Glenn Springs Holdings, Inc.
A subsidiary of Occidental Petroleum

Joe Branch
Project Manager
Direct Dial (231) 670-6809

7601 Old Channel Trail
Montague, MI 49437
Fax (231) 894-4033

December 14, 2011 Reference No. 001431

Mr. Gregory P. Sutton
New York State Department of Environmental Conservation
270 Michigan Avenue
Region 9
Buffalo, NY 14203-2999

Dear Mr. Sutton:

Re: Analytical Results and QA/QC Review
Semiannual Groundwater Sampling – October 2011
102nd Street Landfill Site, Niagara Falls, New York

Pursuant to the requirements of the Consent Decree and the Operations and Maintenance (O&M) Manual, Glenn Springs Holdings, Inc. (GSH) is submitting the Analytical Results and Quality Assurance/Quality Control (QA/QC) Review for the Semiannual Groundwater Sampling performed at the 102nd Street Landfill Site (Site) in October 2011. An electronic copy is provided on the enclosed CD.

The quarterly groundwater quality monitoring that was required for the first 2 years of operation in accordance with the approved O&M Manual was completed in April 2004. As per the O&M Manual, monitoring is to be performed semiannually for the following 8 years after completion of the quarterly monitoring. Therefore, semiannual groundwater quality monitoring will continue through 2012.

A figure showing the orientation of the Site and the locations of the monitoring wells is included in this submittal as Figure 1.

Please contact me at 231-670-6809 should you have any questions or concerns.

Very truly yours,

GLENN SPRINGS HOLDINGS, INC.

JBranch

Joseph Branch
Project Manager
231-670-6809

JB/EG/adh/12
Encl.

c.c.: C. Babcock, GSH
M. Bellotti, Olin
P. Olivo, USEPA
J. Pentilchuk, CRA
J. Polovich, CRA
B. Sadowski, NYSDEC (email)
S. Radon, NYSDEC (email)

LASALLE EXPRESSWAY

DOUBLE-CONTAINED PIPE
BENEATH LASALLE EXPRESSWAY

CO-MH8

CO-MH9

BUFFALO AVENUE

PZ-10

PCM-10

PCM-09

PZ-09

PCM-08

PZ-08

CO-MH1

SAMPLE
MANHOLE

SAMPLE
SHED

PZ-07

BUFFALO AVENUE

TOWN OF WHEATFIELD
CITY OF NIAGARA FALLS

102ND STREET

PCM-06R

PZ-06

PCM-01

PZ-01

CO-1

CO-MH2

NR-01

ACCESS ROAD

2,500 GALLON
SKID TANK

NR-02

NR-04

ACCESS ROAD

NR-10

NR-05

NR-07

APL COLLECTION
TRENCH

2,500 GALLON
SKID TANK

NR-03

CO-7

APL COLLECTION
TRENCH

2'-2" HDPE FORCE MAINS

APL COLLECTION
TRENCH

PZ-04

CO-5

CO-MH6

WET WELL
WW-3

CO-6

CO-MH7

PZ-05

PCM-05

PCM-02

PZ-02

CO-2

CO-MH3

NR-08

CO-4

CO-MH5

PCM-04

LITTLE RIVER

CAYUGA ISLAND

2'-2" HDPE FORCE MAINS

WET WELL
WW-2

CO-MH4

PZ-03

CO-3

PCM-03

WET WELL
WW-4

WET WELL
WW-1

APL COLLECTION
TRENCH

NIAGARA RIVER

0 75 150ft

LEGEND

PROPERTY LINE	SLURRY WALL AND CENTERLINE	CO-2	TRENCH CLEAN OUT
FENCE LINE	APL COLLECTION TRENCH	CO-MH3	FORCEMAIN CLEAN OUT MANHOLE
CRIB WALL	PZ-02	PIEZOMETER LOCATION		NAPL RECOVERY WELL LOCATION
FORCEMAIN	PCM-02	MONITORING WELL LOCATION		

figure 1

PIEZOMETER AND MONITORING WELL LOCATIONS
102ND STREET LANDFILL SITE
GLENN SPRINGS HOLDINGS, INC.
Niagara Falls, New York

01431-D23101(SUTT012)GN-WA001 DEC 14/2011

CONESTOGA-ROVERS
& ASSOCIATES

E-Mail Date: November 30, 2011
E-Mail To: Mike Bellotti; Clint Babcock; Dennis Hoyt; Jane Polovich; Eireann Good; Joseph Branch

E-Mail and Hard Copy If Requested

ANALYTICAL RESULTS AND QA/QC REVIEW
SEMI-ANNUAL GROUNDWATER SAMPLING
102ND STREET LANDFILL
NIAGARA FALLS, NEW YORK
OCTOBER 2011

PREPARED BY:
CONESTOGA-ROVERS & ASSOCIATES
2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: 716-297-6150 Fax: 716-297-2265
Contact: Paul McMahon [bjw]
Date: November 30, 2011
www.CRAworld.com

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LIST OF TABLES
(Following Text)

LIST OF ATTACHMENTS

1.0 INTRODUCTION

Groundwater samples were collected in support of the Operation and Maintenance Program at the 102nd Street Landfill (Site) in Niagara Falls, New York. The samples were collected in October 2011 and delivered to TestAmerica in Pittsburgh, Pennsylvania (TA) for analysis. Samples were analyzed for Site-Specific Parameter List (SSPL) volatile organic compounds (VOCs), SSPL semi-volatile organic compounds (SVOCs), SSPL pesticides, total mercury, and total arsenic. A sampling and analysis summary is presented in Table 1. The analytical results are summarized in Table 2 and the analytical methods used are summarized in Table 3. Copies of the Chain of Custody documents are included in Attachment A.

The final sample results and supporting quality assurance/quality control (QA/QC) results were reported by the laboratory in accordance with the requested deliverables. The QA/QC criteria by which these data were assessed are outlined in the analytical methods used and the following guidance documents:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", October 1999

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", February 1994

All data were reviewed for the QA/QC information detailed in Section 2.0 by Paul McMahon of CRA, Inc.

A graphical presentation of the concentration of chemical constituents versus time for wells PCM-03, PCM-04, and PCM-05 is located in Attachment B.

2.0 QA/QC REVIEW

Holding Times

The sample holding time criteria are specified in Table 3. All holding time criteria were met. All samples were properly preserved and were received chilled.

Surrogate Spike Recoveries –VOCs/SVOCs/Pesticides

All samples and blanks analyzed for VOCs, SVOCs, and pesticides were spiked with surrogate compounds prior to sample extraction and/or analysis. Per the "Guidelines",

it is acceptable for one SVOC surrogate recovery per fraction to be outside of the limits provided the recovery is greater than 10 percent.

All surrogate spike recoveries were acceptable per the "Guidelines", indicating good analytical efficiency.

Laboratory Method Blank Analyses

Method blanks were extracted and/or analyzed with the investigative samples for all parameters. All methods blanks were non-detect for the analytes of interest.

Matrix Spike/Matrix Spike Duplicate/Duplicate (MS/MSD/Duplicate) Analyses

One sample was selected for MS/MSD analyses as specified in Table 1. Most recoveries and all relative percent differences (RPDs) were acceptable, demonstrating good analytical accuracy and precision. Low MS/MSD recoveries were reported for one SVOC, and the associated sample result was qualified as estimated (see Table 4).

Laboratory Control Sample (LCS) Analyses

LCSs were analyzed for all parameters. Some LCS analyses were performed in duplicate. All recoveries and RPDs were acceptable, indicating good analytical accuracy and precision.

Field Duplicate Analysis

One field duplicate sample was submitted "blind" to the laboratory for analyses as summarized in Table 1.

All field duplicate results showed acceptable reproducibility outside of estimated regions of detection, indicating good laboratory and sampling protocol precision.

Trip Blanks

Two trip blanks were collected for the program. The trip blanks were analyzed for VOCs, and all results were non-detect.

Pesticide Dual Column Variability

The laboratory qualified one detected pesticide result because there was some variability between the data reported from the dual column analyses. The result was qualified as estimated (see Table 5).

3.0 CONCLUSION

Based on this QA/QC review, the data presented in Table 2 are acceptable with the noted qualifications.

TABLES

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
102ND STREET LANDFILL
NIAGARA FALLS, NEW YORK
OCTOBER 2011

				Analysis/Parameters					
Sample ID	*Location I.D.* [1]	*Collection Date*	*Collection Time*	*BHCs*	*VOCs*	*Metals*	*SVOCs*	*Depth to Water* [2] *(ft. BTOC)*	*Comment*
102NDTRIP-101811	-	10/18/2011	-		X			-	Trip Blank
PCBM-02-1011	PCBM-02	10/18/2011	10:40:00 AM	X	X	X	X	11.83	
PCM-05-1011	PCM-05	10/18/2011	11:55:00 AM	X	X	X	X	12.52	
PCM-07R-1011	PCM-07R	10/18/2011	9:45:00 AM	X	X	X	X	12.88	
PCM-09-1011	PCM-09	10/18/2011	12:50:00 PM	X	X	X	X	8.21	
PCM-10-1011	PCM-10	10/18/2011	2:15:00 PM	X	X	X	X	13.02	
102NDTRIP-101911	-	10/19/2011	-		X			-	Trip Blank
PCBM-01-1011	PCBM-01	10/19/2011	3:10:00 PM	X	X	X	X	12.58	MS/MSD/Duplicate
PCBM-03-1011	PCBM-03	10/19/2011	10:00:00 AM	X	X	X	X	15.98	
PCM-12-1011	PCBM-03	10/19/2011	10:30:00 AM	X	X	X	X	15.98	Duplicate of PCBM-03-1011
PCM-01-1011	PCM-01	10/19/2011	11:15:00 AM	X	X	X	X	12.29	
PCM-02-1011	PCM-02	10/19/2011	1:15:00 PM	X	X	X	X	11.17	
PCM-03-1011	PCM-03	10/19/2011	3:45:00 PM	X	X	X	X	12.75	
PCM-04-1011	PCM-04	10/19/2011	5:20:00 PM	X	X	X	X	11.47	
PCM-08-1011	PCM-08	10/19/2011	9:10:00 AM	X	X	X	X	8.97	

Notes:

[1] Well PCM-06 was dry.
[2] Niagara River water level for September 27, 2011 was 563.92 feet.
- Not applicable.
BHCs Benzene Hexachlorides.
ft. BTOC Feet Below Top of Casing.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
SVOCs Semi-Volatile Organic Compounds.
VOCs Volatile Organic Compounds.

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
102ND STREET LANDFILL
NIAGARA FALLS, NEW YORK
OCTOBER 2011

	Sample Location:	*PCBM-01*	*PCBM-02*	*PCBM-03*	*PCBM-03*	*PCM-01*	*PCM-02*	*PCM-03*
	Sample ID:	*PCBM-01-1011*	*PCBM-02-1011*	*PCBM-03-1011*	*PCM-12-1011*	*PCM-01-1011*	*PCM-02-1011*	*PCM-03-1011*
	Sample Date:	*10/19/2011*	*10/18/2011*	*10/19/2011*	*10/19/2011 (Duplicate)*	*10/19/2011*	*10/19/2011*	*10/19/2011*
Parameters	*Units*							
Volatile Organic Compounds								
1,2,3-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	130 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	130 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	46 J
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	220
2-Chlorotoluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	130 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	34 J
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.16 J	3000
Semi-volatile Organic Compounds								
1,2,4,5-Tetrachlorobenzene	µg/L	9.5 U	9.6 U	48 U	9.6 U	9.6 U	9.7 U	9.6 U
2,4,5-Trichlorophenol	µg/L	9.5 U	9.6 U	48 U	9.6 U	9.6 U	9.7 U	9.6 U
2,4-Dichlorophenol	µg/L	9.5 U	9.6 U	48 U	9.6 U	9.6 U	9.7 U	9.6 U
2,5-Dichlorophenol	µg/L	9.5 UJ	9.6 U	48 U	9.6 U	9.6 U	9.7 U	9.6 U
2-Chlorophenol	µg/L	9.5 U	9.6 U	17 J	9.6 U	9.6 U	9.7 U	9.6 U
4-Chlorophenol	µg/L	9.5 U	9.6 U	48 U	9.6 U	9.6 U	9.7 U	9.6 U
Phenol	µg/L	9.5 U	9.6 U	48 U	9.6 U	9.6 U	9.7 U	9.6 U
Pesticides								
alpha-BHC	µg/L	0.048 U	0.047 U	0.048 U	0.048 U	0.047 U	0.048 U	0.048 U
beta-BHC	µg/L	0.048 U	0.047 U	0.054	0.048 U	0.047 U	0.048 U	0.048 U
delta-BHC	µg/L	0.055	0.047 U	0.52	0.048 U	0.047 U	0.048 U	0.048 U
gamma-BHC (lindane)	µg/L	0.048 U	0.047 U	0.048 U	0.048 U	0.047 U	0.048 U	0.048 U
Metals								
Arsenic	µg/L	10 U	10 U	3.9 J	10 U	2.9 J	2.8 J	10 U
Mercury	µg/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
102ND STREET LANDFILL
NIAGARA FALLS, NEW YORK
OCTOBER 2011

	Sample Location:	*PCM-04*	*PCM-05*	*PCM-07R*	*PCM-08*	*PCM-09*	*PCM-10*
	Sample ID:	*PCM-04-1011*	*PCM-05-1011*	*PCM-07R-1011*	*PCM-08-1011*	*PCM-09-1011*	*PCM-10-1011*
	Sample Date:	*10/19/2011*	*10/18/2011*	*10/18/2011*	*10/19/2011*	*10/18/2011*	*10/18/2011*
Parameters	***Units***						
Volatile Organic Compounds							
1,2,3-Trichlorobenzene	µg/L	500 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	500 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	500 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	200 J	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Chlorotoluene	µg/L	500 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzene	µg/L	500 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	8000	81	1.0 U	1.0 U	1.0 U	1.0 U
Semi-volatile Organic Compounds							
1,2,4,5-Tetrachlorobenzene	µg/L	48 U	9.7 U	9.7 U	9.6 U	9.7 U	9.6 U
2,4,5-Trichlorophenol	µg/L	48 U	9.7 U	9.7 U	9.6 U	9.7 U	9.6 U
2,4-Dichlorophenol	µg/L	48 U	9.7 U	9.7 U	9.6 U	9.7 U	9.6 U
2,5-Dichlorophenol	µg/L	48 U	9.7 U	9.7 U	9.6 U	9.7 U	9.6 U
2-Chlorophenol	µg/L	39 J	9.7 U	9.7 U	9.6 U	9.7 U	9.6 U
4-Chlorophenol	µg/L	48 U	2.8 J	9.7 U	9.6 U	9.7 U	9.6 U
Phenol	µg/L	48 U	9.7 U	9.7 U	9.6 U	9.7 U	9.6 U
Pesticides							
alpha-BHC	µg/L	0.047 U	0.048 U	0.048 U	0.048 U	0.047 U	0.048 U
beta-BHC	µg/L	0.047 U	0.048 U	0.048 U	0.048 U	0.047 U	0.045 J
delta-BHC	µg/L	0.090	0.048 U	0.057 J	0.048 U	0.047 U	0.048 U
gamma-BHC (lindane)	µg/L	0.047 U	0.048 U	0.048 U	0.048 U	0.047 U	0.048 U
Metals							
Arsenic	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Mercury	µg/L	0.064 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

Notes:

UJ - Non-detect; Estimated reporting limit.
U - Non-detect at the associated value.
J - Estimated.

TABLE 3

ANALYTICAL METHOD SUMMARY
SEMI-ANNUAL GROUNDWATER SAMPLING
102ND STREET LANDFILL
NIAGARA FALLS, NEW YORK
OCTOBER 2011

Analyses	*Methodology* [(1)]	*Holding Time to Extraction (Days)*	*Holding Time to Analyses (Days)*
VOCs	SW-846 8260B	-	14
SVOCs	SW-846 8270C	7	40
Pesticides	SW-846 8081A	7	40
Arsenic	SW-846 6010B	-	180
Mercury	SW-846 7470A	-	28

Notes:

(1) Referenced from "Test Methods for Evaluating Solid Waste", USEPA OSW, 3rd Edition, 1986.
SVOCs Semi-Volatile Organic Compounds.
VOCs Volatile Organic Compounds.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
SEMI-ANNUAL GROUNDWATER SAMPLING
102ND STREET LANDFILL
NIAGARA FALLS, NEW YORK
OCTOBER 2011

Parameter	*Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD (percent)*	*Control Limits Recovery (percent)*	*Control Limits RPD (percent)*	*Sample Result*	*Units*	*Qualifier*
SVOCs	PCBM-01-1011	2,5-Dichlorophenol	28	29	3	30-125	0-25	9.5 U	µg/L	UJ

Notes:

MS Matrix Spike.
MSD Matrix Spike Duplicate.
RPD Relative Percent Difference.
SVOCs Semi-Volatile Organic Compounds.
U Non-detect at the associated value.
UJ Non-detect; Estimated reporting limit.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO DIFFERENCES IN DUAL COLUMN RESULTS
SEMI-ANNUAL GROUNDWATER SAMPLING
102ND STREET LANDFILL
NIAGARA FALLS, NEW YORK
OCTOBER 2011

Parameter	*Compound*	*Associated Sample ID*	*%D*	*Qualified Sample Results*	*Units*
Pesticides	delta-BHC	PCM-07R-1011	>40%	0.057 J	µg/L

Notes:

%D Percent difference.
J Estimated concentration.

ATTACHMENT A

CHAIN OF CUSTODY DOCUMENTS

180-5137 .5 .1 .6 .2 #5

EVENT COMPLETE

CHAIN-OF-CUSTODY/Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Client Information	
GSH	Report To: PMcmahon@craworld.com
805 97th Street	Copy To:
Love Canal	
Niagara Falls, NY 14304	Invoice To:PMcmahon@craworld.com
Phone: 716-283-0111	PO:
Fax:	Project Name: 102nd Street
Email: PMcmahon@craworld.com	Project Number: 53716-05-03

Lab Information
Laboratory: TEST AMERICA PITTSBURGH
Laboratory Location: 301 ALPHA DRIVE PITTSBURGH, PA 15238
Laboratory Contact: DAVID DUNLAP
Requested Due Date: TAT: 10
QA/QC Requirements:

Event Information
ID#: 102ND-SEMI-101911-1
SSOW Ref#:
Sampler Name: Shawn Maher

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Identification	Matrix Code	Date Collected	Time Collected	As/MeC(HNO3)	BHC(none)	SVOCs(none)	VOCs(HCl)	Remarks
102NDTRIP-101911	WG Q	10/19/2011	00:00	0	0	0	2	
PCBM-01-1011	WG	10/19/2011	15:10	3	6	6	9	MS/MSD
PCBM-03-1011	WG	10/19/2011	10:00	1	2	2	3	
PCM-01-1011	WG	10/19/2011	11:15	1	2	2	3	
PCM-02-1011	WG	10/19/2011	13:15	1	2	2	3	
PCM-03-1011	WG	10/19/2011	15:45	1	2	2	3	
PCM-04-1011	WG	10/19/2011	17:20	1	2	2	3	
PCM-08-1011	WG	10/19/2011	09:10	1	2	2	3	
PCM-12-1011	WG	10/19/2011	10:30	1	2	2	3	
Total Bottles				10	20	20	32	Grand Total:82

Sample Condition

Temp in C	
Received on ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
FedEx	4	Shawn Maher	10/20/11	0935	[illegible] O'Dell	10/20/11	1500
AIRBILL#:							

11/9/2011

180-5058 ,3 .8 #5

CHAIN-OF-CUSTODY/Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

11/9/2011

Client Information	
GSH	Report To: PMcmahon@craworld.com
805 97th Street	Copy To:
Love Canal	
Niagara Falls, NY 14304	Invoice To:PMcmahon@craworld.com
Phone: 716-283-0111	PO:
Fax:	Project Name: 102nd Street
Email: PMcmahon@craworld.com	Project Number: 53716-05-03

Lab Information
Laboratory: TEST AMERICA PITTSBURGH
Laboratory Location: 301 ALPHA DRIVE PITTSBURGH, PA 15238
Laboratory Contact: DAVID DUNLAP
Requested Due Date: TAT: 10
QA/QC Requirements:

Event Information
ID#: 102ND-SEMI-101811-1
SSOW Ref#:
Sampler Name: Shawn Mahon

Valid Matrix Code
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment

Sample Identification	Matrix Code	Date Collected	Time Collected	As/MeC(HNO3)	BHC(none)	SVOCs(none)	VOCs(HCl)	Remarks
102NDTRIP-101811	WG Q	10/18/2011	00:00	0	0	0	2	
PCBM-02-1011	WG	10/18/2011	10:40	1	2	2	3	
PCM-05-1011	WG	10/18/2011	11:55	1	2	2	3	
PCM-07R-1011	WG	10/18/2011	09:45	1	1	1	3	
PCM-09-1011	WG	10/18/2011	12:50	1	1	1	3	
PCM-10-1011	WG	10/18/2011	14:15	1	2	2	3	
Total Bottles				5	8	8	17	Grand Total:38

Sample Condition

Temp in C	
Received on ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY:	DATE	TIME	RECIEVED BY:	DATE	TIME
FedEx		Shawn Mahon	10/18/11	1635	B L Dill	10/19/11	1000
AIRBILL#:							

ATTACHMENT B

GRAPHICAL PRESENTATION
CHEMICAL CONCENTRATION VERSUS TIME

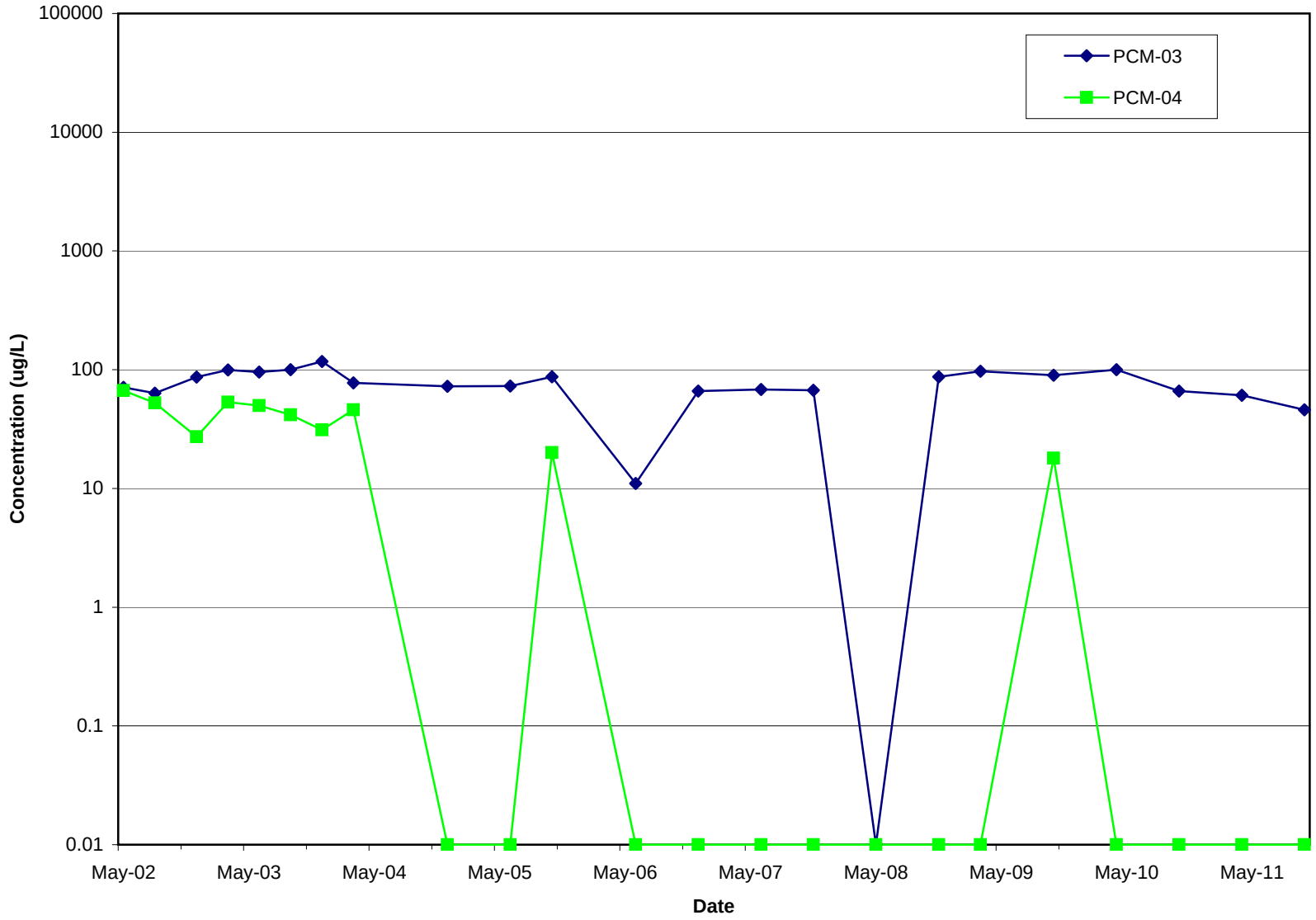

figure 1
CONCENTRATION OF 1,2-DICHLOROBENZENE vs. TIME
102ND STREET LANDFILL

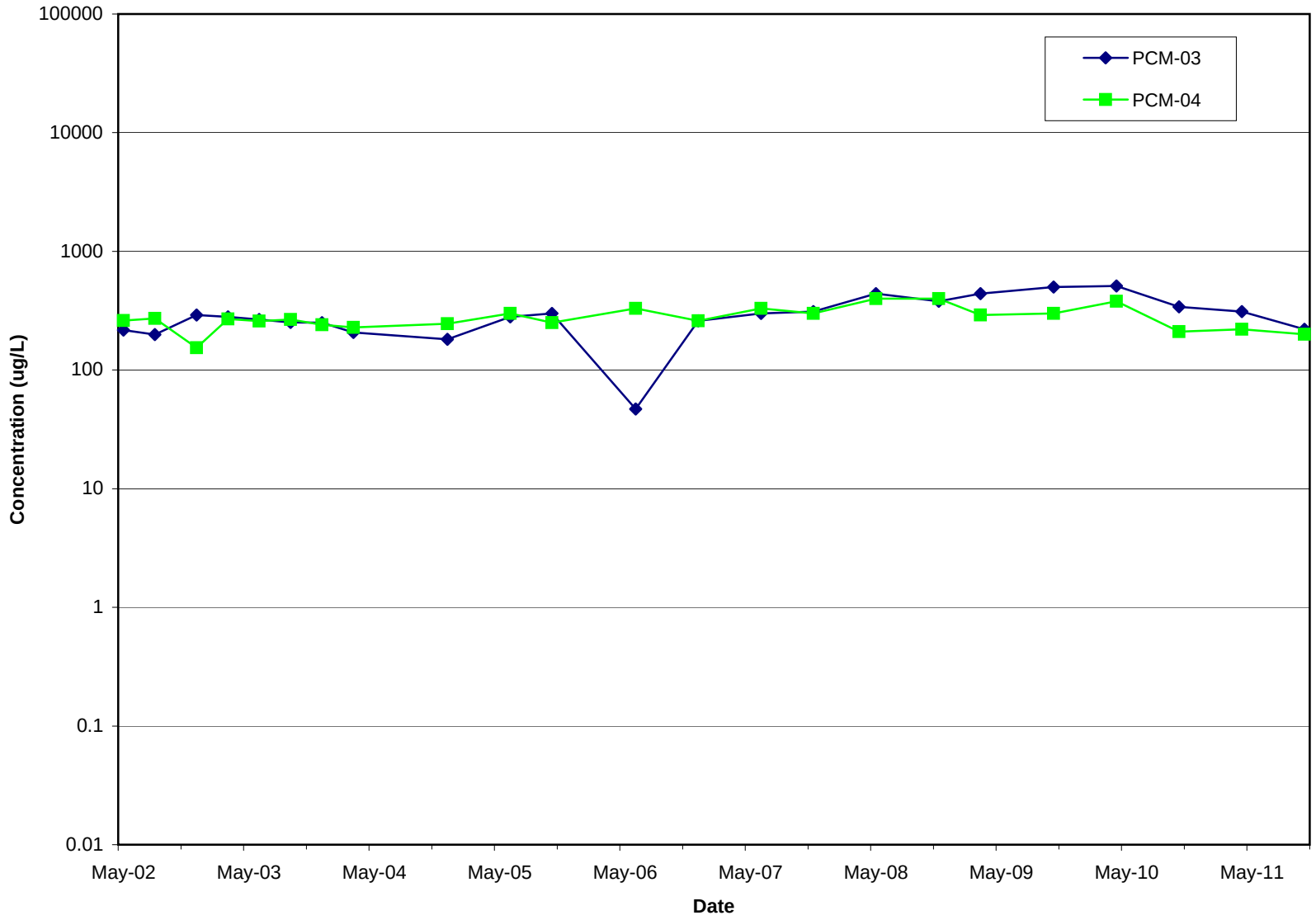

figure 2
CONCENTRATION OF 1,4-DICHLOROBENZENE vs. TIME
102ND STREET LANDFILL

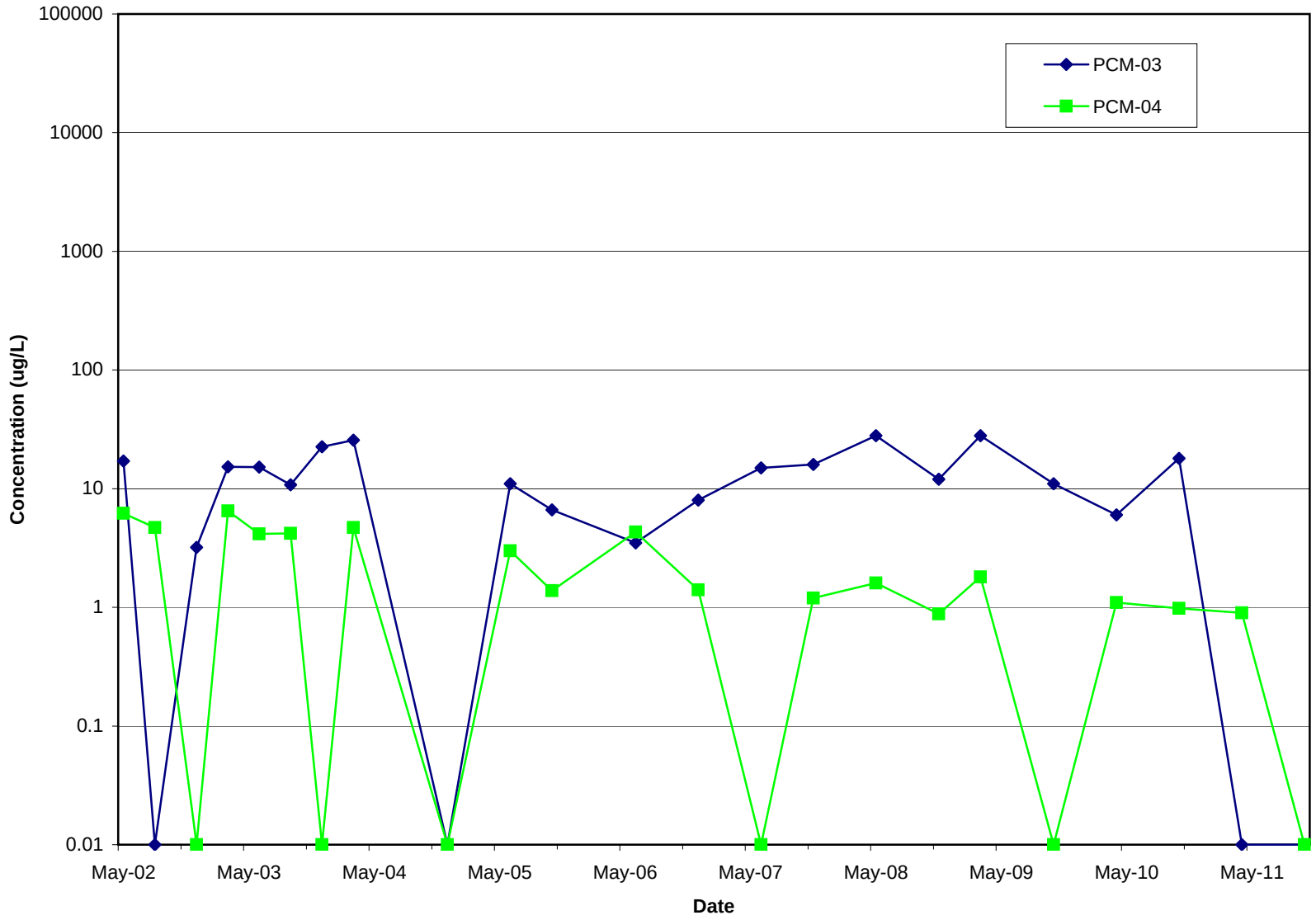

figure 3
CONCENTRATION OF 2,4-DICHLOROPHENOL vs. TIME
102ND STREET LANDFILL

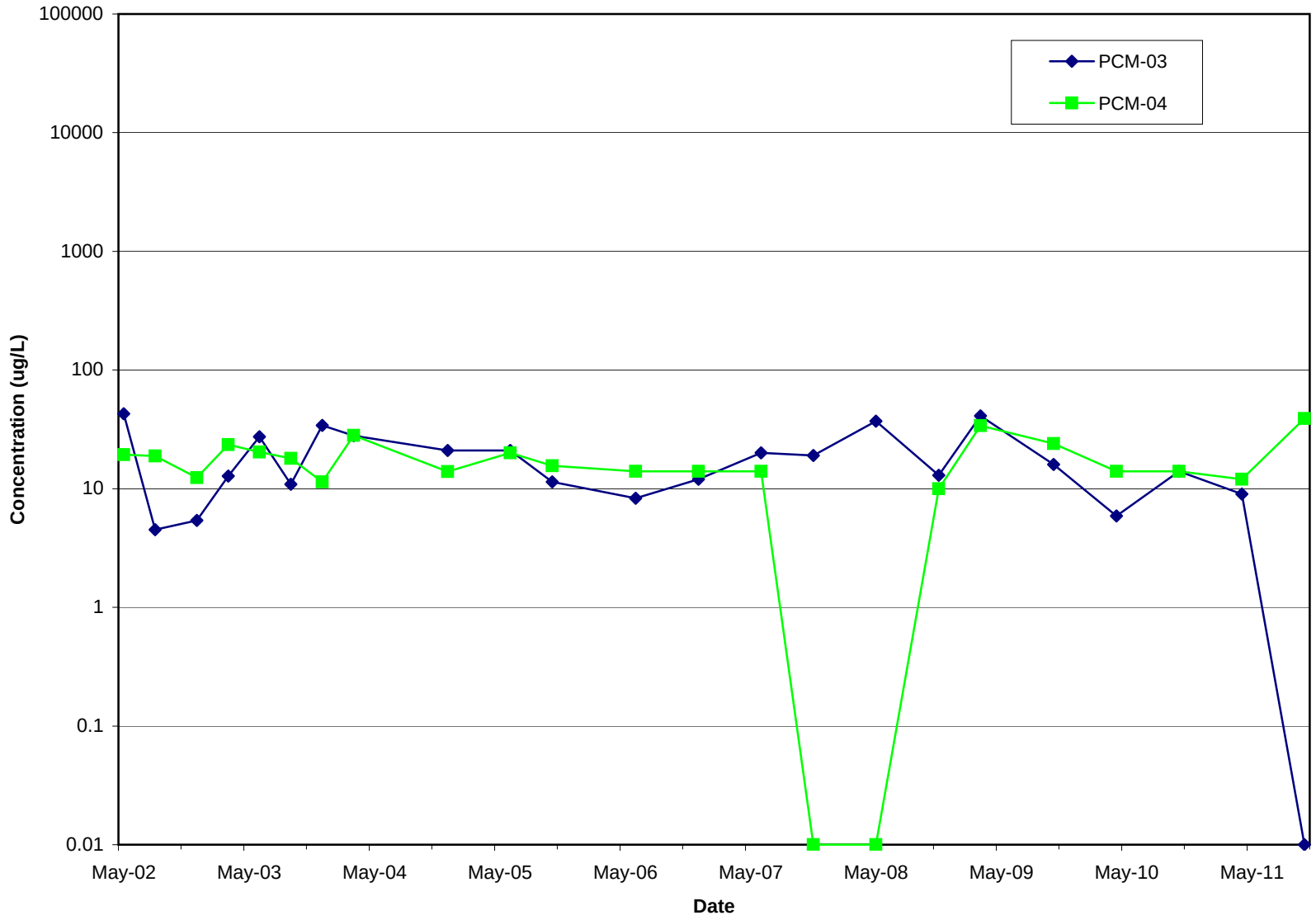

figure 4
CONCENTRATION OF 2-CHLOROPHENOL vs. TIME
102ND STREET LANDFILL

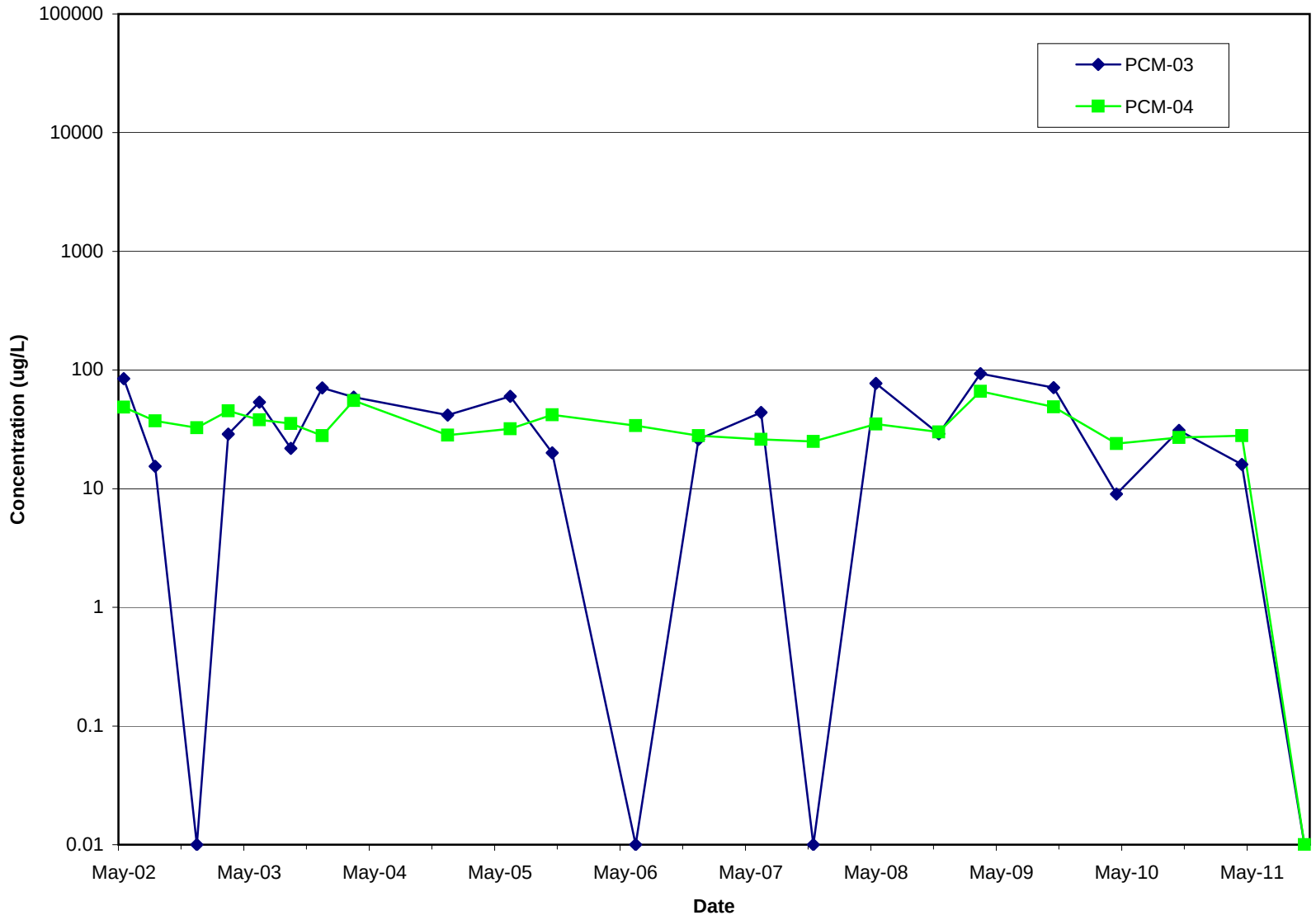

figure 5
CONCENTRATION OF 4-CHLOROPHENOL vs. TIME
102ND STREET LANDFILL

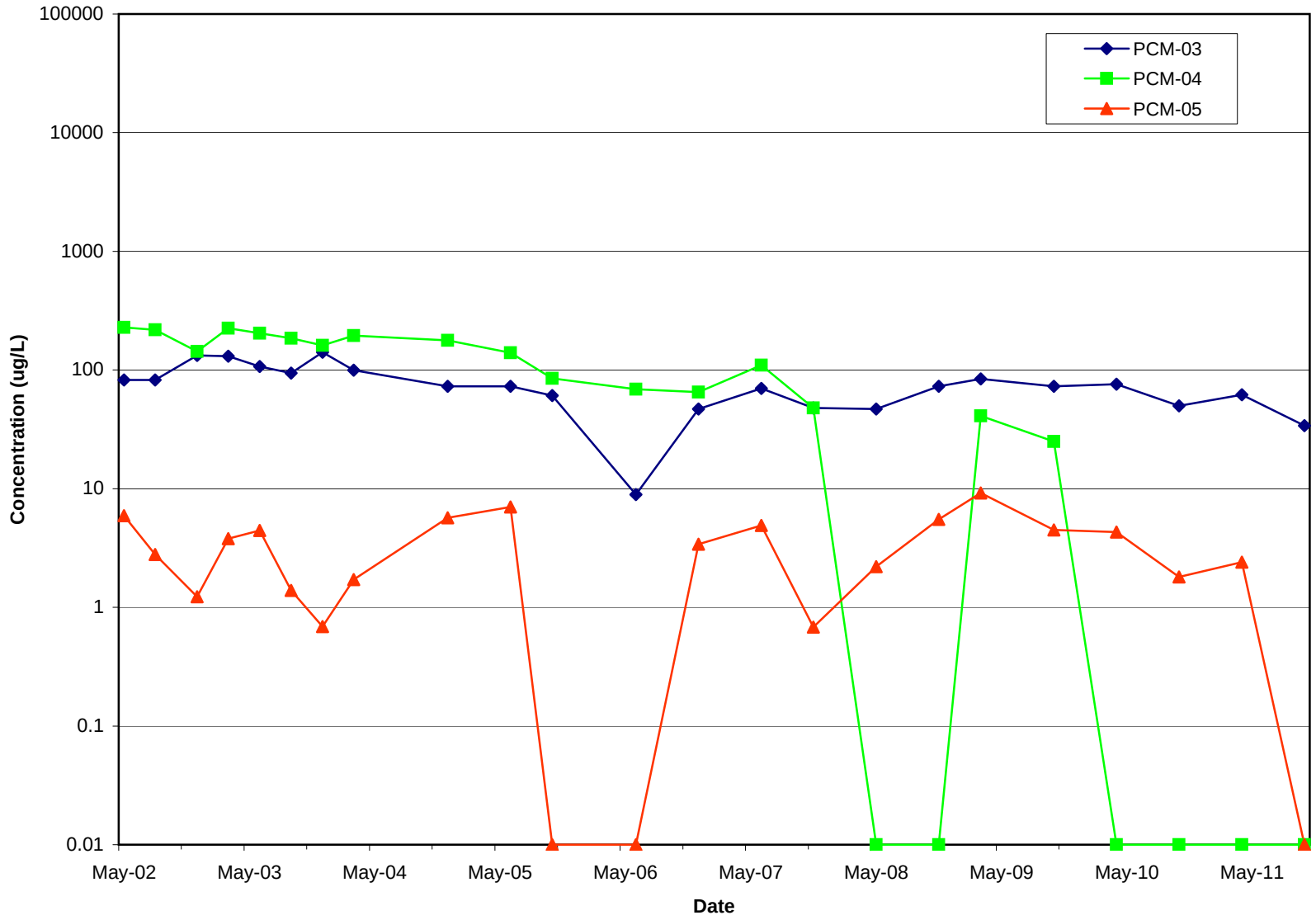

figure 6
CONCENTRATION OF BENZENE vs. TIME
102ND STREET LANDFILL

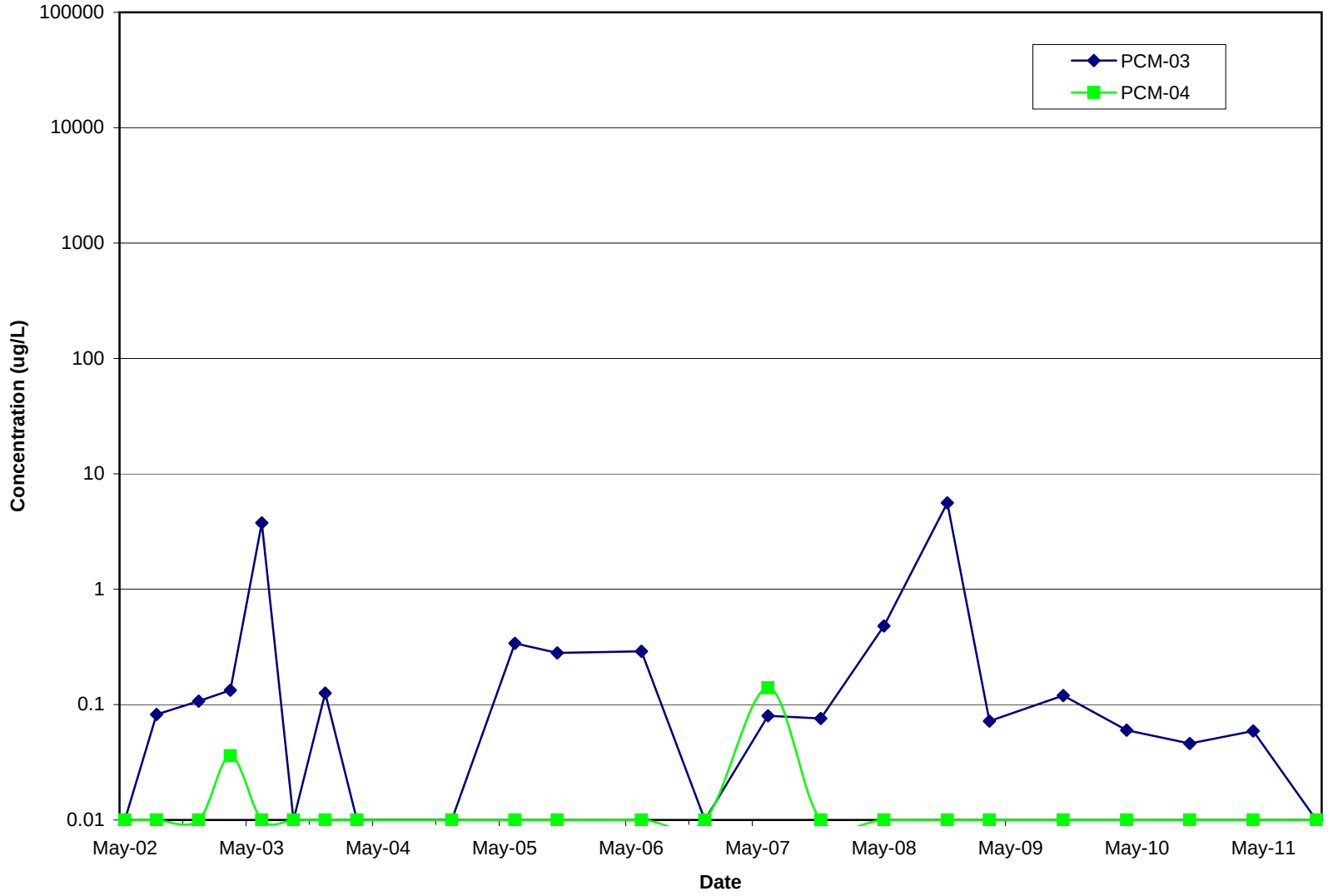

figure 7
CONCENTRATION OF BETA-BHC vs. TIME
102ND STREET LANDFILL

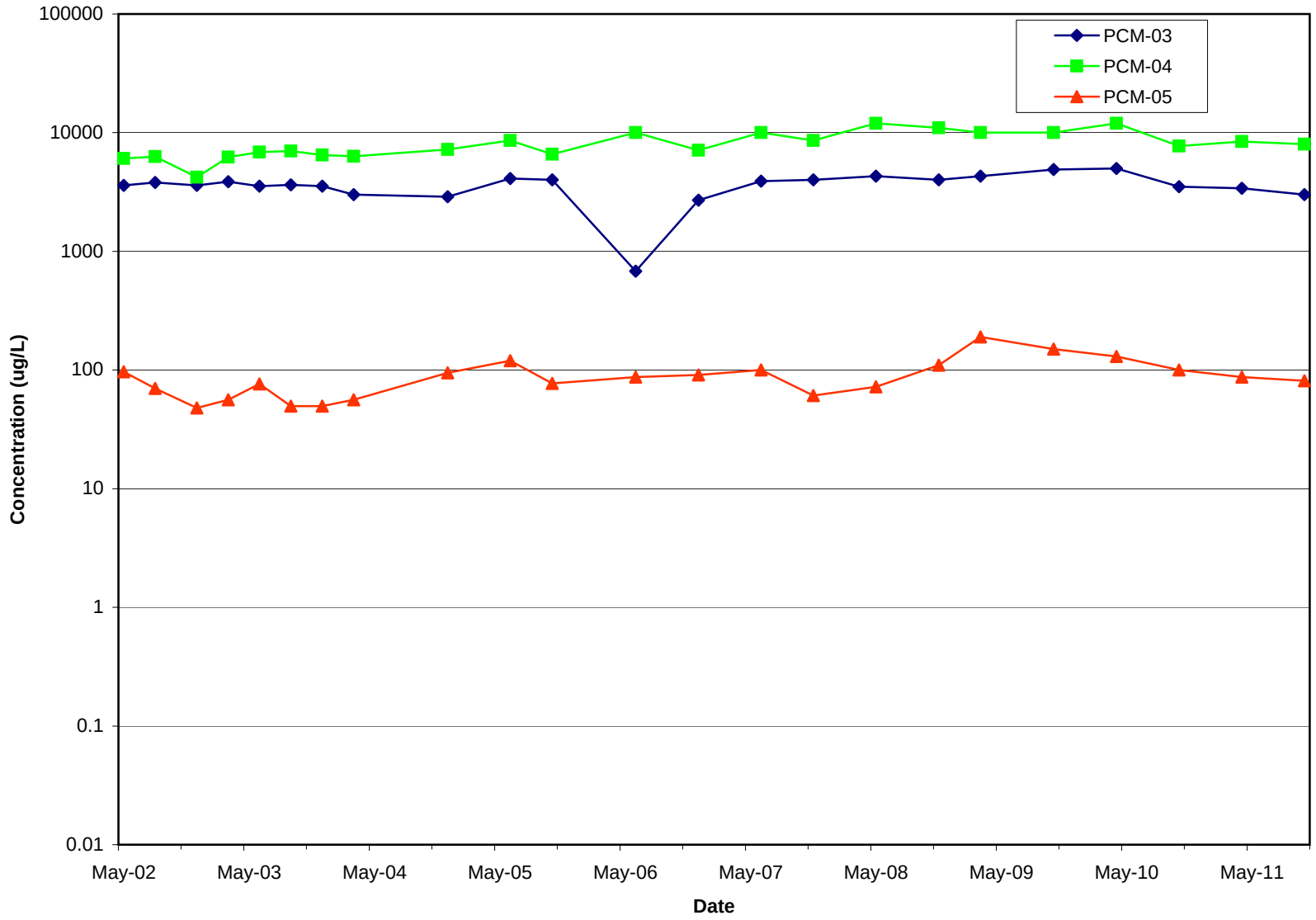

figure 8
CONCENTRATION OF CHLOROBENZENE vs. TIME
102ND STREET LANDFILL

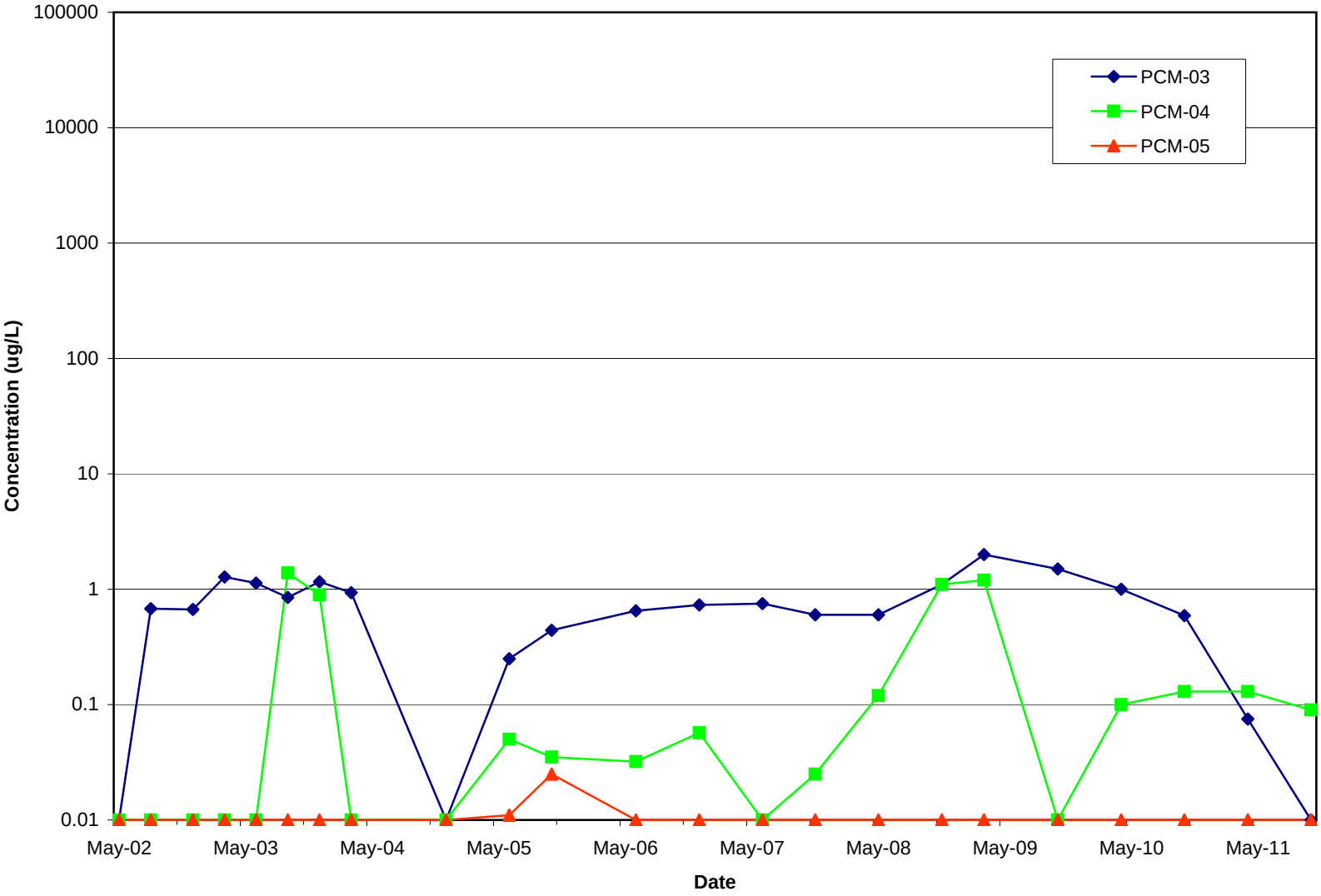

figure 9
CONCENTRATION OF DELTA-BHC vs. TIME
102ND STREET LANDFILL

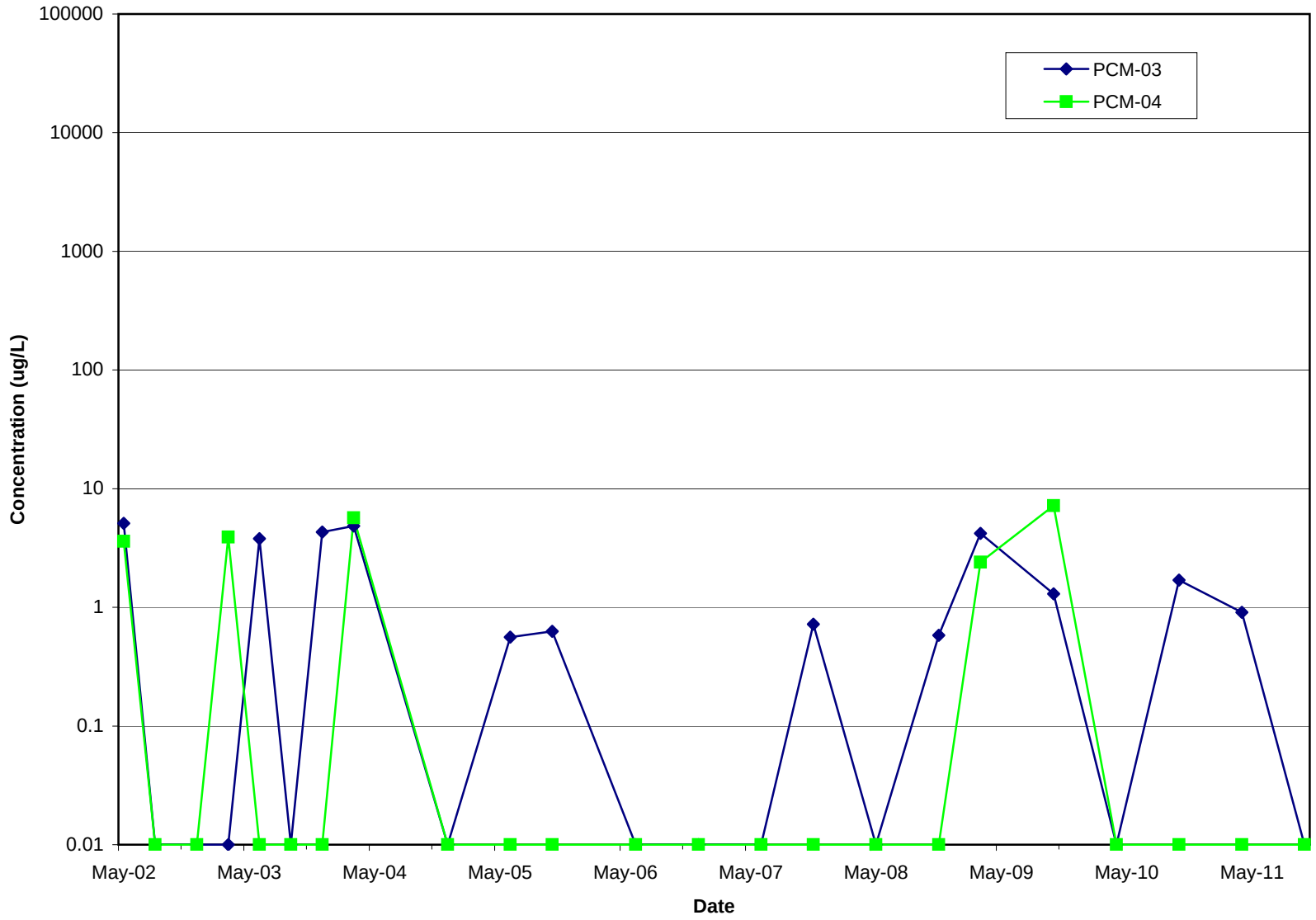

figure 10
CONCENTRATION OF PHENOL vs. TIME
102ND STREET LANDFILL