

GE Pittsfield/Housatonic River Project
Comparison of 2009 EPA and GE OPCA Replicate PCB Air Sample Results

Collection Date	Location	EPA's Total PCB Concentration (ug/m ³)	EPA Data Validation	GE's Total PCB Concentration (ug/m ³)	GE Data Validation
Jan 21-22, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	Non Detect (<0.0003) ²	Tier II
Feb 17-18, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	Non Detect (<0.0003) ²	Tier II
Mar 17-18, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	Non Detect (<0.0003) ²	Tier II
Apr 23-24, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	Non Detect (<0.0003) ²	Tier II
Apr 28-29, 2009	Northwest of OPCAs	0.0006 J ¹	Tier II	0.0016 J ^{2,3}	Tier II
May 5-6, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	Non Detect (<0.0003) ²	Tier II
May 12-13, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	0.0004 J ^{2,3}	Tier II
Jun 16-17, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	0.0004 J ^{2,3,4}	Tier II
Jul 7-8, 2009	Northwest of OPCAs	0.0005 ¹	Tier II	0.0015 ²	Tier II
Jul 14-15, 2009	Northwest of OPCAs	NA ⁵	Tier II	Non Detect (<0.0003) ²	Tier II
July 22-23, 2009	Northwest of OPCAs	0.0004 ¹	Tier II	0.0008 ²	Tier II
Jul 30-31, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	0.0007 J ^{2,3,4}	Tier II
Aug 4-5, 2009	Northwest of OPCAs	0.0009 ¹	Tier II	0.0013 J ^{2,3}	Tier II
Aug 12-13, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	0.0007 J ^{2,3}	Tier II
Aug 18-19, 2009	Northwest of OPCAs	0.0011 ¹	Tier II	0.0024 J ^{2,3}	Tier II
Aug 26-27, 2009	Northwest of OPCAs	0.0004 ¹	Tier II	0.0009 J ^{2,3}	Tier II
Sept 1-2, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	0.0003 J ^{2,3}	Tier II
Sept 9-10, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	0.0004 J ^{2,3}	Tier II
Sept 15-16, 2009	Northwest of OPCAs	Non Detect (<0.0003) ¹	Tier II	0.0003 J ^{2,3}	Tier II
Sept 22-23, 2009	Northwest of OPCAs	0.0004 ¹	Tier II	0.0008 J ^{2,3}	Tier II
Notification Level (ug/m ³)		0.0500		0.0500	
Revised Action Level (ug/m ³)		0.0500		0.0500	
Original Action Level (ug/m ³)		0.1000		0.1000	

Notes:

- ¹ - Sample analyzed by Test America (formerly known as STL). The Detection Limit is 0.1 micrograms (ug) per sample medium for all Aroclors and a corresponding volume-weighted Detection Limit of 0.0003 ug per cubic meter (m³).
- ² - Sample analyzed by NEA (Detection Limit = 0.1 ug per sample medium and 0.0003 ug/m³).
- ³ - Sampling data were qualified as estimated ("J") because they did not match the Aroclor pattern established through analysis of the target Aroclor standard (which consisted of data for Aroclor 1248).
- ⁴ - Sample result qualified as estimated ("J") due to confirmation column analysis exhibiting a percent difference outside the control limits.
- J - Sample result is estimated based on data validation; refer to GE's 2009 PCB Air Sampling Results summary table for details for each sampling event (<http://www.epa.gov/region01/ge/thesite/opca-reports.html>).

Updated 10/30/2009