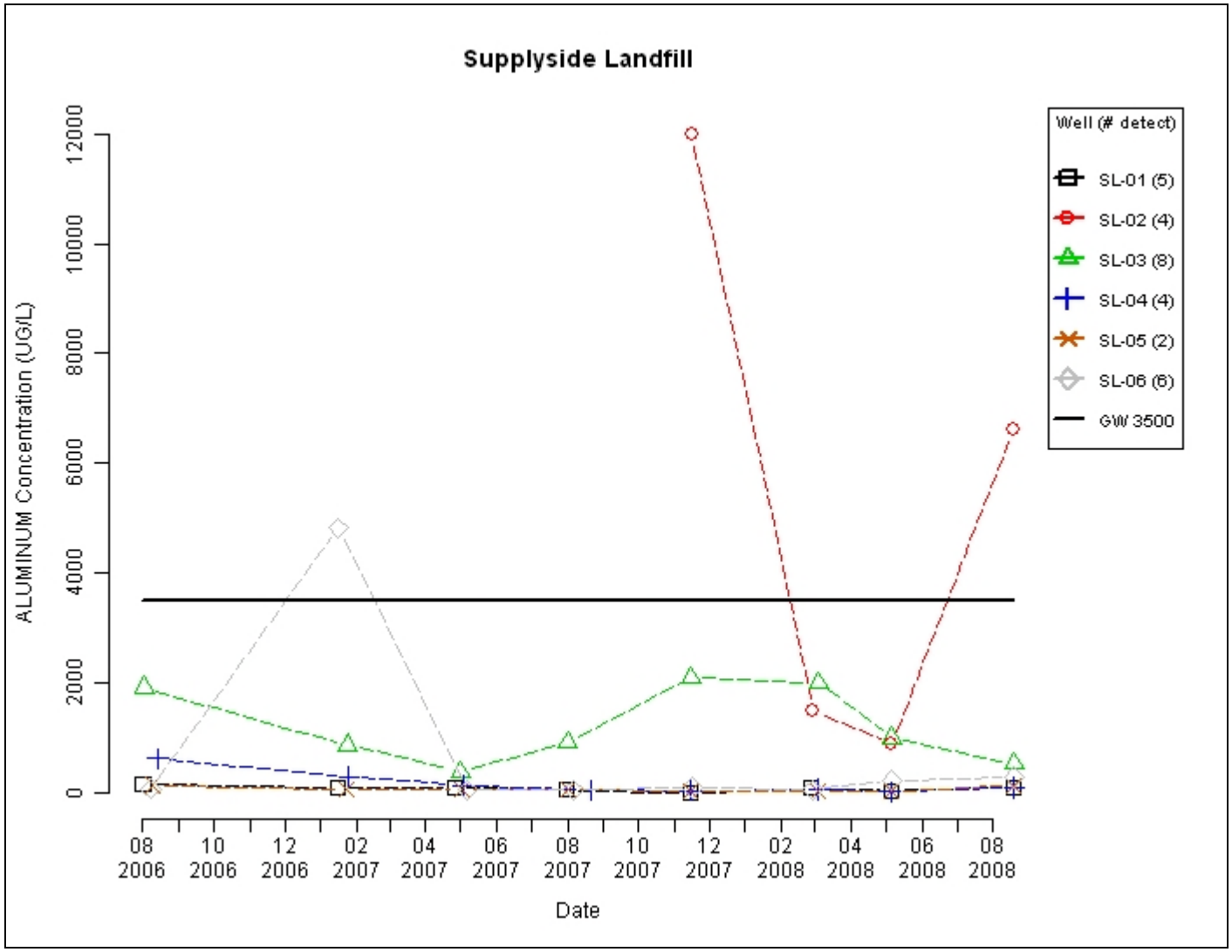

Supplyside Landfill
4,4'-DDD Concentration (UG/L)
0.00
0.01
0.02
0.03
0.04
0.05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 14

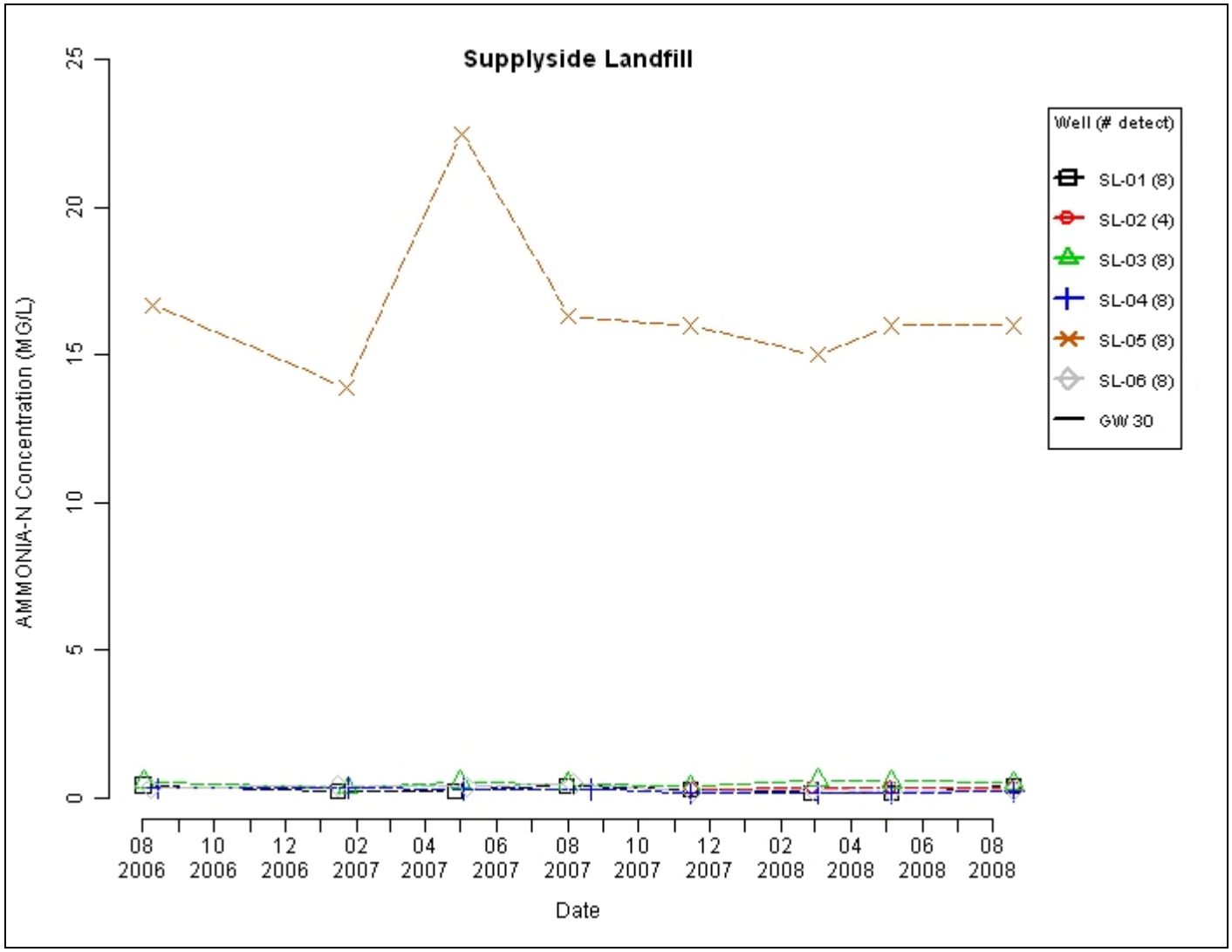

Supplyside Landfill
4,4'-DDE Concentration (UG/L)
0.00
0.01
0.02
0.03
0.04
0.05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 10

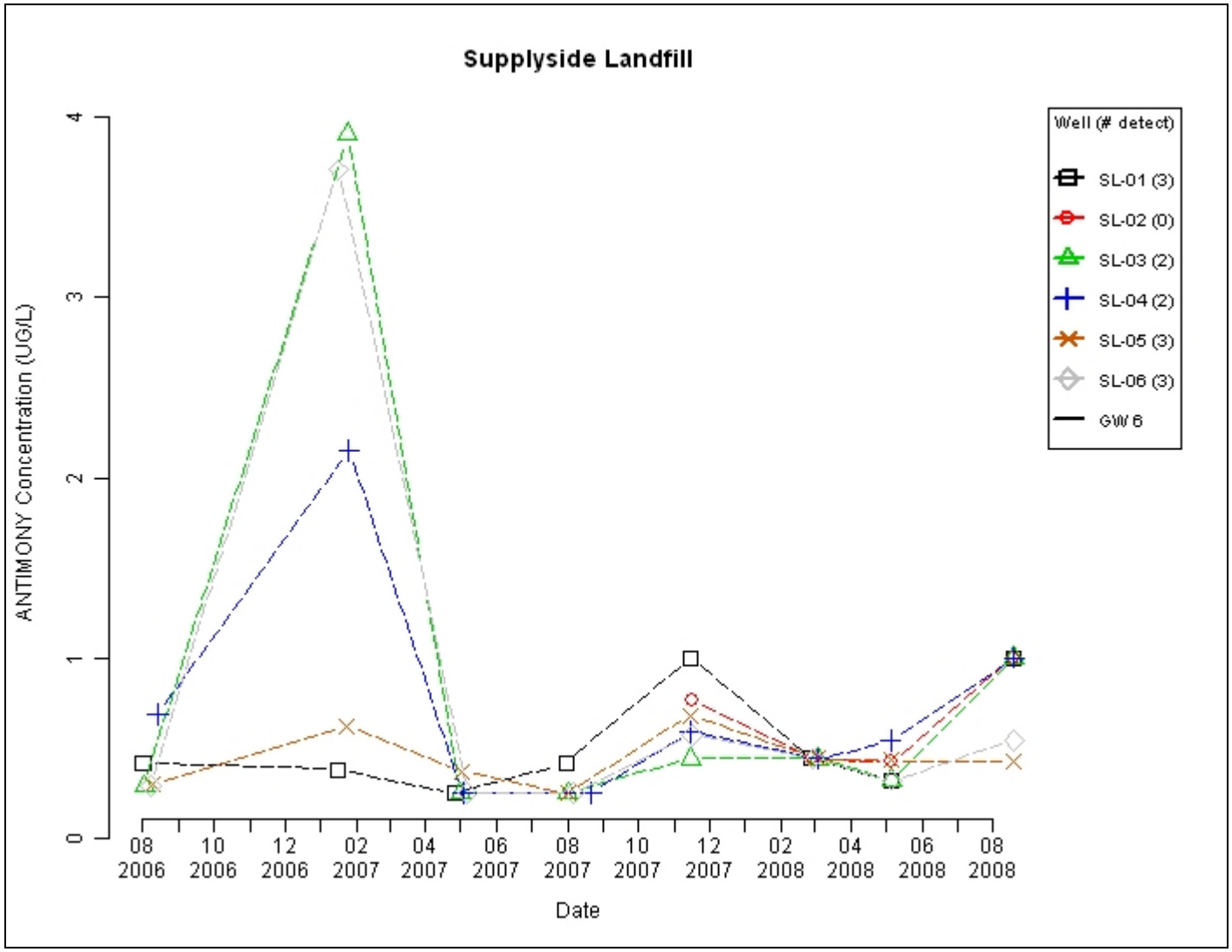

Supplyside Landfill
4,4'-DDT Concentration (UG/L)
0.00
0.01
0.02
0.03
0.04
0.05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 6

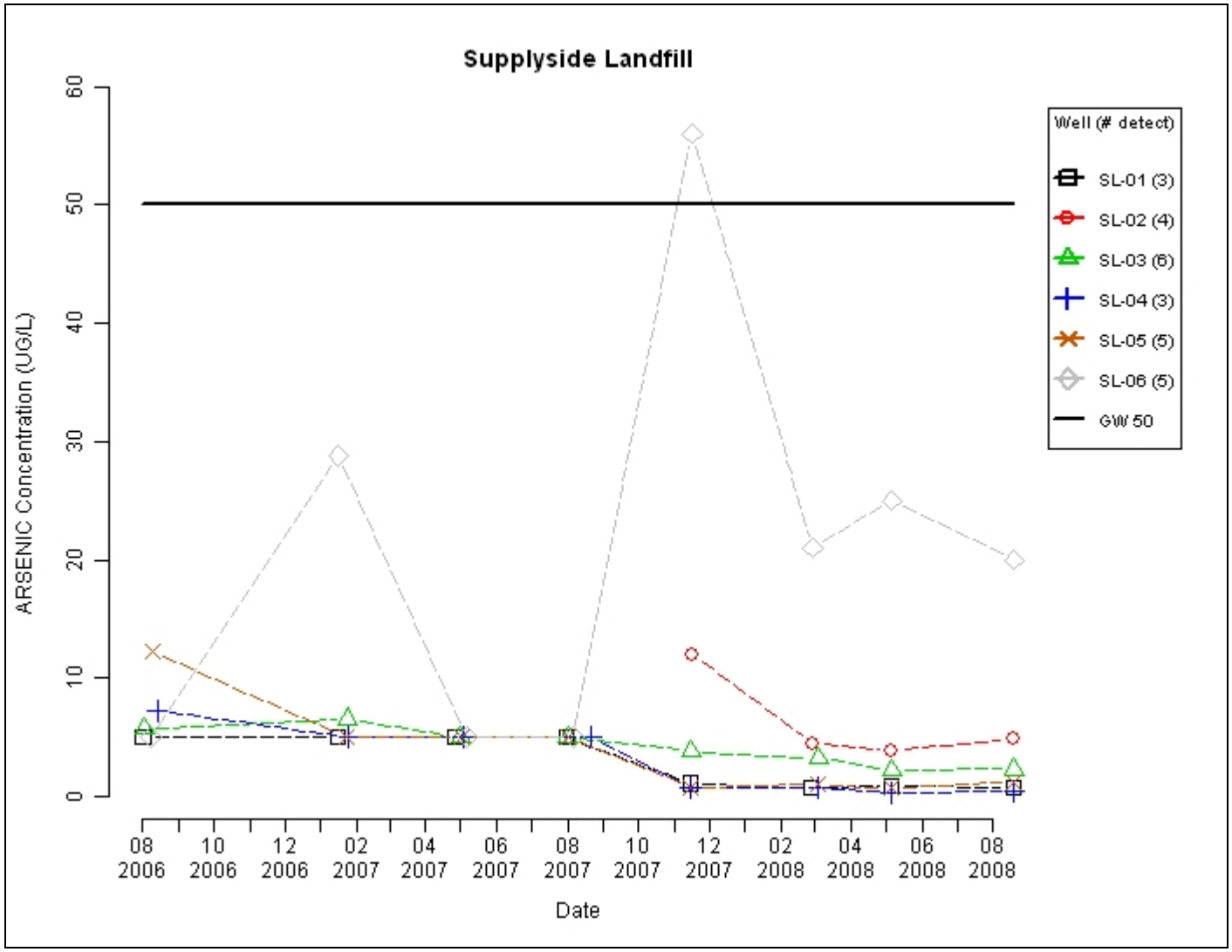

Supplyside Landfill
ACENAPHTHENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (1)
SL-04 (0)
SL-05 (1)
SL-06 (1)
GW 420

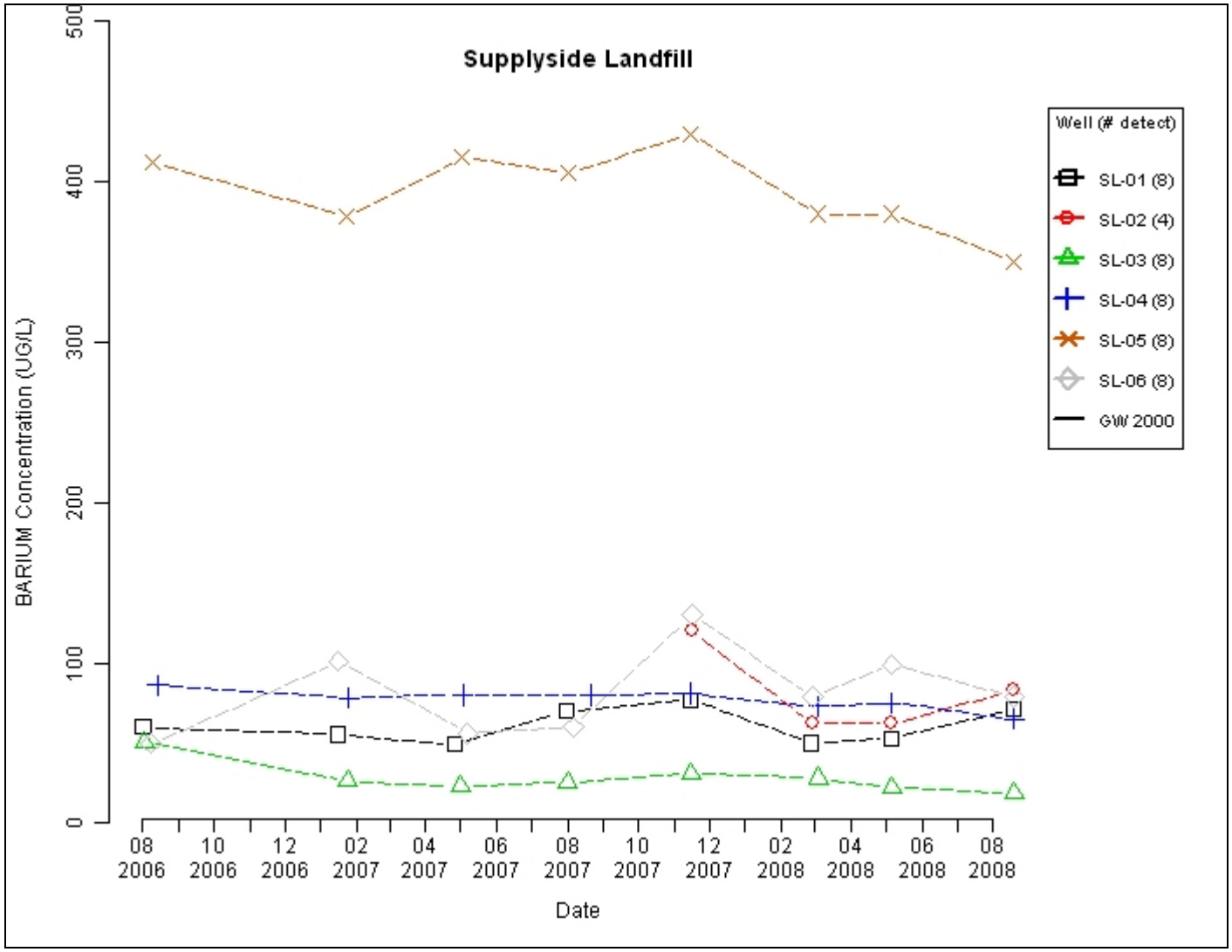

Supplyside Landfill
ACETONE Concentration (UG/L)
0
5
10
15
20
25
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (2)
SL-02 (0)
SL-03 (1)
SL-04 (2)
SL-05 (2)
SL-06 (0)
GW 6300

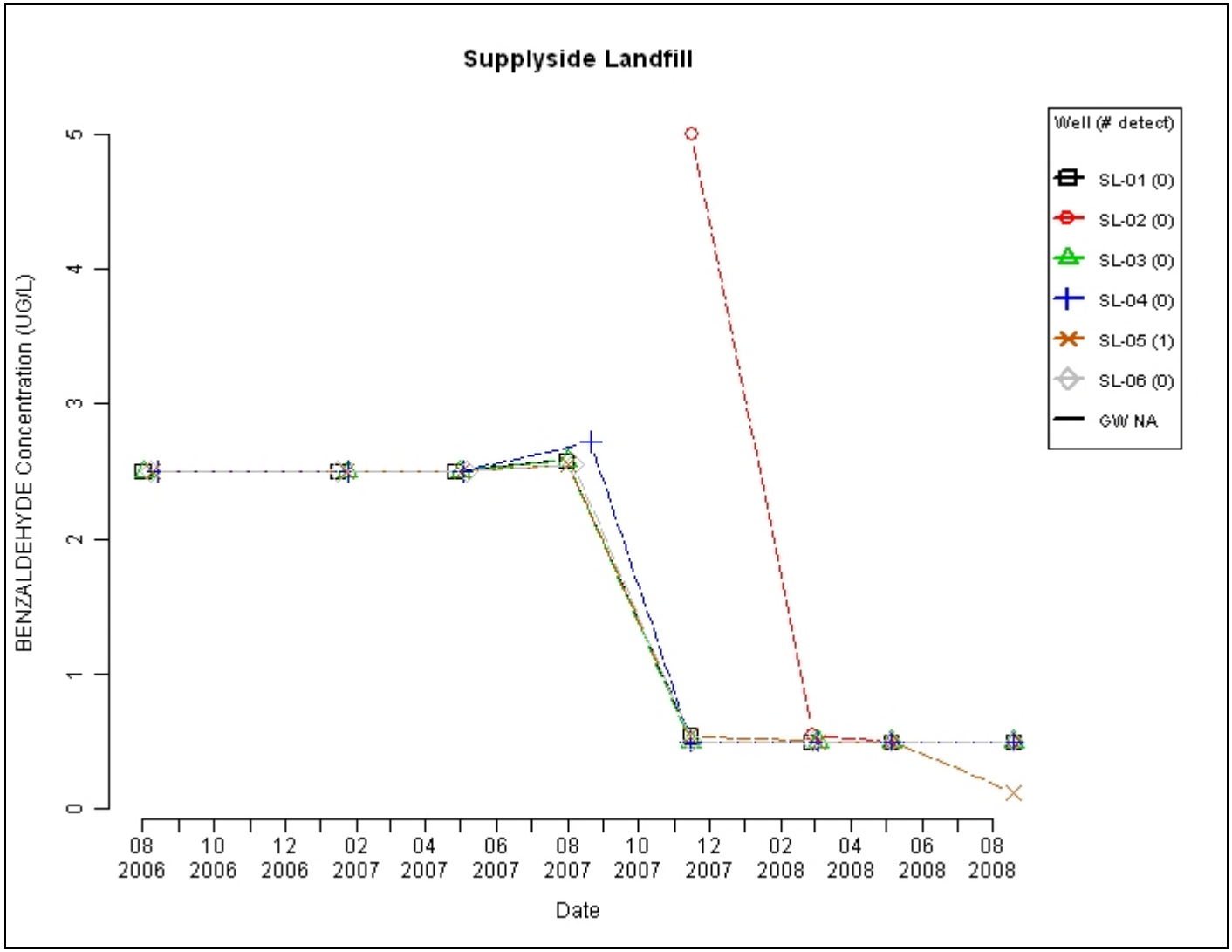

Supplyside Landfill
ALUMINUM Concentration (UG/L)
0
2000
4000
6000
8000
10000
12000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (5)
SL-02 (4)
SL-03 (8)
SL-04 (4)
SL-05 (2)
SL-06 (6)
GW 3500

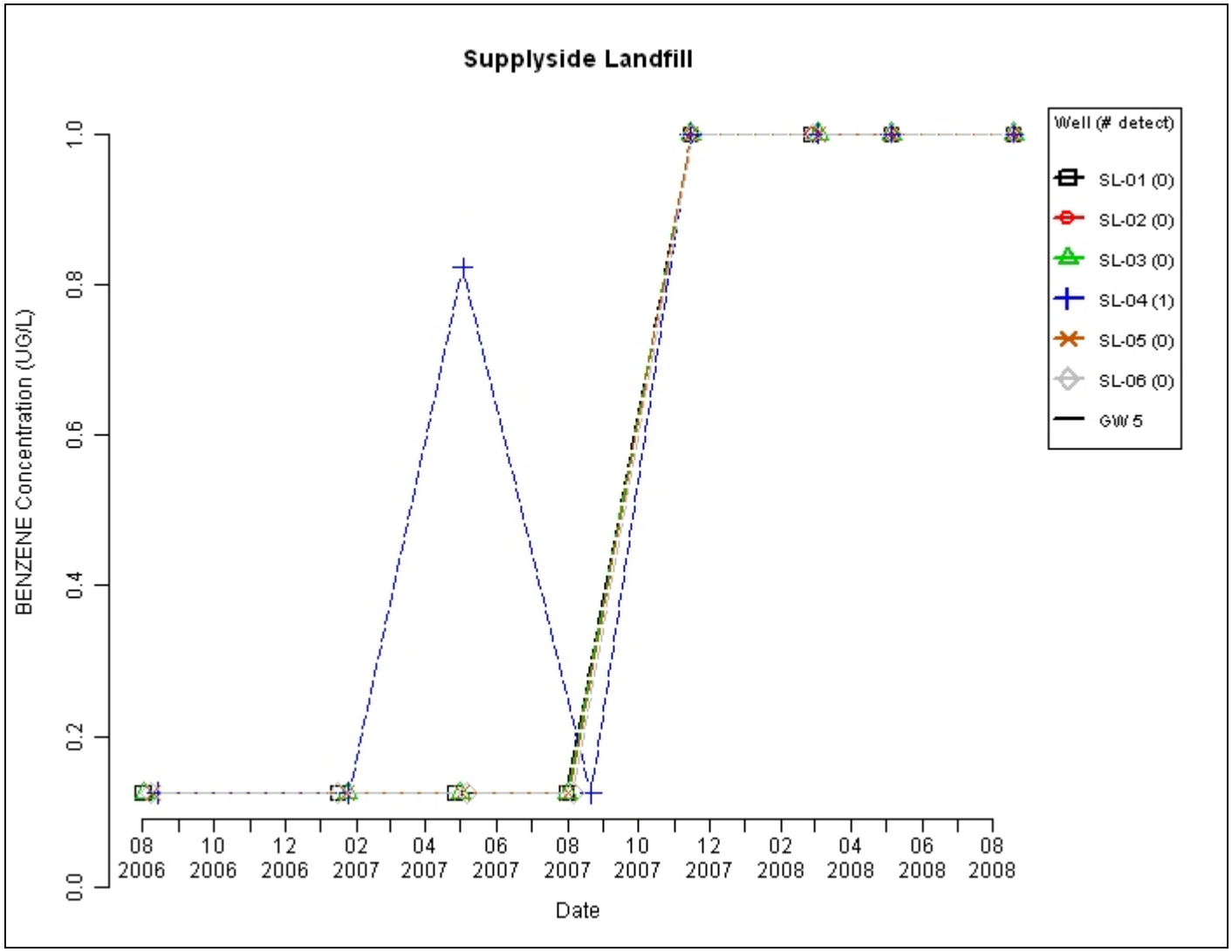

Supplyside Landfill
AMMONIA-N Concentration (MG/L)
0
5
10
15
20
25
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 30

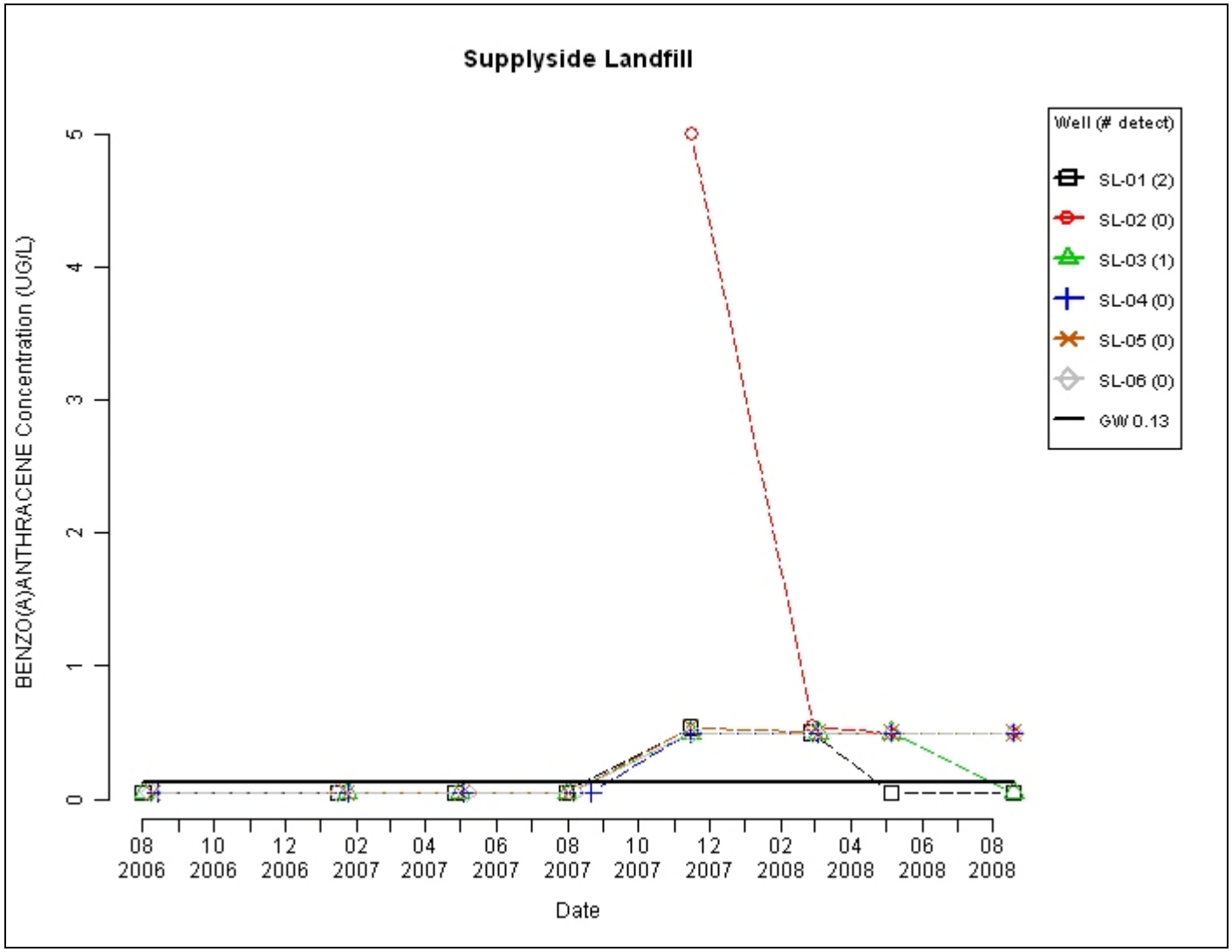

Supplyside Landfill
ANTIMONY Concentration (UG/L)
0
1
2
3
4
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (3)
SL-02 (0)
SL-03 (2)
SL-04 (2)
SL-05 (3)
SL-06 (3)
GW 6

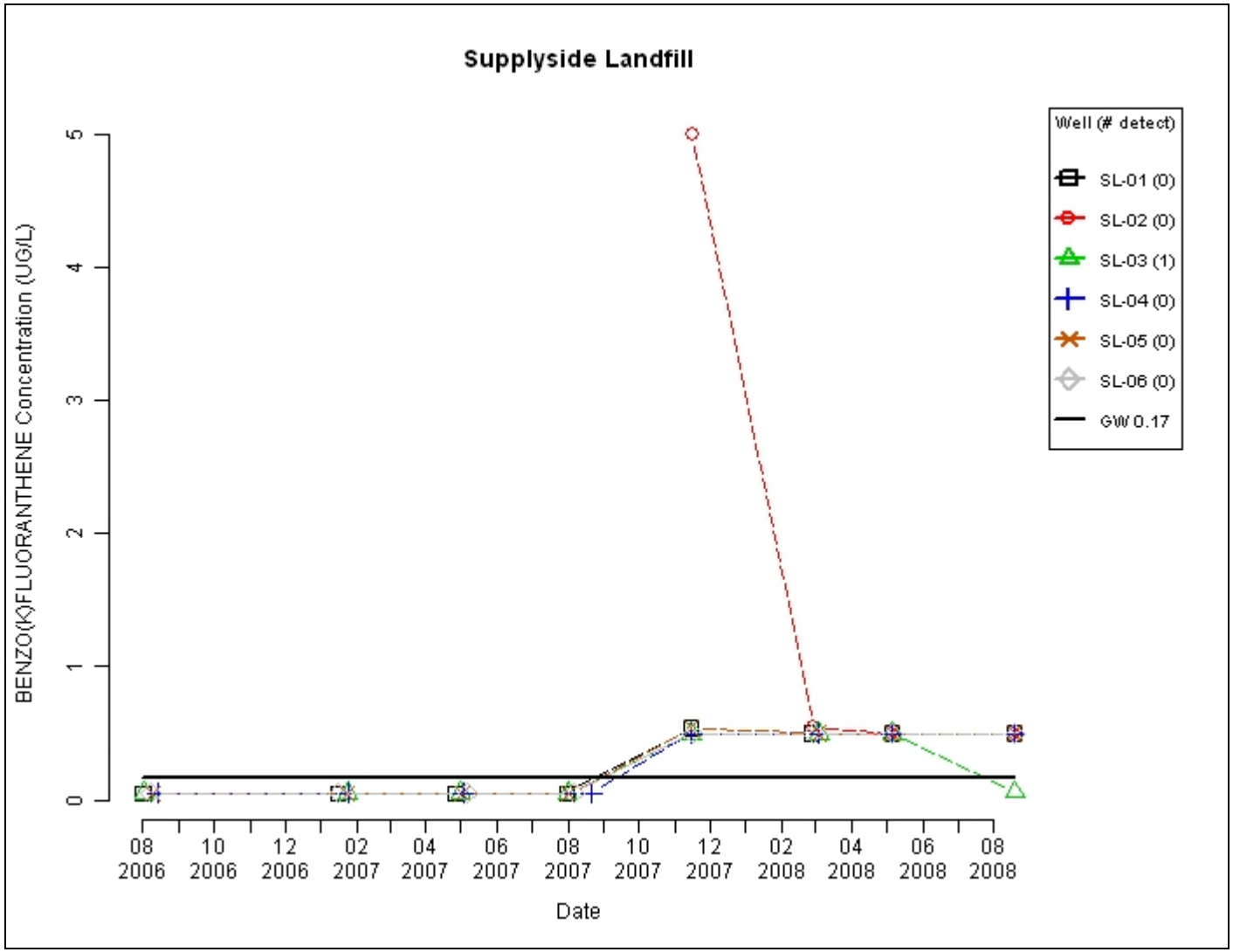

Supplyside Landfill
ARSENIC Concentration (UG/L)
0
10
20
30
40
50
60
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (3)
SL-02 (4)
SL-03 (6)
SL-04 (3)
SL-05 (5)
SL-06 (5)
GW 50

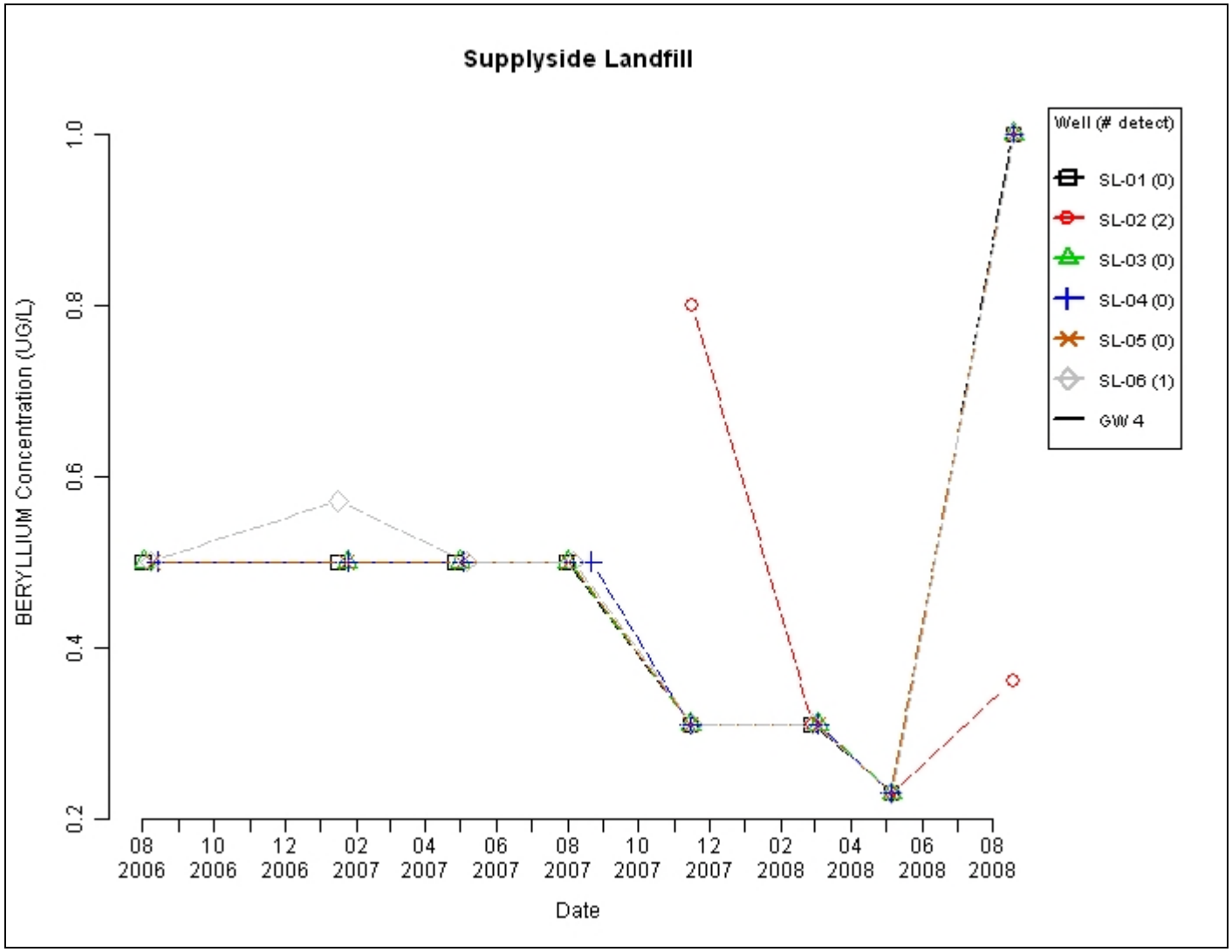

Supplyside Landfill
BARIUM Concentration (UG/L)
0
100
200
300
400
500
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 2000

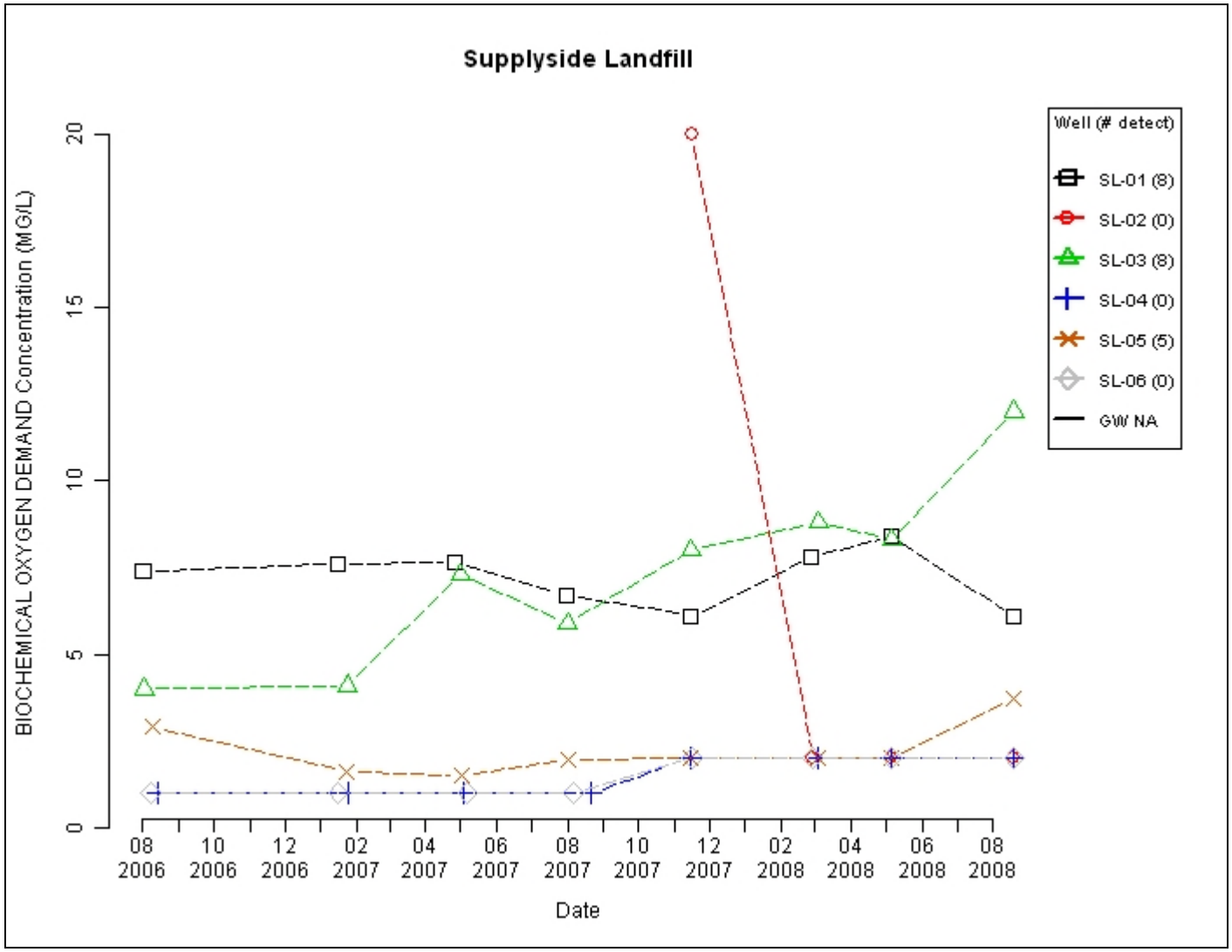

Supplyside Landfill
BENZALDEHYDE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (0)
SL-05 (1)
SL-06 (0)
GW NA

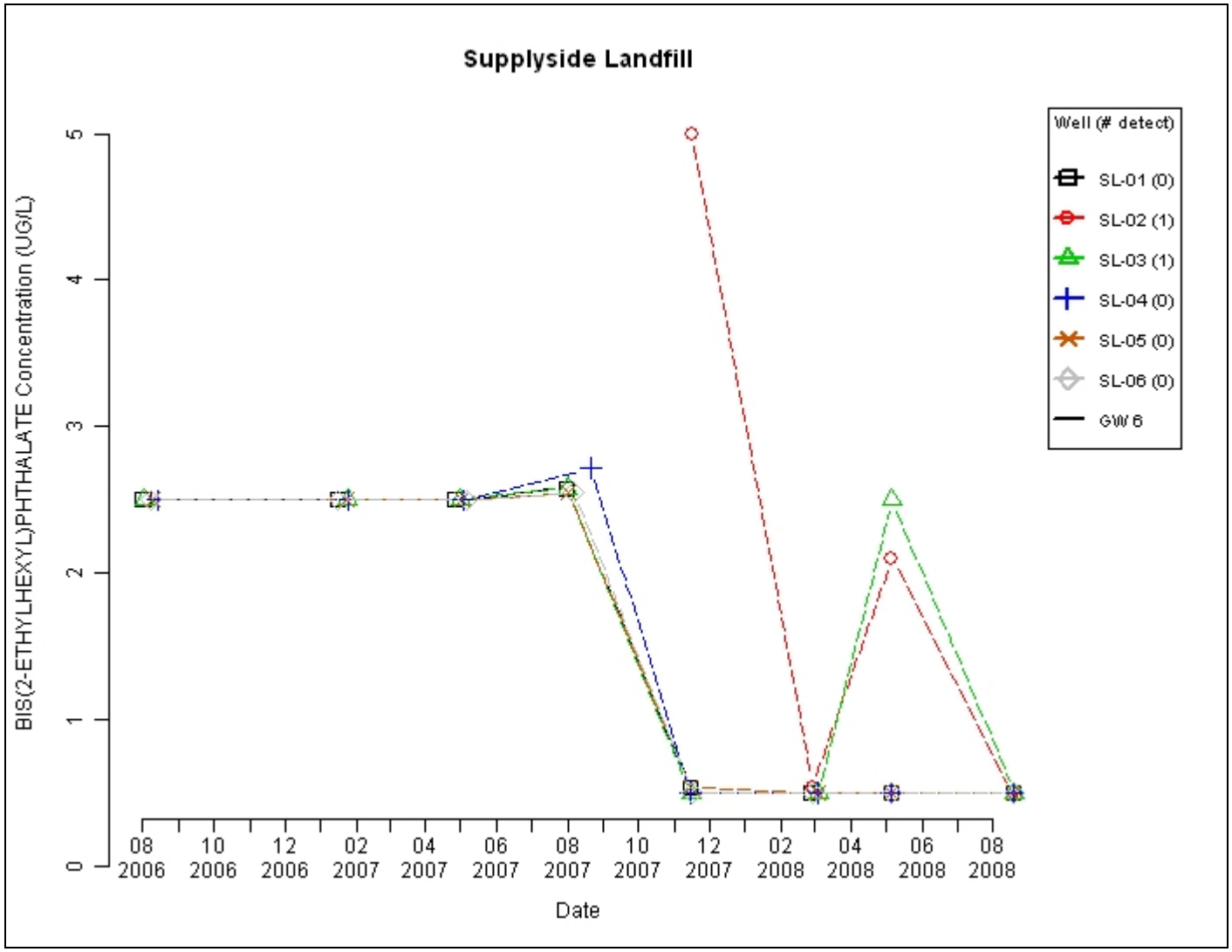

Supplyside Landfill
BENZENE Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (1)
SL-05 (0)
SL-06 (0)
GW 5

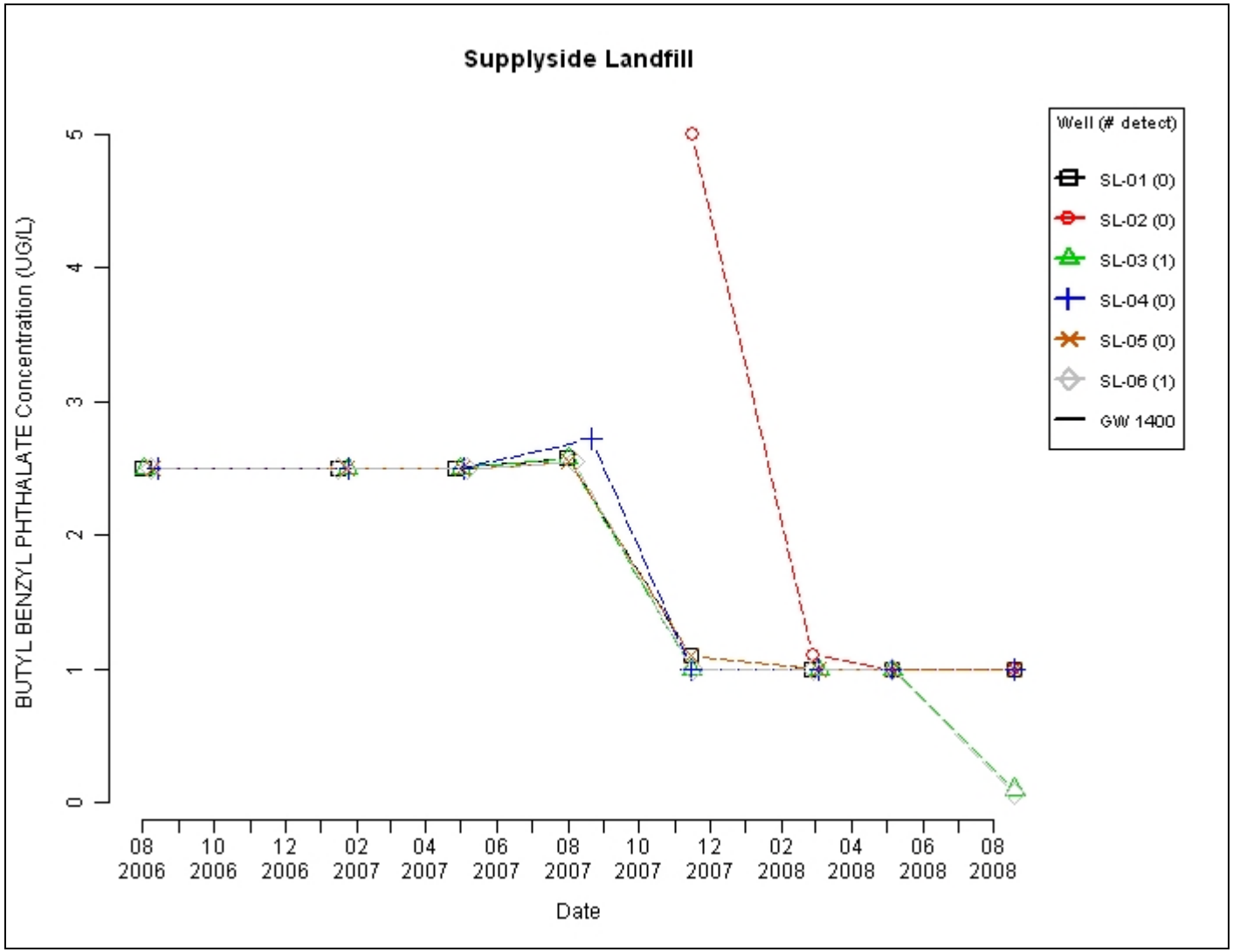

Supplyside Landfill
BENZO(A)ANTHRACENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (2)
SL-02 (0)
SL-03 (1)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 0.13

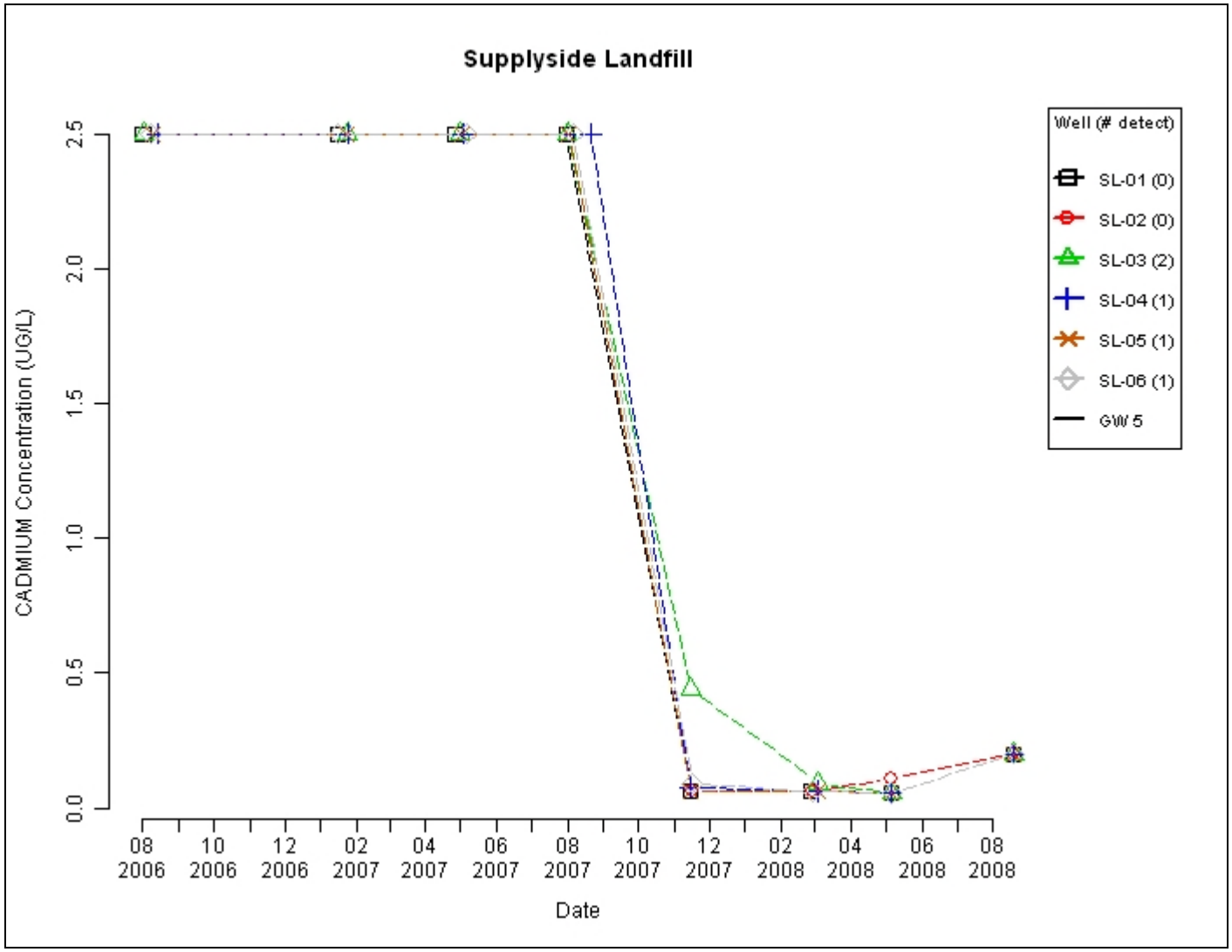

Supplyside Landfill
BENZO(K)FLUORANTHENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (1)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 0.17

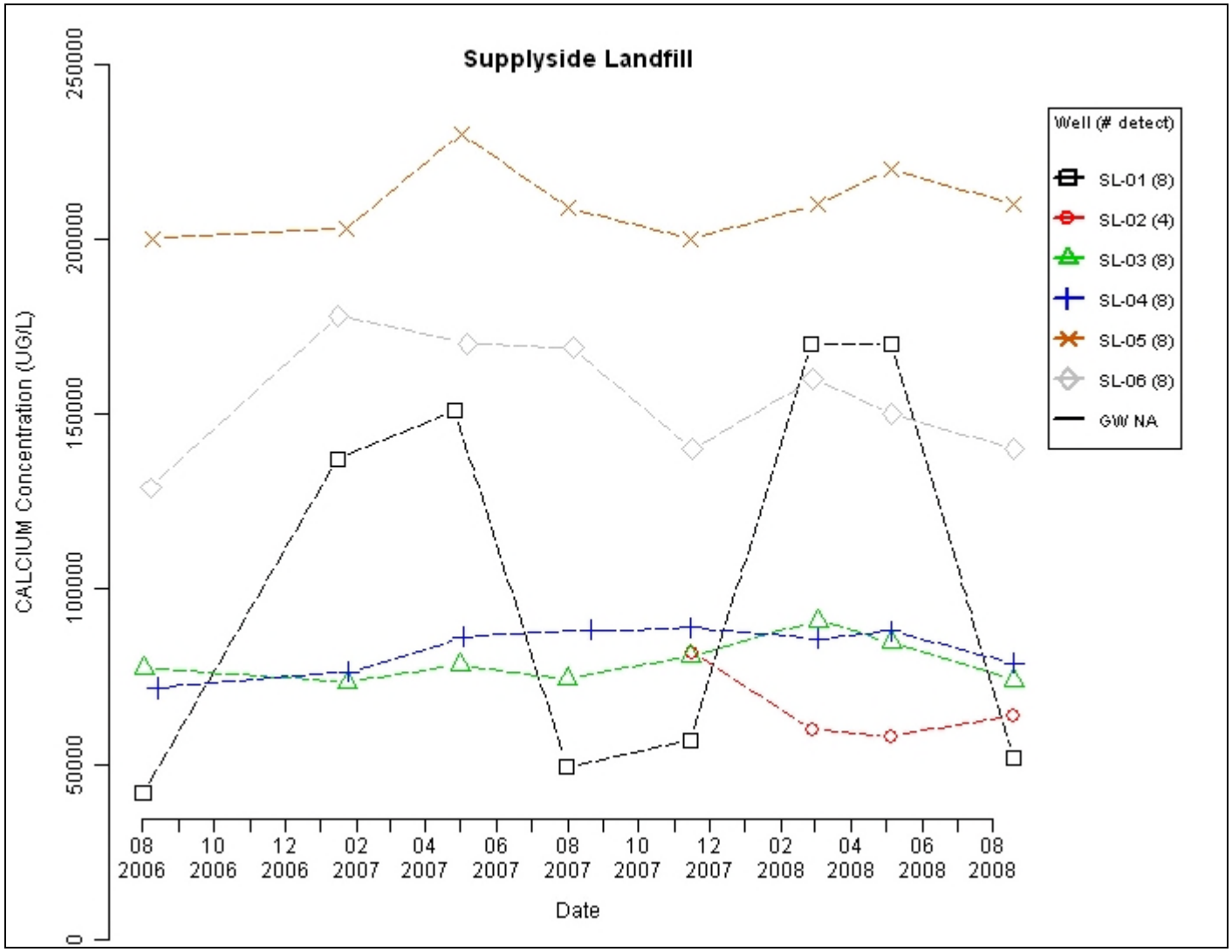

Supplyside Landfill
BERYLLIUM Concentration (UG/L)
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (2)
SL-03 (0)
SL-04 (0)
SL-05 (0)
SL-06 (1)
GW 4

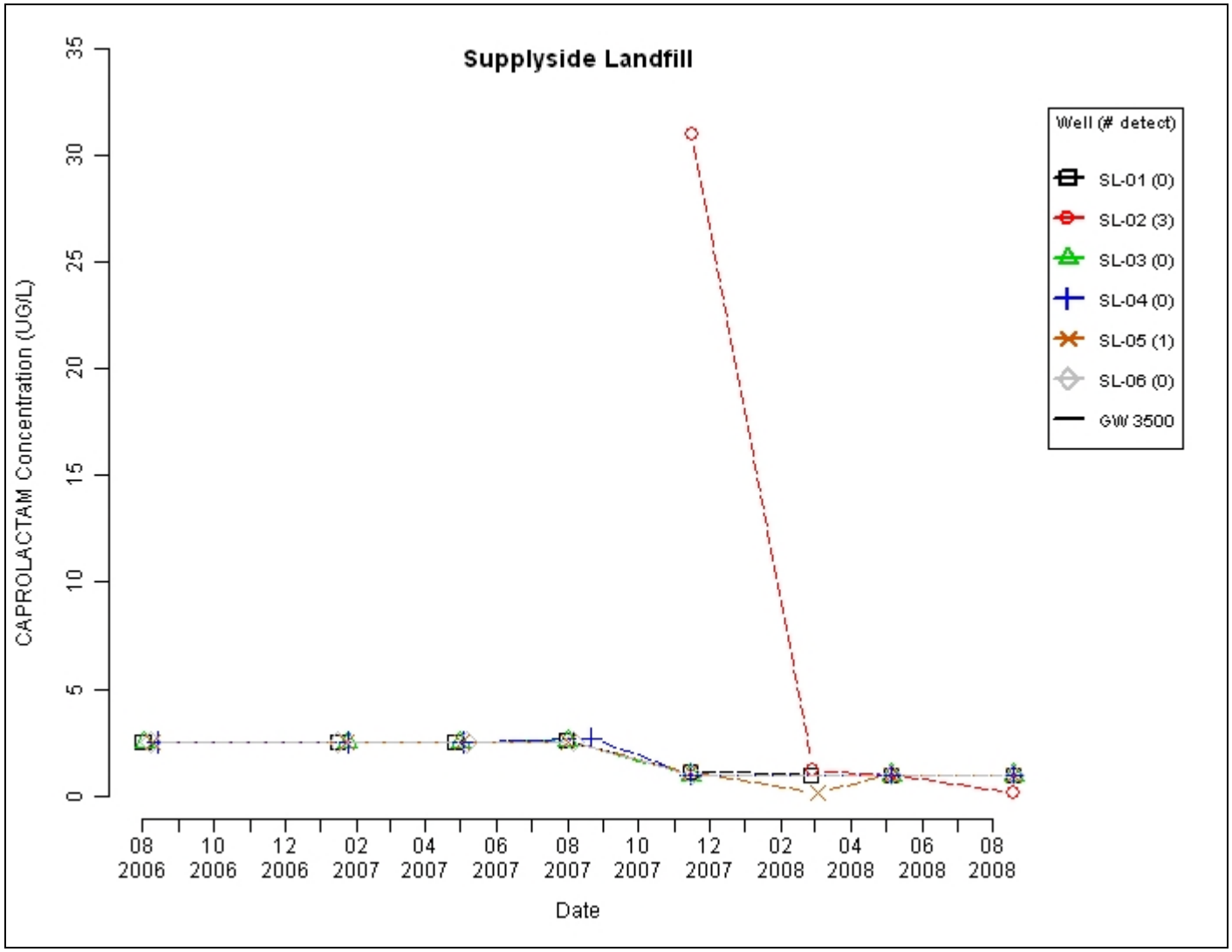

Supplyside Landfill
BIOCHEMICAL OXYGEN DEMAND Concentration (MG/L)
0
5
10
15
20
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (0)
SL-03 (8)
SL-04 (0)
SL-05 (5)
SL-06 (0)
GW NA

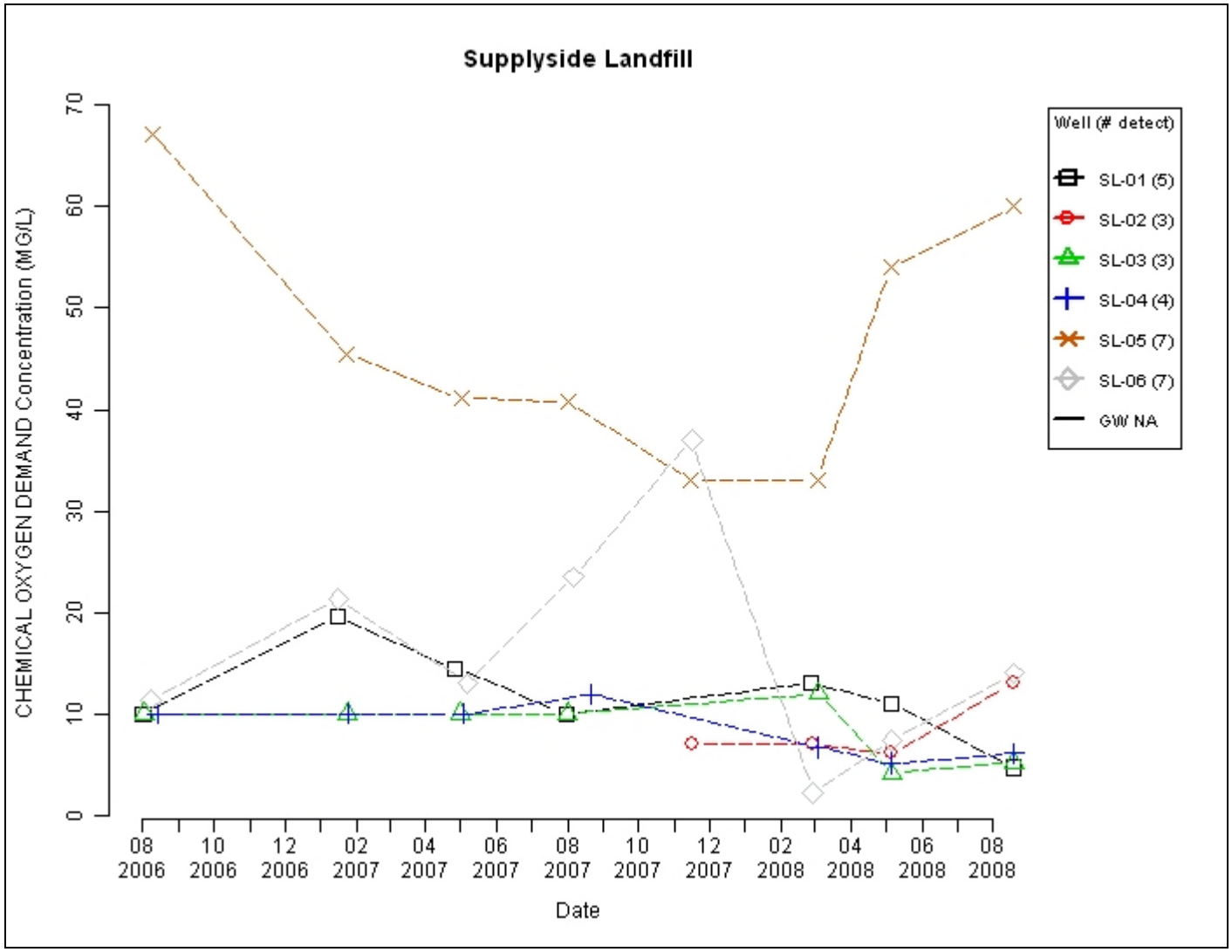

Supplyside Landfill
BIS(2-ETHYLHEXYL)PHTHALATE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (1)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 6

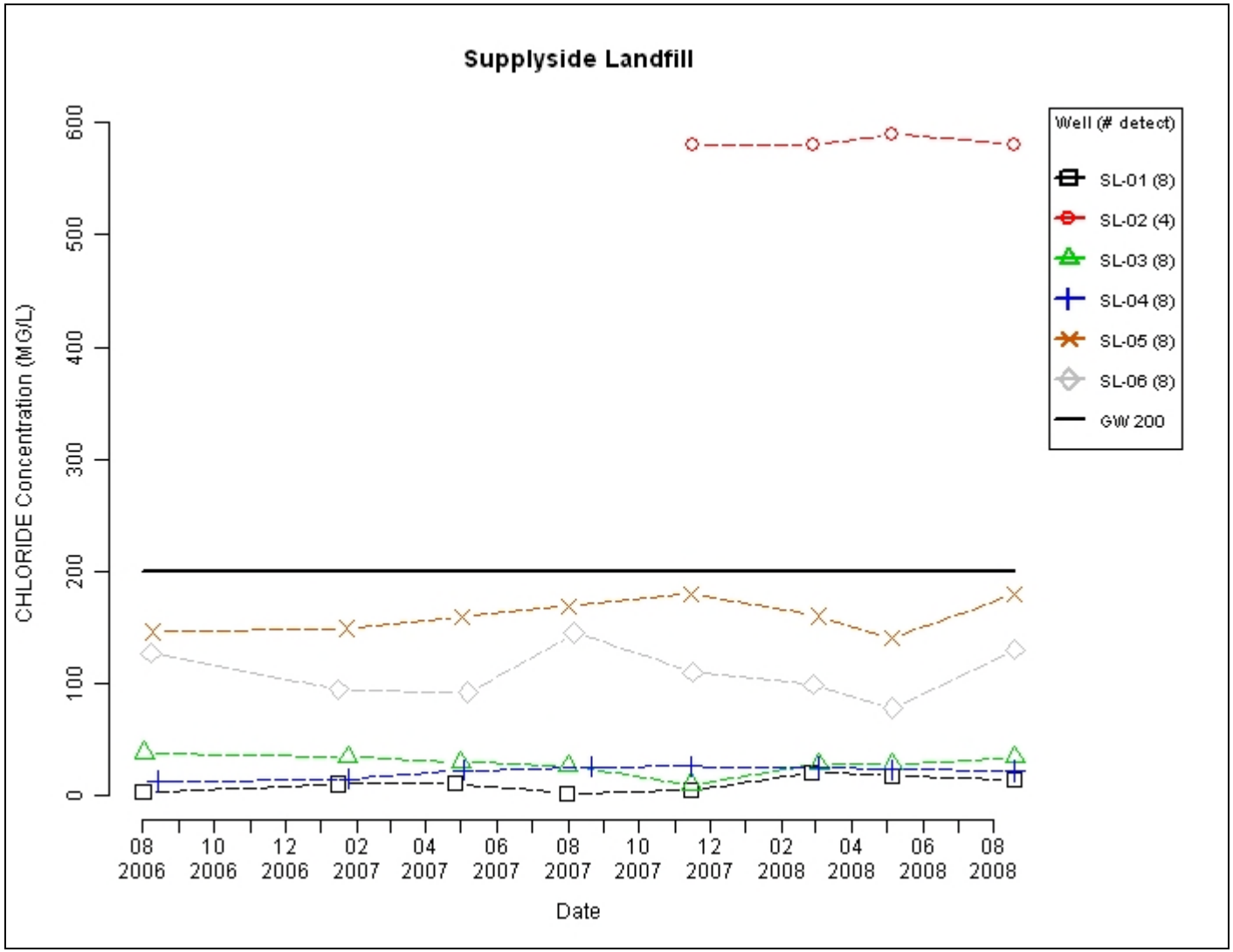

Supplyside Landfill
BUTYL BENZYL PHTHALATE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (1)
SL-04 (0)
SL-05 (0)
SL-06 (1)
GW 1400

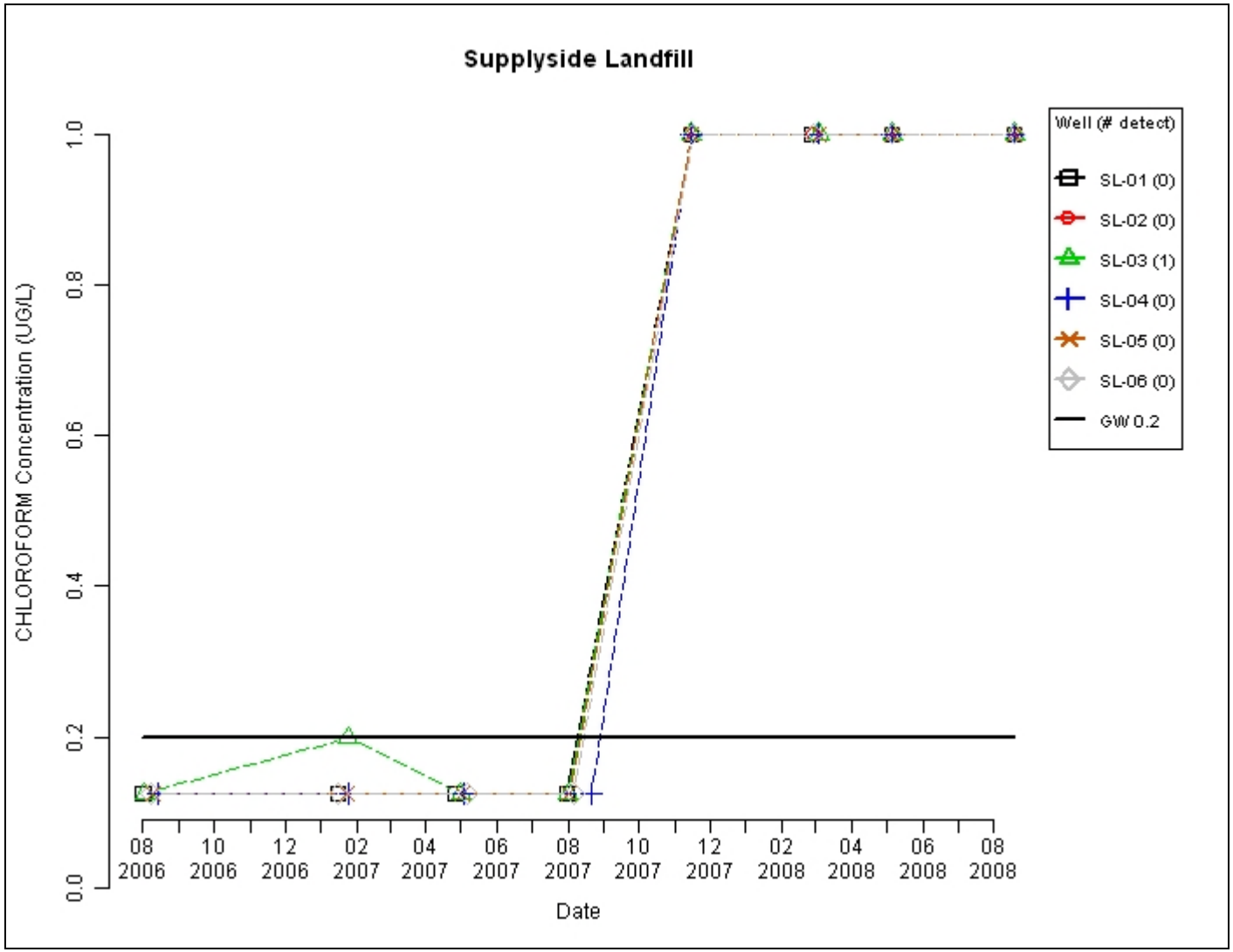

Supplyside Landfill
CADMIUM Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (2)
SL-04 (1)
SL-05 (1)
SL-06 (1)
GW 5

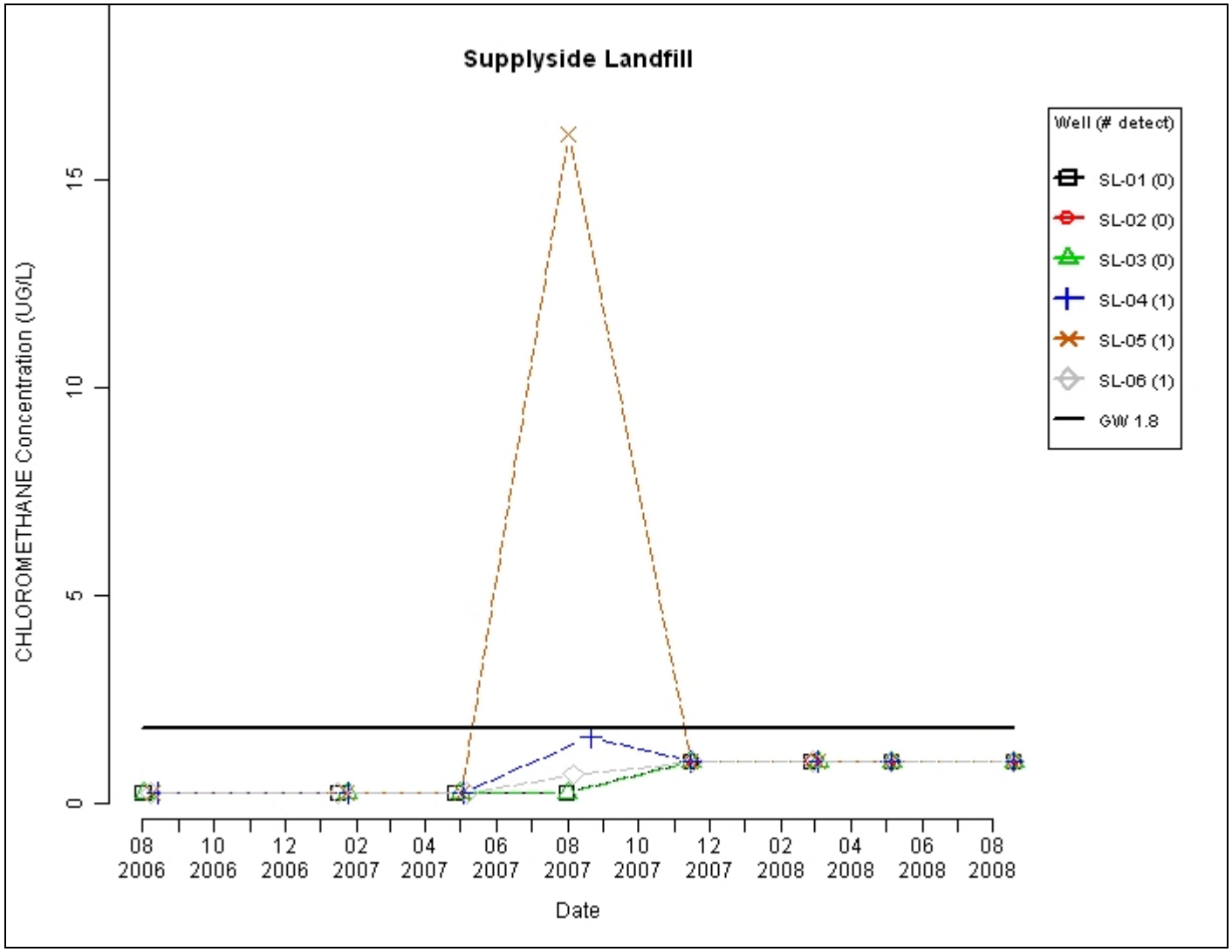

Supplyside Landfill
CALCIUM Concentration (UG/L)
0
50000
100000
150000
200000
250000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW NA

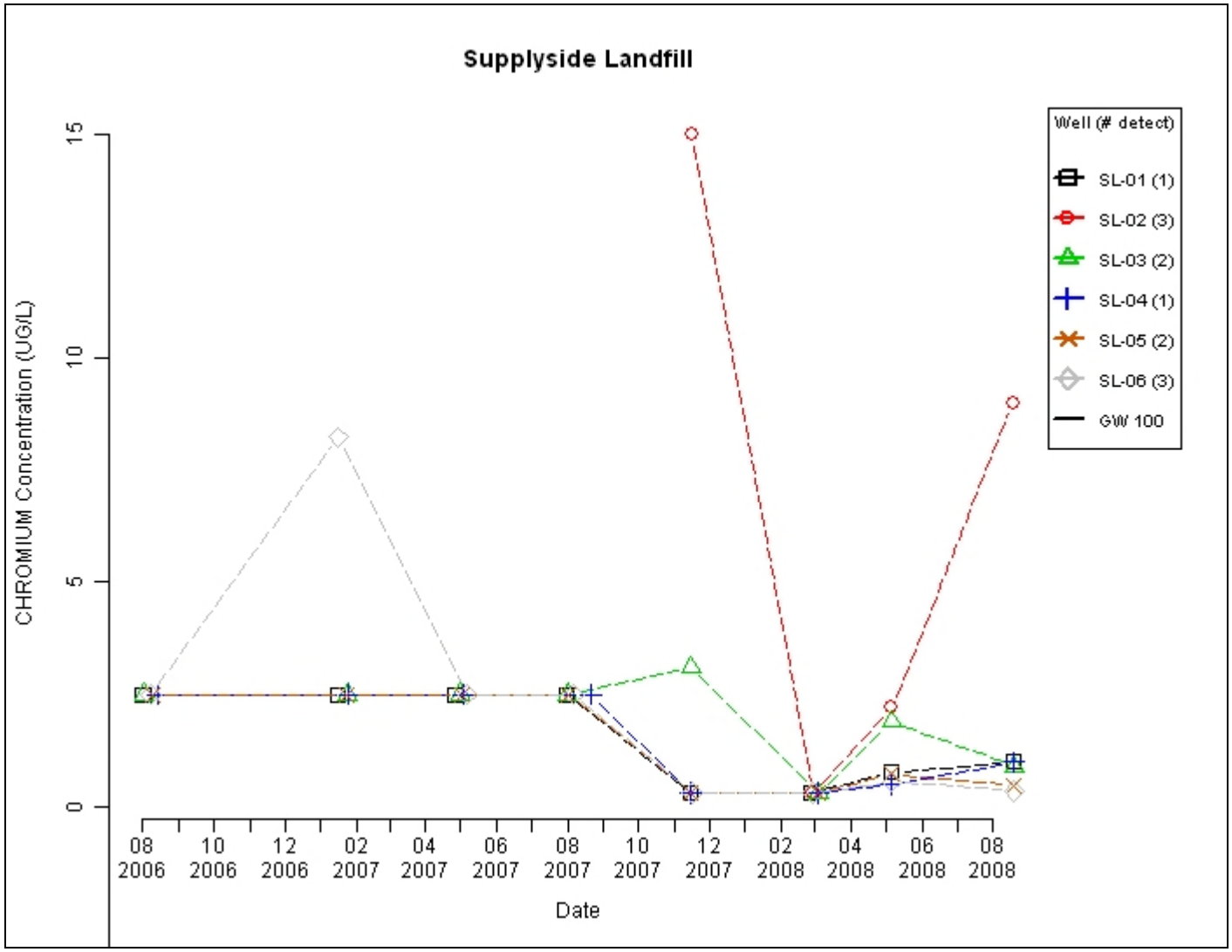

Supplyside Landfill
CAPROLACTAM Concentration (UG/L)
0
5
10
15
20
25
30
35
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (3)
SL-03 (0)
SL-04 (0)
SL-05 (1)
SL-06 (0)
GW 3500

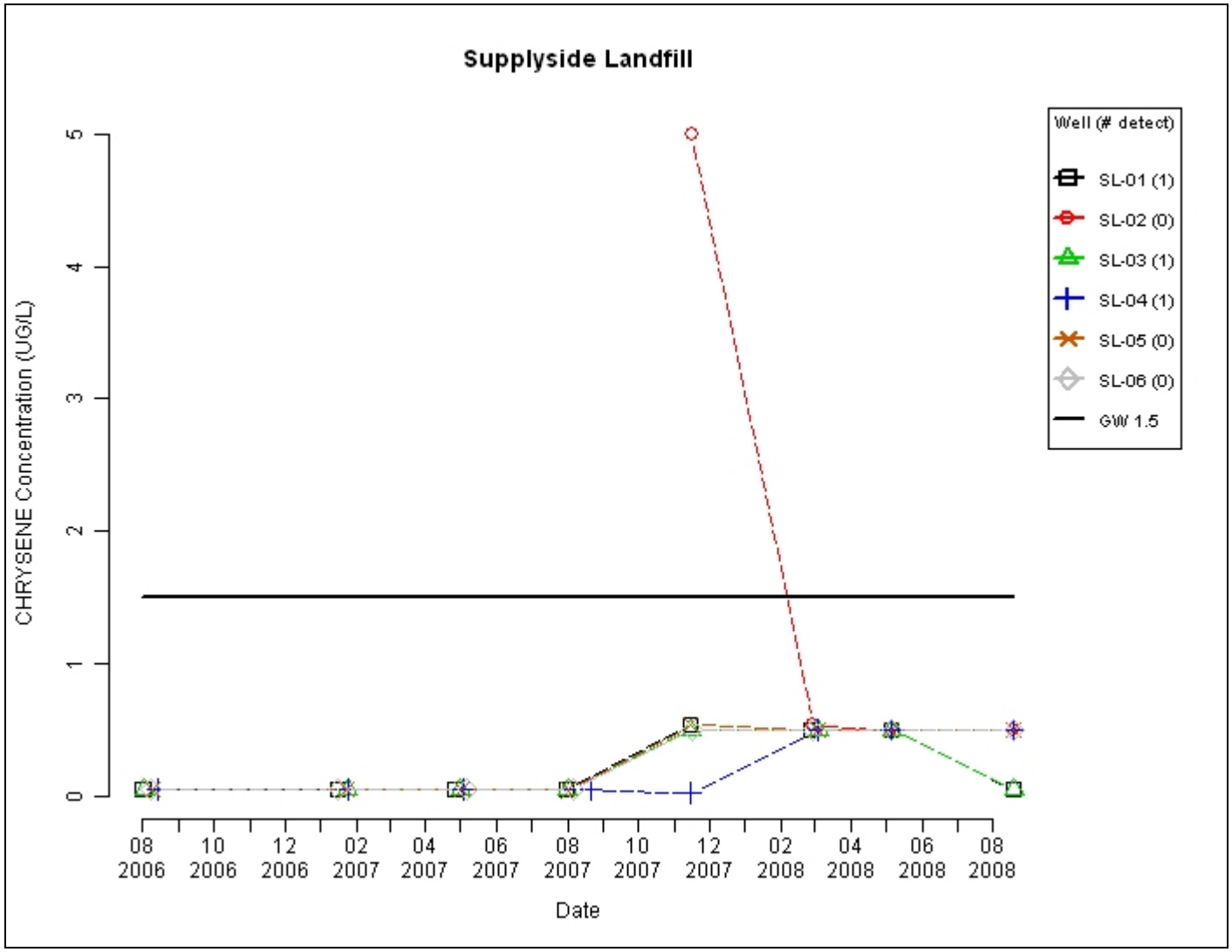

Supplyside Landfill
CHEMICAL OXYGEN DEMAND Concentration (MG/L)
0
10
20
30
40
50
60
70
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (5)
SL-02 (3)
SL-03 (3)
SL-04 (4)
SL-05 (7)
SL-06 (7)
GW NA

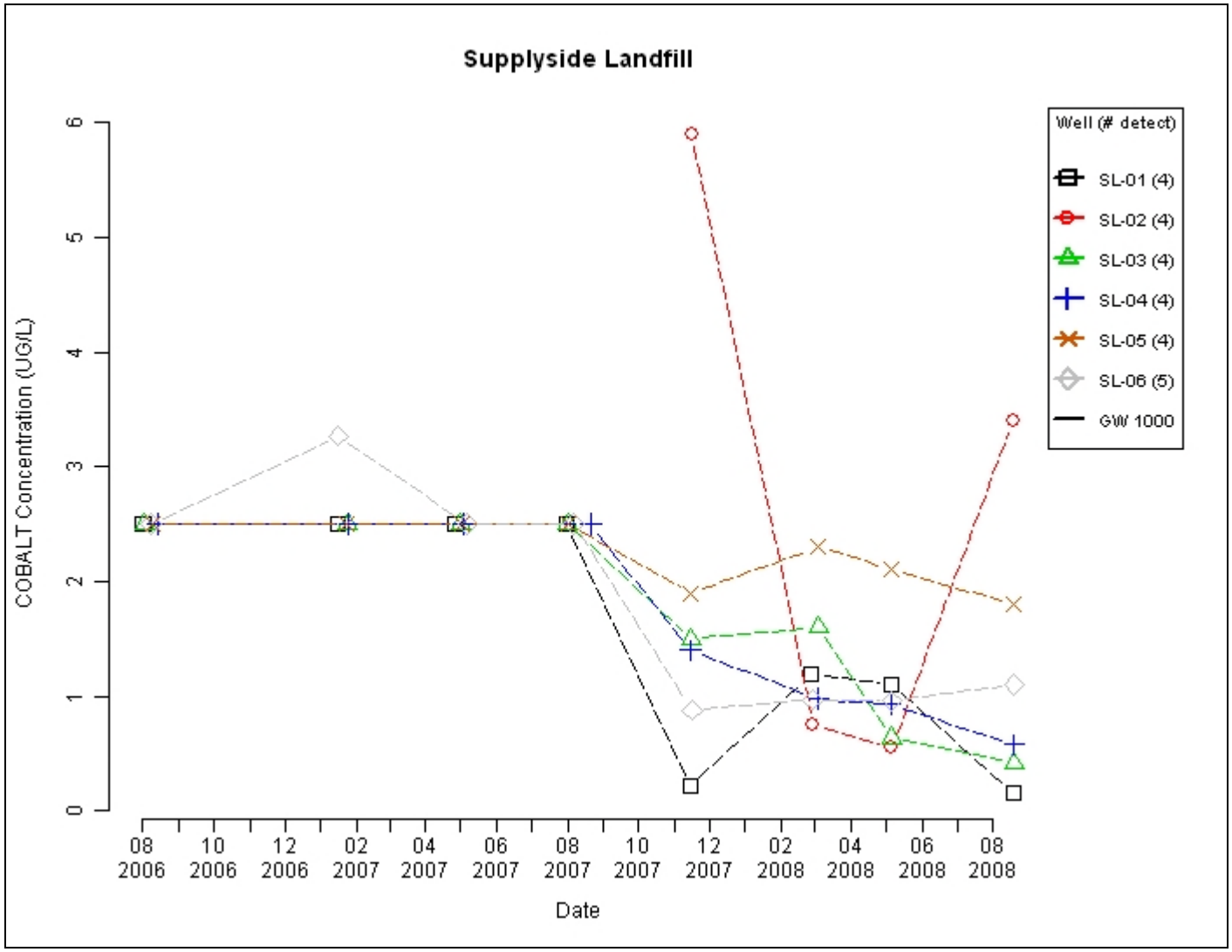

Supplyside Landfill
CHLORIDE Concentration (MG/L)
0
100
200
300
400
500
600
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 200

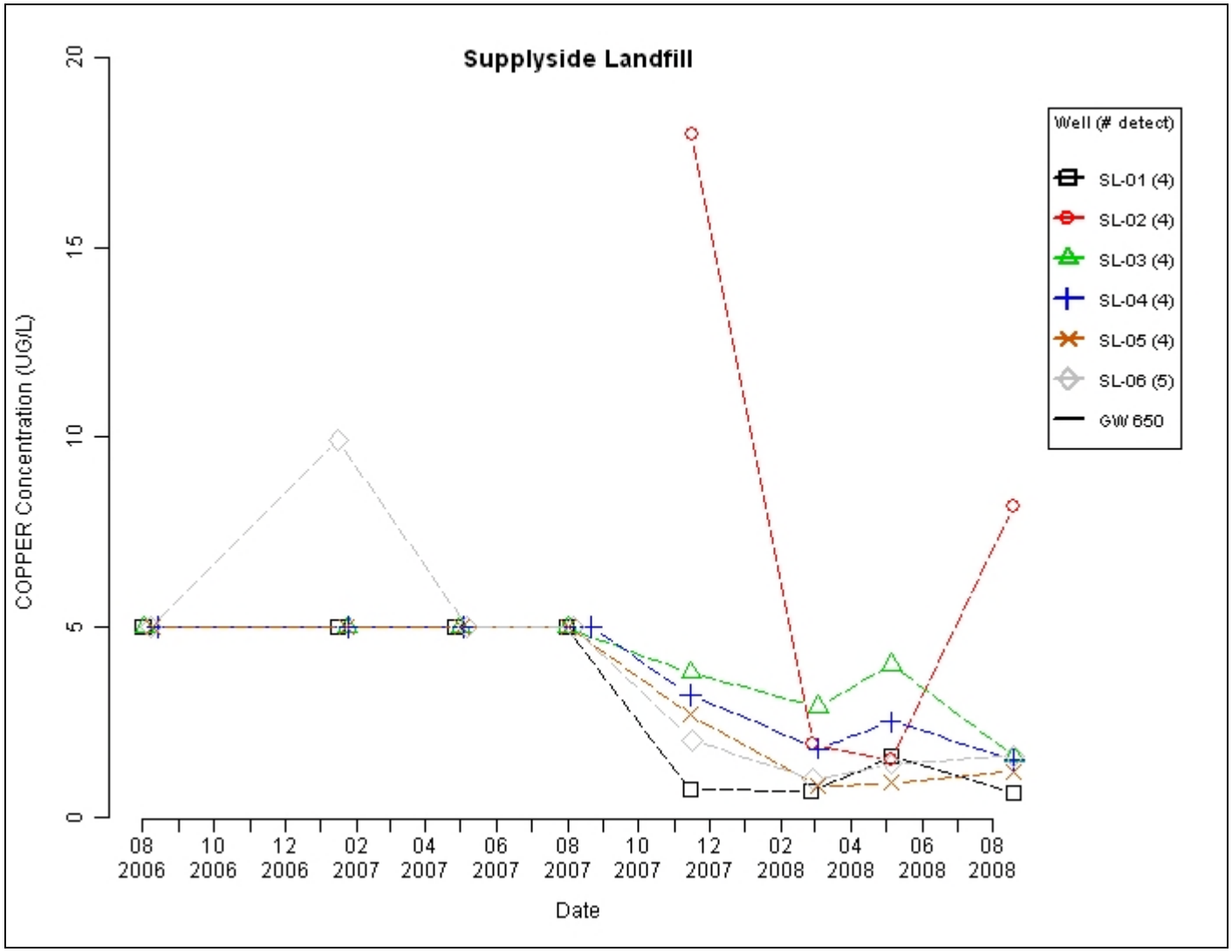

Supplyside Landfill
CHLOROFORM Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (1)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 0.2

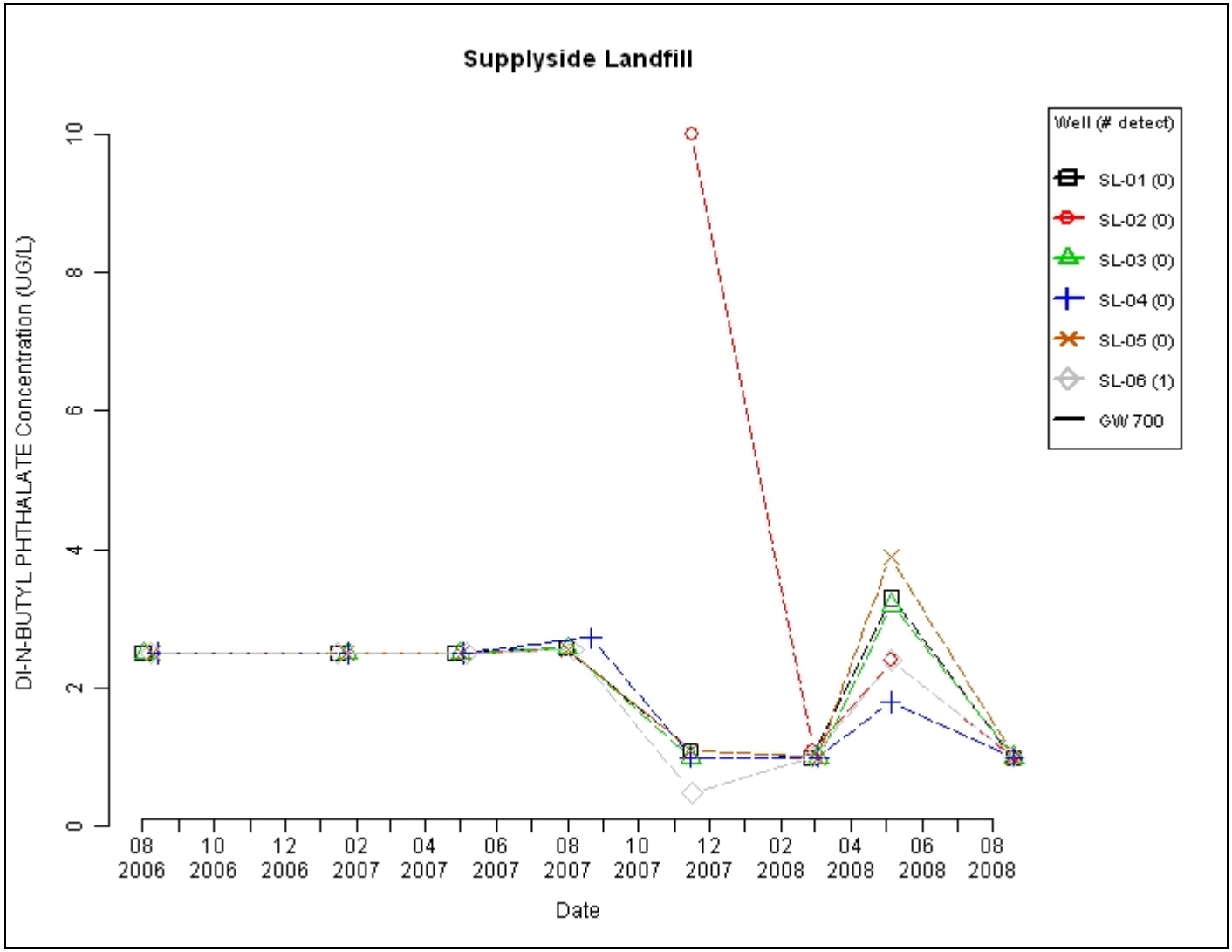

Supplyside Landfill
CHLOROMETHANE Concentration (UG/L)
0
5
10
15
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (1)
SL-05 (1)
SL-06 (1)
GW 1.8

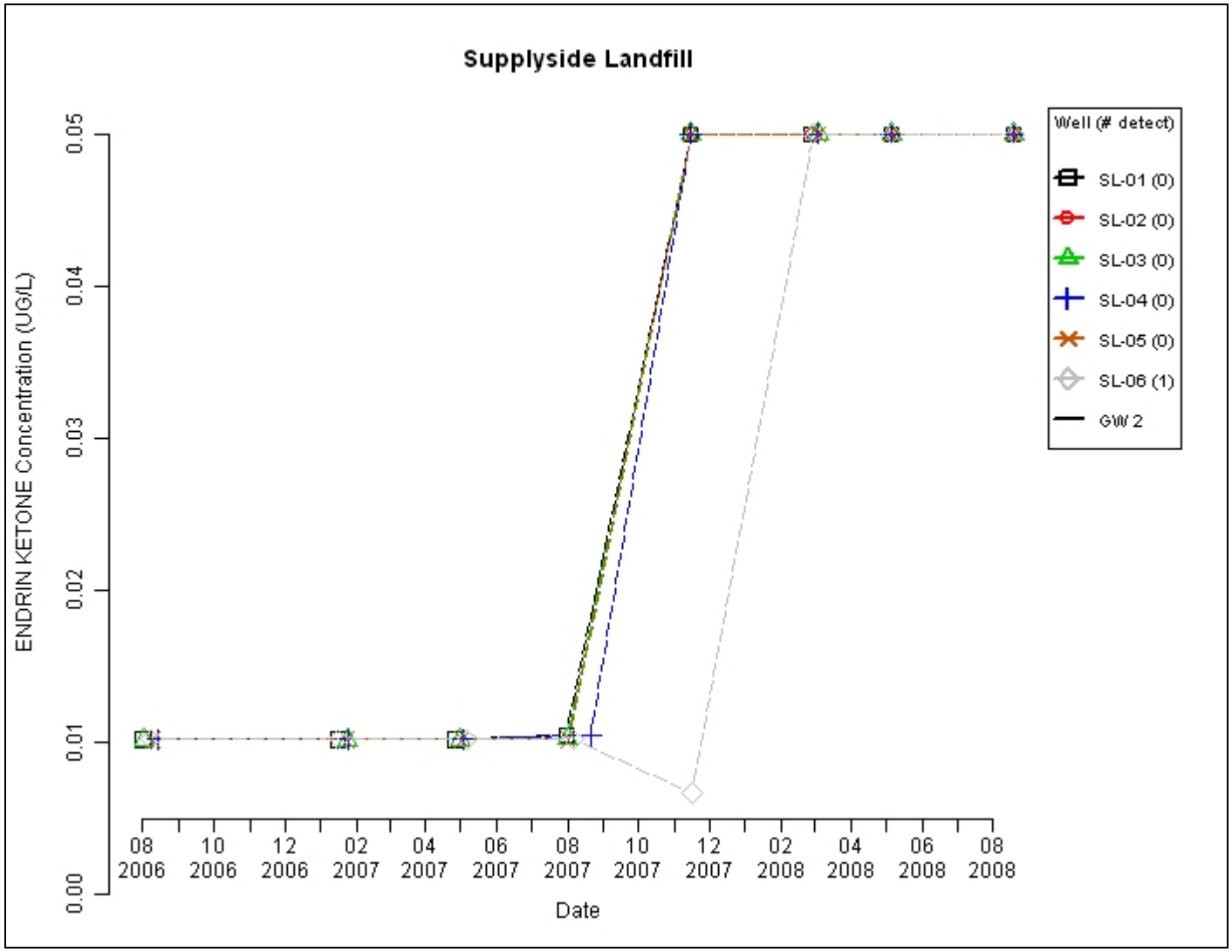

Supplyside Landfill
CHROMIUM Concentration (UG/L)
0
5
10
15
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (3)
SL-03 (2)
SL-04 (1)
SL-05 (2)
SL-06 (3)
GW 100

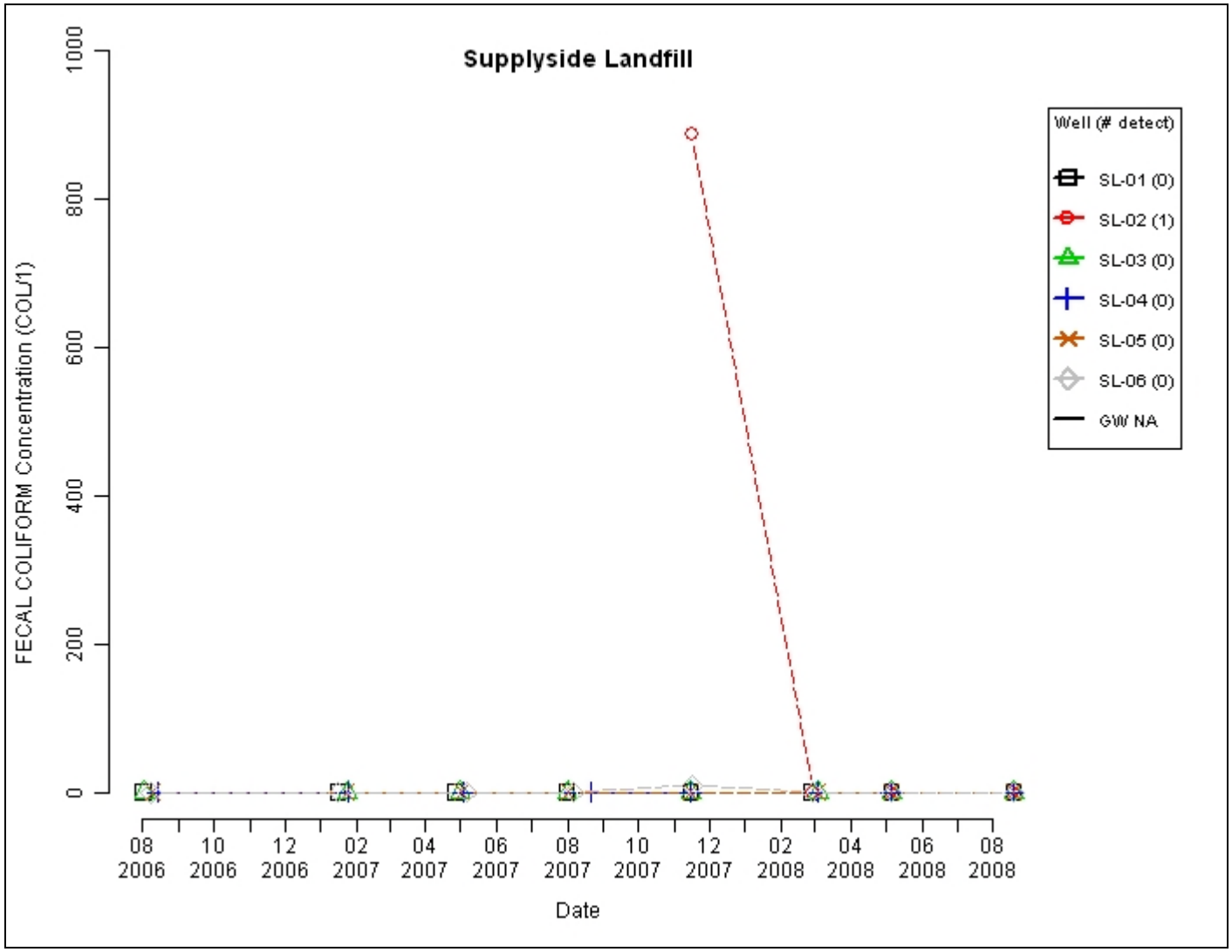

Supplyside Landfill
CHRYSENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (0)
SL-03 (1)
SL-04 (1)
SL-05 (0)
SL-06 (0)
GW 1.5

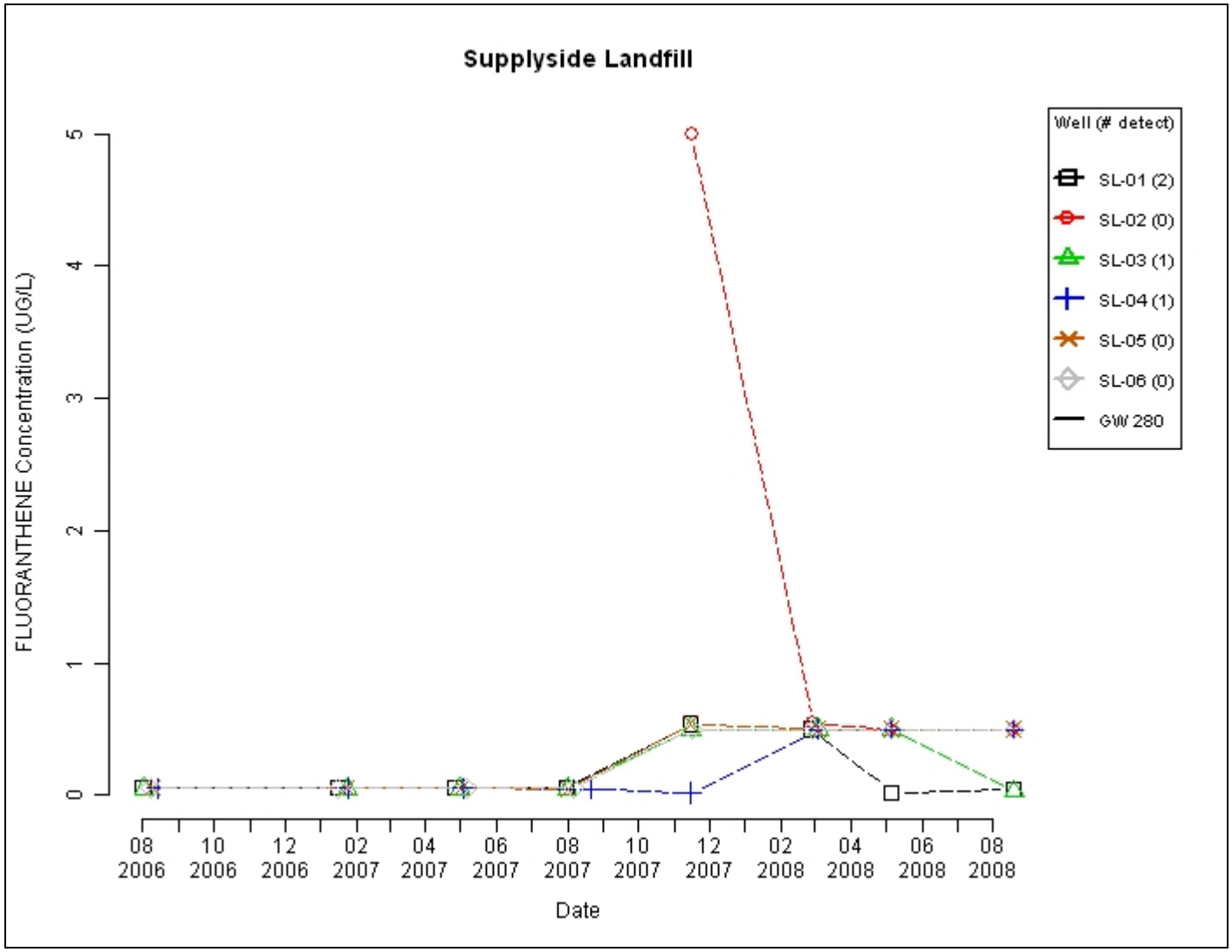

Supplyside Landfill
COBALT Concentration (UG/L)
0
1
2
3
4
5
6
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (4)
SL-02 (4)
SL-03 (4)
SL-04 (4)
SL-05 (4)
SL-06 (5)
GW 1000

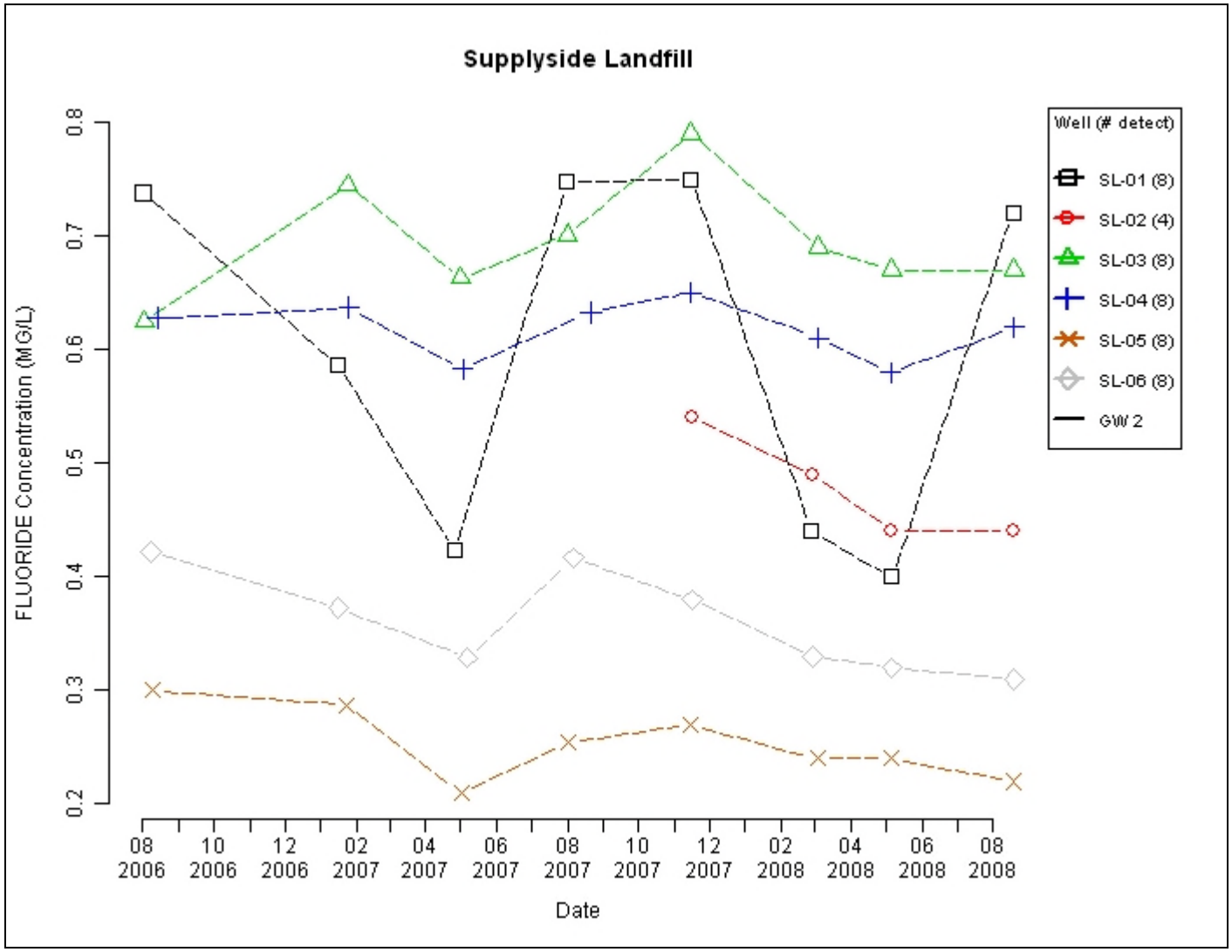

Supplyside Landfill
COPPER Concentration (UG/L)
0
5
10
15
20
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (4)
SL-02 (4)
SL-03 (4)
SL-04 (4)
SL-05 (4)
SL-06 (5)
GW 650

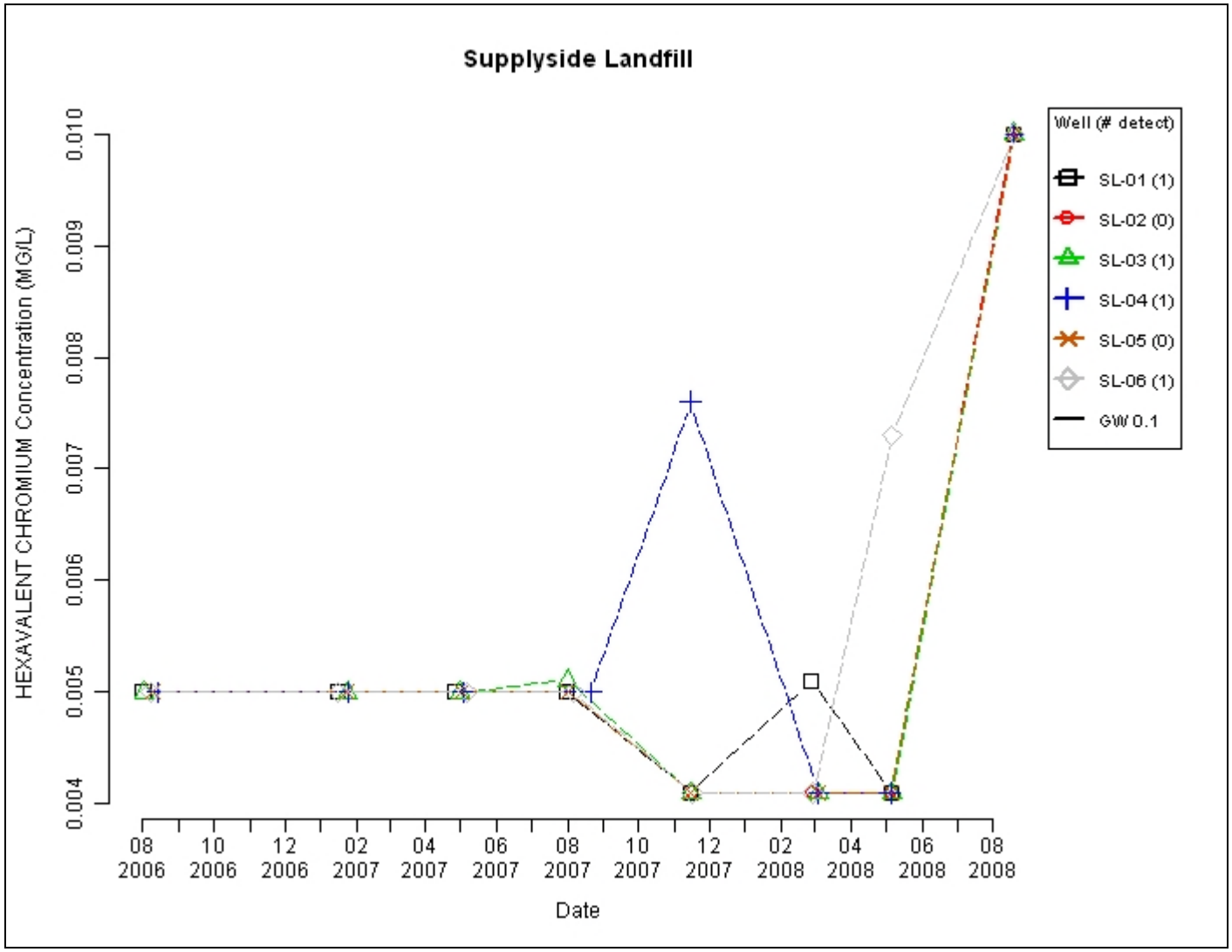

Supplyside Landfill
DI-N-BUTYL PHTHALATE Concentration (UG/L)
0
2
4
6
8
10
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (0)
SL-05 (0)
SL-06 (1)
GW 700

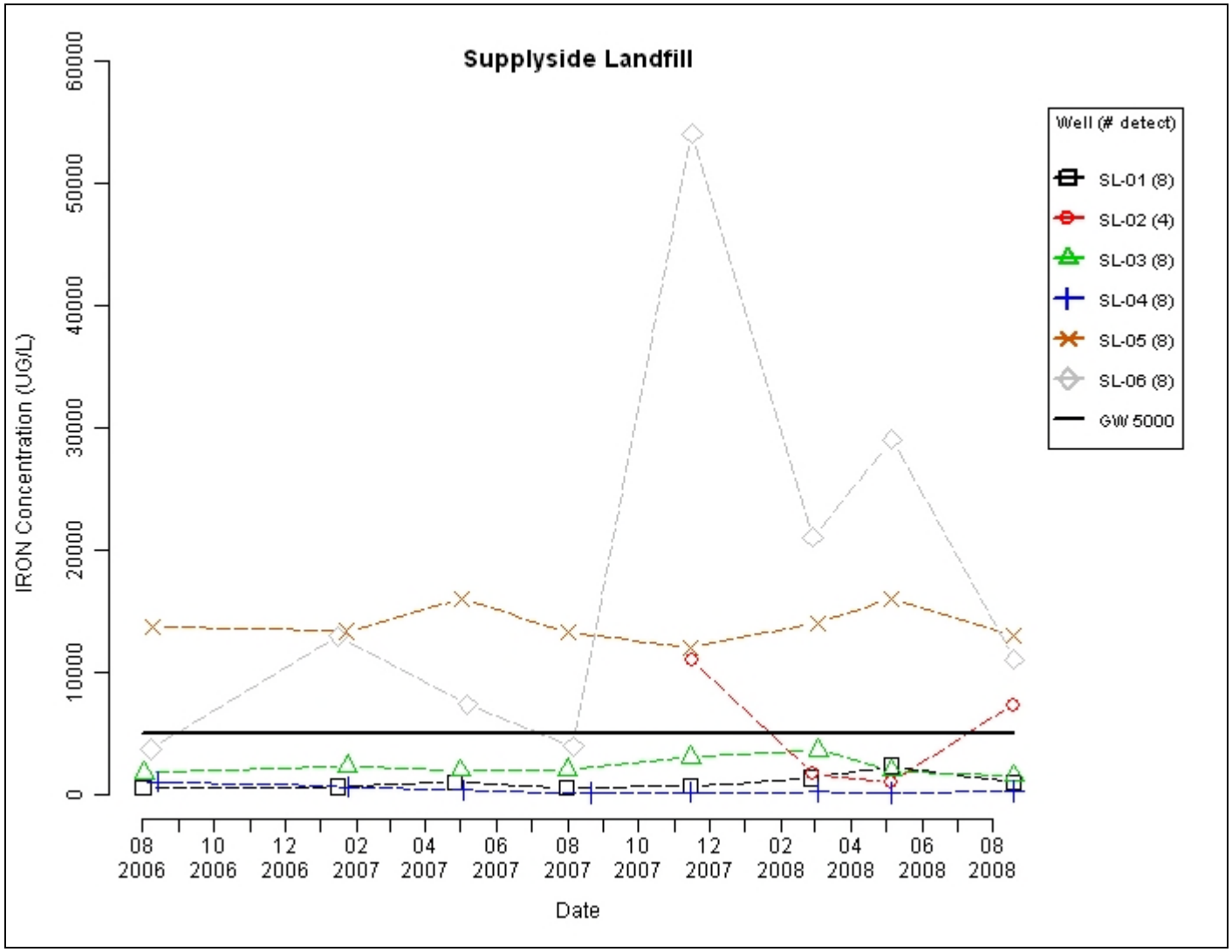

Supplyside Landfill
ENDRIN KETONE Concentration (UG/L)
0.00
0.01
0.02
0.03
0.04
0.05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-04 (0)
SL-05 (0)
SL-06 (1)
GW 2

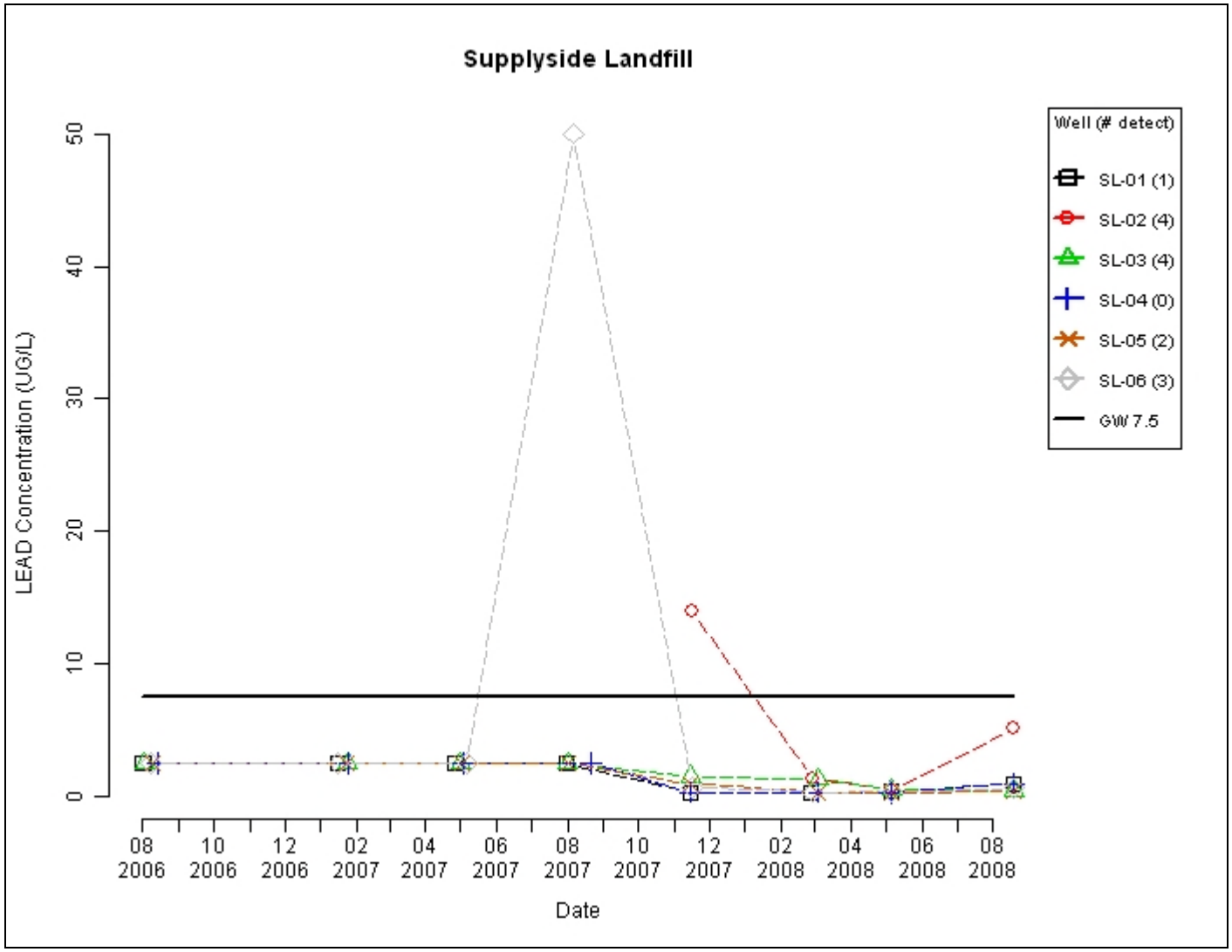

Supplyside Landfill
FECAL COLIFORM Concentration (COL/1)
0
200
400
600
800
1000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW NA

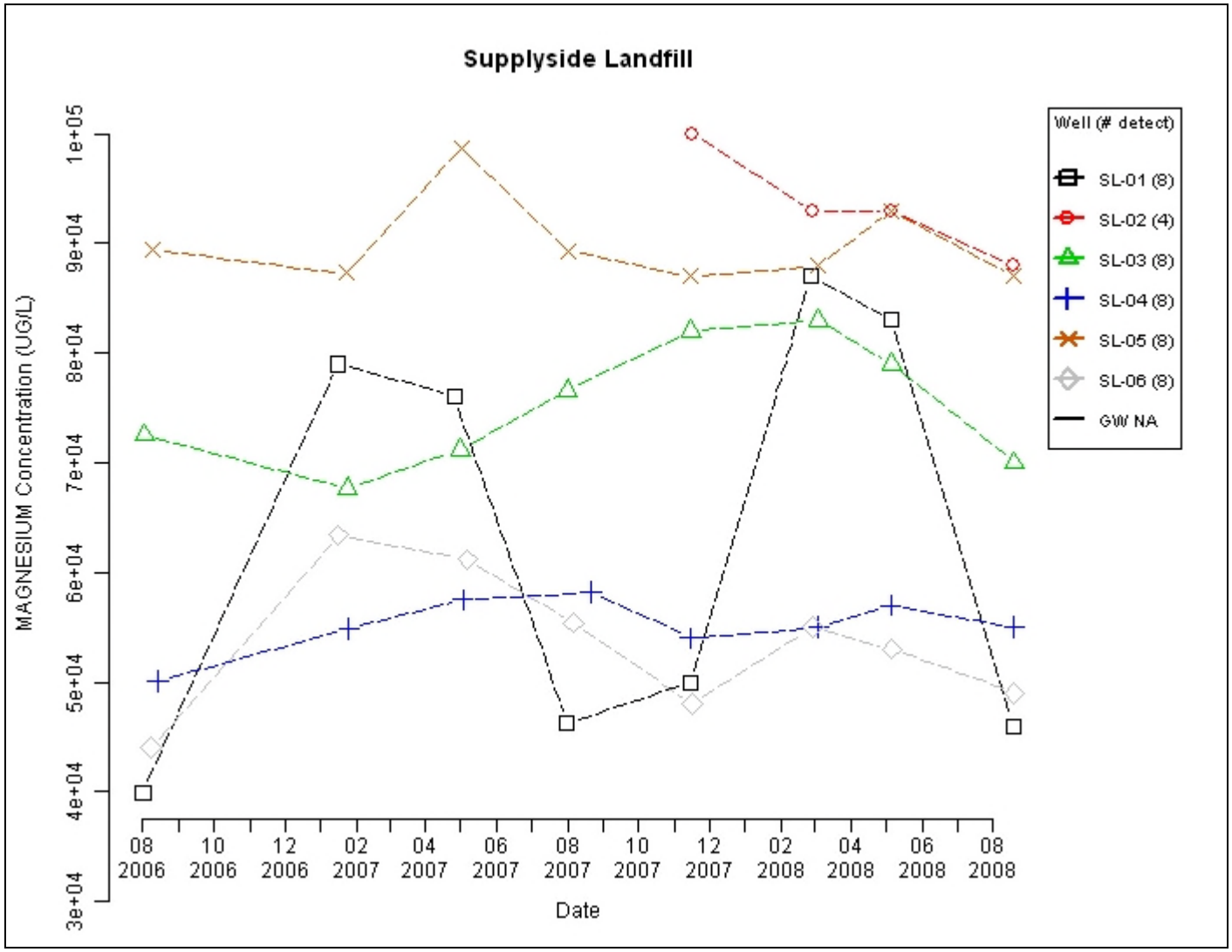

Supplyside Landfill
FLUORANTHENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (2)
SL-02 (0)
SL-03 (1)
SL-04 (1)
SL-05 (0)
SL-06 (0)
GW 280

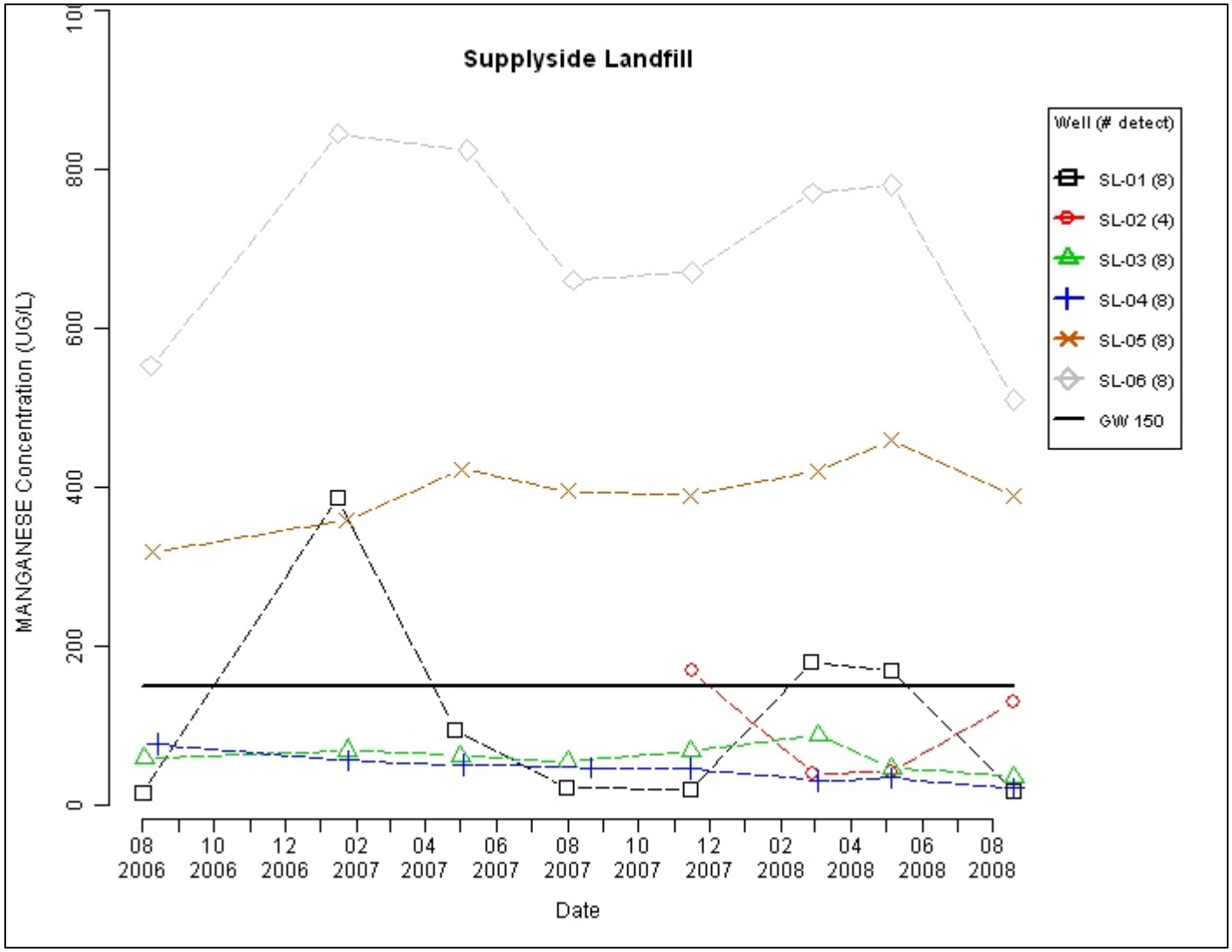

Supplyside Landfill
FLUORIDE Concentration (MG/L)
0.2
0.3
0.4
0.5
0.6
0.7
0.8
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 2

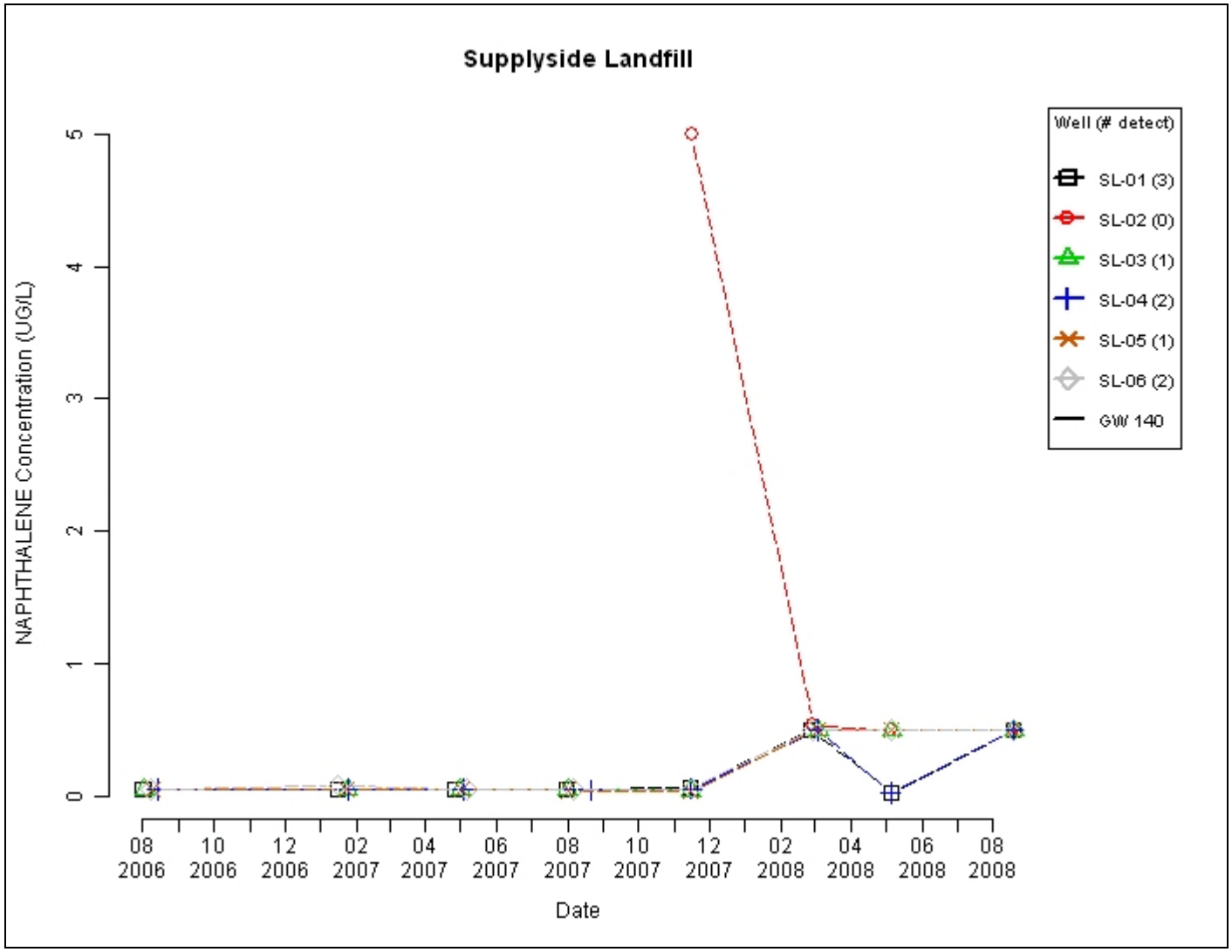

Supplyside Landfill
HEXAVALENT CHROMIUM Concentration (MG/L)
0.004
0.005
0.006
0.007
0.008
0.009
0.010
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (0)
SL-03 (1)
SL-04 (1)
SL-05 (0)
SL-06 (1)
GW 0.1

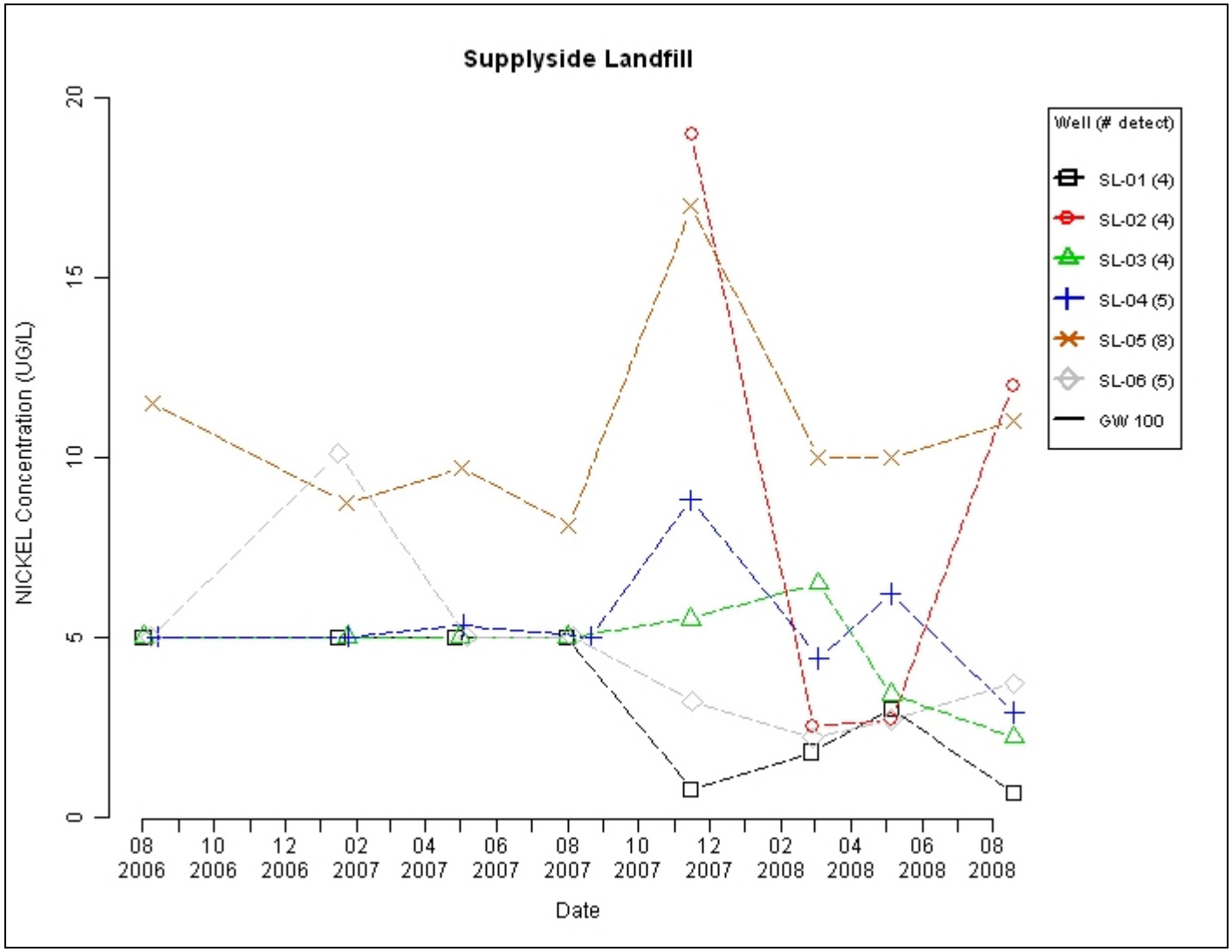

Supplyside Landfill
IRON Concentration (UG/L)
0
10000
20000
30000
40000
50000
60000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 5000

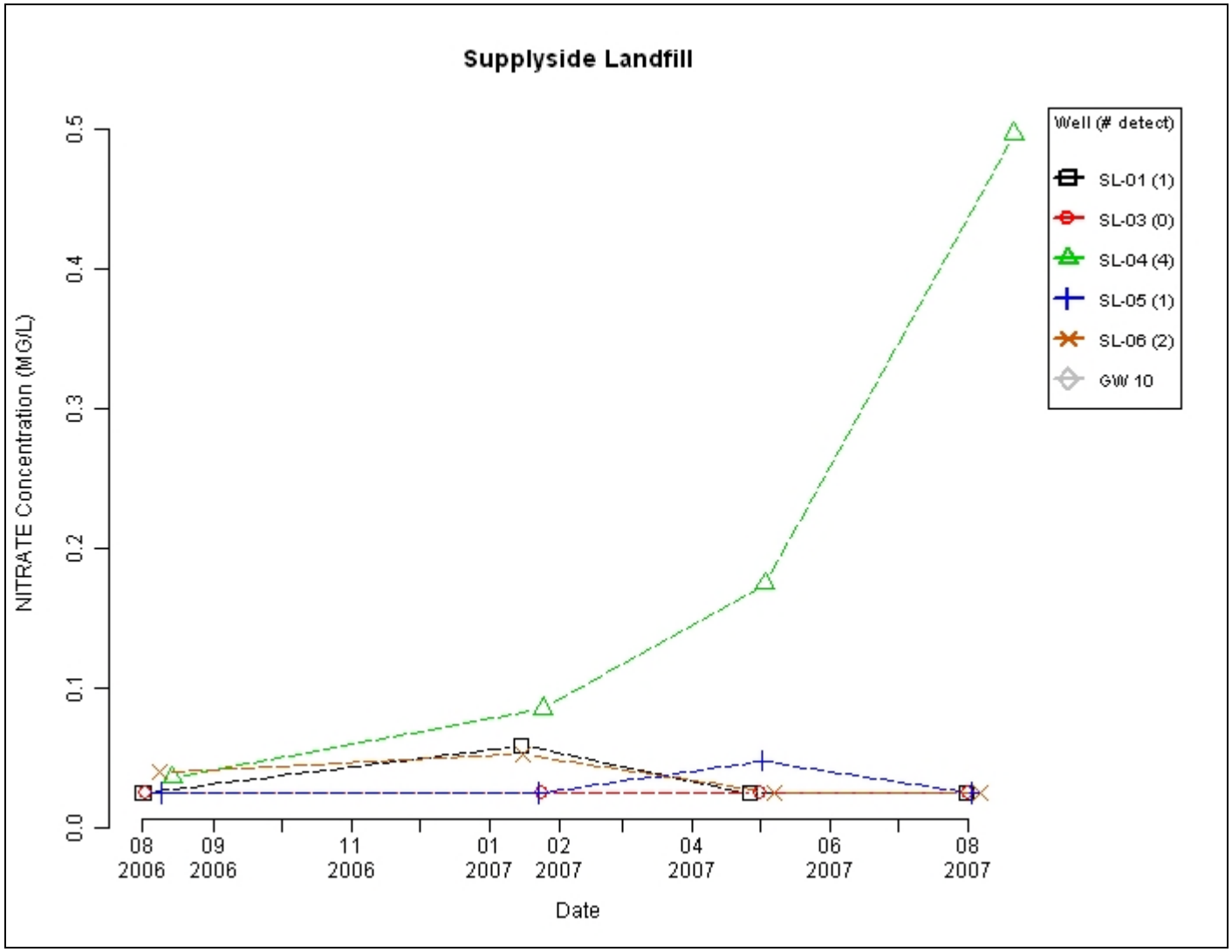

Supplyside Landfill
LEAD Concentration (UG/L)
0
10
20
30
40
50
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (4)
SL-03 (4)
SL-04 (0)
SL-05 (2)
SL-06 (3)
GW 7.5

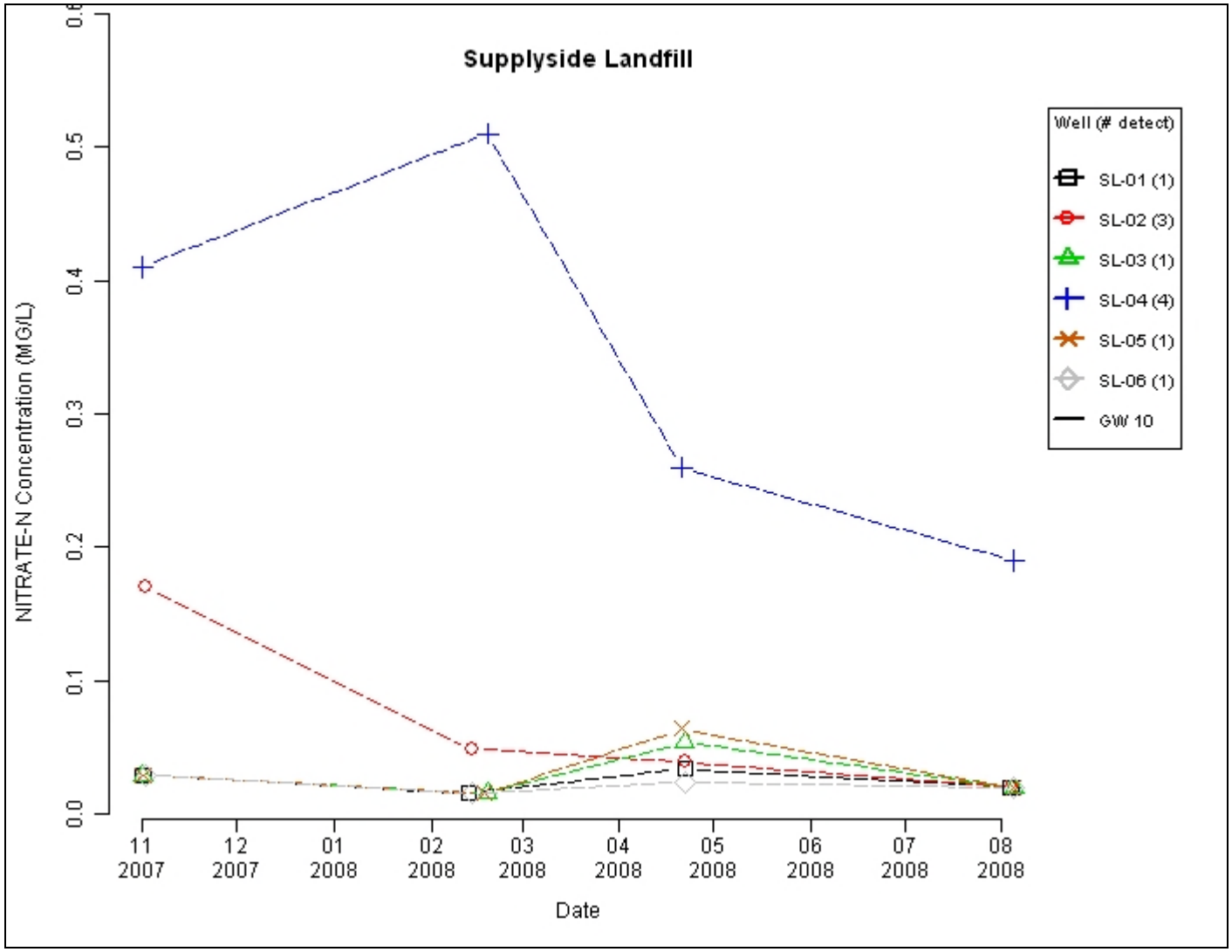

Supplyside Landfill
MAGNESIUM Concentration (UG/L)
3e+04
4e+04
5e+04
6e+04
7e+04
8e+04
9e+04
1e+05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW NA

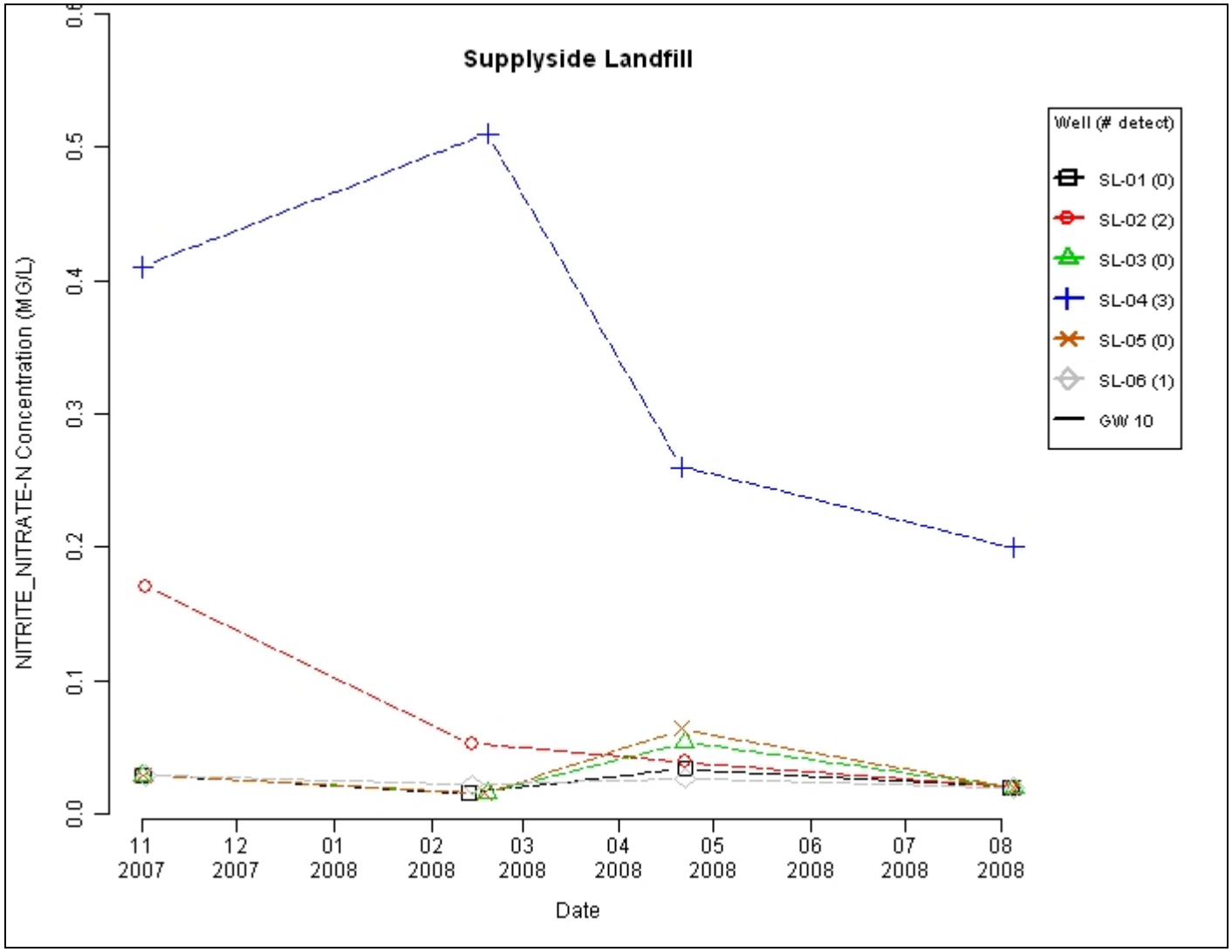

Supplyside Landfill
MANGANESE Concentration (UG/L)
0
200
400
600
800
1000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 150

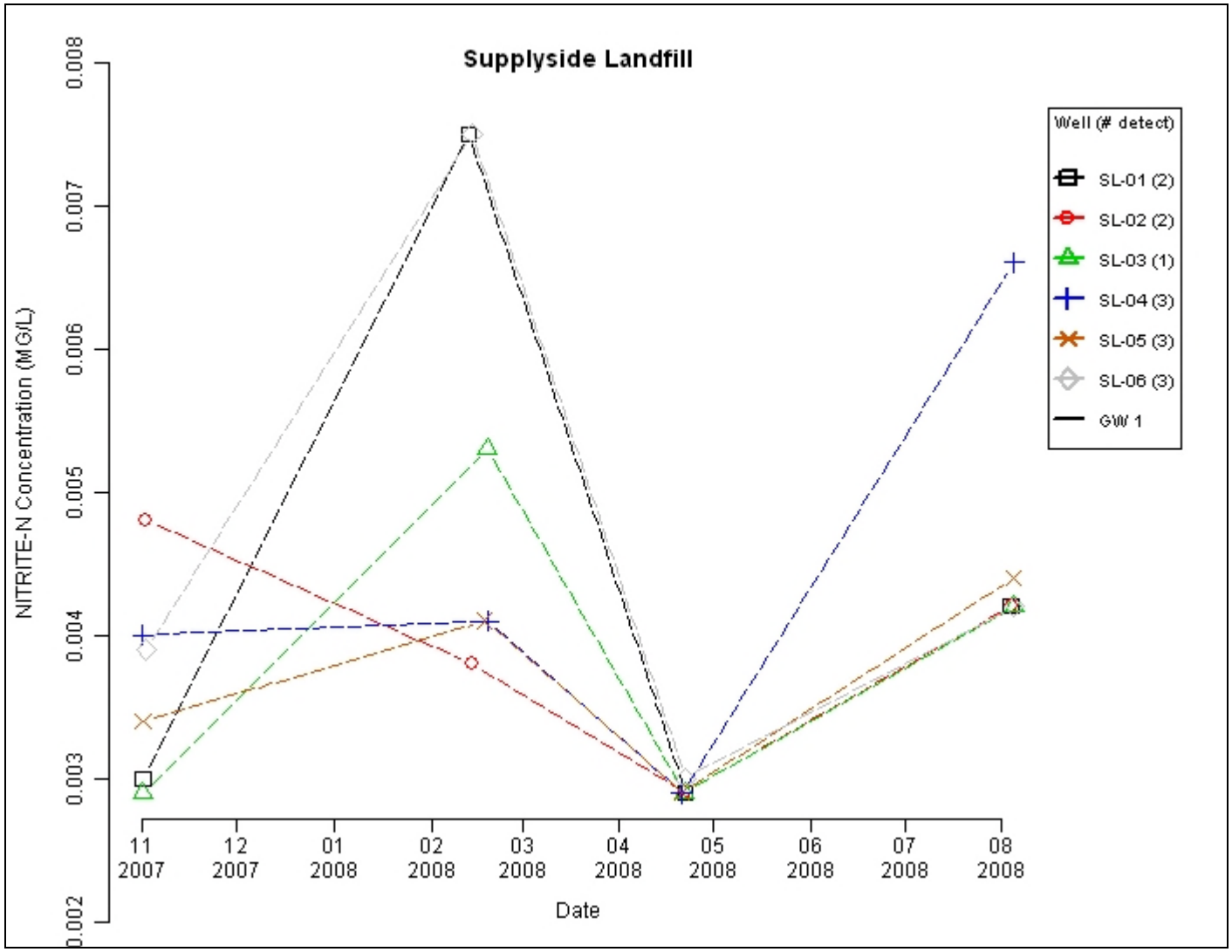

Supplyside Landfill
NAPHTHALENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (3)
SL-02 (0)
SL-03 (1)
SL-04 (2)
SL-05 (1)
SL-06 (2)
GW 140

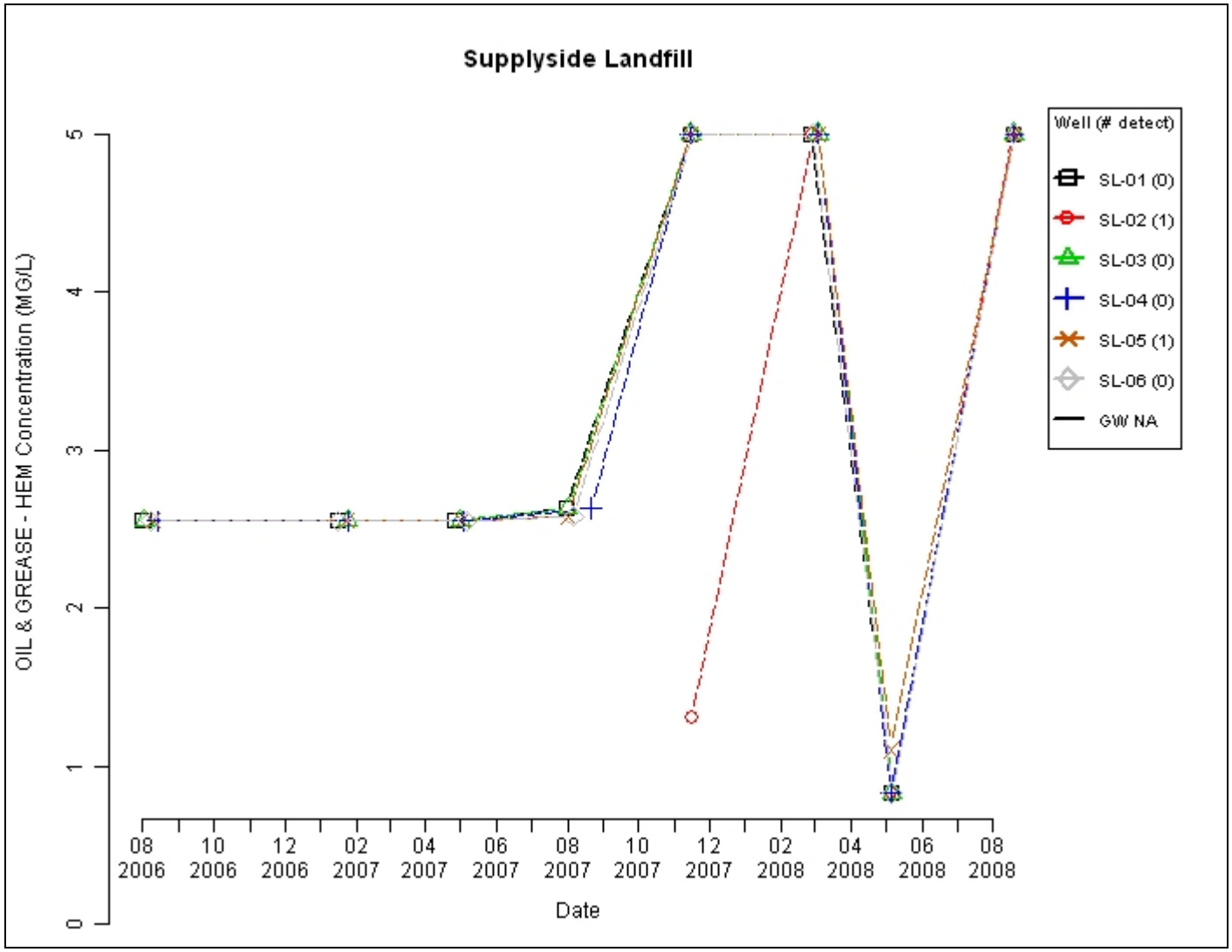

Supplyside Landfill
NICKEL Concentration (UG/L)
0
5
10
15
20
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (4)
SL-02 (4)
SL-03 (4)
SL-04 (5)
SL-05 (8)
SL-06 (5)
GW 100

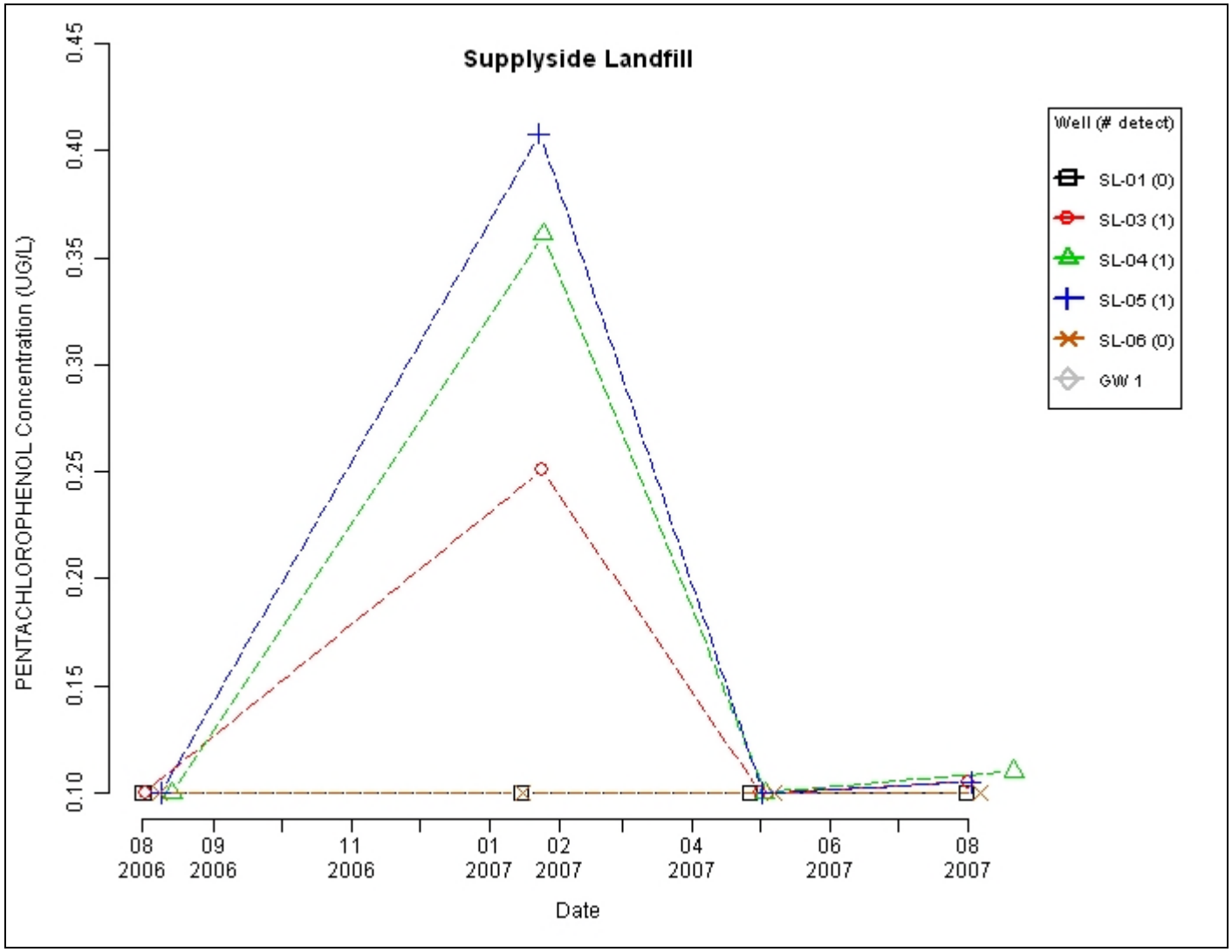

Supplyside Landfill
NITRATE Concentration (MG/L)
0.0
0.1
0.2
0.3
0.4
0.5
08 2006
09 2006
11 2006
01 2007
02 2007
04 2007
06 2007
08 2007
Date
Well (# detect)
SL-01 (1)
SL-03 (0)
SL-04 (4)
SL-05 (1)
SL-06 (2)
GW 10

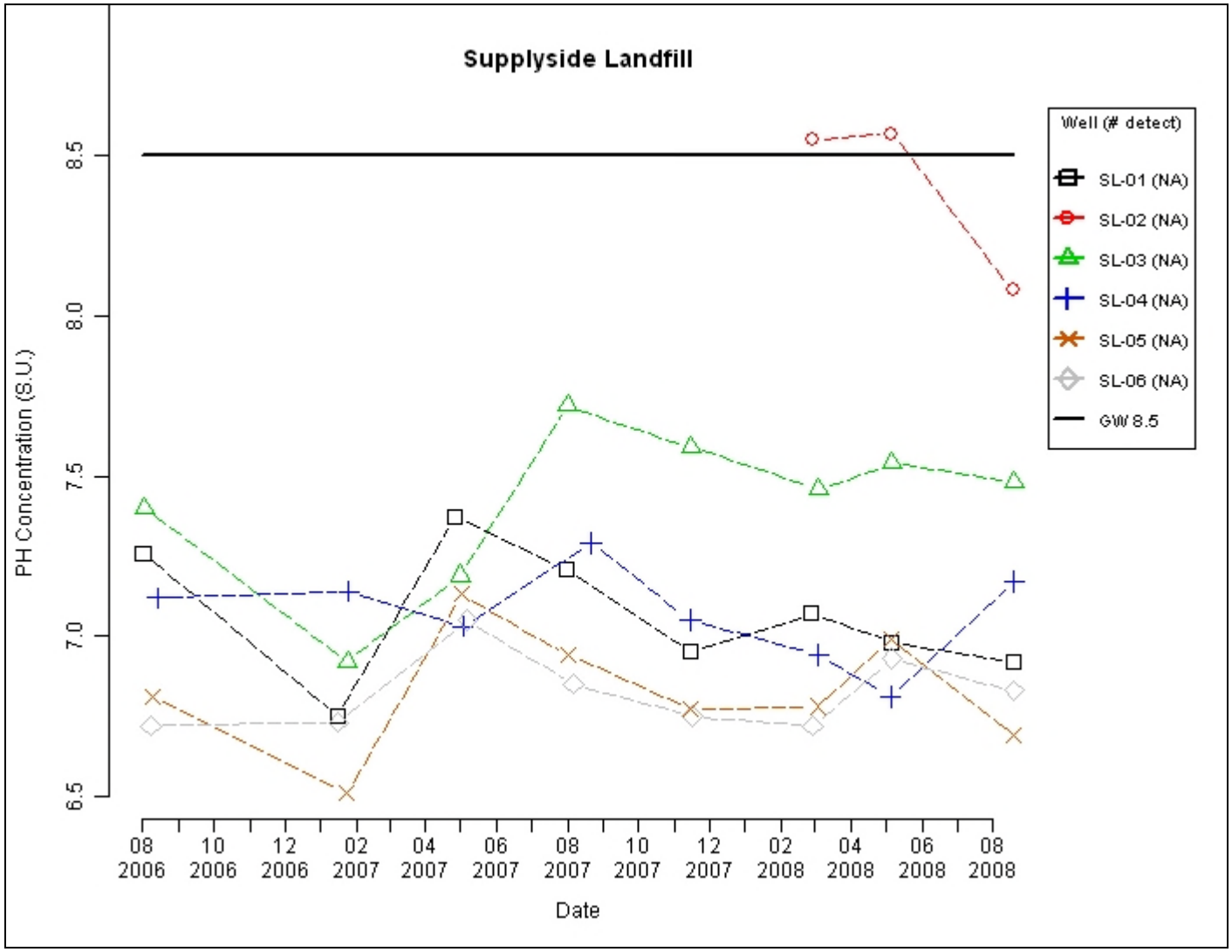

Supplyside Landfill
NITRATE-N Concentration (MG/L)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (3)
SL-03 (1)
SL-04 (4)
SL-05 (1)
SL-06 (1)
GW 10

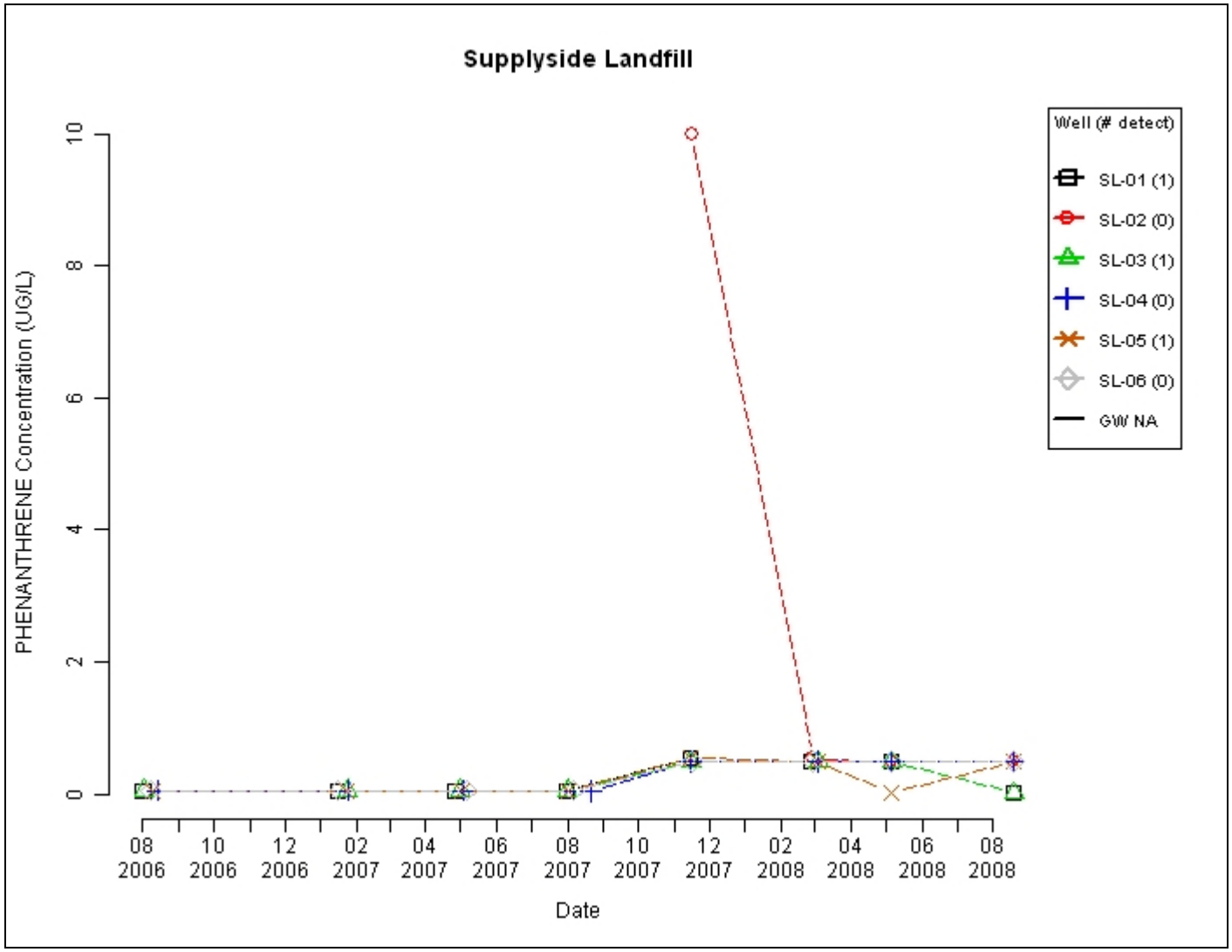

Supplyside Landfill
NITRITE_NITRATE-N Concentration (MG/L)
0.0
0.1
0.2
0.3
0.4
0.5
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (2)
SL-03 (0)
SL-04 (3)
SL-05 (0)
SL-06 (1)
GW 10

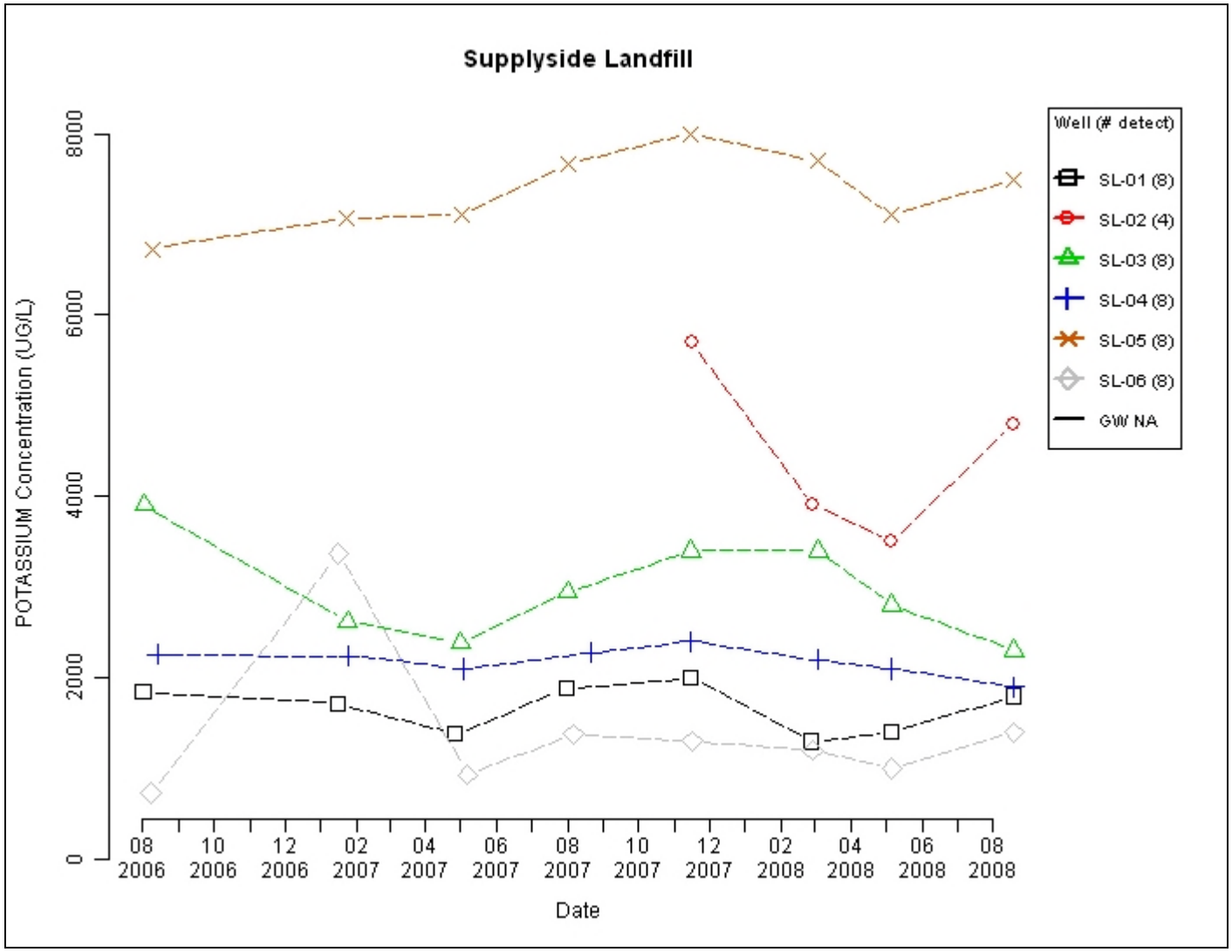

Supplyside Landfill
NITRITE-N Concentration (MG/L)
0.002
0.003
0.004
0.005
0.006
0.007
0.008
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (2)
SL-02 (2)
SL-03 (1)
SL-04 (3)
SL-05 (3)
SL-06 (3)
GW 1

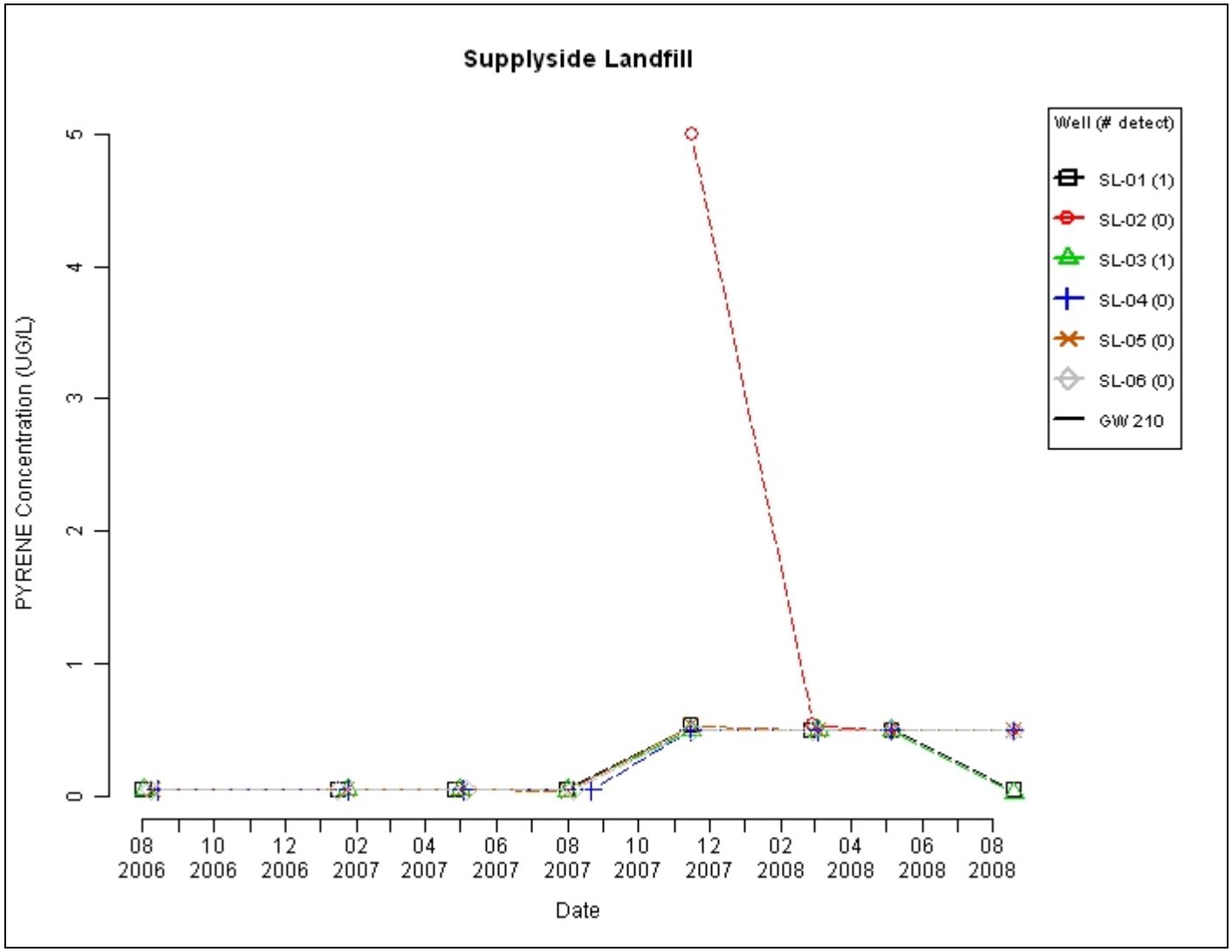

Supplyside Landfill
OIL & GREASE - HEM Concentration (MG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-04 (0)
SL-05 (1)
SL-06 (0)
GW NA

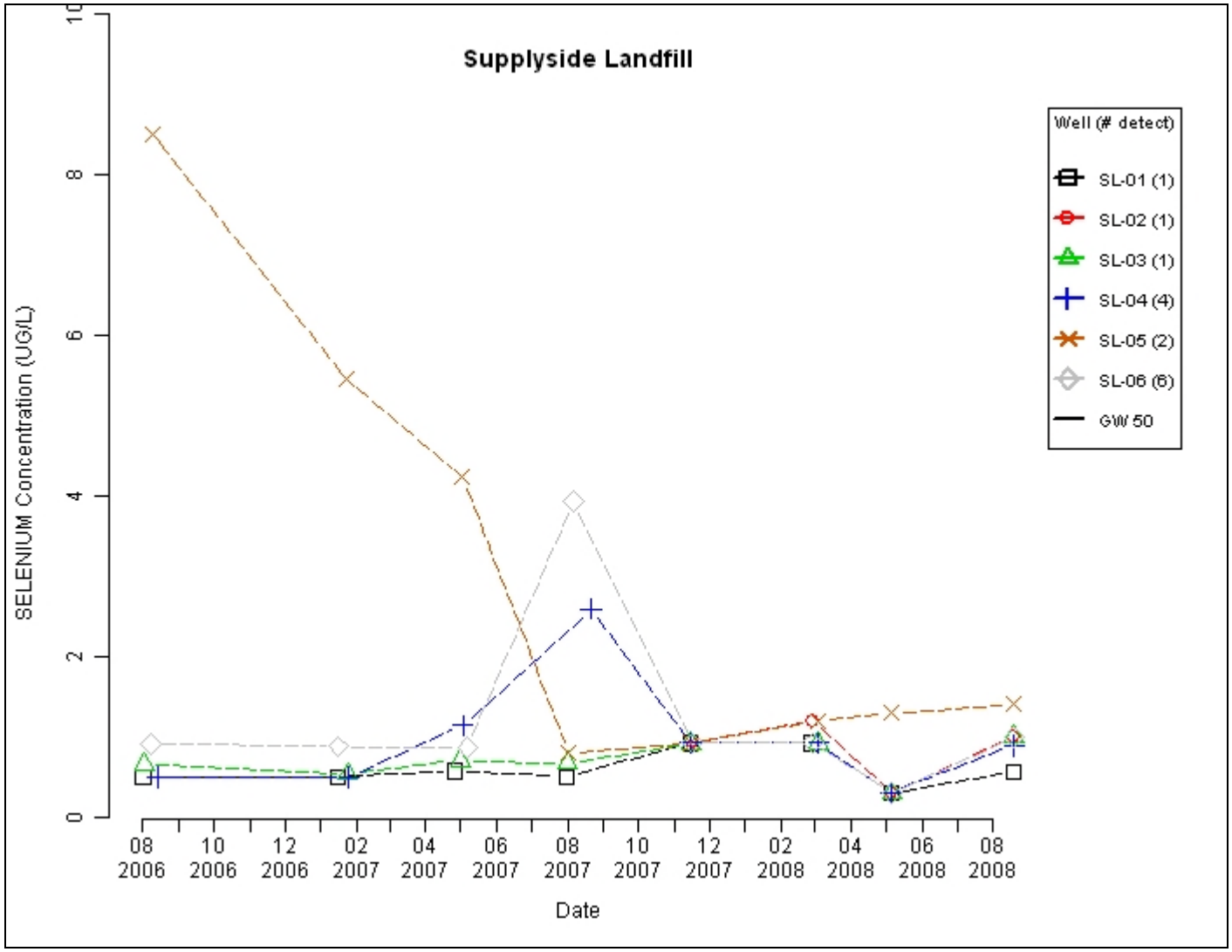

Supplyside Landfill
PENTACHLOROPHENOL Concentration (UG/L)
0.10
0.15
0.20
0.25
0.30
0.35
0.40
0.45
08 2006
09 2006
11 2006
01 2007
02 2007
04 2007
06 2007
08 2007
Date
Well (# detect)
SL-01 (0)
SL-03 (1)
SL-04 (1)
SL-05 (1)
SL-06 (0)
GW 1

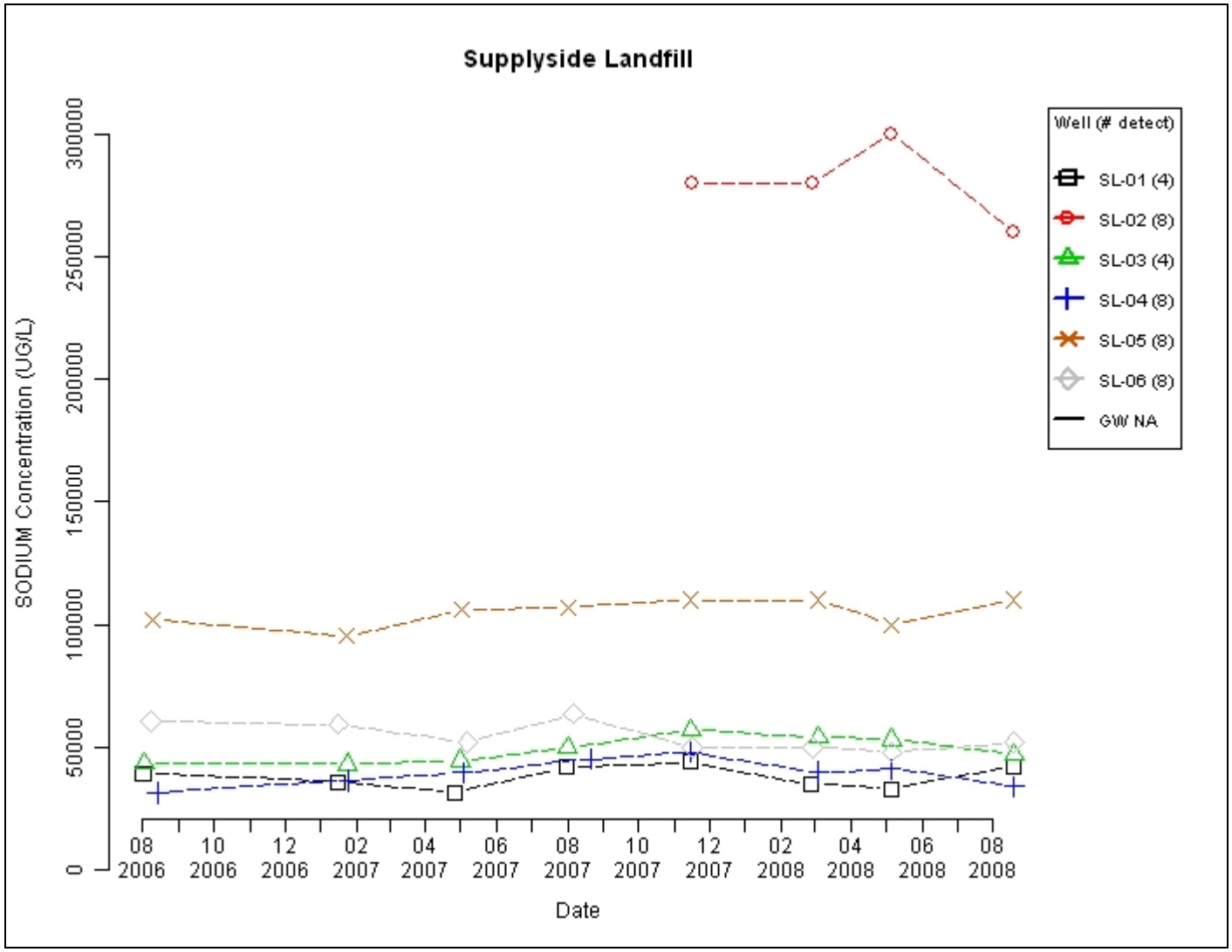

Supplyside Landfill
PH Concentration (S.U.)
8.5
8.0
7.5
7.0
6.5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (NA)
SL-02 (NA)
SL-03 (NA)
SL-04 (NA)
SL-05 (NA)
SL-06 (NA)
GW 8.5

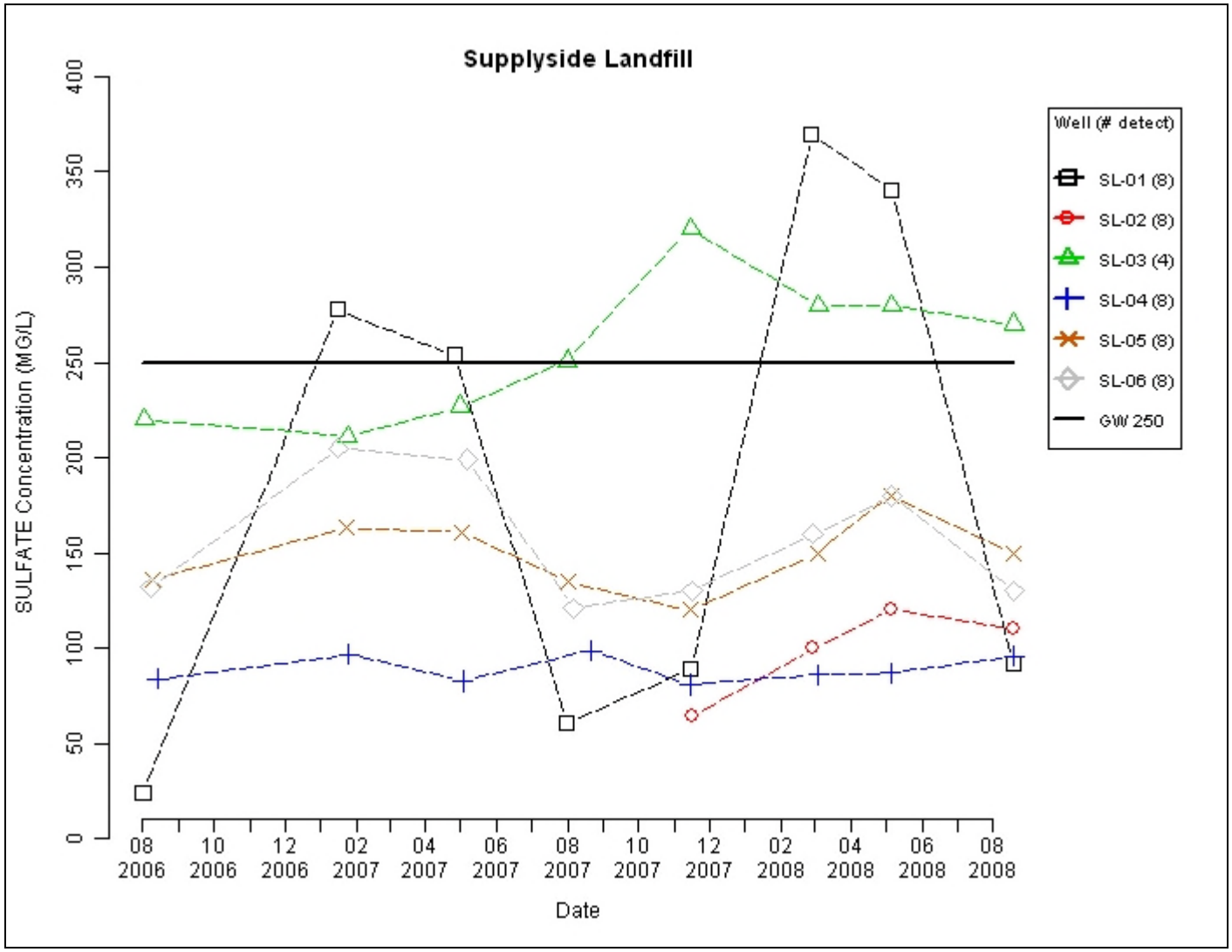

Supplyside Landfill
PHENANTHRENE Concentration (UG/L)
0
2
4
6
8
10
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (0)
SL-03 (1)
SL-04 (0)
SL-05 (1)
SL-06 (0)
GW NA

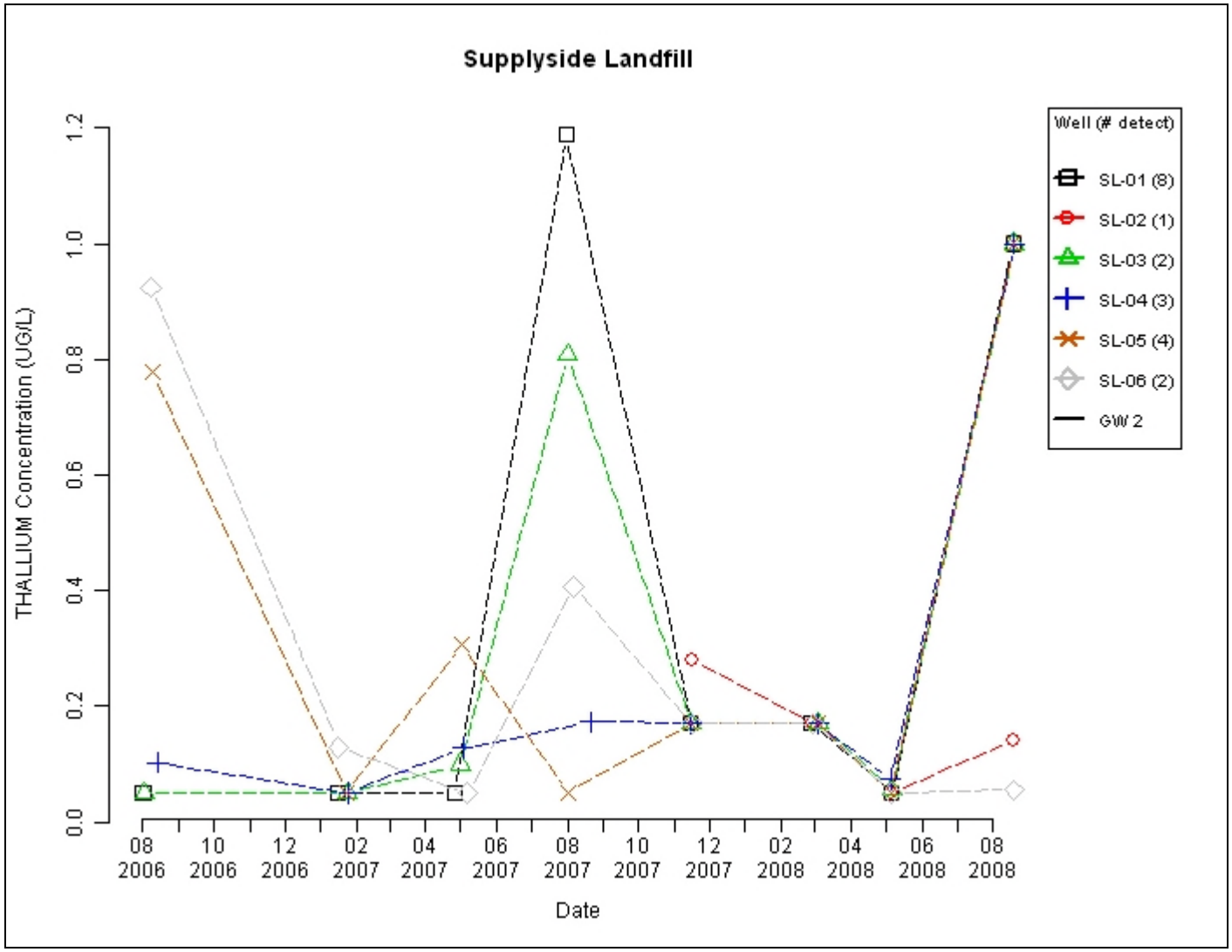

Supplyside Landfill
POTASSIUM Concentration (UG/L)
0
2000
4000
6000
8000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (4)
SL-03 (8)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW NA

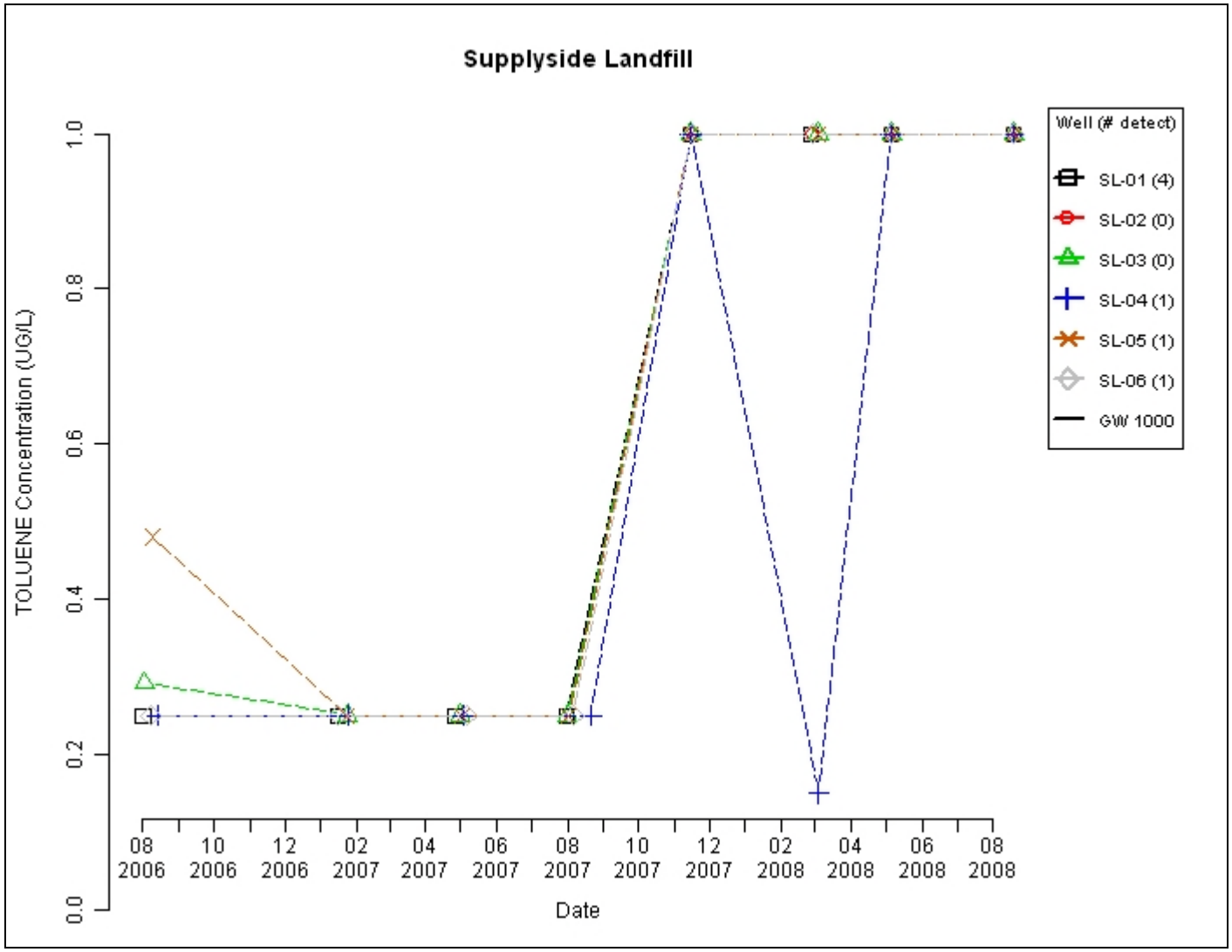

Supplyside Landfill
PYRENE Concentration (UG/L)
0
1
2
3
4
5
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (0)
SL-03 (1)
SL-04 (0)
SL-05 (0)
SL-06 (0)
GW 210

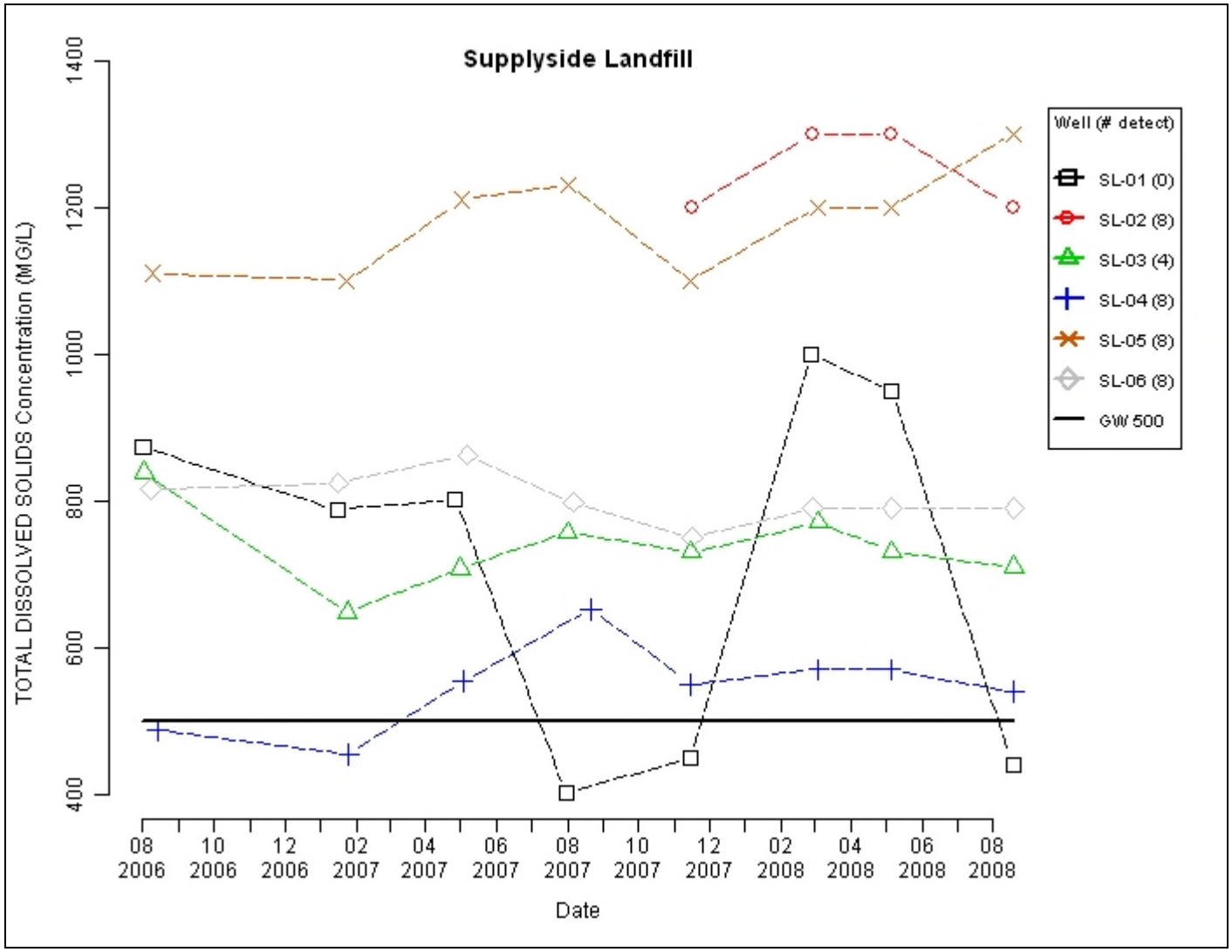

Supplyside Landfill
SELENIUM Concentration (UG/L)
0
2
4
6
8
10
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (1)
SL-03 (1)
SL-04 (4)
SL-05 (2)
SL-06 (6)
GW 50

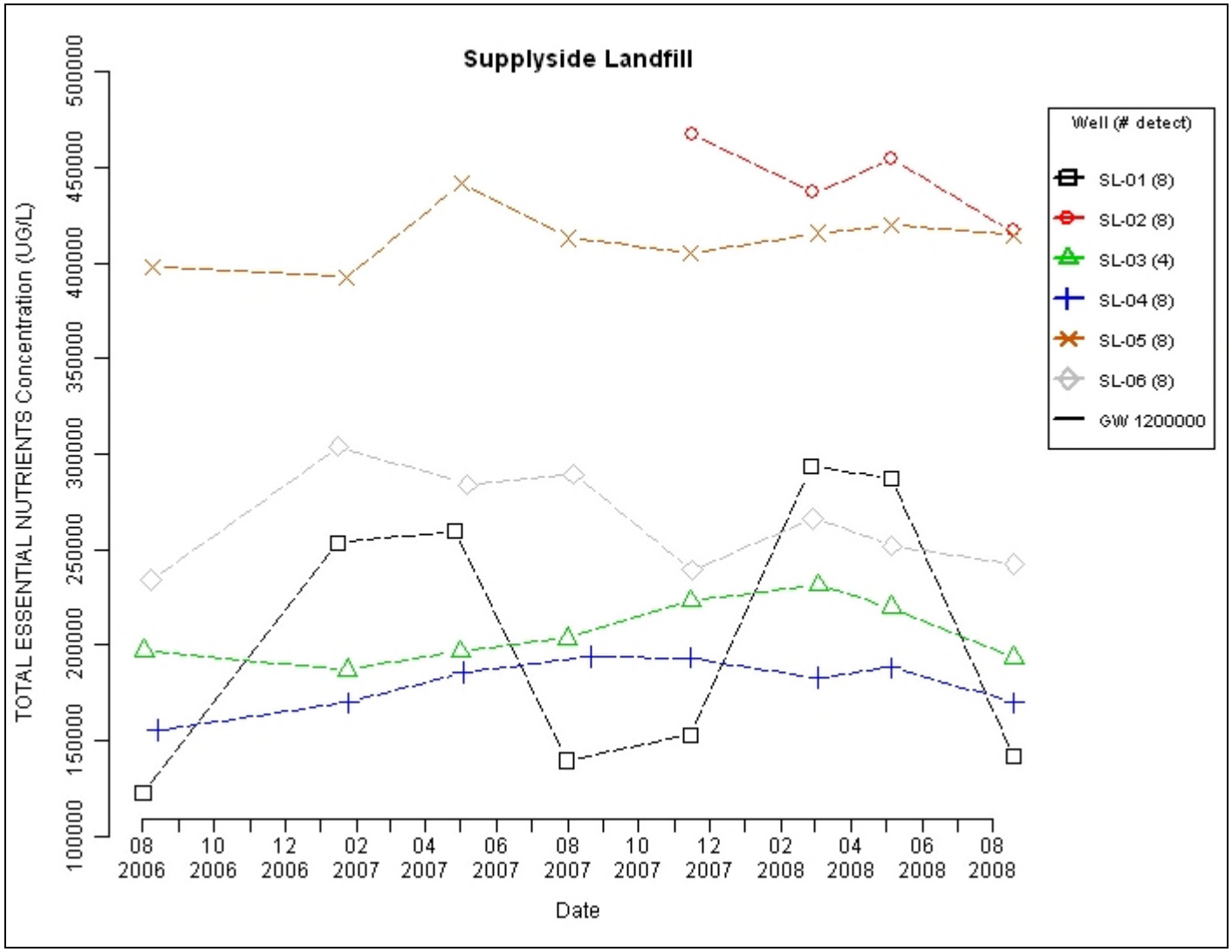

Supplyside Landfill
SODIUM Concentration (UG/L)
0
50000
100000
150000
200000
250000
300000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (4)
SL-02 (8)
SL-03 (4)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW NA

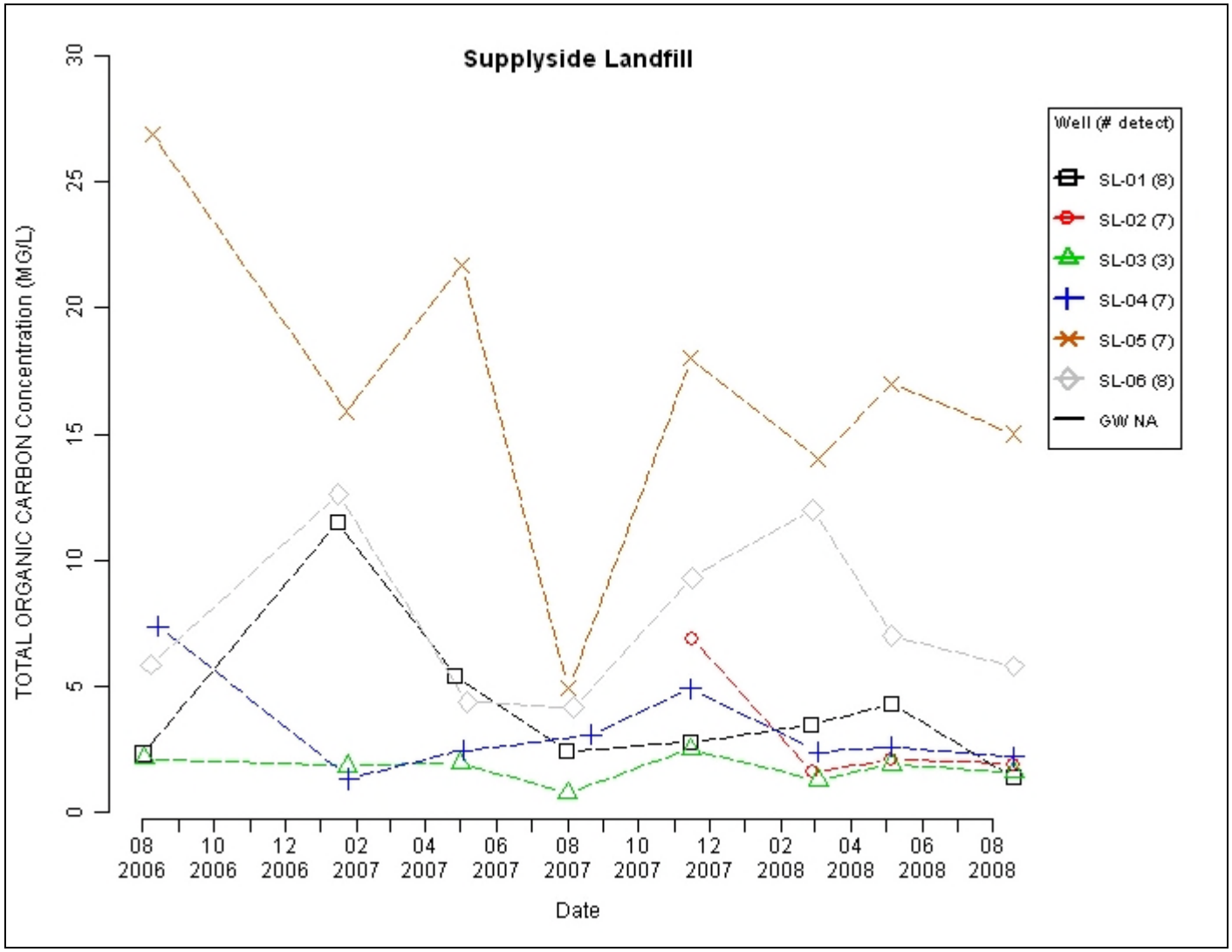

Supplyside Landfill
SULFATE Concentration (MG/L)
0
50
100
150
200
250
300
350
400
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (8)
SL-03 (4)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 250

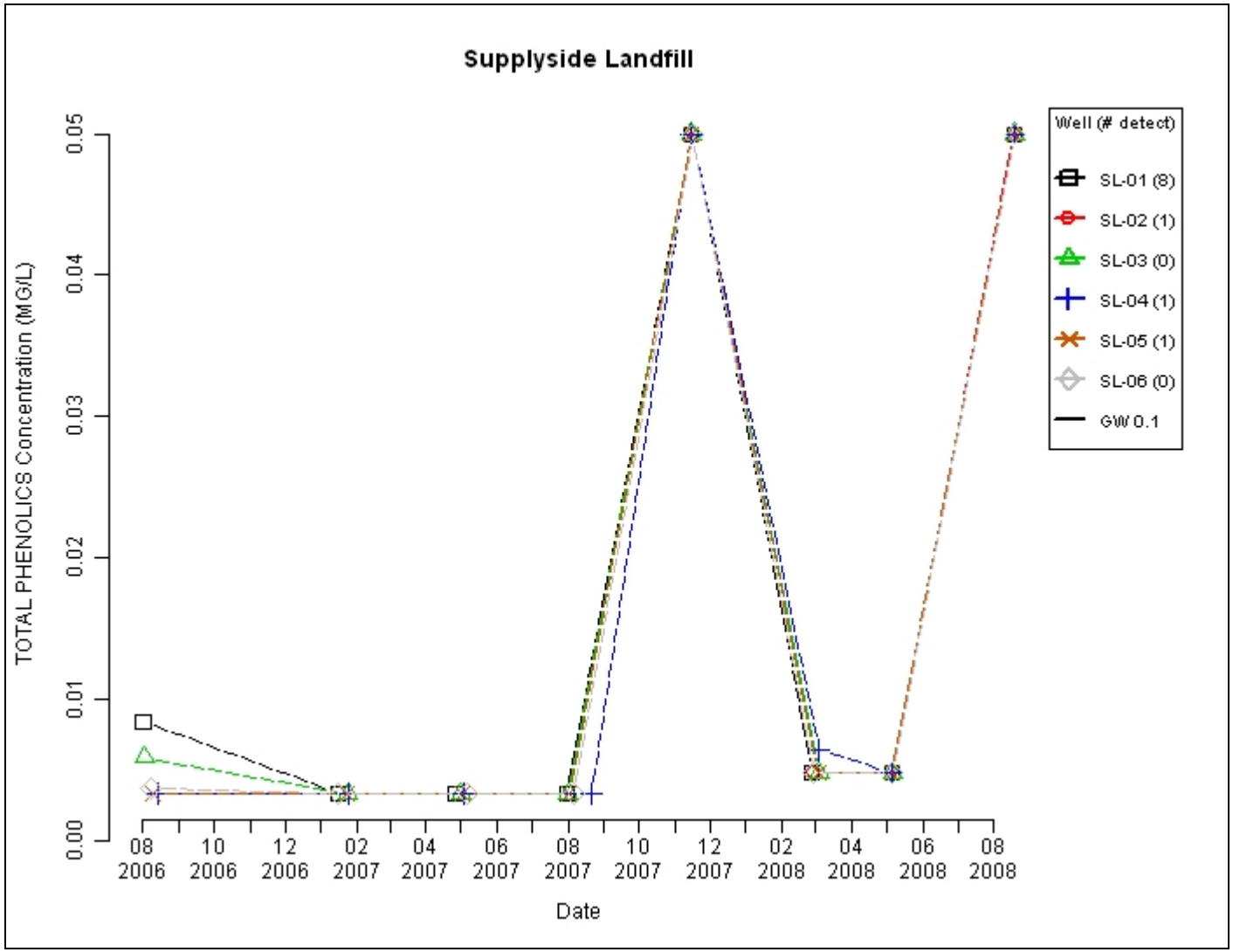

Supplyside Landfill
THALLIUM Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (1)
SL-03 (2)
SL-04 (3)
SL-05 (4)
SL-06 (2)
GW 2

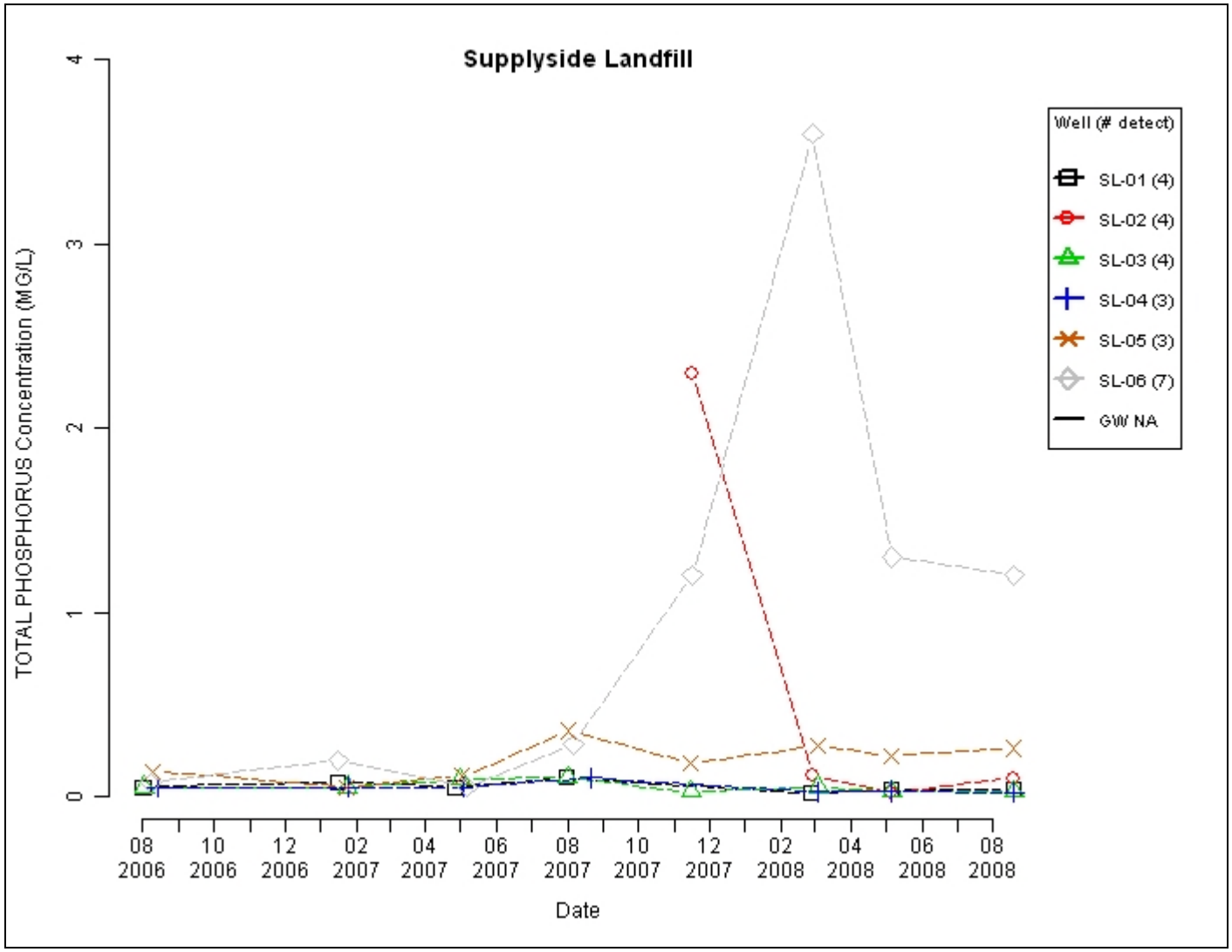

Supplyside Landfill
TOLUENE Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (4)
SL-02 (0)
SL-03 (0)
SL-04 (1)
SL-05 (1)
SL-06 (1)
GW 1000

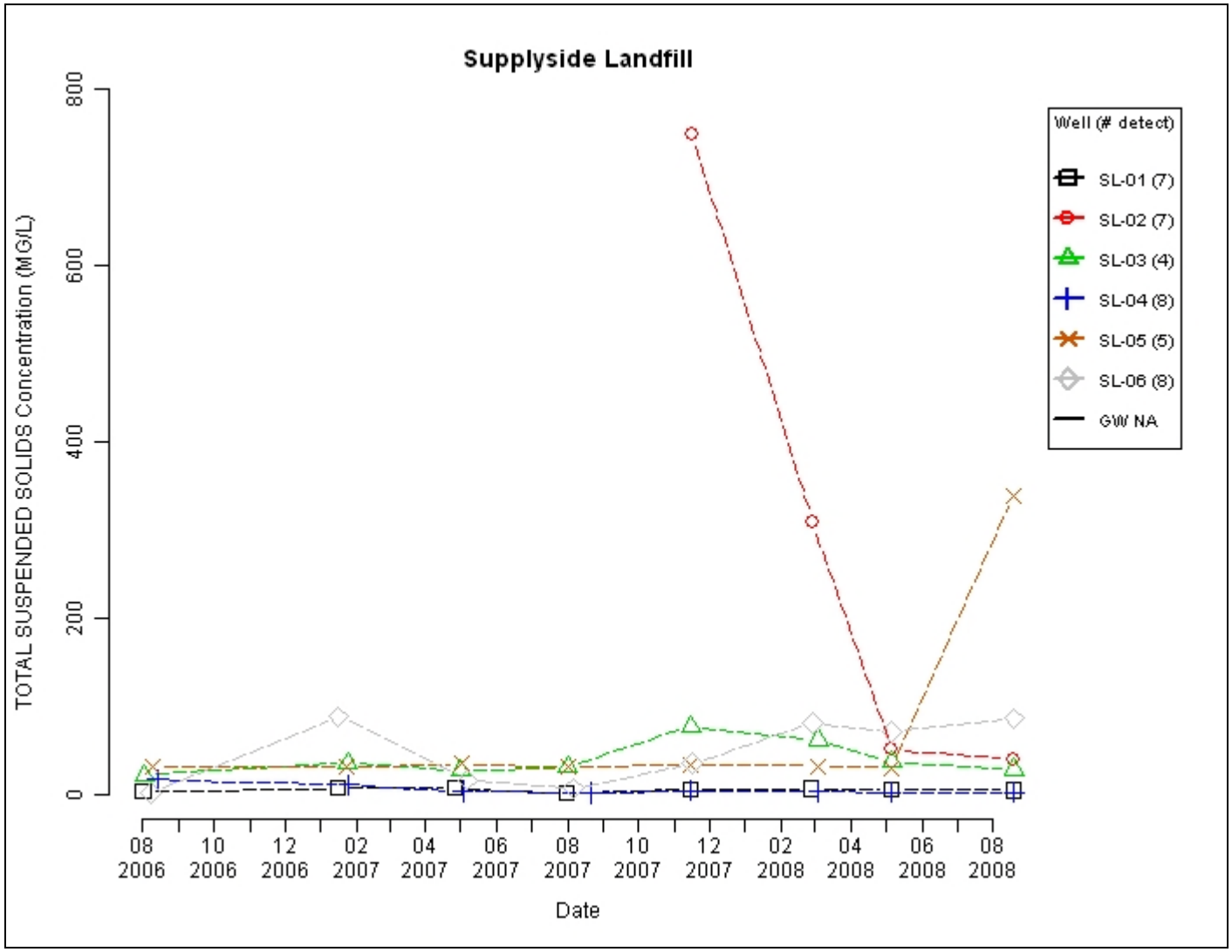

Supplyside Landfill
TOTAL DISSOLVED SOLIDS Concentration (MG/L)
400
600
800
1000
1200
1400
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (8)
SL-03 (4)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 500

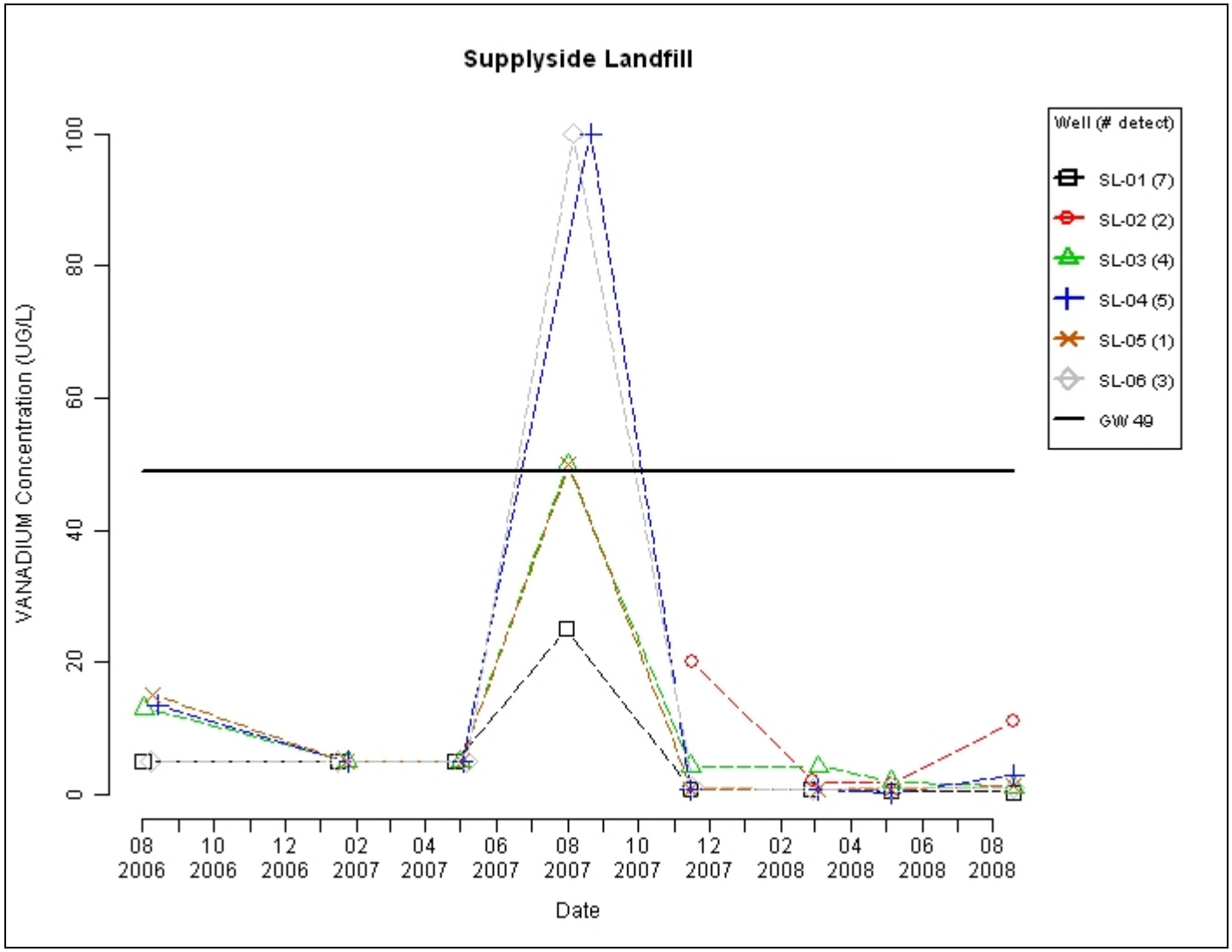

Supplyside Landfill
TOTAL ESSENTIAL NUTRIENTS Concentration (UG/L)
100000
150000
200000
250000
300000
350000
400000
450000
500000
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (8)
SL-03 (4)
SL-04 (8)
SL-05 (8)
SL-06 (8)
GW 1200000

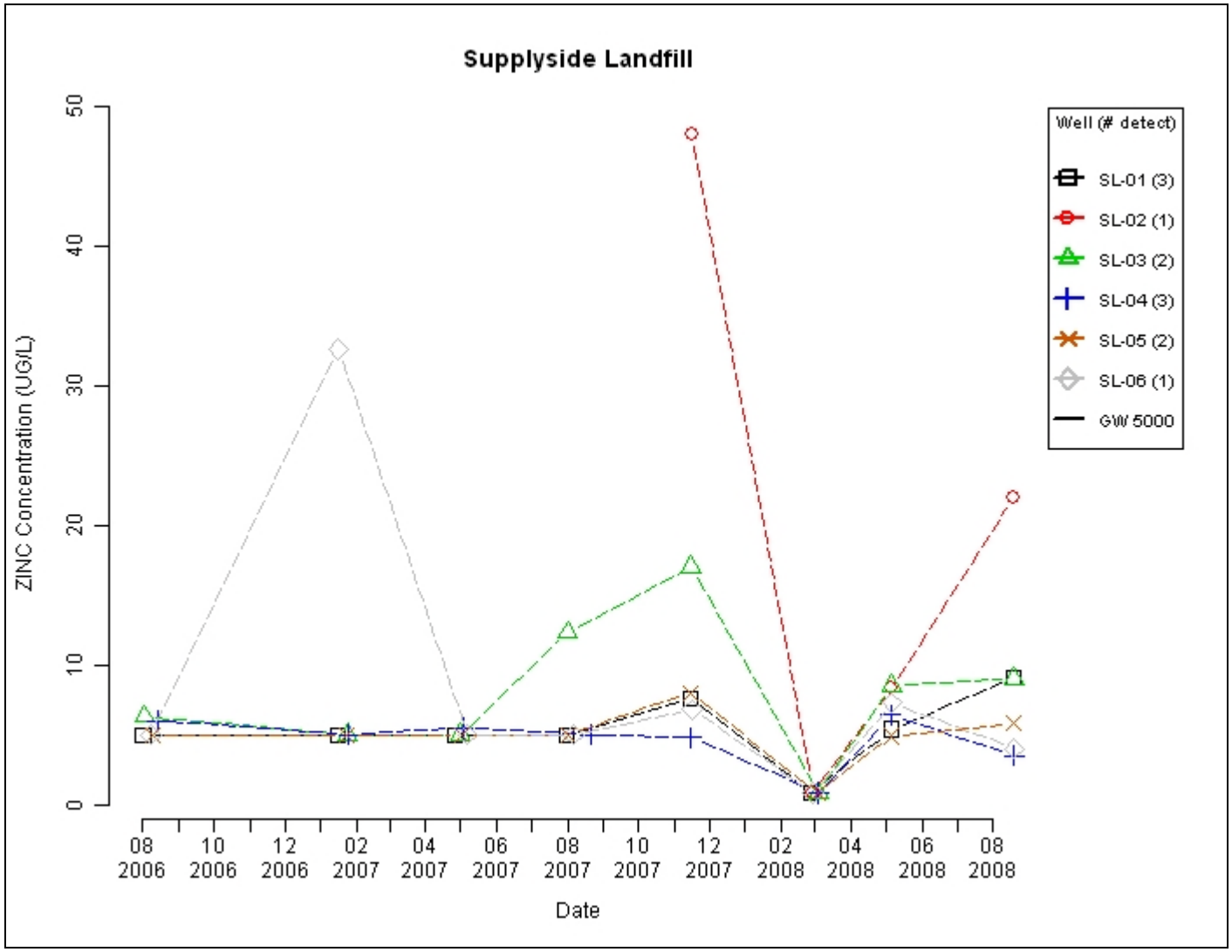

Supplyside Landfill
TOTAL ORGANIC CARBON Concentration (MG/L)
0
5
10
15
20
25
30
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (7)
SL-03 (3)
SL-04 (7)
SL-05 (7)
SL-06 (8)
GW NA

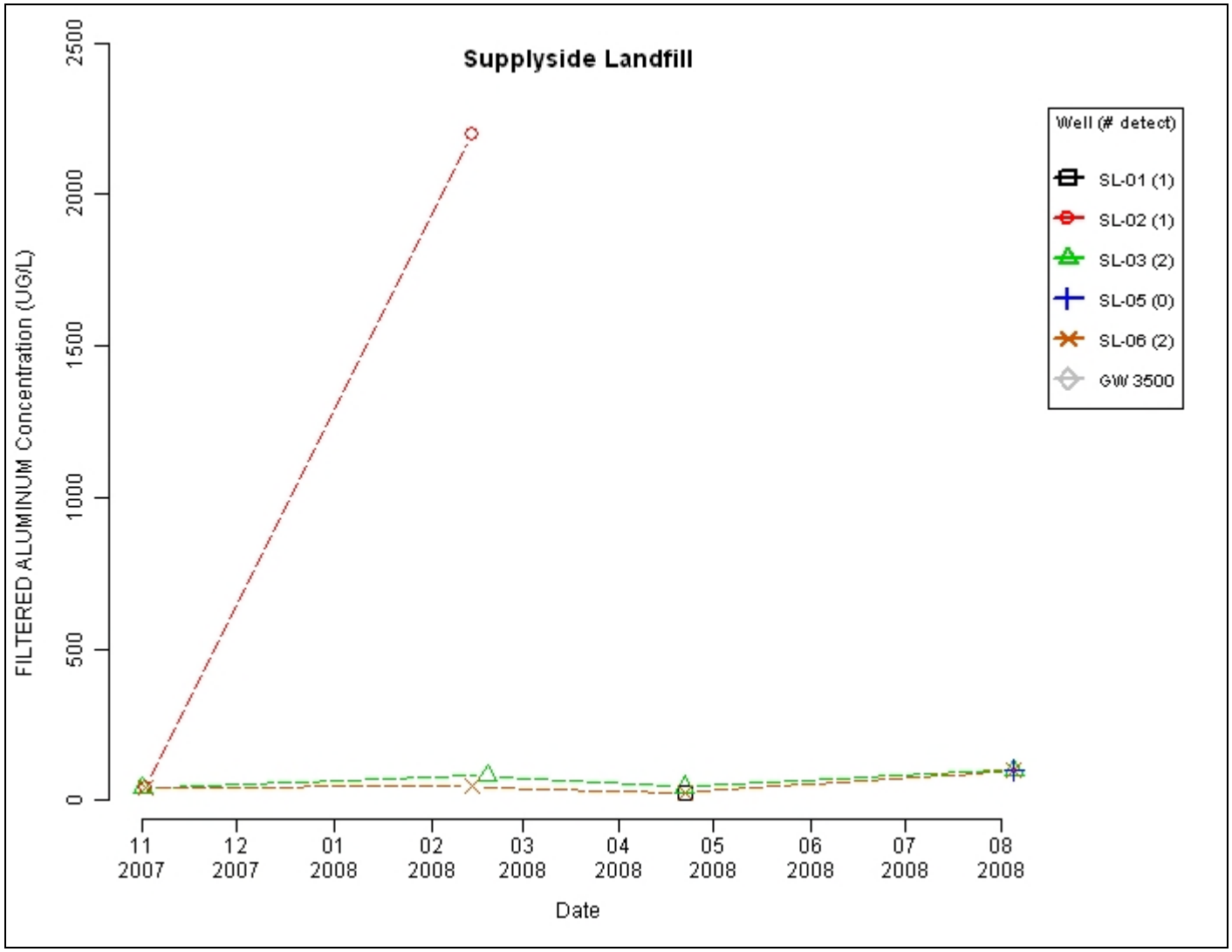

Supplyside Landfill
TOTAL PHENOLICS Concentration (MG/L)
0.00
0.01
0.02
0.03
0.04
0.05
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (8)
SL-02 (1)
SL-03 (0)
SL-04 (1)
SL-05 (1)
SL-06 (0)
GW 0.1

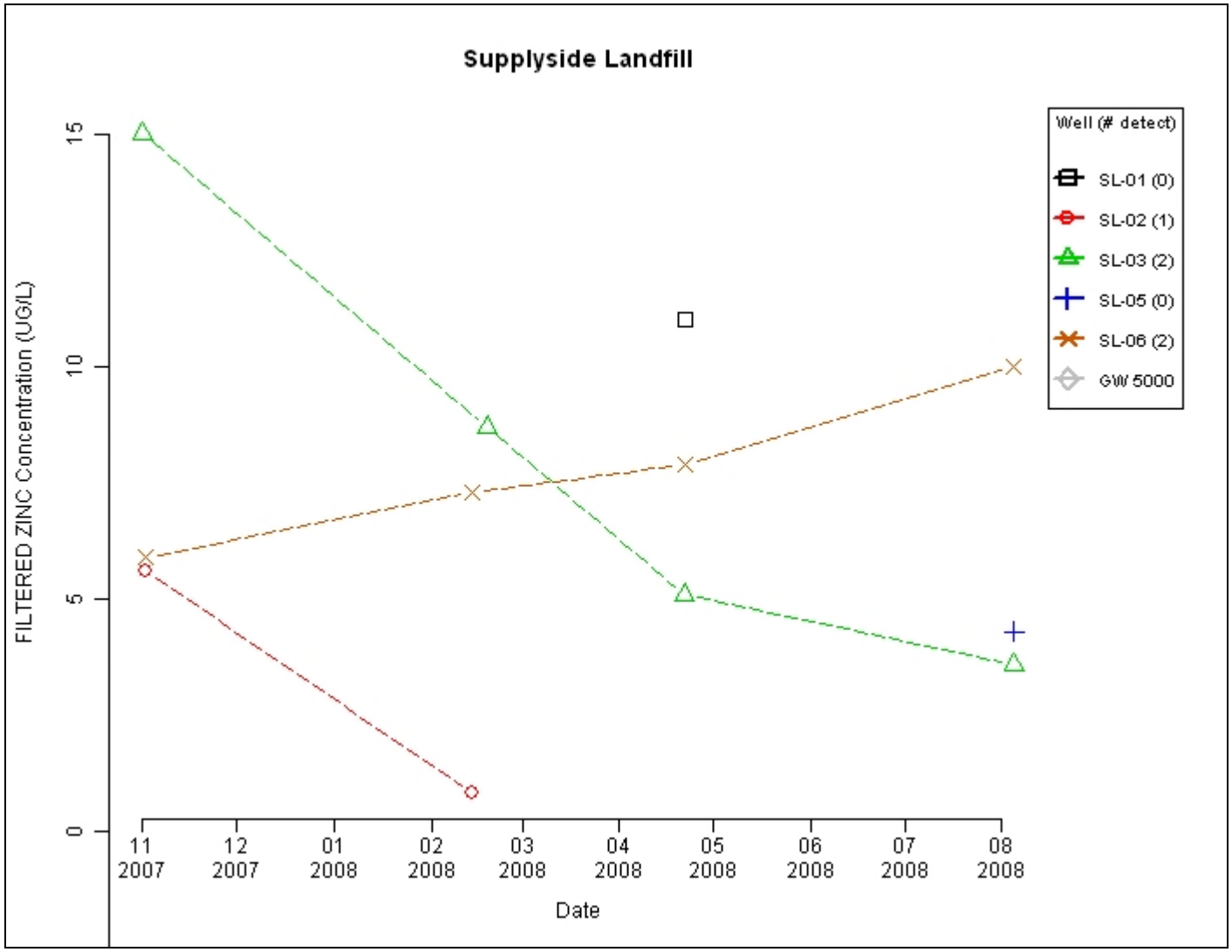

Supplyside Landfill
TOTAL PHOSPHORUS Concentration (MG/L)
0
1
2
3
4
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (4)
SL-02 (4)
SL-03 (4)
SL-04 (3)
SL-05 (3)
SL-06 (7)
GW NA

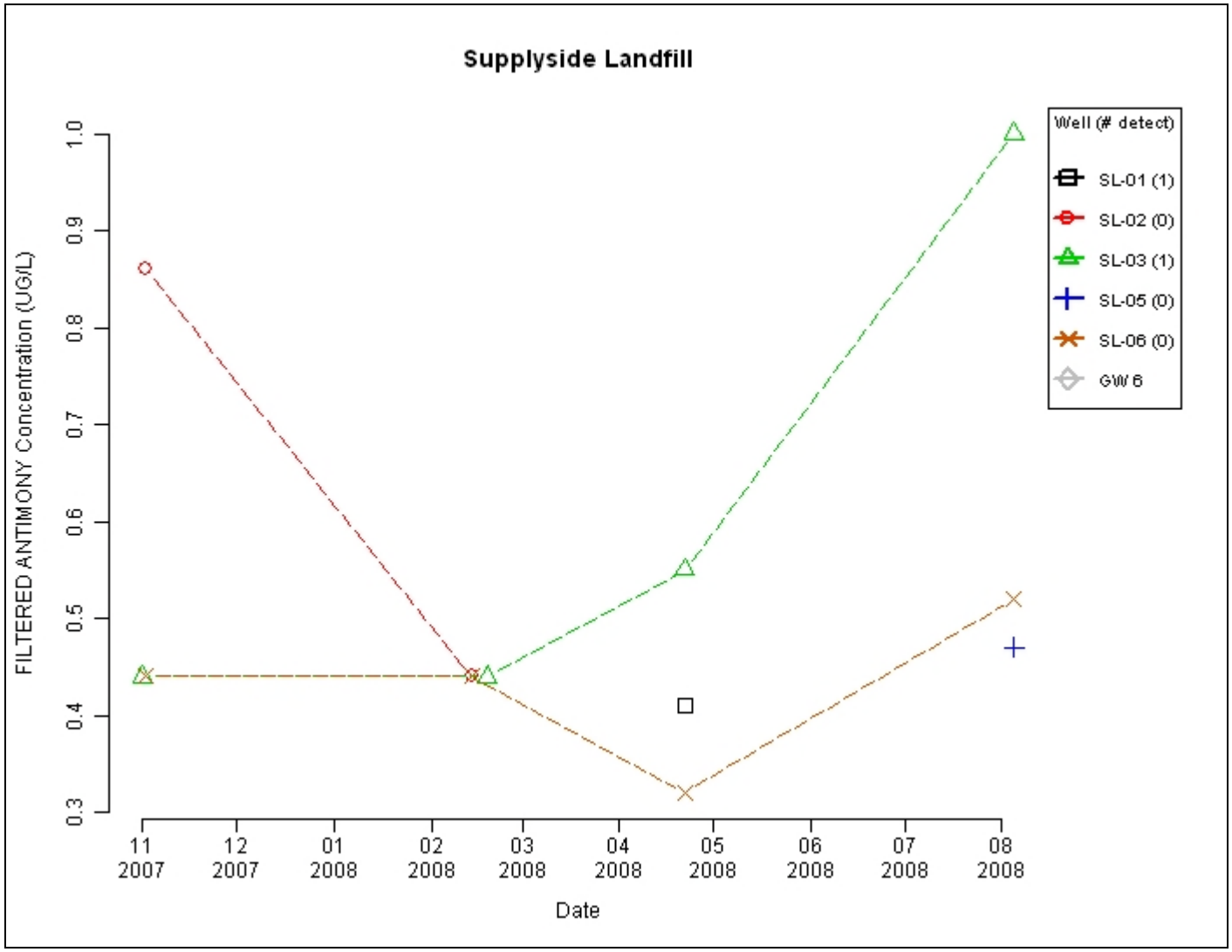

Supplyside Landfill
TOTAL SUSPENDED SOLIDS Concentration (MG/L)
0
200
400
600
800
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (7)
SL-02 (7)
SL-03 (4)
SL-04 (8)
SL-05 (5)
SL-06 (8)
GW NA

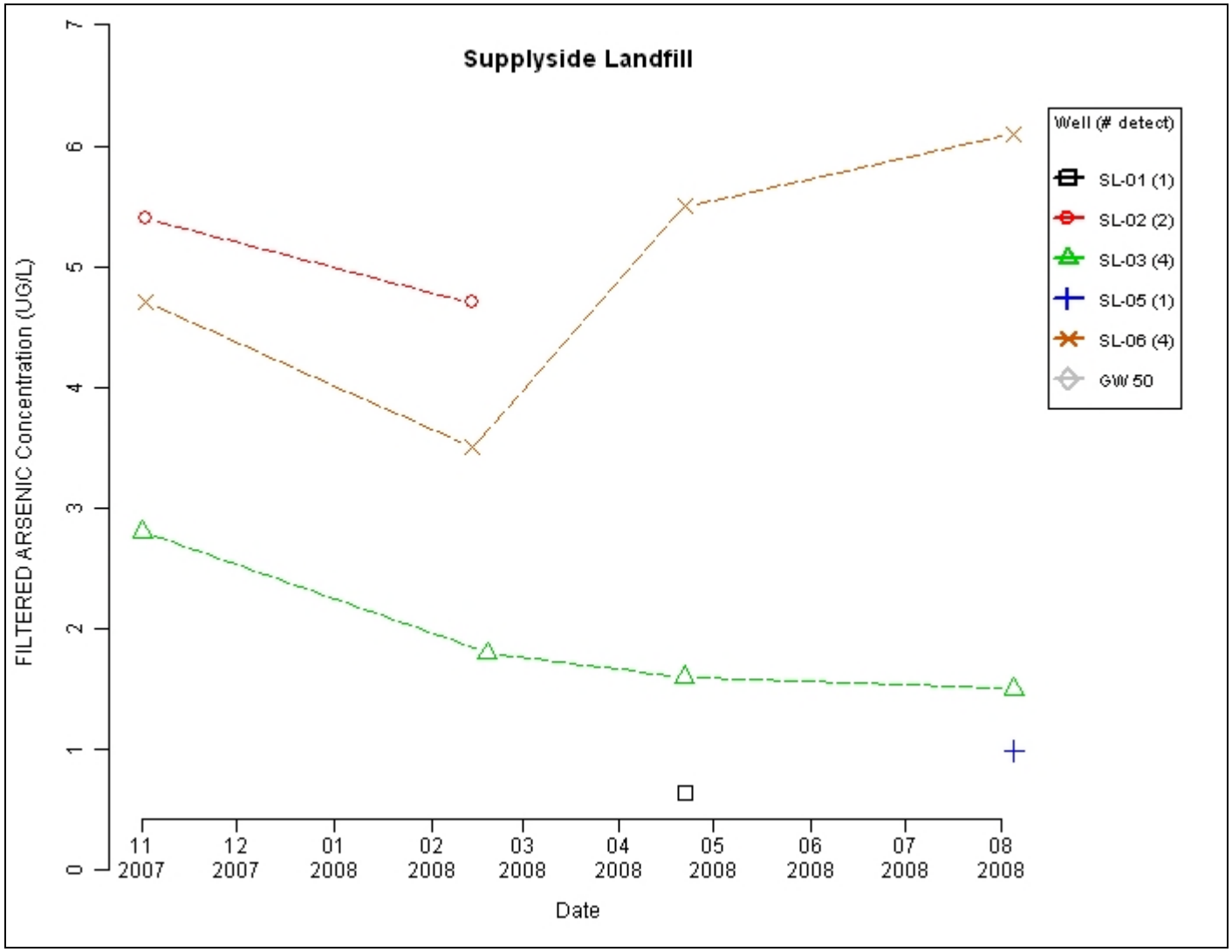

Supplyside Landfill
VANADIUM Concentration (UG/L)
0
20
40
60
80
100
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (7)
SL-02 (2)
SL-03 (4)
SL-04 (5)
SL-05 (1)
SL-06 (3)
GW 49

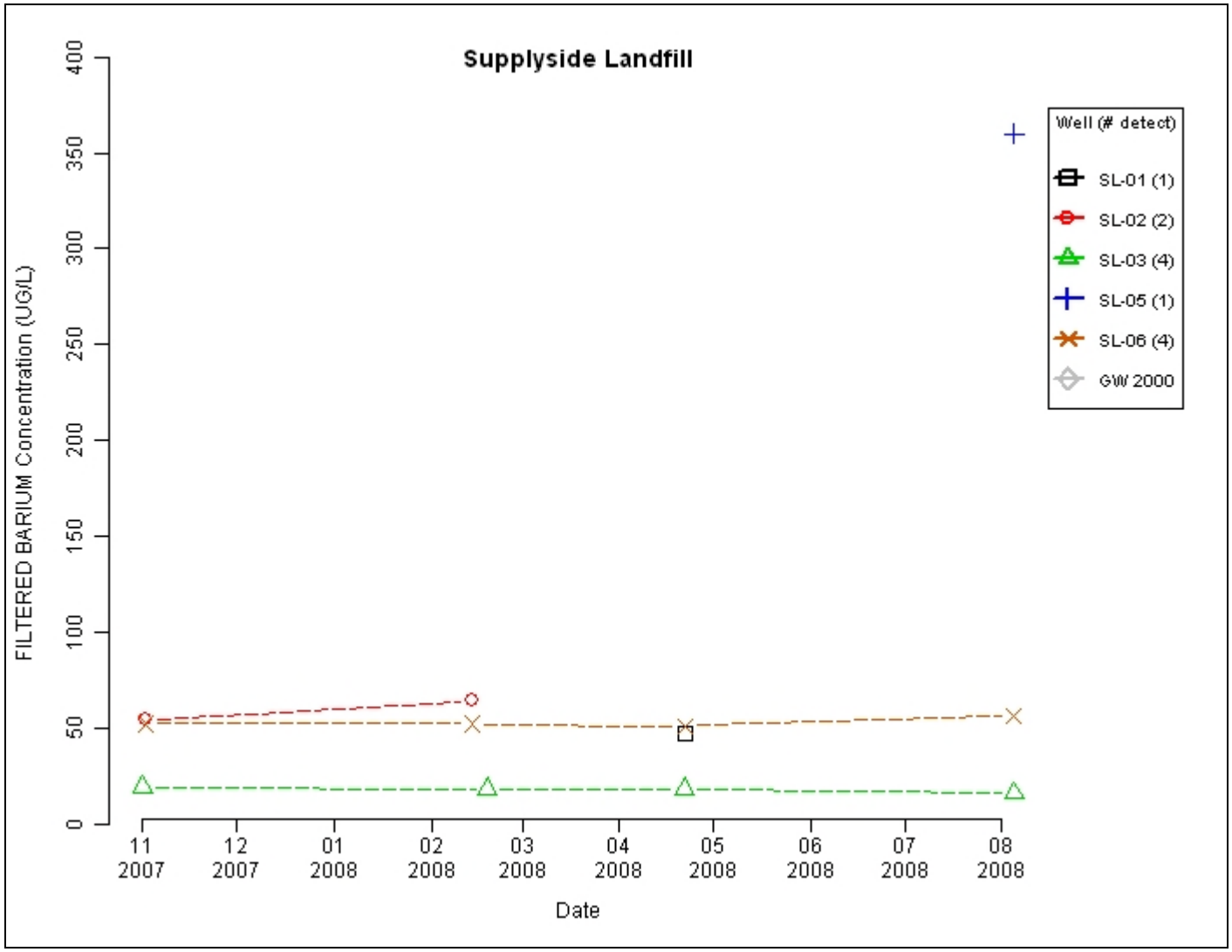

Supplyside Landfill
ZINC Concentration (UG/L)
0
10
20
30
40
50
08 2006
10 2006
12 2006
02 2007
04 2007
06 2007
08 2007
10 2007
12 2007
02 2008
04 2008
06 2008
08 2008
Date
Well (# detect)
SL-01 (3)
SL-02 (1)
SL-03 (2)
SL-04 (3)
SL-05 (2)
SL-06 (1)
GW 5000

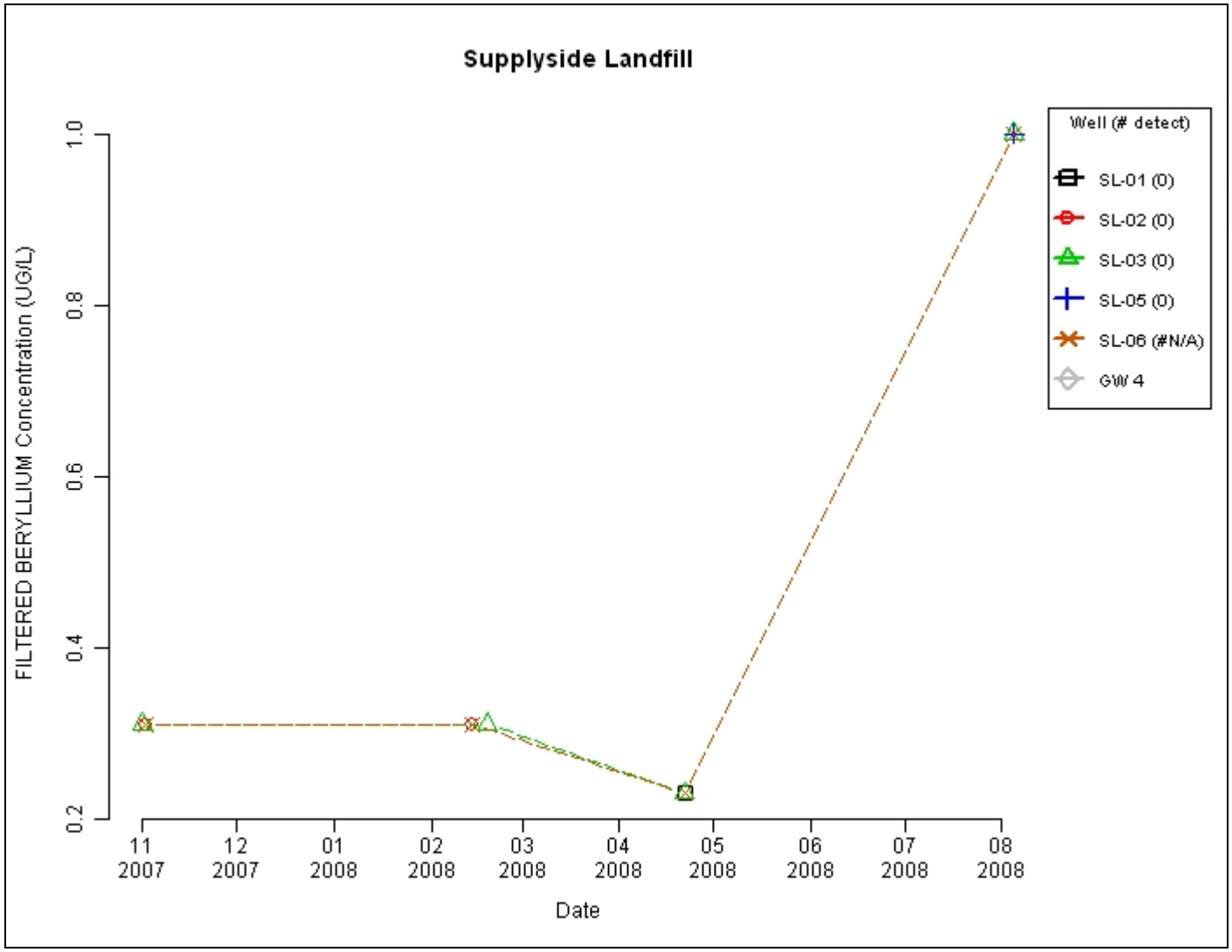

Supplyside Landfill
FILTERED ALUMINUM Concentration (UG/L)
0
500
1000
1500
2000
2500
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (1)
SL-03 (2)
SL-05 (0)
SL-06 (2)
GW 3500

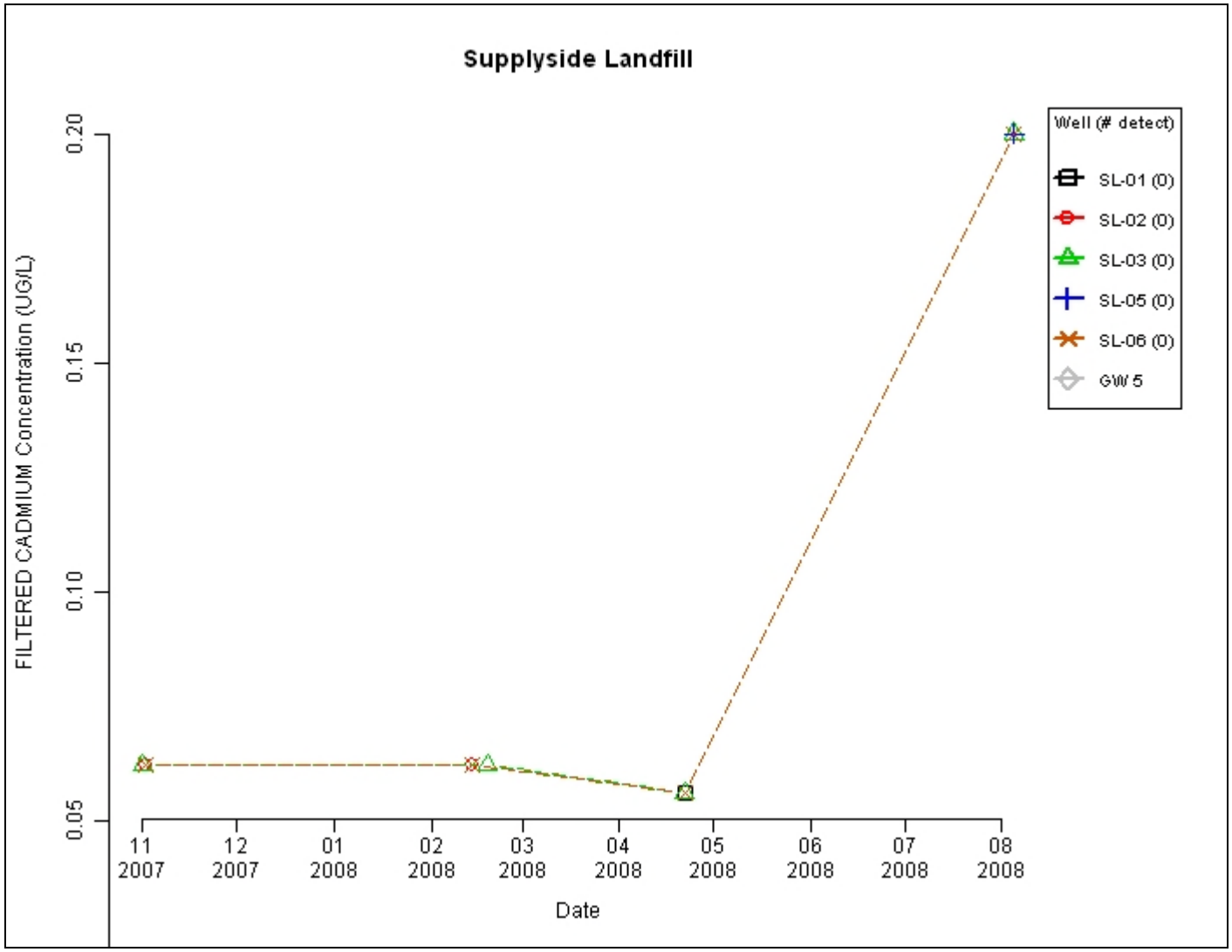

Supplyside Landfill
FILTERED ZINC Concentration (UG/L)
0
5
10
15
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (2)
SL-05 (0)
SL-06 (2)
GW 5000

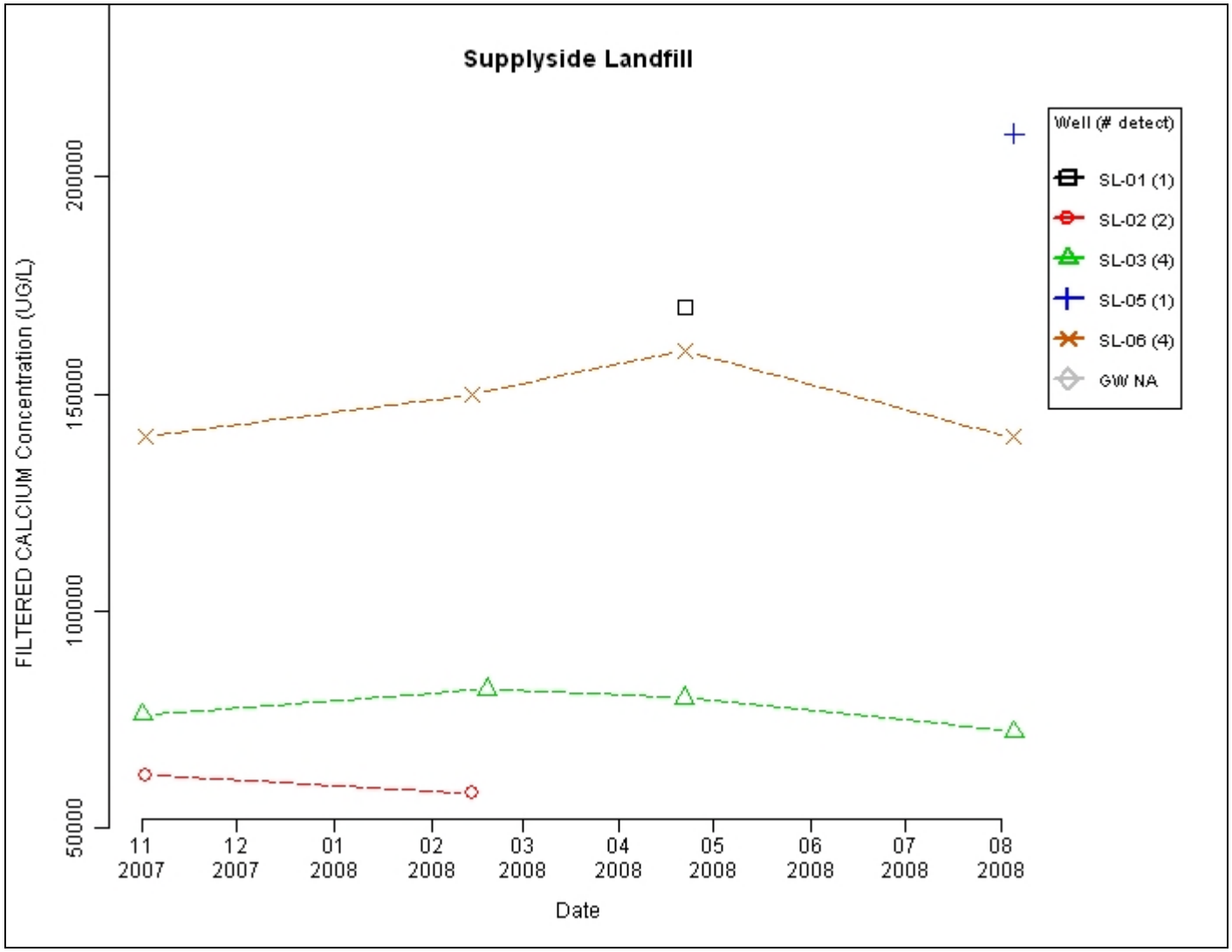

Supplyside Landfill
FILTERED ANTIMONY Concentration (UG/L)
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (0)
SL-03 (1)
SL-05 (0)
SL-06 (0)
GW 6

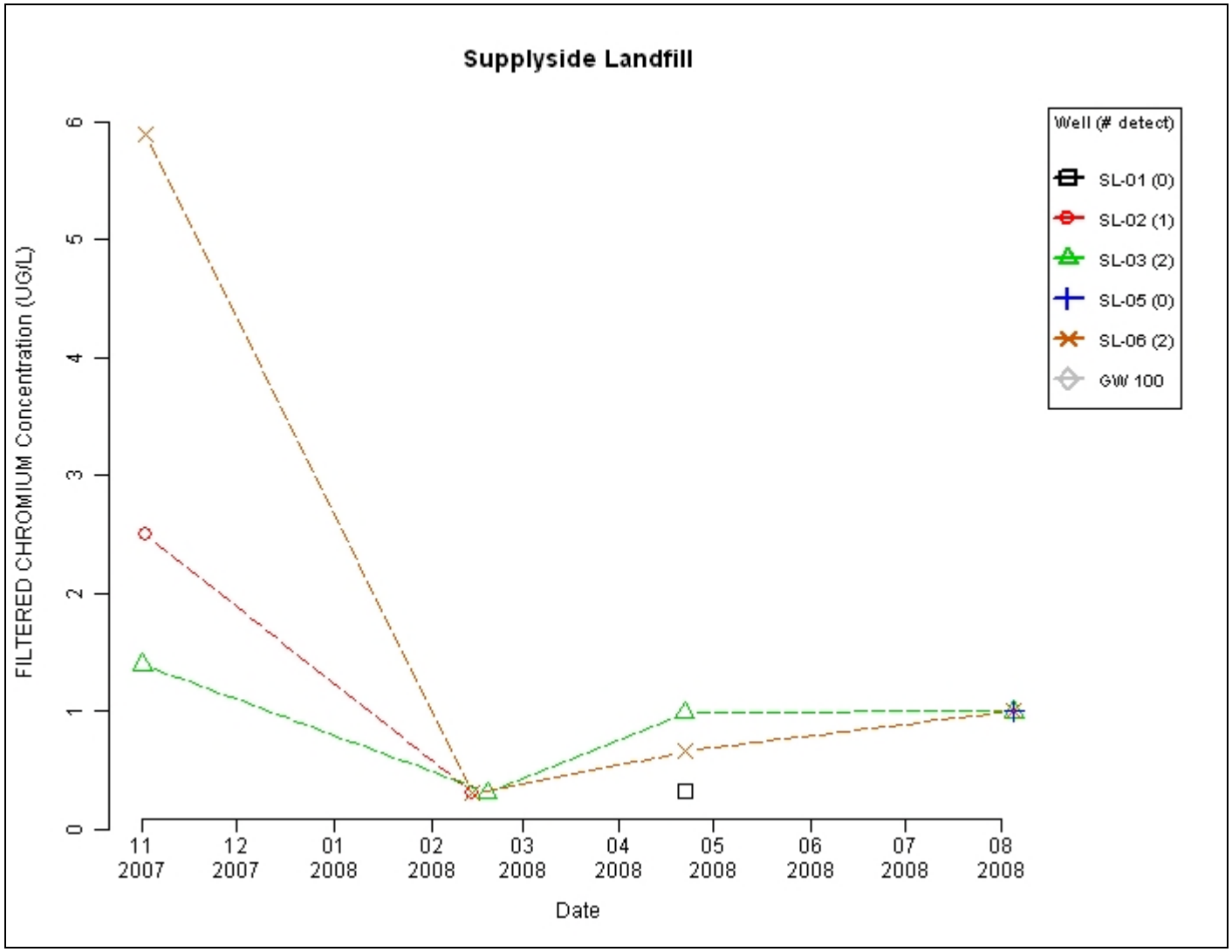

Supplyside Landfill
FILTERED ARSENIC Concentration (UG/L)
0
1
2
3
4
5
6
7
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW 50

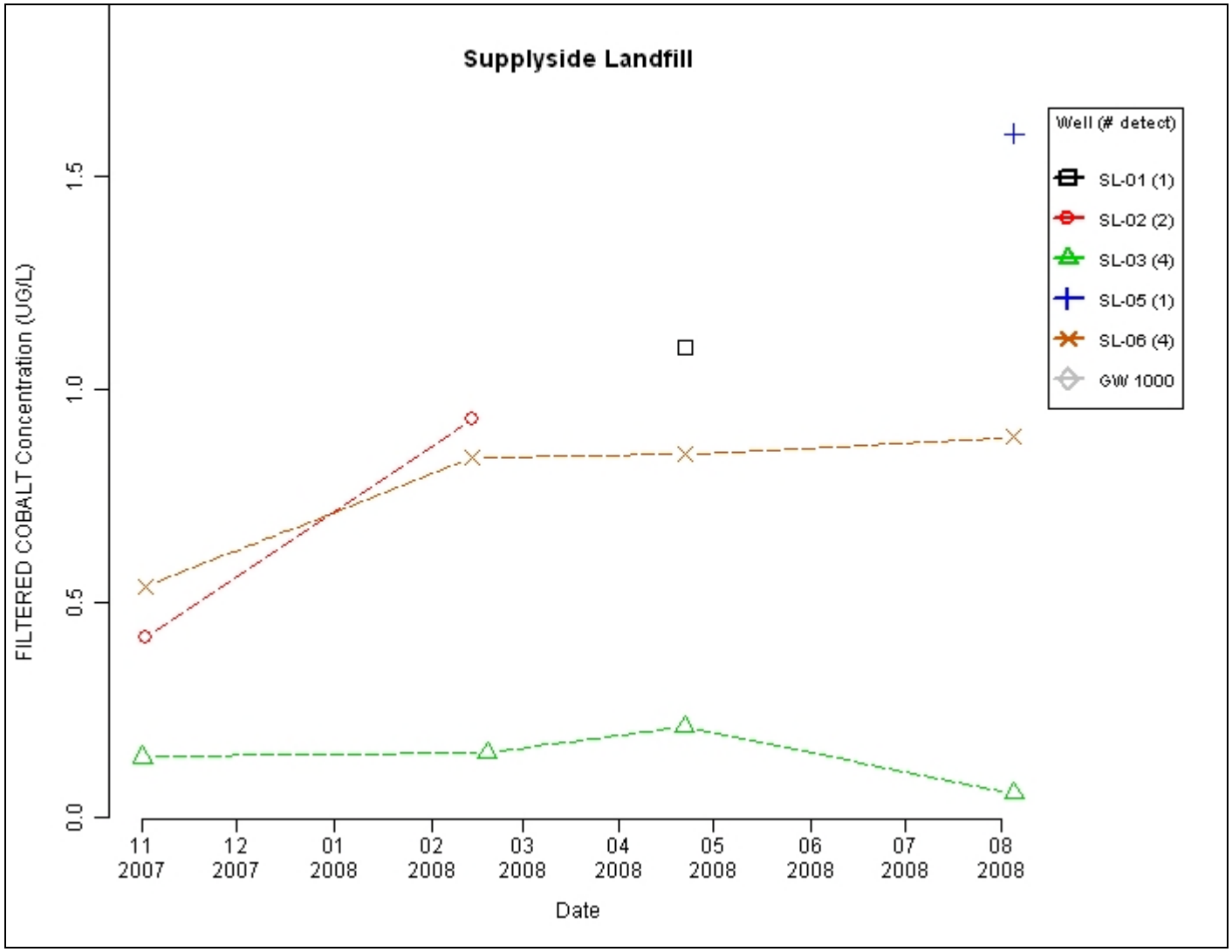

Supplyside Landfill
FILTERED BARIUM Concentration (UG/L)
0
50
100
150
200
250
300
350
400
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW 2000

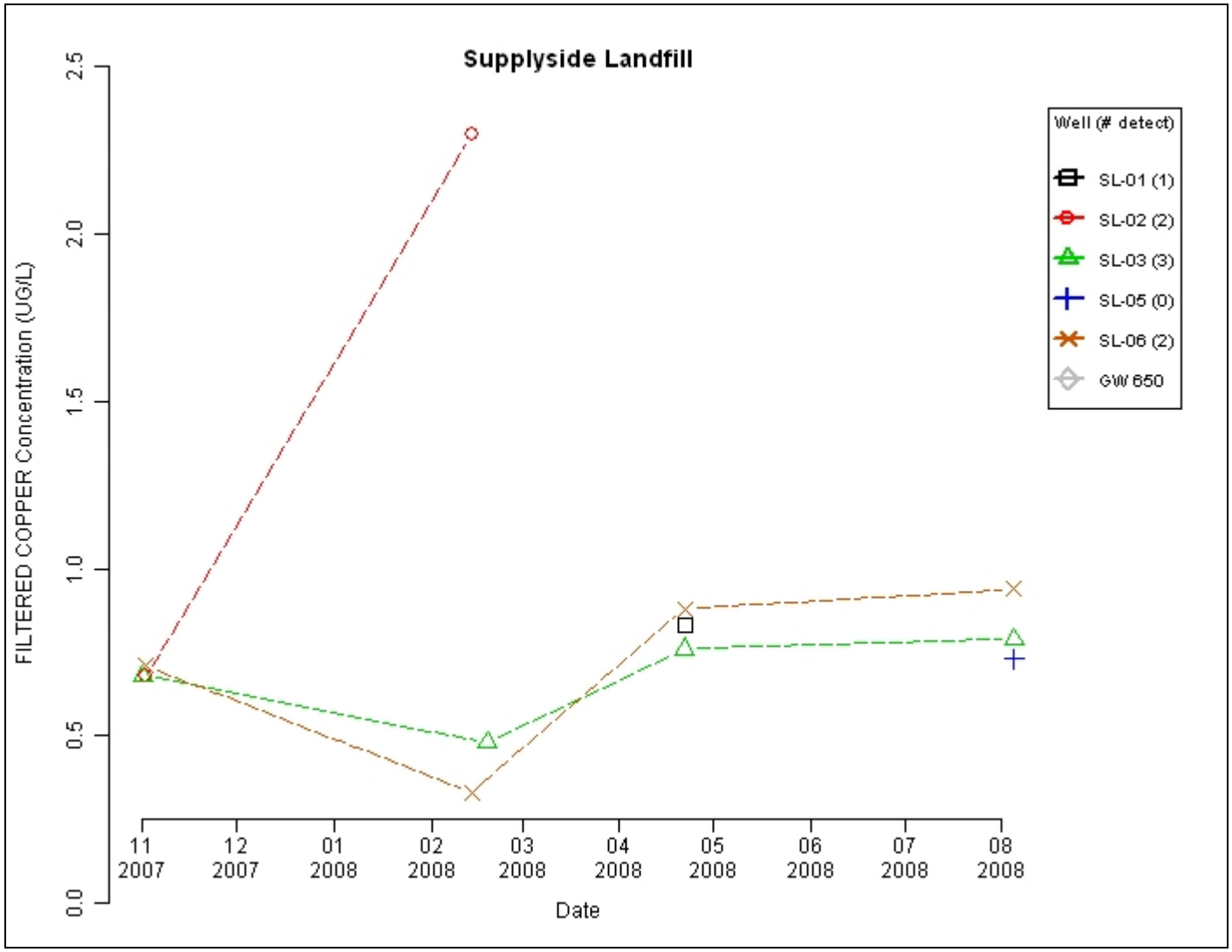

Supplyside Landfill
FILTERED BERYLLIUM Concentration (UG/L)
0.2
0.4
0.6
0.8
1.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-05 (0)
SL-06 (#N/A)
GW 4

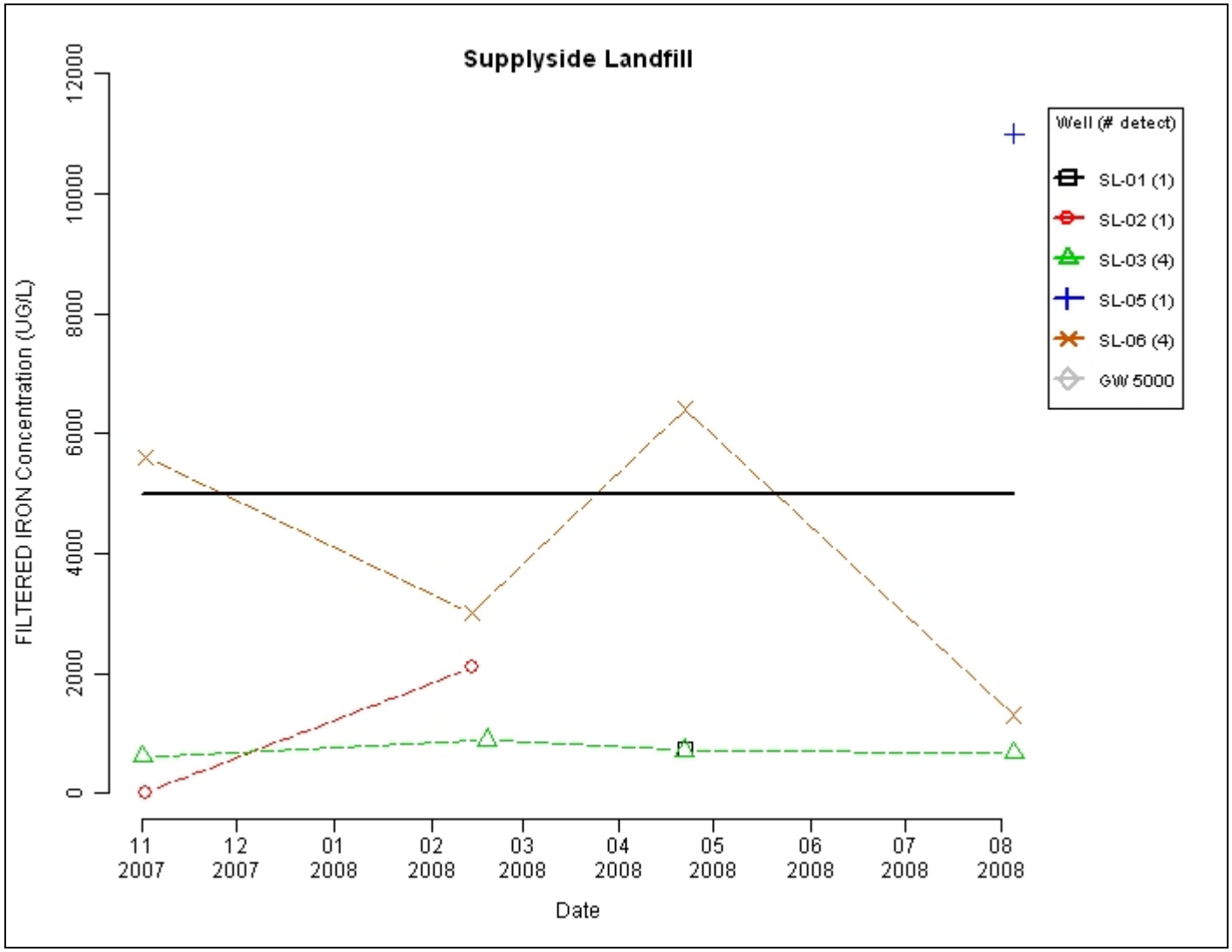

Supplyside Landfill
FILTERED CADMIUM Concentration (UG/L)
0.05
0.10
0.15
0.20
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (0)
SL-03 (0)
SL-05 (0)
SL-06 (0)
GW 5

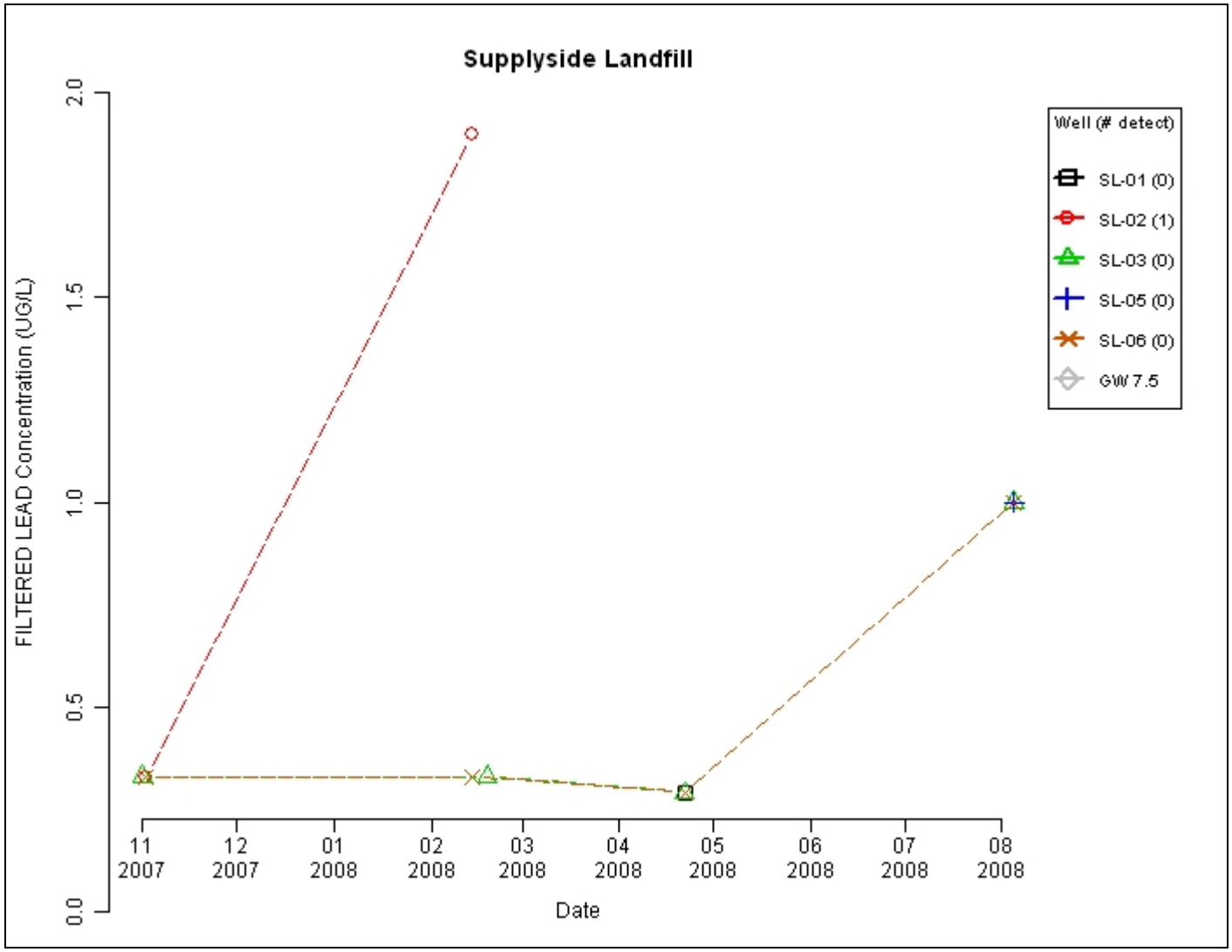

Supplyside Landfill
FILTERED CALCIUM Concentration (UG/L)
50000
100000
150000
200000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW NA

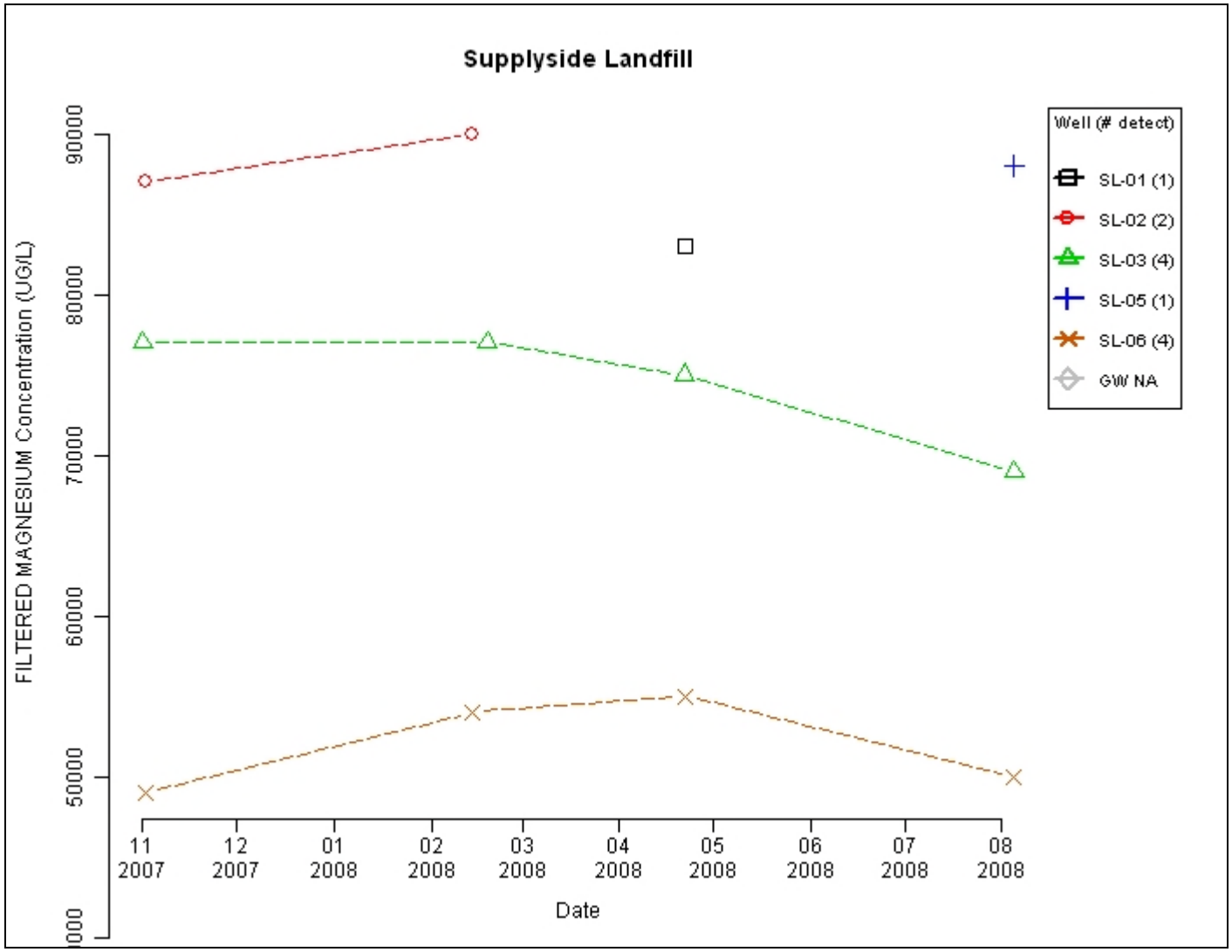

Supplyside Landfill
FILTERED CHROMIUM Concentration (UG/L)
0
1
2
3
4
5
6
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (2)
SL-05 (0)
SL-06 (2)
GW 100

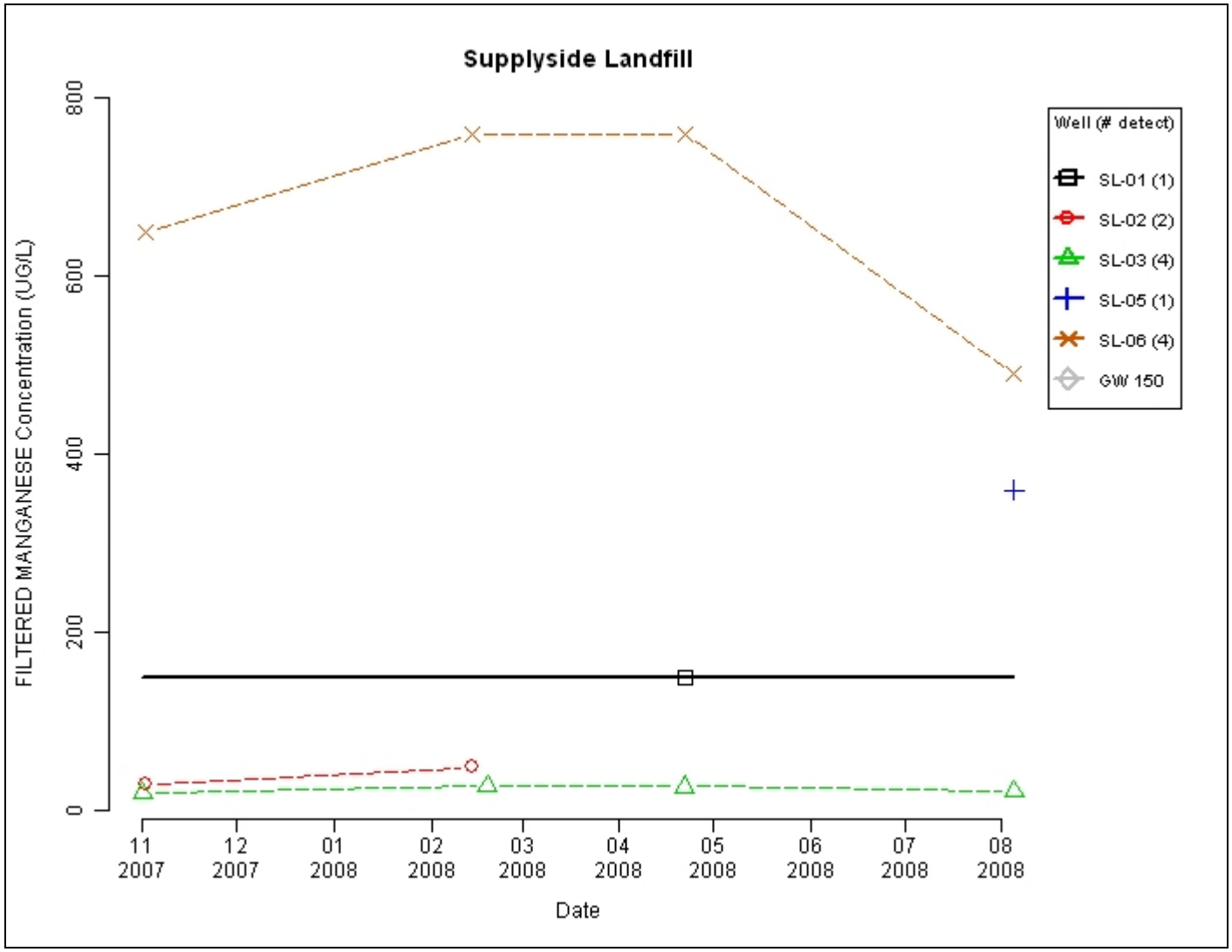

Supplyside Landfill
FILTERED COBALT Concentration (UG/L)
0.0
0.5
1.0
1.5
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW 1000

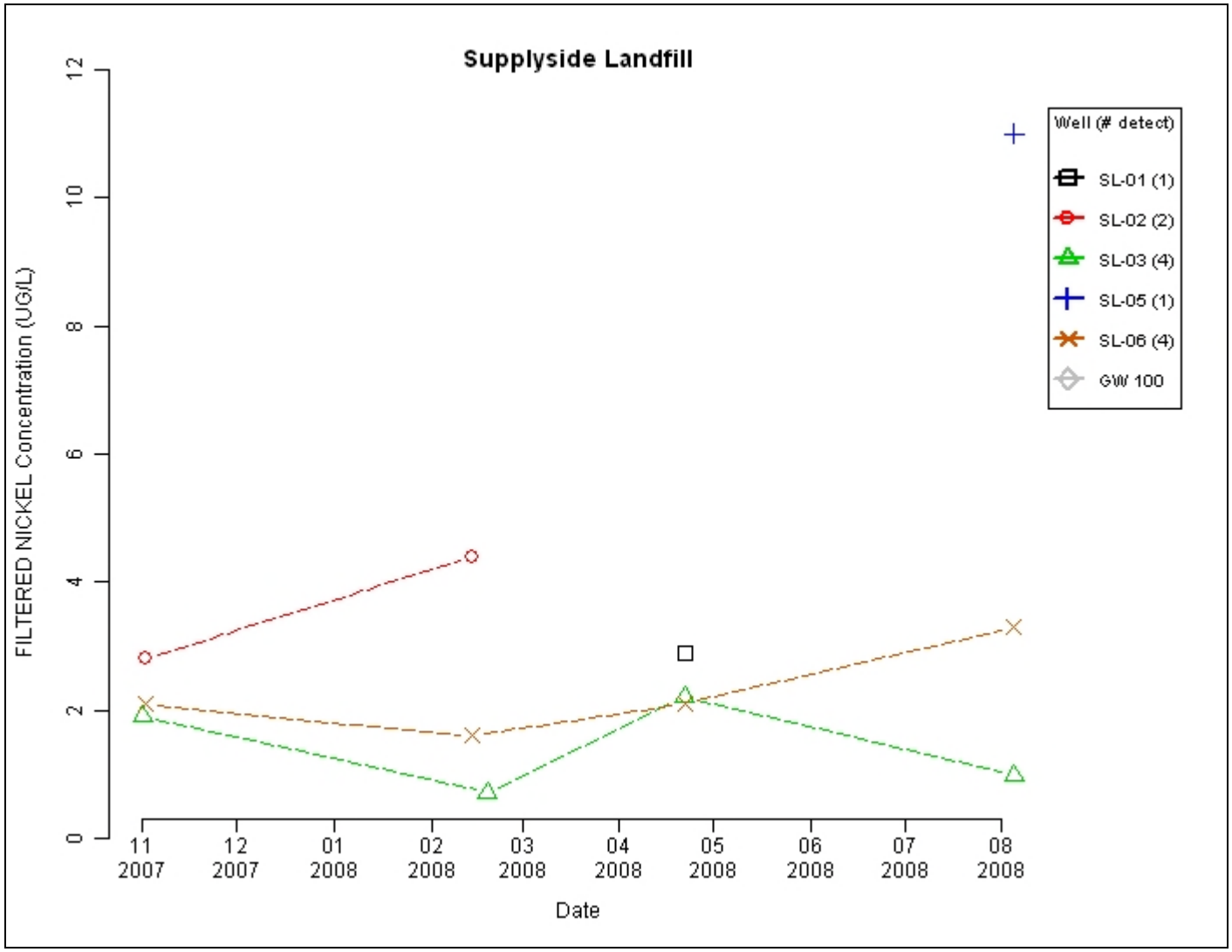

Supplyside Landfill
FILTERED COPPER Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (3)
SL-05 (0)
SL-06 (2)
GW 650

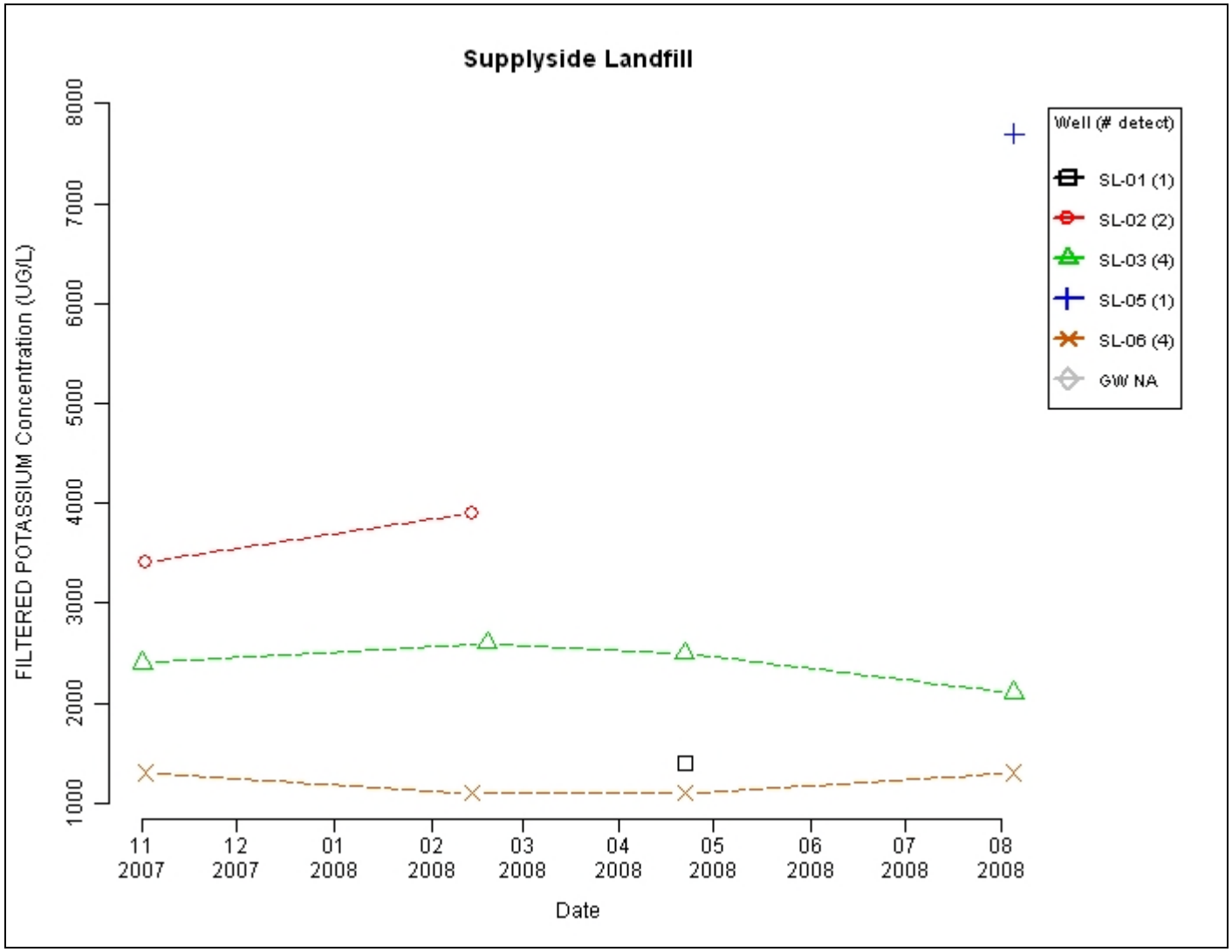

Supplyside Landfill
FILTERED IRON Concentration (UG/L)
0
2000
4000
6000
8000
10000
12000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (1)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW 5000

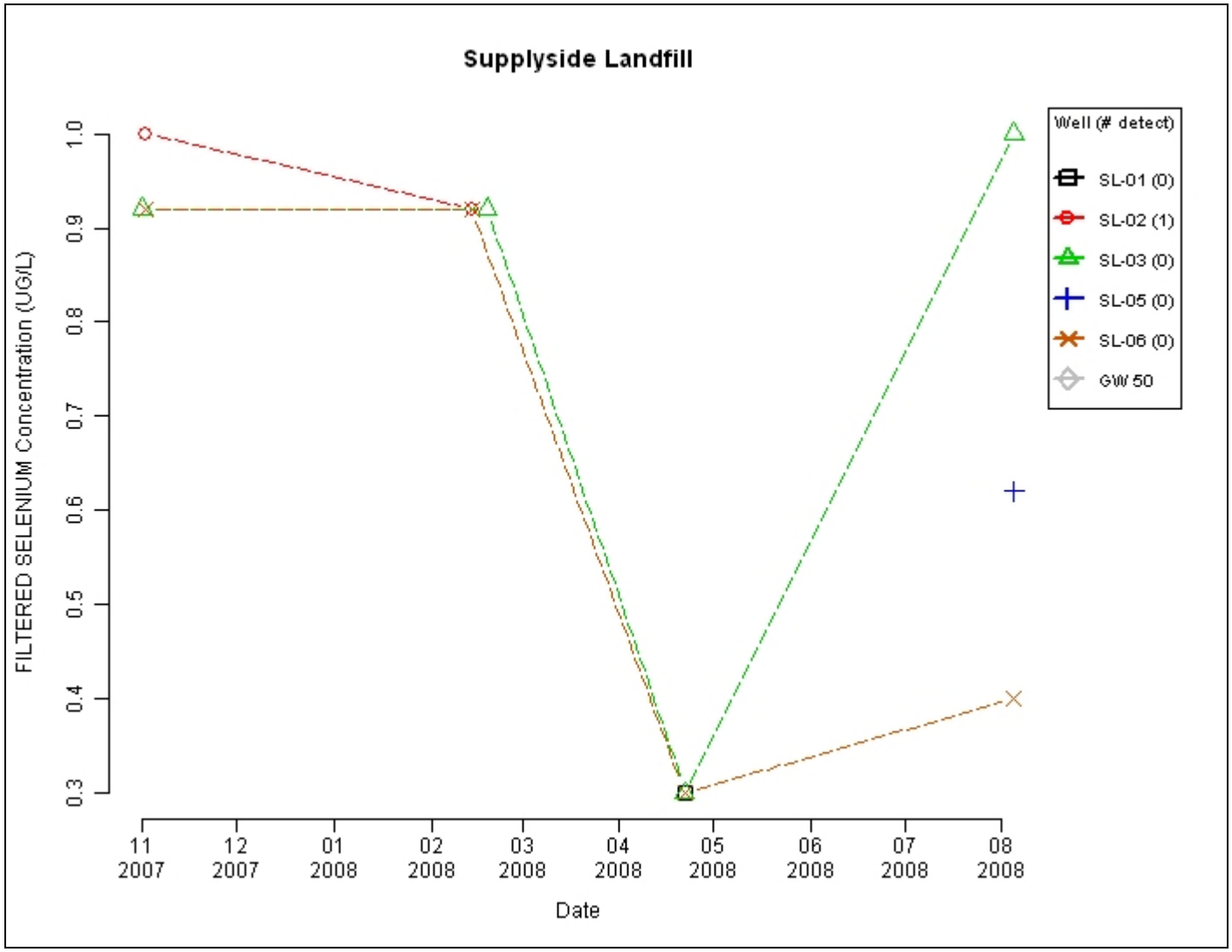

Supplyside Landfill
FILTERED LEAD Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-05 (0)
SL-06 (0)
GW 7.5

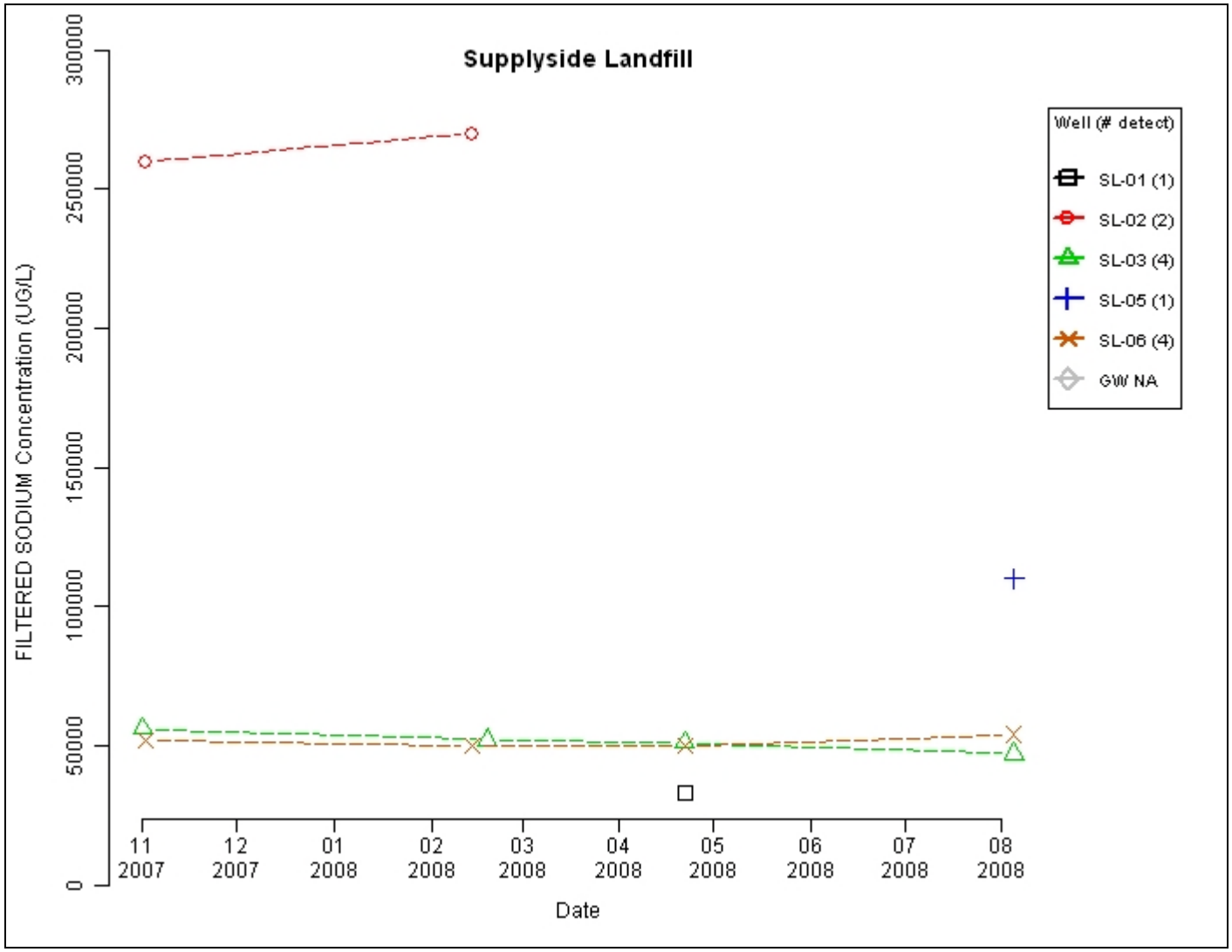

Supplyside Landfill
FILTERED MAGNESIUM Concentration (UG/L)
90000
80000
70000
60000
50000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW NA

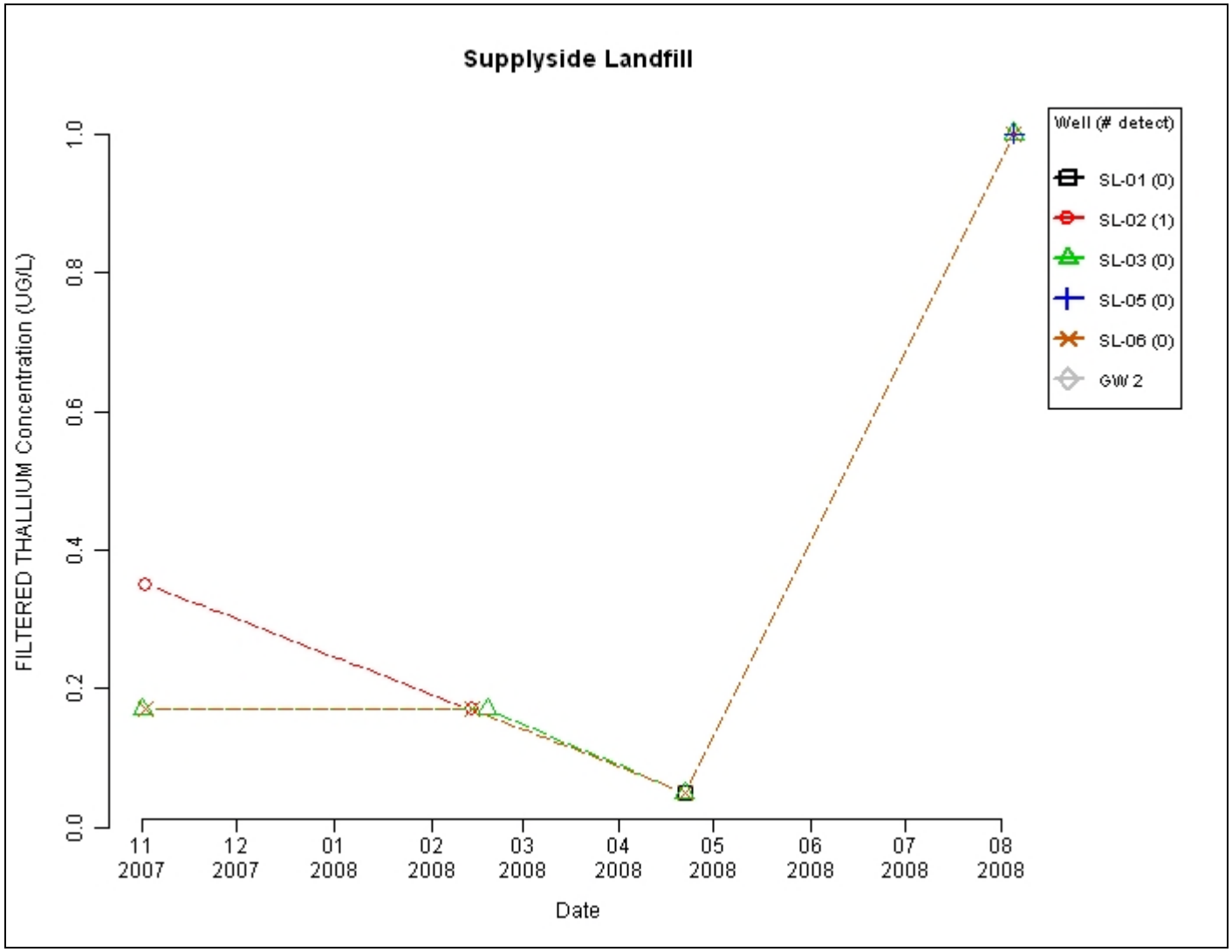

Supplyside Landfill
FILTERED MANGANESE Concentration (UG/L)
0
200
400
600
800
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW 150

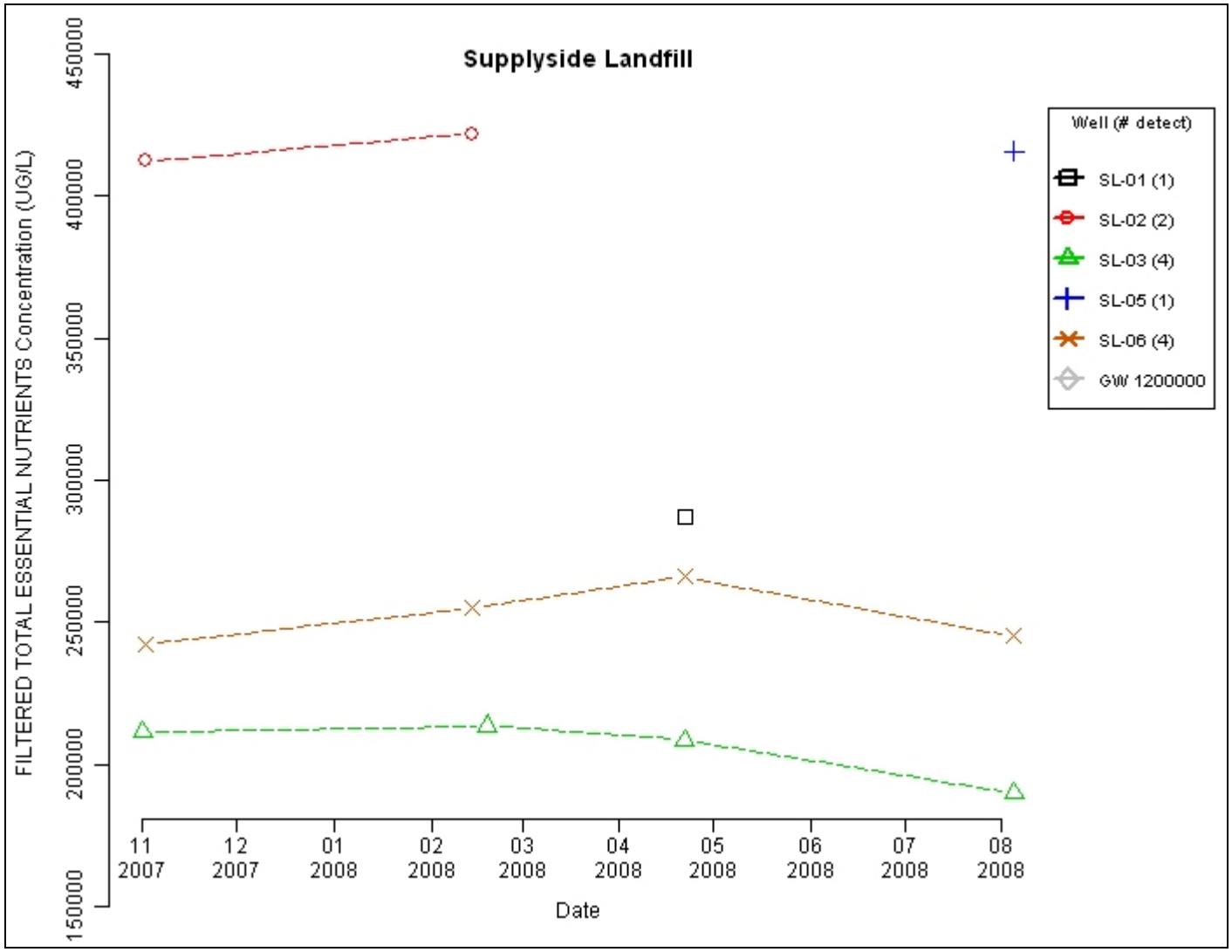

Supplyside Landfill
FILTERED NICKEL Concentration (UG/L)
0
2
4
6
8
10
12
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW 100

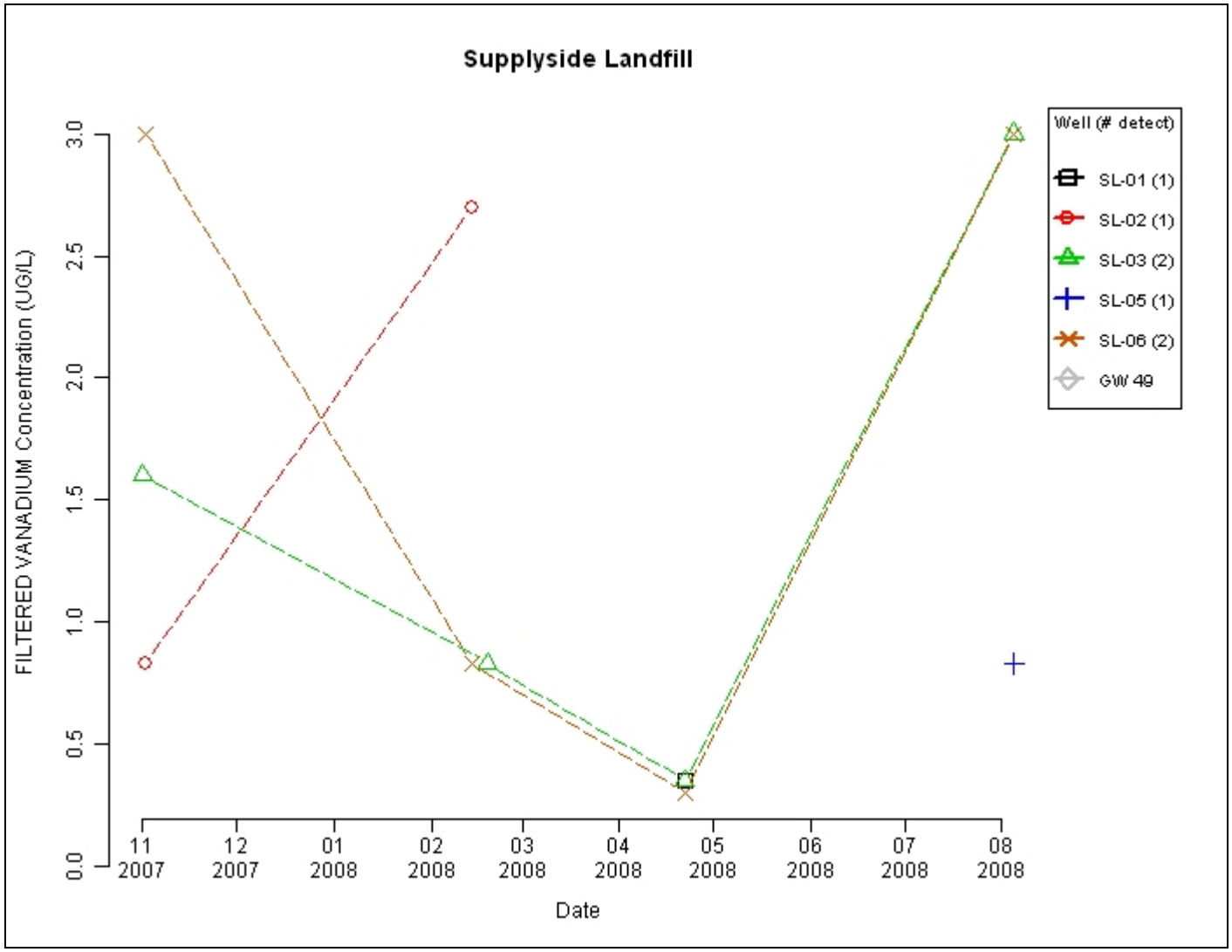

Supplyside Landfill
FILTERED POTASSIUM Concentration (UG/L)
1000
2000
3000
4000
5000
6000
7000
8000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW NA


Supplyside Landfill
FILTERED SELENIUM Concentration (UG/L)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-05 (0)
SL-06 (0)
GW 50


Supplyside Landfill
FILTERED SODIUM Concentration (UG/L)
0
50000
100000
150000
200000
250000
300000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW NA


Supplyside Landfill
FILTERED THALLIUM Concentration (UG/L)
0.0
0.2
0.4
0.6
0.8
1.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (0)
SL-02 (1)
SL-03 (0)
SL-05 (0)
SL-06 (0)
GW 2


Supplyside Landfill
FILTERED TOTAL ESSENTIAL NUTRIENTS Concentration (UG/L)
450000
400000
350000
300000
250000
200000
150000
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (2)
SL-03 (4)
SL-05 (1)
SL-06 (4)
GW 1200000


Supplyside Landfill
FILTERED VANADIUM Concentration (UG/L)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
11 2007
12 2007
01 2008
02 2008
03 2008
04 2008
05 2008
06 2008
07 2008
08 2008
Date
Well (# detect)
SL-01 (1)
SL-02 (1)
SL-03 (2)
SL-05 (1)
SL-06 (2)
GW 49