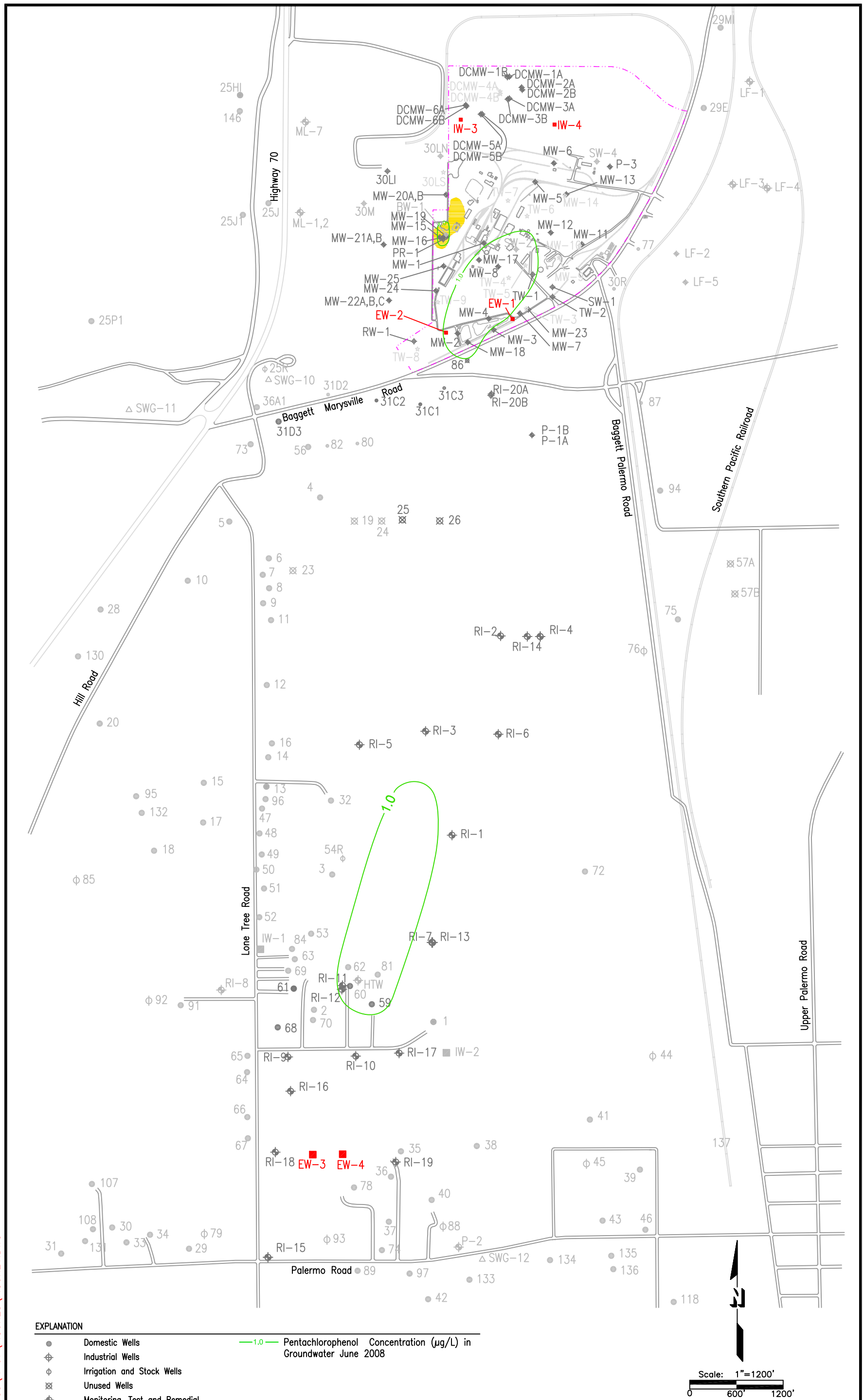
FIGURES



EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed Wells
- Extraction and Injection Wells
- Property Boundary
- TI Zone
- 1.0 — Pentachlorophenol Concentration (µg/L) in Groundwater June 2008

Scale: 1"=1200'
0 600' 1200'

Note: Wells included in the Remedial Action Monitoring Program appear in regular font. Wells not included in the monitoring program have been screened for differentiation purposes.

Koppers Company, Inc. Superfund Site	DATE: 3/11/2009
	DESIGNED: KM
	CHECKED: JAA
Site Plan	APPROVED:
	DRAWN: WFS
	PROJ.: 2201.135
GeoTrans, Inc.	Figure 1

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE1.DWG

DCMW-1B DCMW-1A DCMW-2A DCMW-2B DCMW-4A DCMW-4B DCMW-3A DCMW-6A DCMW-6B DCMW-3B IW-3 IW-4 DCMW-5A DCMW-5B MW-6 P-3 MW-13 MW-5 MW-20A,B BW-1 MW-19 MW-15 MW-16 MW-21A,B PR-1 MW-1 MW-17 MW-8 MW-12 MW-11 MW-25 MW-24 MW-22A,B,C EW-2 EW-1 MW-4 TW-1 SW-1 TW-2 RW-1 MW-2 MW-3 MW-18 MW-23 MW-7 TW-8 86 30LI 30LS 30M 30LN 25HI 146 25J 25J1 25P1 ML-7 ML-1,2 Highway 70 29M 29E LF-1 LF-2 LF-3 LF-4 LF-5 30R 77 87 94 SW-4 TW-7 TW-6 MW-14 MW-10 TW-4 TW-5 TW-9 TW-3 1.0

ϕ25R SWG-10 SWG-11 36A1 31D2 31C2 31C3 31C1 31D3 Baggett Marysville Road RI-20A RI-20B 121 120 P-1B P-1A Baggett Palermo Road Southern Pacific Railroad

73 56 82 80 4 5 119.35 25 119.27 26 19 24 119 6 7 23 8 9 11 10 28 118 RI-2 RI-4 RI-14 130 Hill Road 117 12 20 116 RI-3 RI-6 RI-5 16 14 15 95 132 17 18 ϕ85 13 96 47 48 49 50 51 52 115 32 RI-1 54R ϕ 3 114 72 IW-1 84 53 65 113 112.26 69 62 81 RI-11 HTW 61 60 59 RI-8 ϕ92 91 RI-12 2 70 112 68 1 111.63(B) 111.41 65 RI-9 RI-10 RI-17 IW-2 64 111.53 111 RI-16 110.91(B) 66 67 110.51(A) 35 38 RI-18 EW-3 EW-4 RI-19 36 110.33(A) 78 40 110 107 109 108 30 34 ϕ79 33 29 31 131 ϕ93 37 ϕ88 P-2 74 108 RI-15 Palermo Road 89 97 133 42 108.03 SWG-12 134 135 136 118 ϕ44 Upper Palermo Road 41 137 ϕ45 39 43 46 57A 57B 75 76ϕ

EXPLANATION

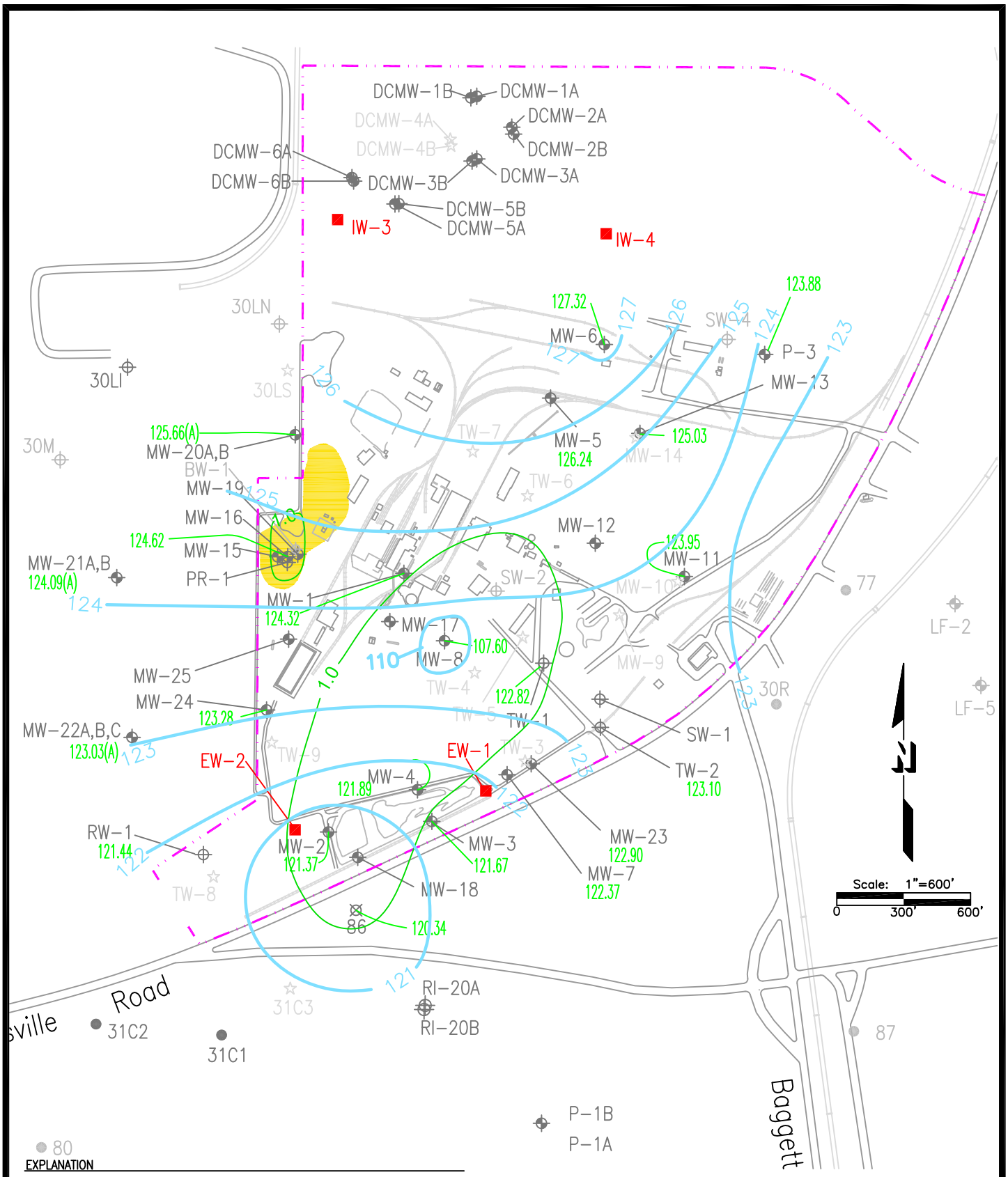
- Domestic Wells
- Industrial Wells
- ϕ Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed Wells
- Extraction and Injection Wells
- Property Boundary
- 1.0 — Pentachlorophenol Concentration (µg/L) in Groundwater March 2008
- 116 — Groundwater Contour
- 108.03 Groundwater Elevation (ft. MSL)
- TI Zone

Note: Wells included in the Remedial Action Monitoring Program appear in regular font. Wells not included in the monitoring program have been screened for differentiation purposes.

Scale: 1"=1200'
0 600' 1200'

Koppers Company, Inc. Superfund Site	DATE: 3/10/2009
Off-Property Groundwater Contours January 2008	DESIGNED: KM
	CHECKED: JAA
	APPROVED:
	DRAWN: WFS
	PROJ.: 2201.135
GeoTrans, Inc.	Figure 2A

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE2A.DWG



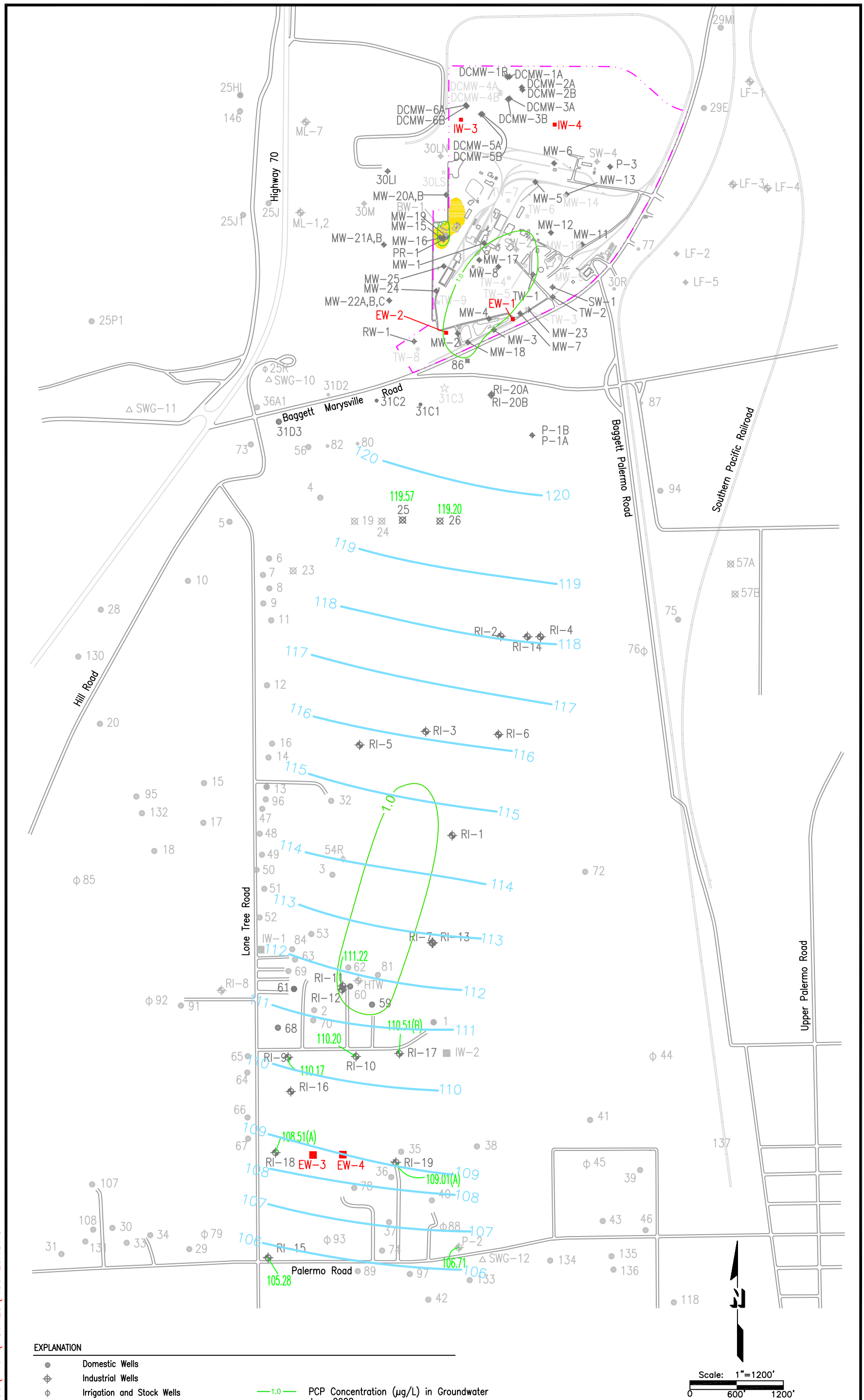
EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed/Abandoned Wells
- TI Zone
- EW Extraction Wells
- IW Injection Wells
- Property Boundary
- 1.0 Pentachlorophenol Concentration in Groundwater March 2008
- 122.37 Groundwater Elevation (ft MSL)
- 126 Groundwater Contours

Note: Wells included in the Remedial Action Monitoring Program appear in regular font. Wells not included in the monitoring program have been screened for differentiation purposes.

Koppers Company, Inc. Superfund Site	DATE: 3/10/2009
	DESIGNED: KM
	CHECKED: JAA
	APPROVED:
	DRAWN: WFS
	PROJ.: 2201.135
On-Property Groundwater Contours January 2008	
GeoTrans, Inc.	Figure 2B

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE2B.DWG



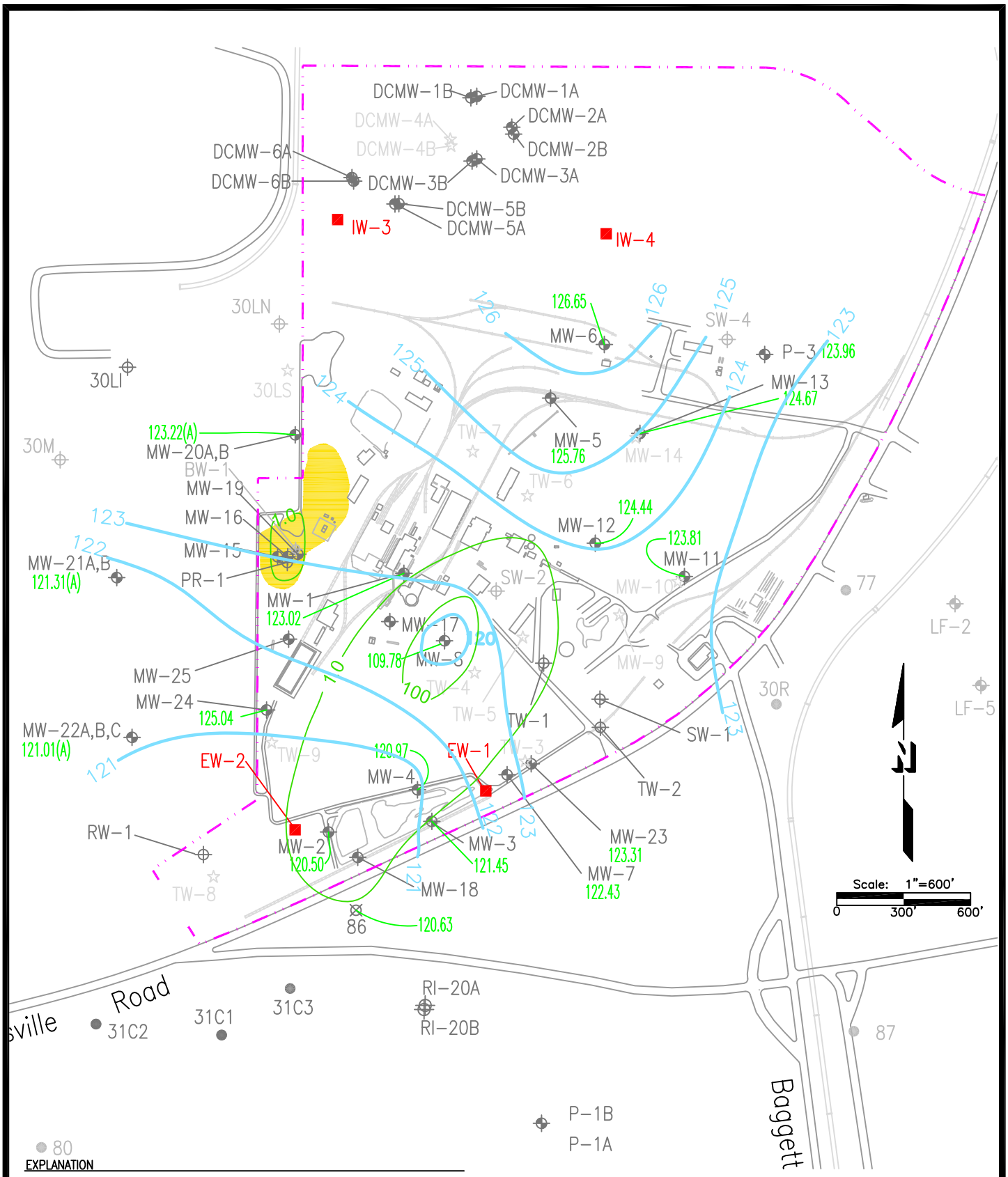
EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed Wells
- Extraction and Injection Wells
- Property Boundary
- 1.0 — PCP Concentration (µg/L) in Groundwater June 2008
- 108 — Groundwater Contour
- 105.28 — Groundwater Elevation (ft. MSL)
- TI Zone

Note: Wells included in the Remedial Action Monitoring Program appear in regular font. Wells not included in the monitoring program have been screened for differentiation purposes.

Koppers Company, Inc. Superfund Site	DATE: 3/10/2009
	DESIGNED: KM
	CHECKED: JAA
	APPROVED:
	DRAWN: WFS
	PROJ.: 2201.135
Off-Property Groundwater Contours June 2008	
GeoTrans, Inc.	Figure 3A

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE3A.DWG



EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed/Abandoned Wells
- TI Zone
- EW Extraction Wells
- IW Injection Wells
- Property Boundary
- 1.0 Pentachlorophenol Concentration in Groundwater June 2008
- 121.45 Groundwater Elevation (ft MSL)
- 123 Groundwater Contours

Note: Wells included in the Remedial Action Monitoring Program appear in regular font. Wells not included in the monitoring program have been screened for differentiation purposes.

Koppers Company, Inc. Superfund Site	DATE: 3/13/2009
	DESIGNED: KM
	CHECKED: JAA
	APPROVED:
	DRAWN: WFS
	PROJ.: 2201.135
On-Property Groundwater Contours June 2008	
GeoTrans, Inc.	Figure 3B

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE3B.DWG

DCMW-1B DCMW-1A DCMW-2A DCMW-2B DCMW-4A DCMW-4B DCMW-3A DCMW-3B DCMW-6A DCMW-6B IW-3 IW-4 DCMW-5A DCMW-5B 30LN 30LI 30LS MW-6 SW-4 P-3 MW-13 MW-5 MW-14 TW-7 TW-6 MW-20A,B BW-1 30M MW-19 MW-15 MW-16 MW-21A,B PR-1 MW-1 MW-12 MW-11 MW-10 SW-2 MW-17 MW-8 TW-4 MW-25 MW-24 MW-22A,B,C TW-9 TW-5 TW-1 EW-1 SW-1 TW-2 EW-2 MW-4 TW-3 MW-23 RW-1 MW-2 MW-3 MW-7 MW-18 TW-8 86 66 1.0

Highway 70 Baggett Marysville Road Baggett Palermo Road Southern Pacific Railroad Hill Road Lone Tree Road Upper Palermo Road Palermo Road

25HI 146 ML-7 25J ML-1,2 25J1 25P1 29MI 29E LF-1 LF-3 LF-4 LF-2 LF-5 77 30R 25R SWG-10 31D2 36A1 SWG-11 31C2 31C3 31C1 RI-20A RI-20B 31D3 P-1B P-1A 87 73 56 82 80 4 94 5 25 19 24 26 <0.5 6 7 23 8 9 11 10 28 130 12 20 16 14 RI-5 RI-3 <0.5 RI-6 RI-2 RI-14 RI-4 57A 57B 75 76 15 95 132 17 13 96 47 48 49 50 51 52 32 RI-1 54R 3 18 85 72 IW-1 84 53 63 69 61 RI-8 92 91 RI-11 HTW 62 81 60 59 RI-12 2 70 68 1 RI-7 RI-13 65 64 RI-9 RI-10 RI-17 IW-2 44 RI-16 66 67 RI-18 EW-3 EW-4 35 36 RI-19 38 41 137 45 39 78 40 107 108 30 34 79 31 135 33 29 37 7 93 88 P-2 43 46 SWG-12 134 135 136 89 97 133 42 118

EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed Wells
- Extraction and Injection Wells
- Property Boundary
- 1.0 — Pentachlorophenol Concentration (µg/L) in Groundwater March 2008
- <0.5 Pentachlorophenol Concentration (µg/L) March 2008
- TI Zone

N

Scale: 1"=1200'
0 600' 1200'

Koppers Company, Inc.
Superfund Site

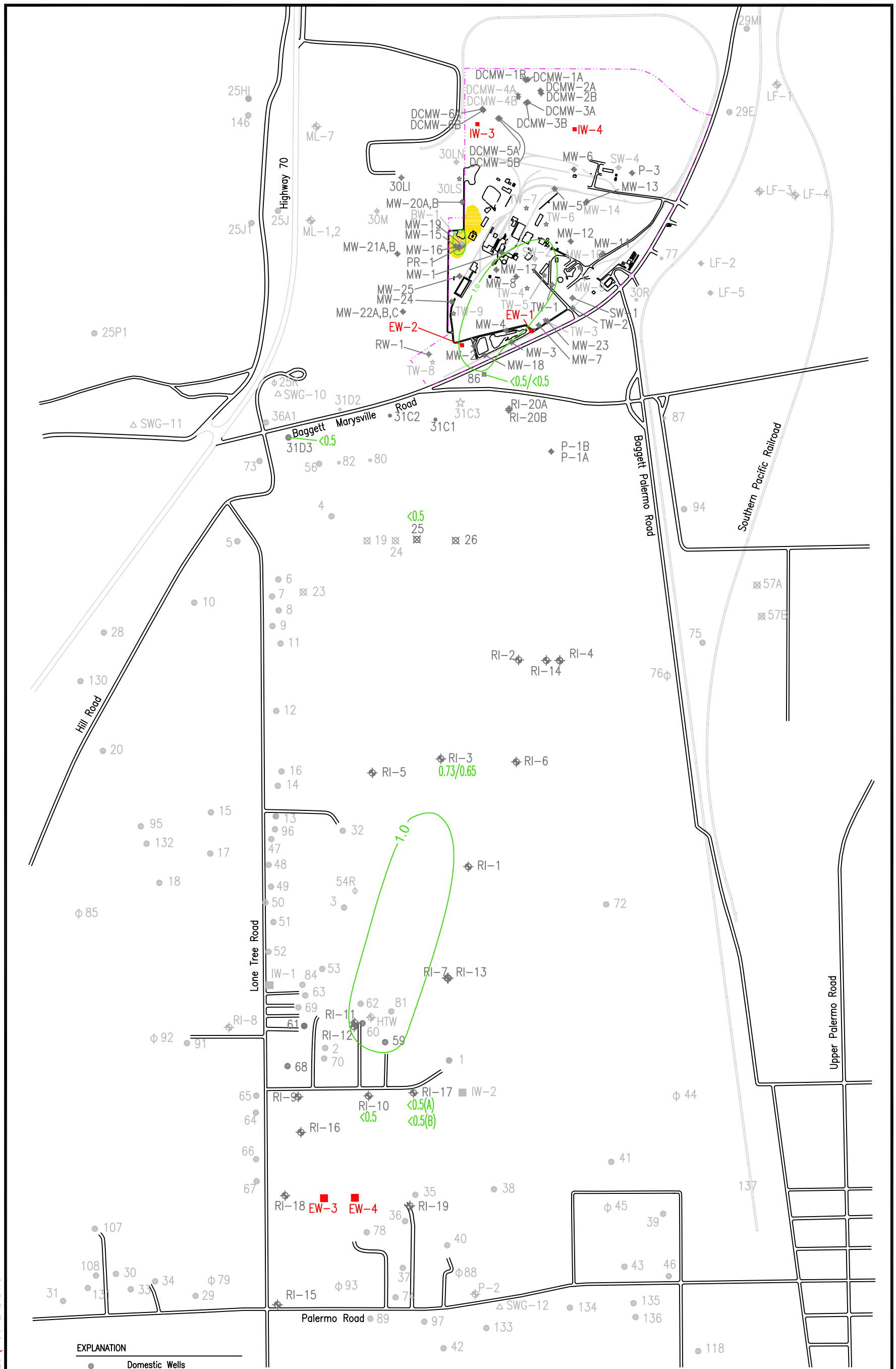
Off-Property
Pentachlorophenol Concentrations
First Quarter Monitoring 2008

DATE:	3/10/2009
DESIGNED:	KM
CHECKED:	JA
APPROVED:	
DRAWN:	WFS
PROJ.:	2201.135

GeoTrans, Inc.

Figure 4A

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE4A.DWG



EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed Wells
- Extraction and Injection Wells
- Property Boundary
- 1.0 — Pentachlorophenol Concentration (µg/L) in Groundwater June 2008
- <0.5 — Pentachlorophenol Concentration (µg/L) June 2008
- TI Zone

Scale: 1"=1200'
0 600' 1200'

Koppers Company, Inc.
Superfund Site

Off-Property
Pentachlorophenol Concentrations
Semi-annual Monitoring 2008

DATE:	3/11/09
DESIGNED:	KM
CHECKED:	JA
APPROVED:	
DRAWN:	WFS
PROJ.:	2201.135

GeoTrans, Inc.

Figure 4B

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE4B.DWG

FIGURE 5A, RI-2

PENTACHLOROPHENOL TREND

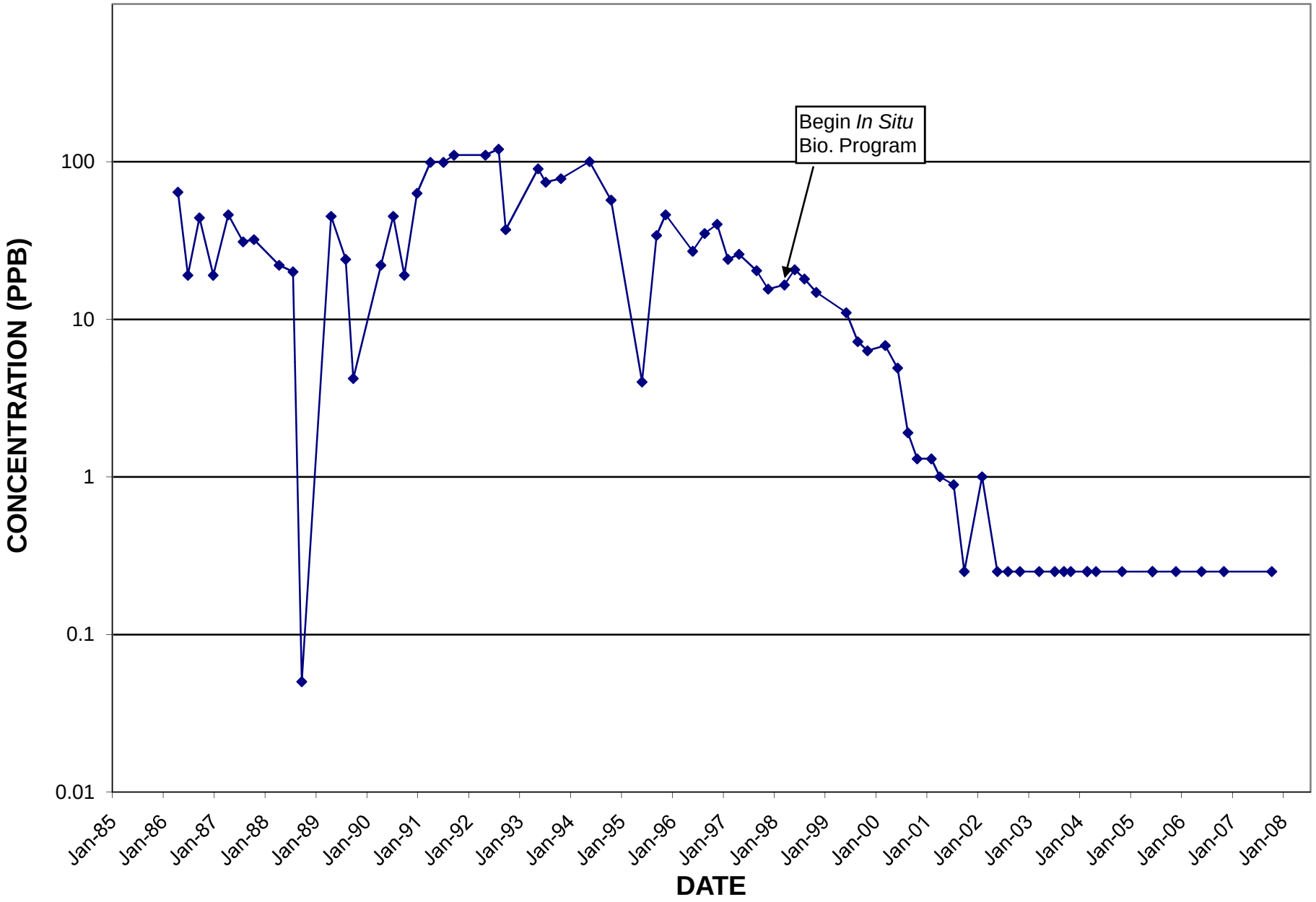


FIGURE 5B, RI-3

PENTACHLOROPHENOL TREND

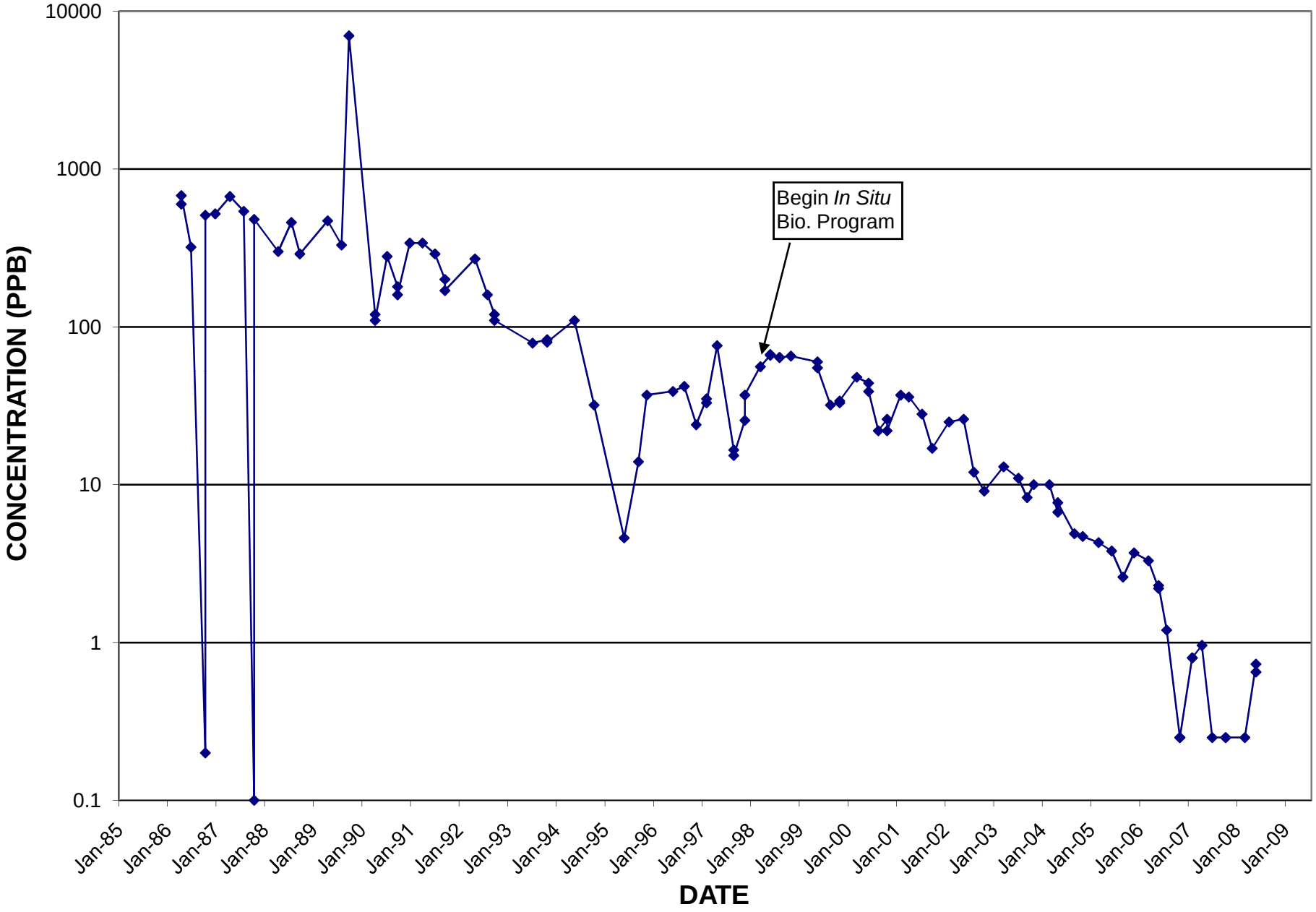
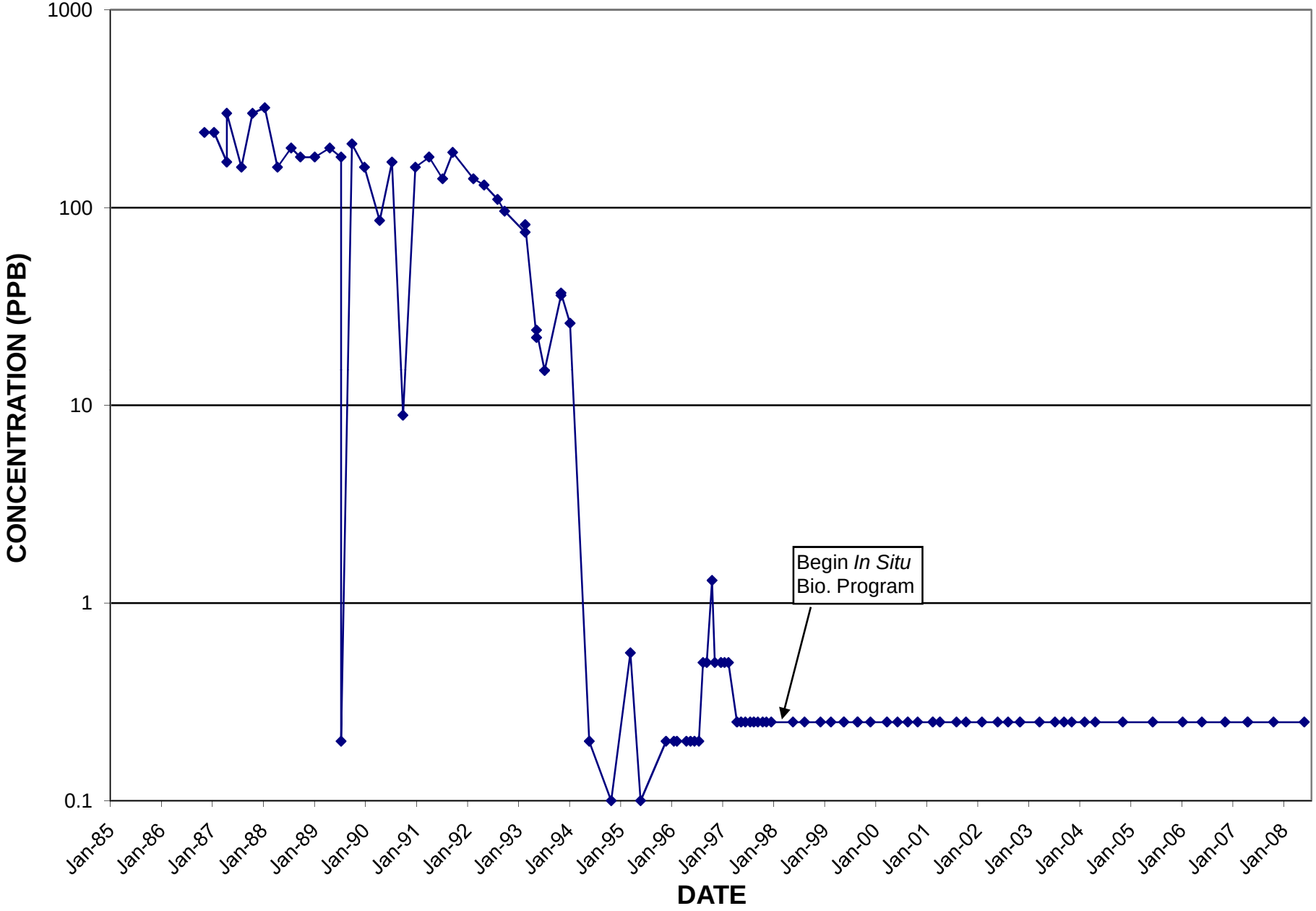
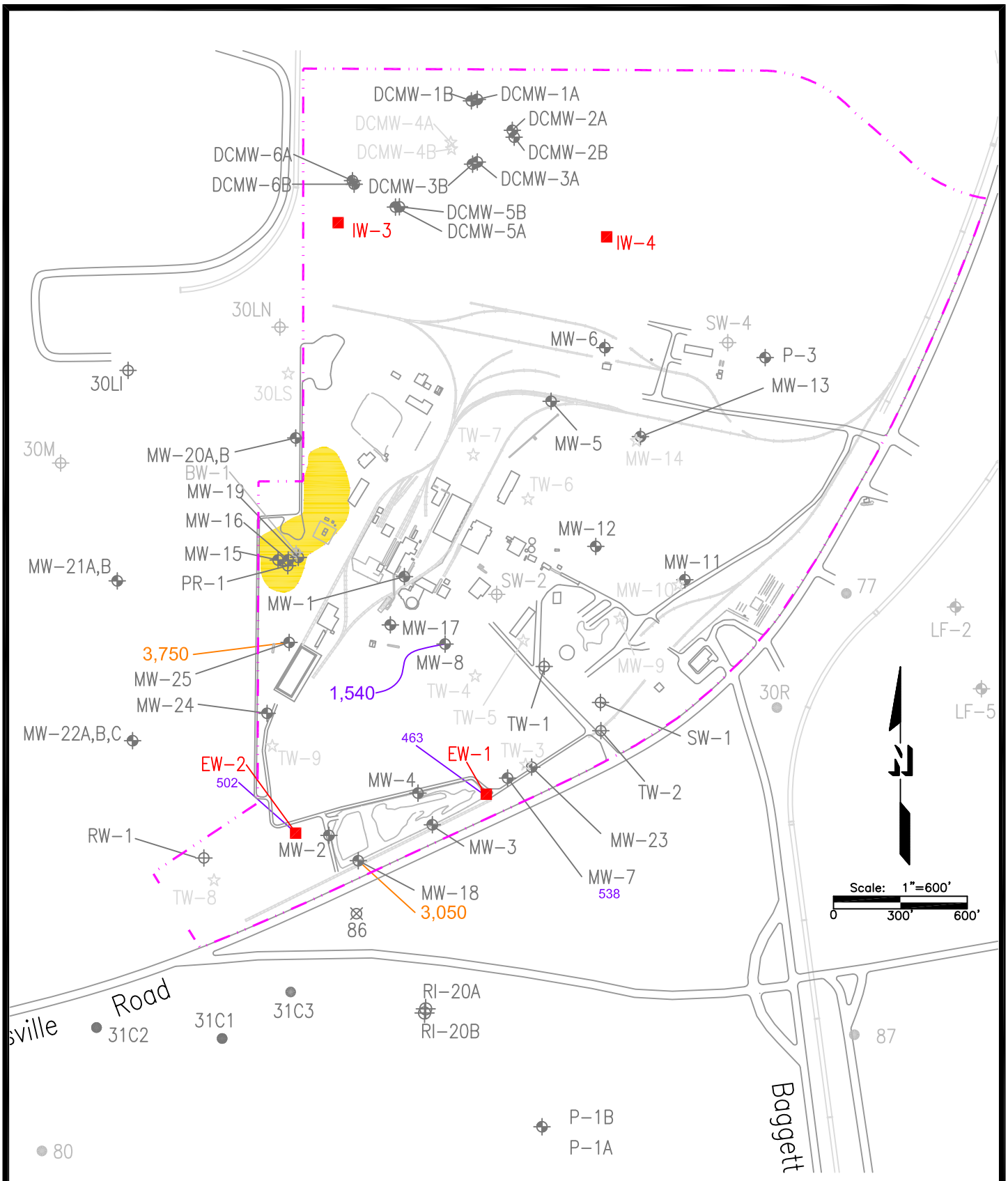


FIGURE 5C, RI-10

PENTACHLOROPHENOL TREND





EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed/Abandoned Wells
- TI Zone
- EW Extraction Wells
- IW Injection Wells
- Property Boundary
- 3,750 C-Zone Boron Concentration (µg/L), March 2008
- 1,540 B-Zone Boron Concentration (µg/L), March 2008

Note:
Concentrations exceeding the ROD standard posted in larger font.

Koppers Company, Inc.
Superfund Site

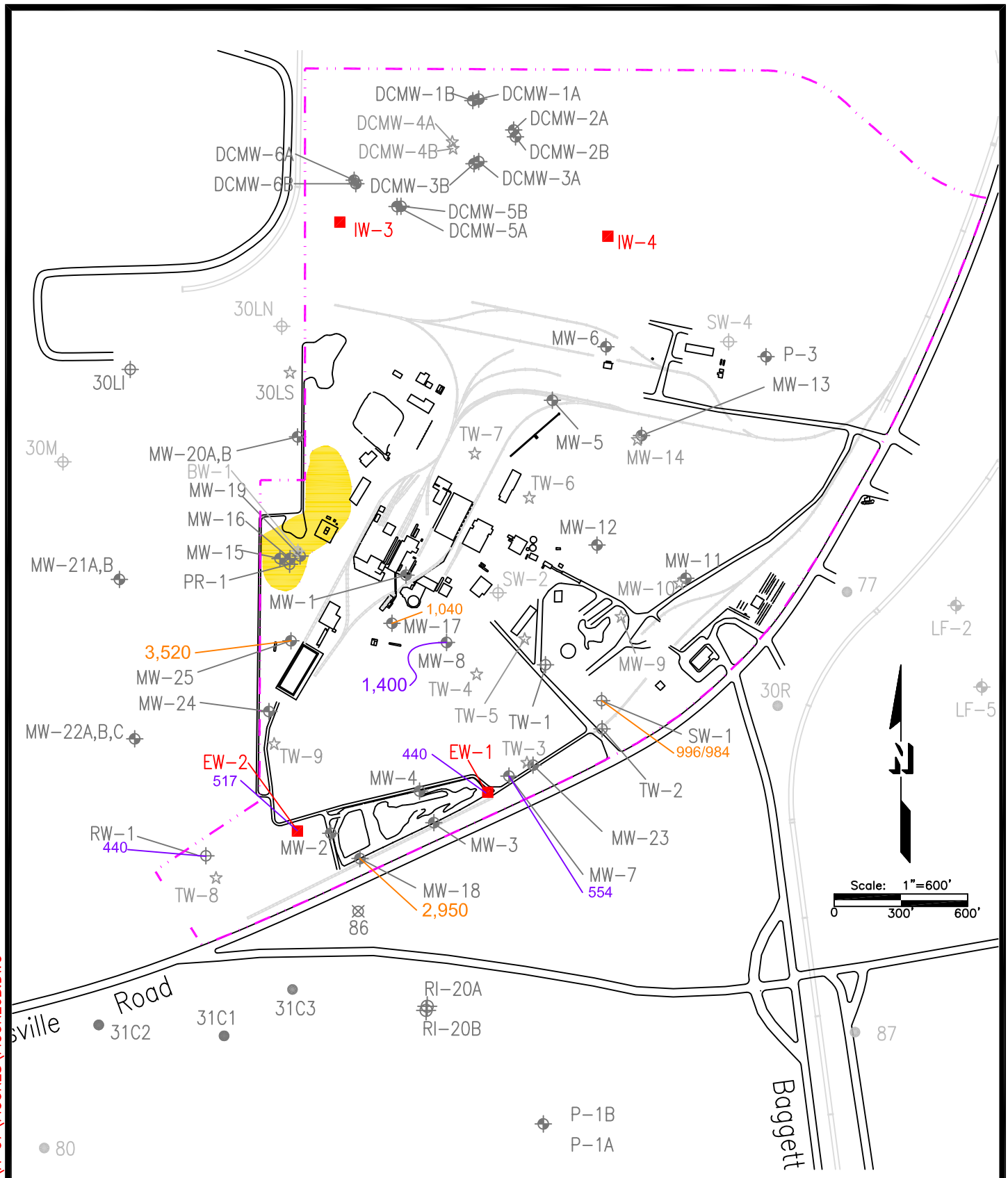
On-Property
Boron Concentrations
First Quarter Monitoring 2008

GeoTrans, Inc.

DATE:	3/11/2009
DESIGNED:	KM
CHECKED:	JA
APPROVED:	
DRAWN:	WFS
PROJ.:	2201.135

Figure 6A

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE6A.DWG



EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed/Abandoned Wells
- TI Zone
- EW Extraction Wells
- IW Injection Wells
- Property Boundary
- 3,520 C-Zone Boron Concentration (µg/L), June 2008
- 1,400 B-Zone Boron Concentration (µg/L), June 2008
- 996/984 Sample Result and Duplicate Result, Respectively

Note:
Concentrations exceeding the ROD standard posted in larger font.

Koppers Company, Inc.
Superfund Site

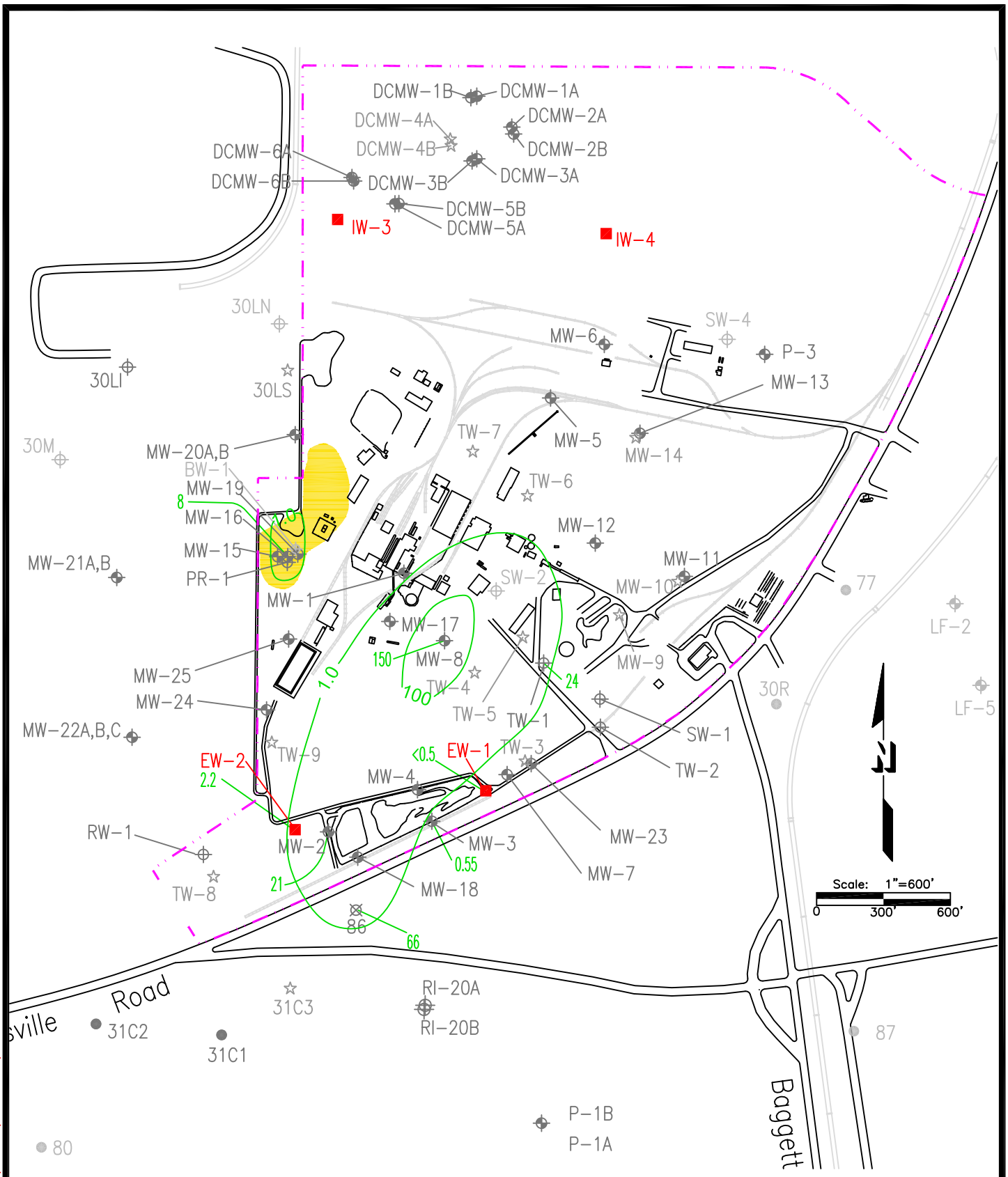
On-Property
Boron Concentrations
Semi-annual Monitoring 2008

GeoTrans, Inc.

DATE:	3/11/2009
DESIGNED:	KM
CHECKED:	JA
APPROVED:	
DRAWN:	WFS
PROJ.:	2201.135

Figure 6B

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE6B.DWG



EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed/Abandoned Wells
- EW Extraction Wells
- IW Injection Wells

Property Boundary

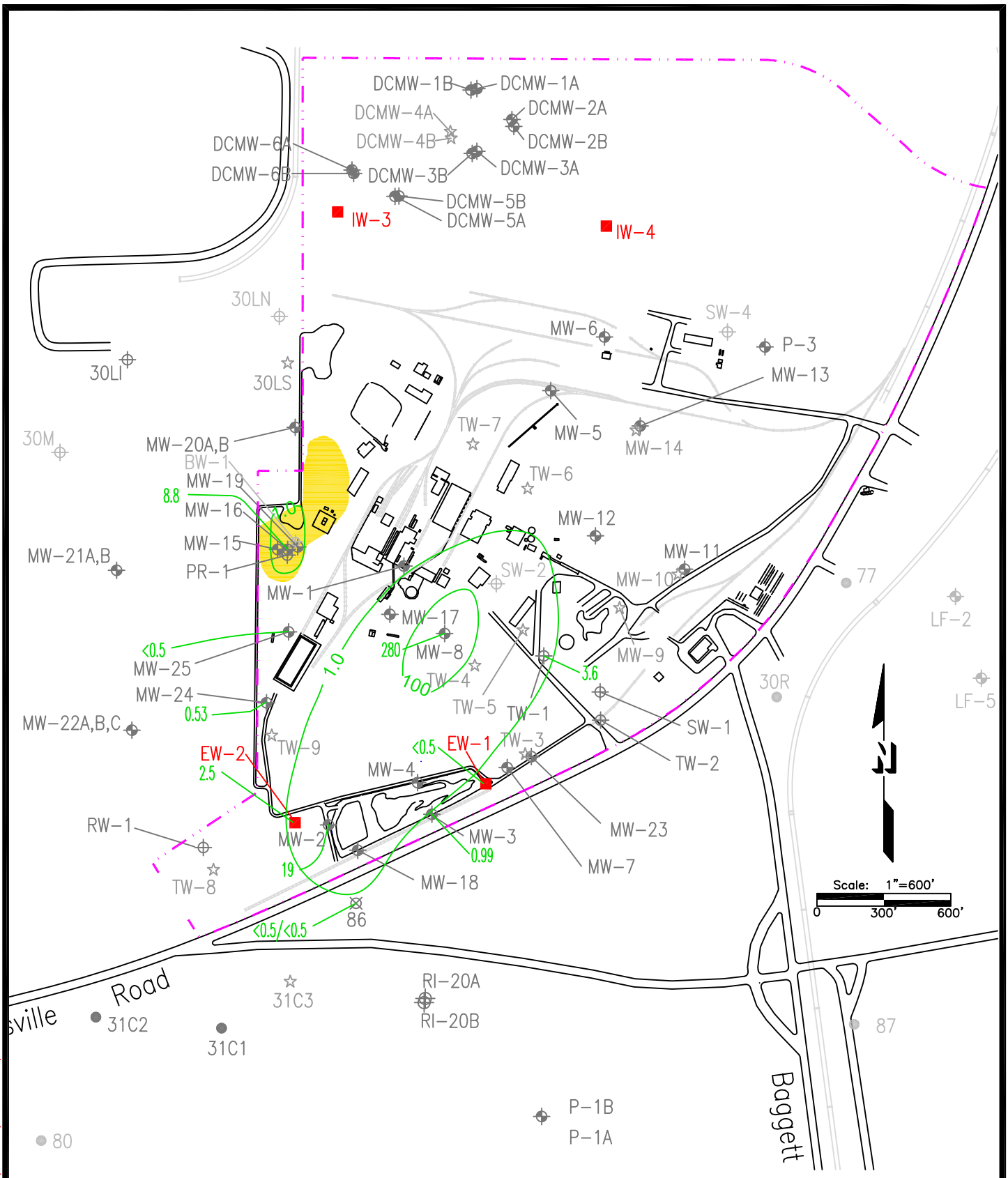
1.0 Pentachlorophenol Concentration in Groundwater March 2008

<0.5 Pentachlorophenol Concentration (µg/L), March 2008

TI Zone

Koppers Company, Inc. Superfund Site	DATE: 3/9/2009
	DESIGNED: KM
On-Property Pentachlorophenol Concentrations First Quarter Monitoring 2008	CHECKED: JA
	APPROVED:
	DRAWN: WFS
	PROJ.: 2201.135
GeoTrans, Inc.	Figure 7A

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE8A.DWG



EXPLANATION

- Domestic Wells
- Industrial Wells
- Irrigation and Stock Wells
- Unused Wells
- Monitoring, Test and Remedial Investigation Wells
- Surface Water Gauge
- Destroyed/Abandoned Wells
- EW Extraction Wells
- IW Injection Wells
- Property Boundary
- 1.0 Pentachlorophenol Concentration in Groundwater June 2008
- <0.5 Pentachlorophenol Concentration (µg/L) June 2008
- <0.5/<0.5 Sample Result and Duplicate Result, Respectively
- TI Zone

Koppers Company, Inc.
Superfund Site

On-Property
Pentachlorophenol Concentrations
Semiannual Monitoring 2008

GeoTrans, Inc.

DATE:	3/9/2009
DESIGNED:	KM
CHECKED:	JAA
APPROVED:	
DRAWN:	WFS
PROJ.:	2201.135

Figure 7B

P:\PROJECTS\BEAZER\2201.135\A-07\FIGURES\FIGURE8B.DWG

FIGURE 8A, MW-2

PENTACHLOROPHENOL TREND

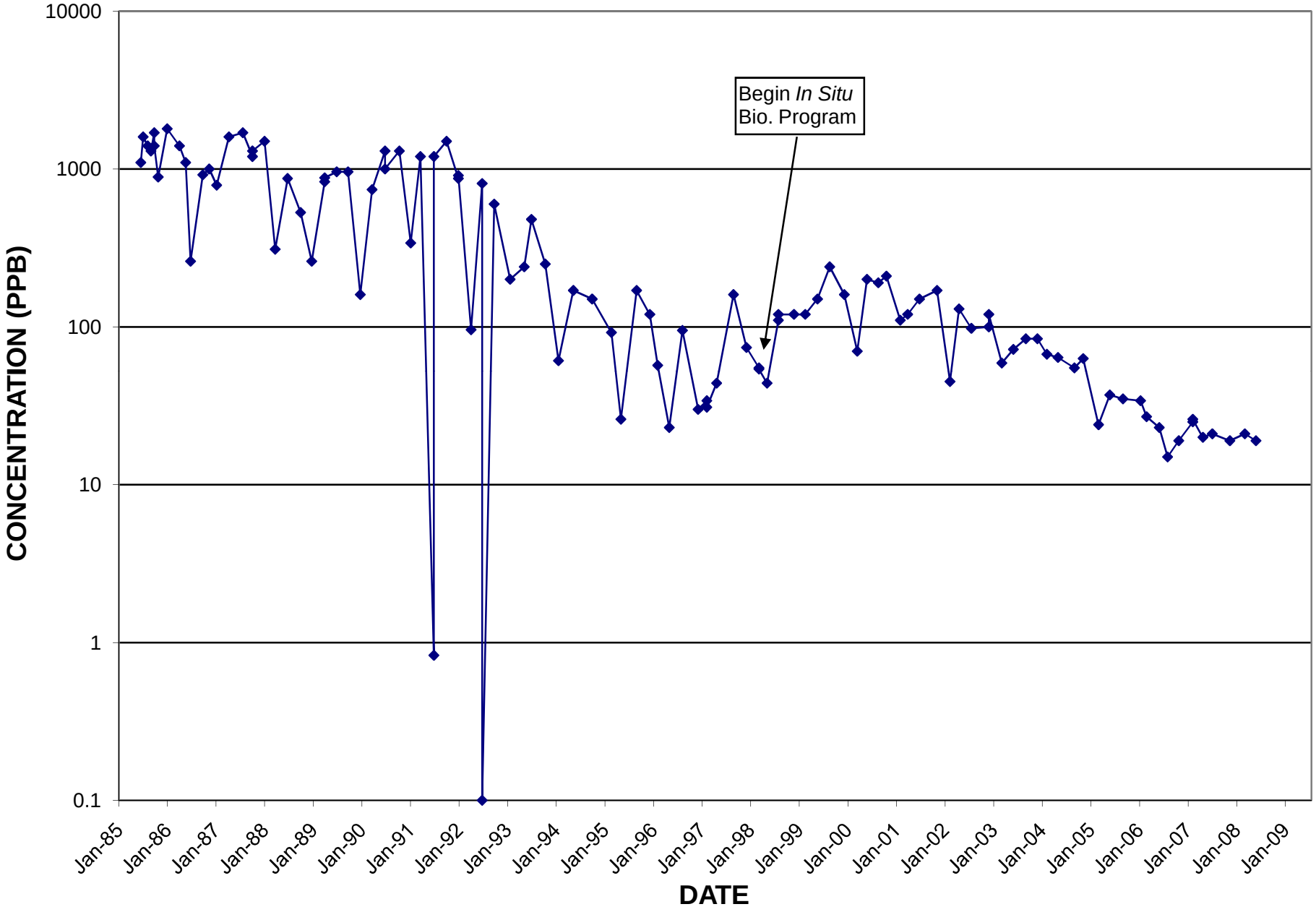


FIGURE 8B, MW-3

PENTACHLOROPHENOL TREND

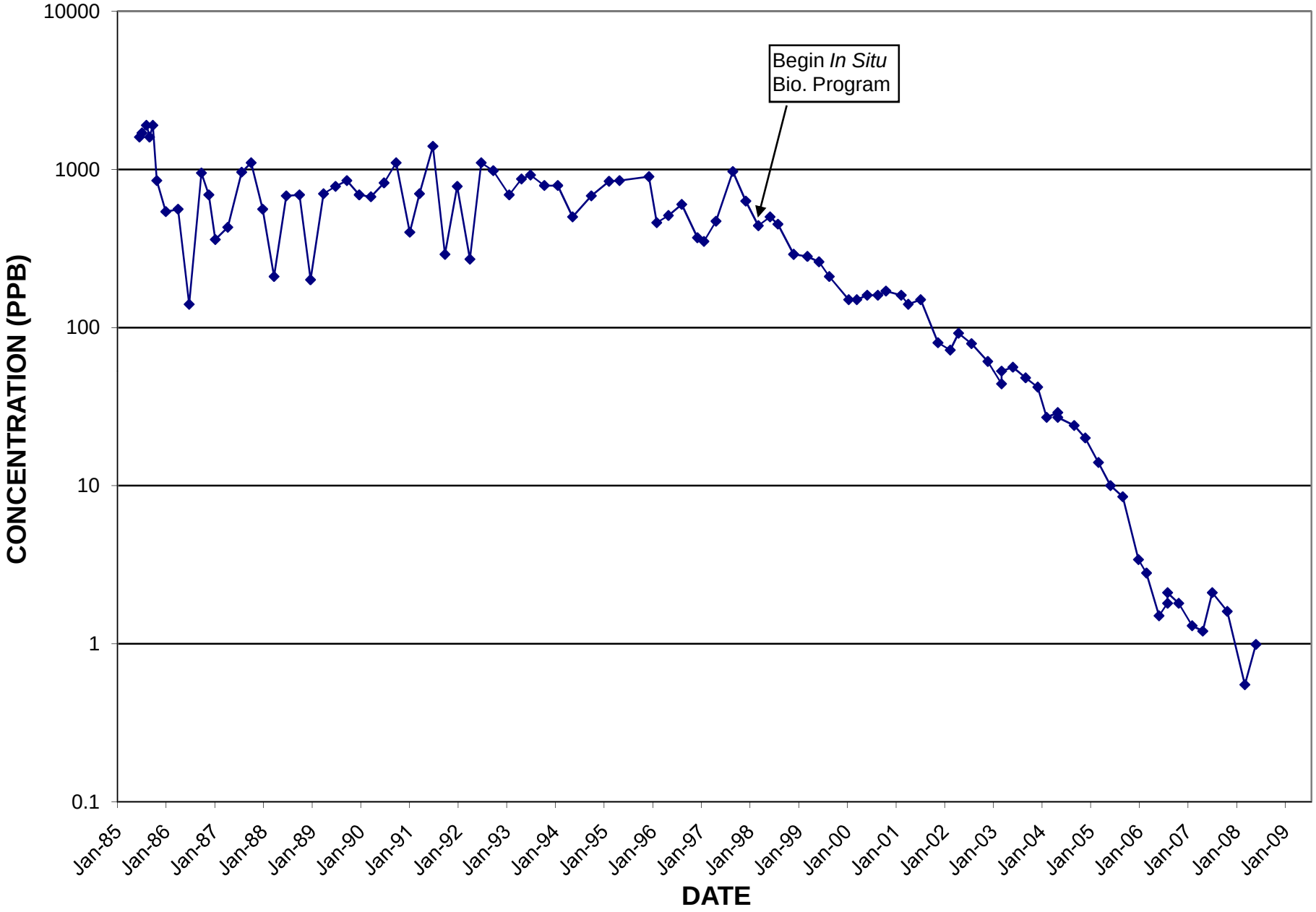


FIGURE 8C, MW-5

PENTACHLOROPHENOL TREND

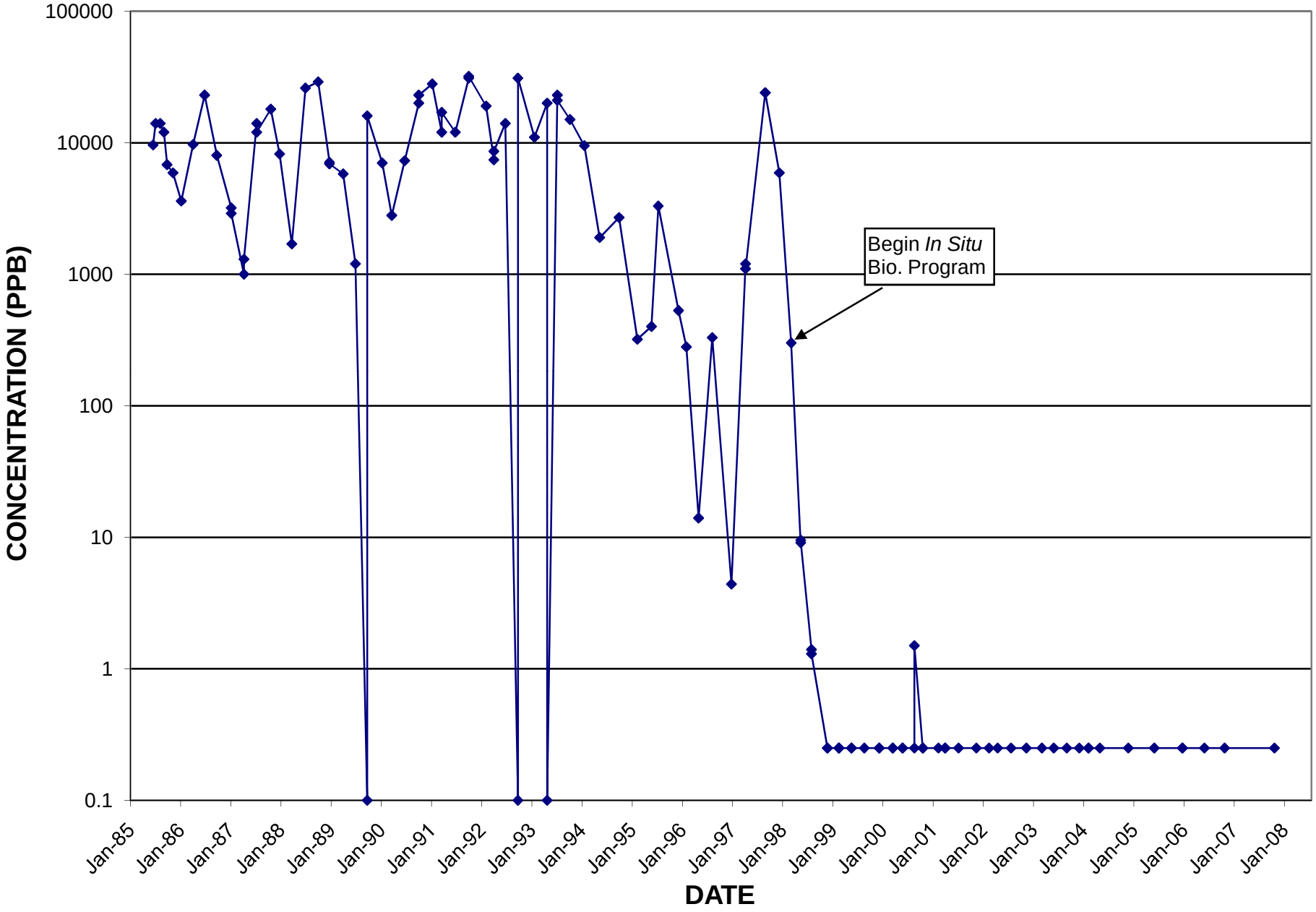


FIGURE 8D, MW-7

PENTACHLOROPHENOL TREND

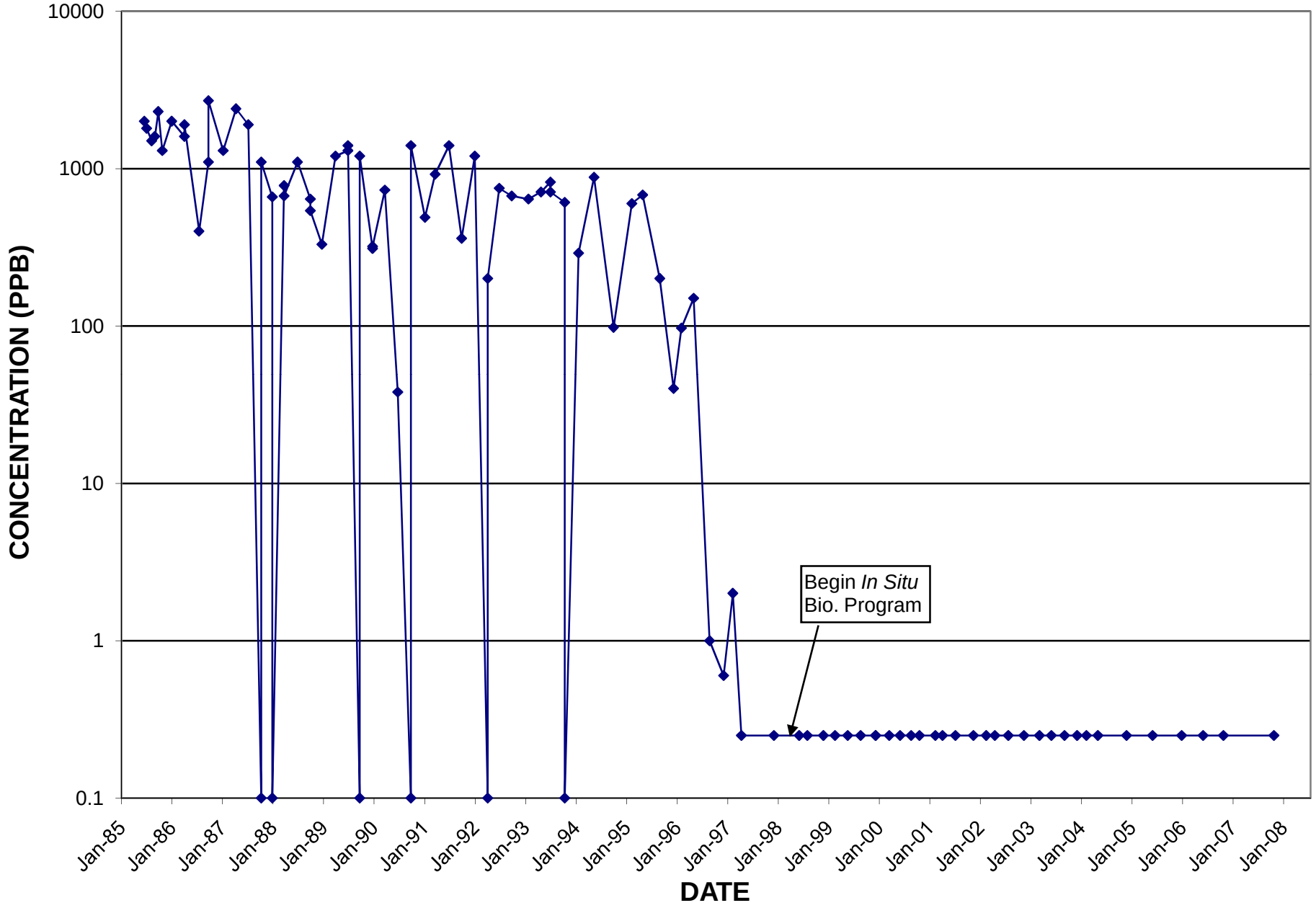


FIGURE 8E, MW-8

PENTACHLOROPHENOL TREND

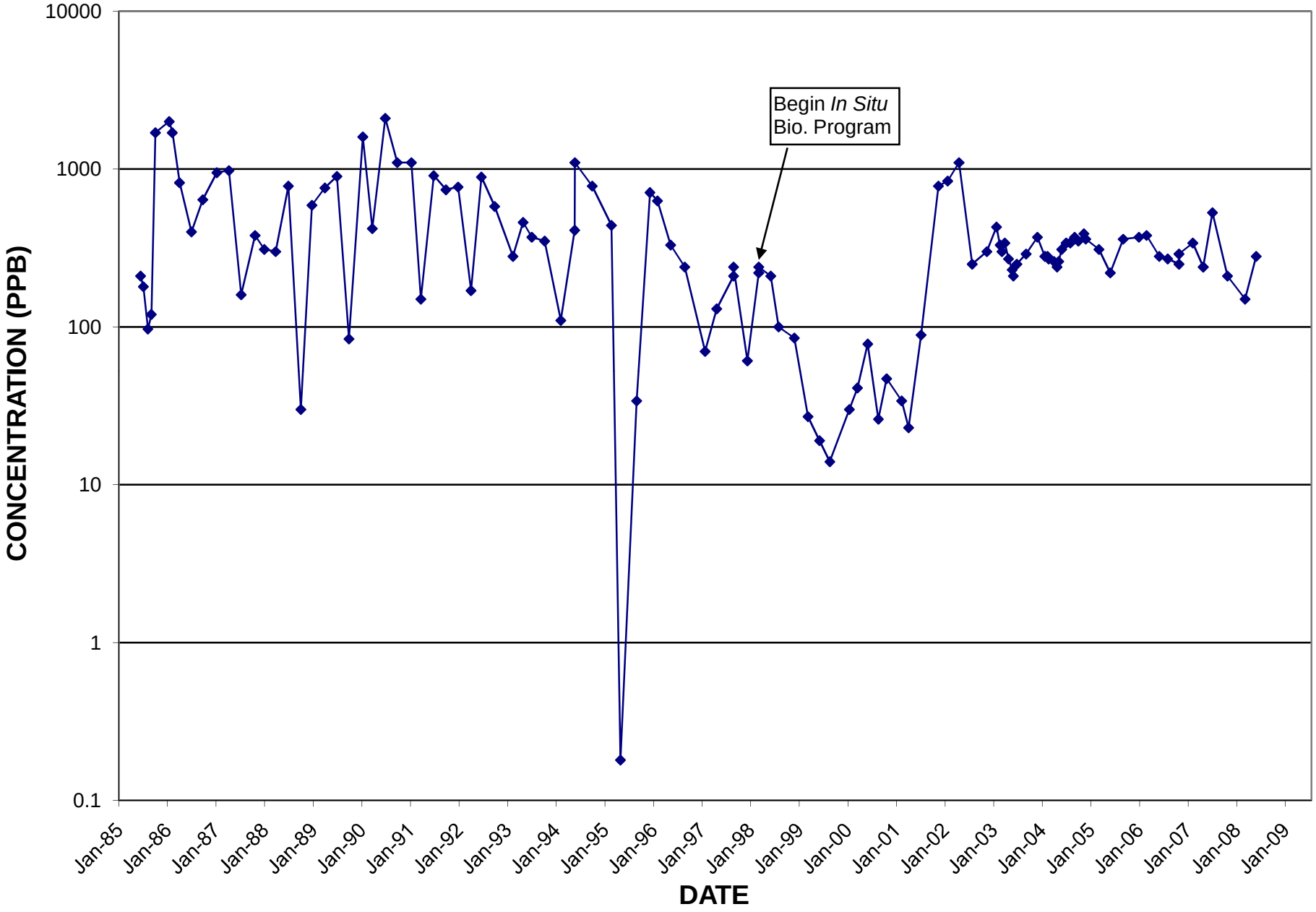


FIGURE 8F, MW-16

PENTACHLOROPHENOL TREND

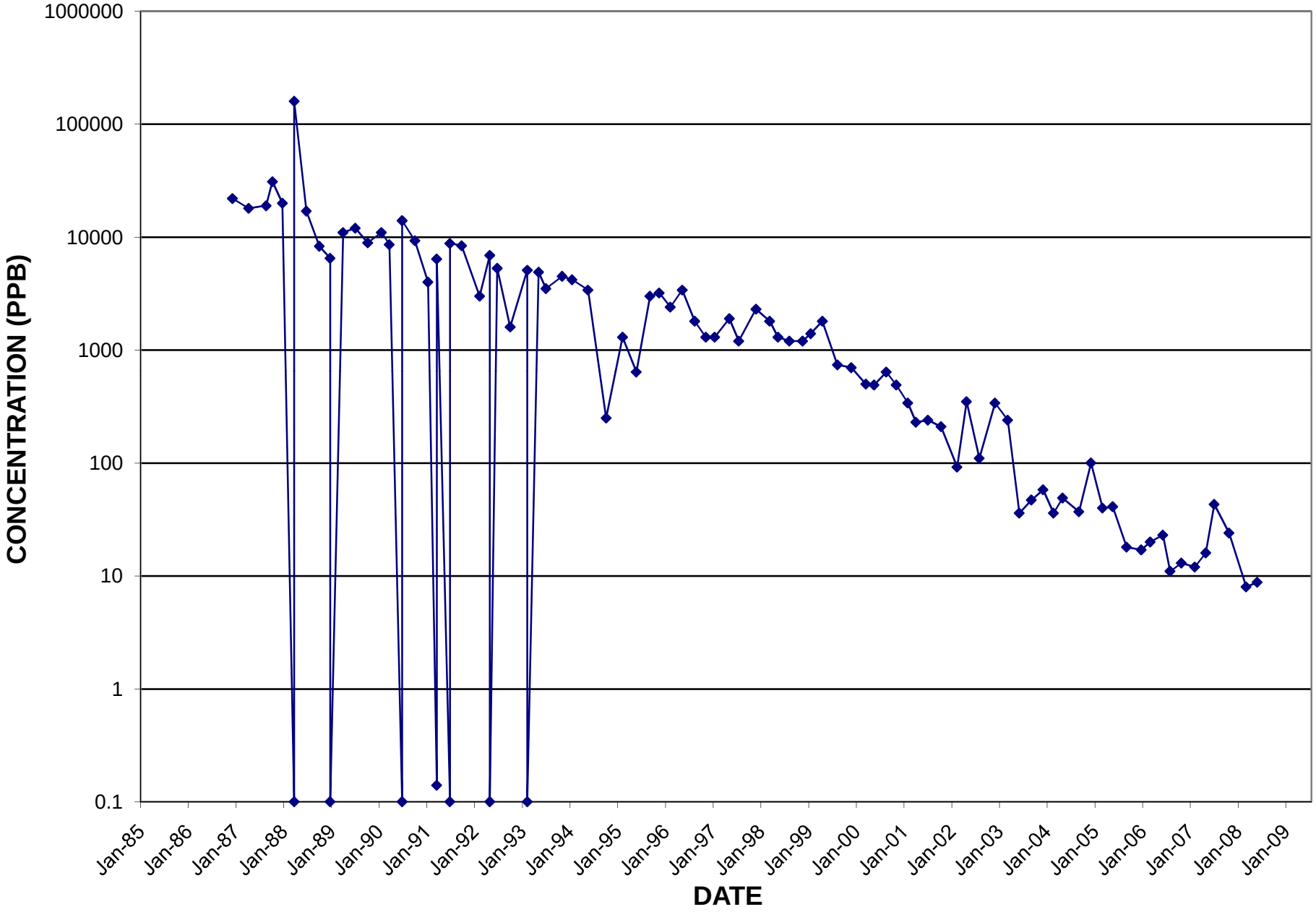


FIGURE 8G, TW-1

PENTACHLOROPHENOL TREND

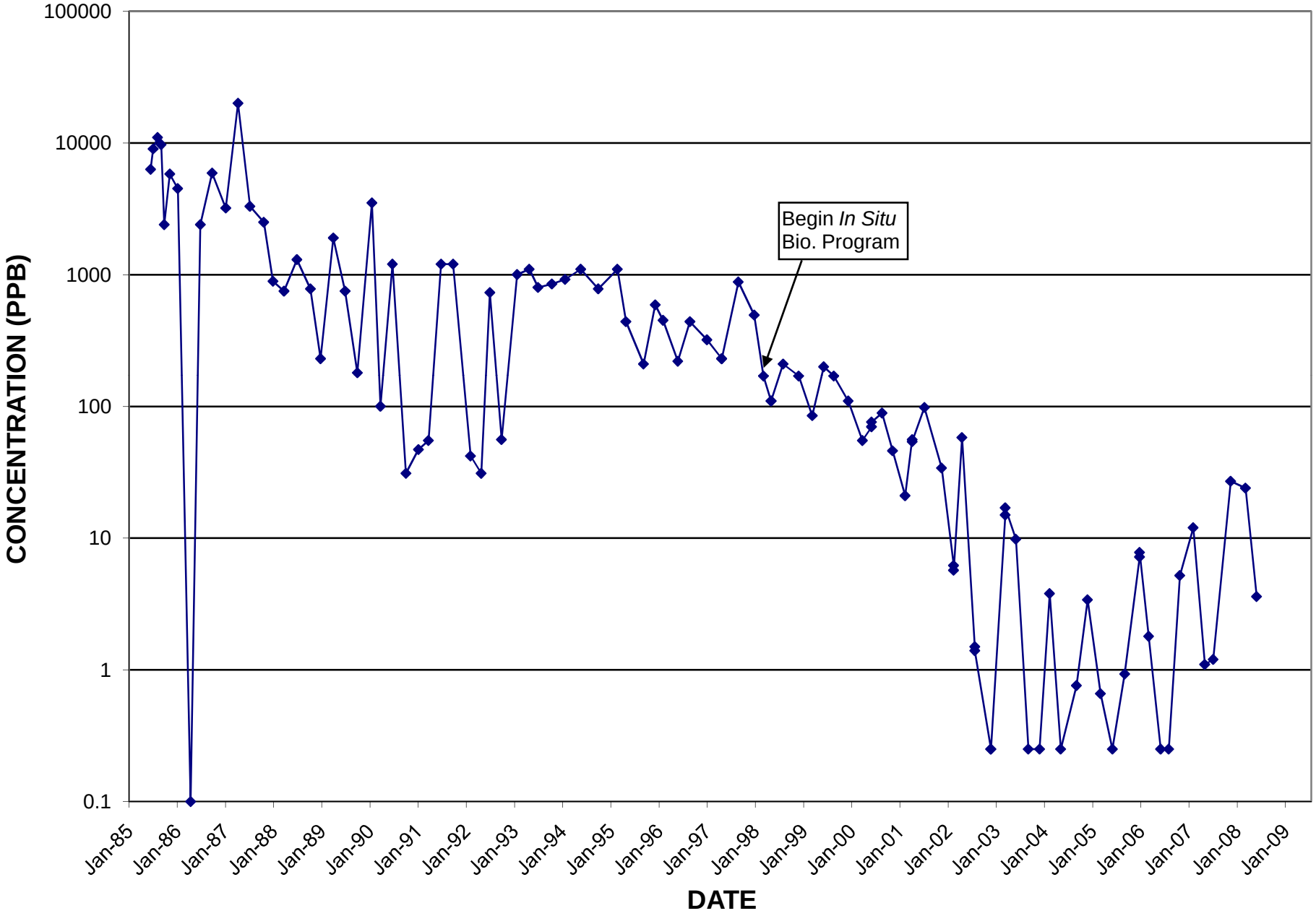
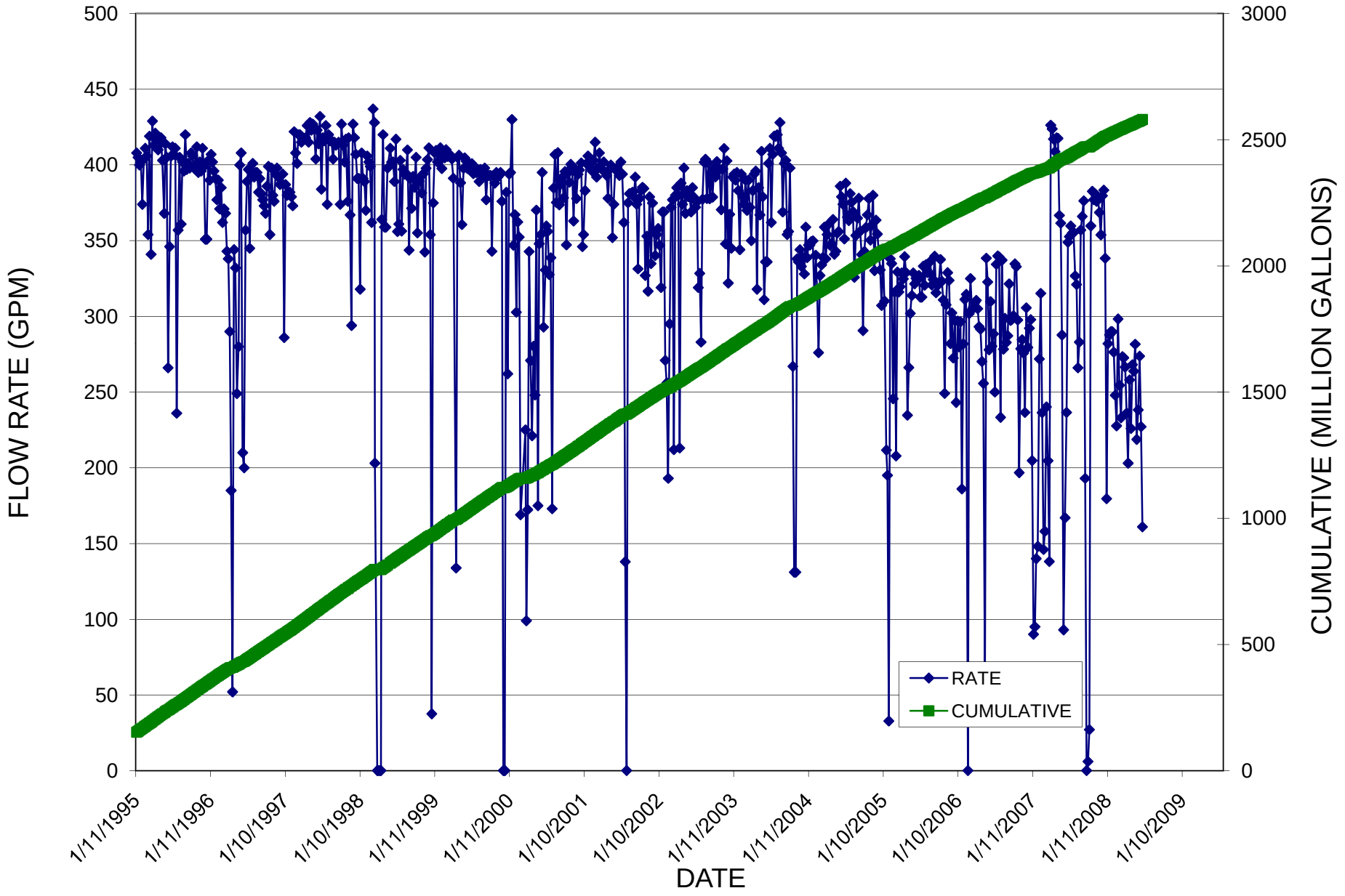


FIGURE 9.

ON-PROPERTY TREATMENT PLANT