

**GE Pittsfield/Housatonic River Project
EPA Allendale School PCB Air Sample Results**

Collection Date	Total PCB Concentration (ug/m ³) Allen 1	Total PCB Concentration (ug/m ³) Allen 1 Co-location	Total PCB Concentration (ug/m ³) Allen 2	Tier II Data Validation Completed Yes/No
Dec 06-07, 2005	Non Detect (<0.0003) ¹	0.0004 ¹	Non Detect (<0.0003) ¹	Yes
Dec 15-16, 2005	0.0006 ²	0.0007J ²	0.0009 ²	Yes
Dec 20-21, 2005	Non Detect (<0.0004) ²	Non Detect (<0.0004) ²	Non Detect (<0.0004) ²	Yes
Jan 10-11, 2006	Non Detect (<0.0003) ²	0.0003 ²	0.0003 ²	Yes
Jan 24-25, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Feb 07-08, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Feb 21-22, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Mar 07-08, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Mar 23-24, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Apr 06-07, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Apr 18-19, 2006	Non Detect (<0.0004) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Apr 25-26, 2006	Non Detect (<0.0004) ²	No Sample ³	Non Detect (<0.0004) ²	Yes
Apr 27-28, 2006	0.0005 ²	0.0007 ²	0.0005 ²	Yes
May 02-03, 2006	Non Detect (<0.0004) ²	Non Detect (<0.0004) ²	Non Detect (<0.0004) ²	Yes
May 04-05, 2006	Non Detect (<0.0004) ²	Non Detect (<0.0004) ²	Non Detect (<0.0004) ²	Yes
May 09-10, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
May 11-12, 2006	0.0004 ²	Non Detect (<0.0003) ²	0.0006 ²	Yes
May 16-17, 2006	No Sample ⁴	No Sample ⁴	0.0005 ²	Yes
May 18-19, 2006	0.0014 ²	0.0008 ²	0.0012 ²	Yes
May 23-24, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
May 25-26, 2006	0.0009J ²	0.0007 ²	0.0008 ²	Yes
May 31-Jun 01, 2006	0.0023 ²	0.0019 ²	0.0020 ²	Yes
Jun 01-02, 2006	0.0009 ²	0.0008 ²	0.0008 ²	Yes
Jun 06-07, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	0.0004J ²	Yes
Jun 12-13, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Jun 13-14, 2006	0.0004J ²	0.0006J ²	0.0007 ²	Yes
Jun 20-21, 2006	0.0027J ²	0.0024 ²	0.0023J ²	Yes
Jun 22-23, 2006	0.0037 ²	0.0037 ²	0.0037 ²	Yes
Jun 27-28, 2006	0.0010 ²	0.0009 ²	No Sample ³	Yes
Jun 29-30, 2006	0.0020 ²	0.0023J ²	0.0025J ²	Yes
Jul 06-07, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	Yes
Jul 11-12, 2006	0.0008 ²	0.0009 ²	0.0009 ²	Yes
Jul 13-14, 2006	0.0011 ²	0.0010 ²	0.0012 ²	Yes
Jul 18-19, 2006	0.0007 ²	0.0006 ²	0.0008 ²	Yes
Jul 20-21, 2006	0.0032 ²	0.0040 ²	0.0031 ²	Yes
Jul 24-25, 2006	0.0022 ²	0.0036 ²	0.0021 ²	Yes
Jul 31-Aug 01, 2006	0.0046 ²	0.0050 ²	0.0059 ²	Yes
Aug 03-04, 2006	0.0027 ²	0.0029 ²	0.0028 ²	Yes
Aug 08-09, 2006	0.0011 ²	0.0009 ²	0.0011 ²	Yes
Aug 10-11, 2006	0.0020 ²	0.0019 ²	0.0018 ²	Yes
Aug 14-15, 2006	0.0025 ^{2,5}	0.0022 ^{2,5}	0.0028 ^{2,5}	Yes
Aug 21-22, 2006	Non Detect (<0.0003) ²	Non Detect (<0.0003) ²	0.0011 ²	Yes
Aug 29-30, 2006	Non Detect (<0.0003) ^{2,5}	Non Detect (<0.0003) ^{2,5}	Non Detect (<0.0003) ^{2,5}	Yes

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Aug 31-Sep 01, 2006	0.0012 J ^{2,5}	Non Detect (<0.0003) ^{2,5}	0.0012 J ^{2,5}	Yes
Sep 05-06, 2006	0.0010 ²	0.0011 ²	0.0011 ²	Yes
Sep 07-08, 2006	0.0015 ²	0.0018 ²	0.0017 ²	Yes
Sep 12-13, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	0.0003 ²	Yes
Sep 14-15, 2006	0.0004 ²	0.0004 ²	0.0005 ²	Yes
Sep 19-20, 2006	0.0007 ²	0.0008 ²	0.0008 ²	Yes
Sep 21-22, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	0.0004 ²	Yes
Sep 26-27, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Sep 28-29, 2006	0.0010 ²	0.0010 ²	0.0007 ²	Yes
Oct 03-04, 2006	0.0010 ²	0.0005 ²	0.0011 ²	Yes
Oct 05-06, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Oct 10-11, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Oct 12-13, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	No Sample ⁴	Yes
Oct 17-18, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Oct 26-27, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Nov 01-02, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Nov 09-10, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Dec 12-13, 2006	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Non Detect (<0.0005) ²	Yes
Notification Level (ug/m ³)	0.05000	0.05000	0.05000	
Revised Action Level (ug/m ³)	0.05000	0.05000	0.05000	
Original Action Level (ug/m ³)	0.10000	0.10000	0.10000	

Notes:

- ¹ - Sample analyzed by SGS (Detection Limit = 0.1 ug per sample media)
- ² - Sample analyzed by STL (Detection Limit ranges between 0.10 - 0.17 ug per sample media depending on the specific Aroclor)
- ³ - No Sample due to laboratory error
- ⁴ - No Sample due to technical problem with sampling equipment
- ⁵ - Tier III data validation was performed by EPA
- J - Sample result is estimated based on data validation

To calculate an individual sample Detection Limit in ug/m³, divide the Detection Limit per sample media (ug) by the total volume of air that passed through the sample media (m³) during the 24-hour sample period. The typical volume of air for these samples is about 340 m³, so 0.1 - 0.17 ug divided by 340 m³ results is a typical sample Detection Limit of 0.0003 - 0.0005 ug/m³ or 0.3 - 0.5 ng/m³.

Updated 2/19/2007