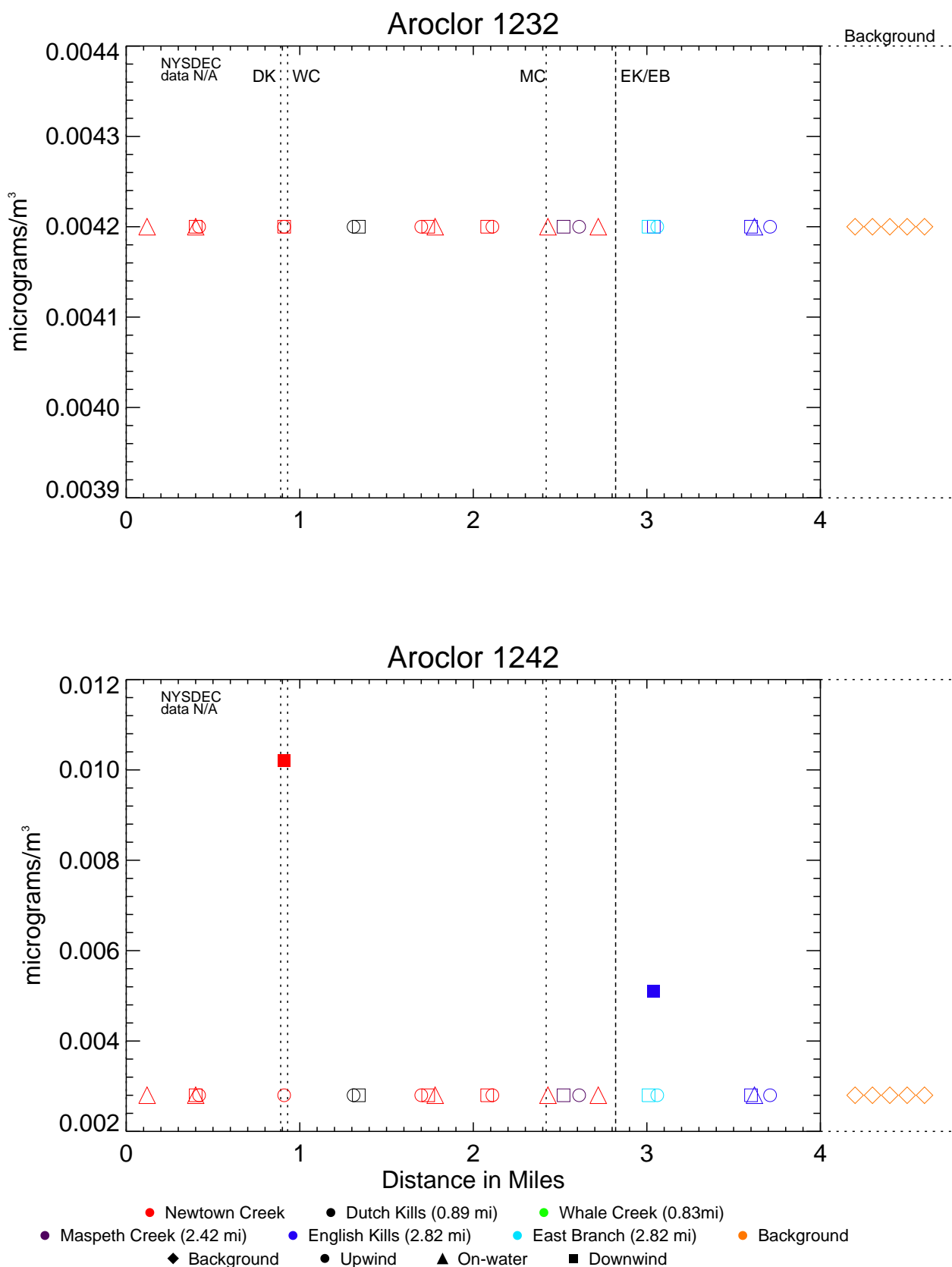


- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-1
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

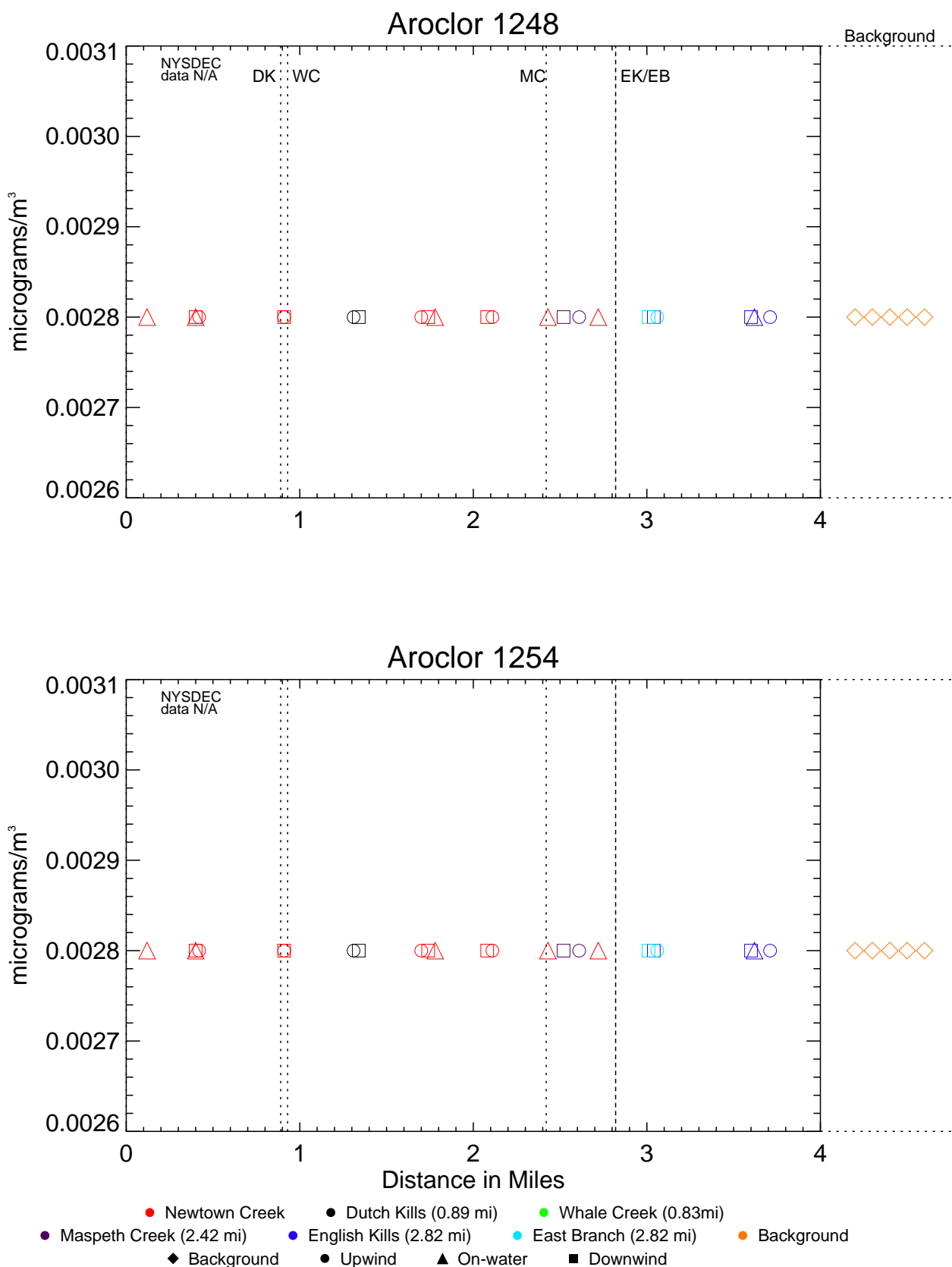
Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
Mile point 0 = confluence of Newtown Creek and East River.
Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-2
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

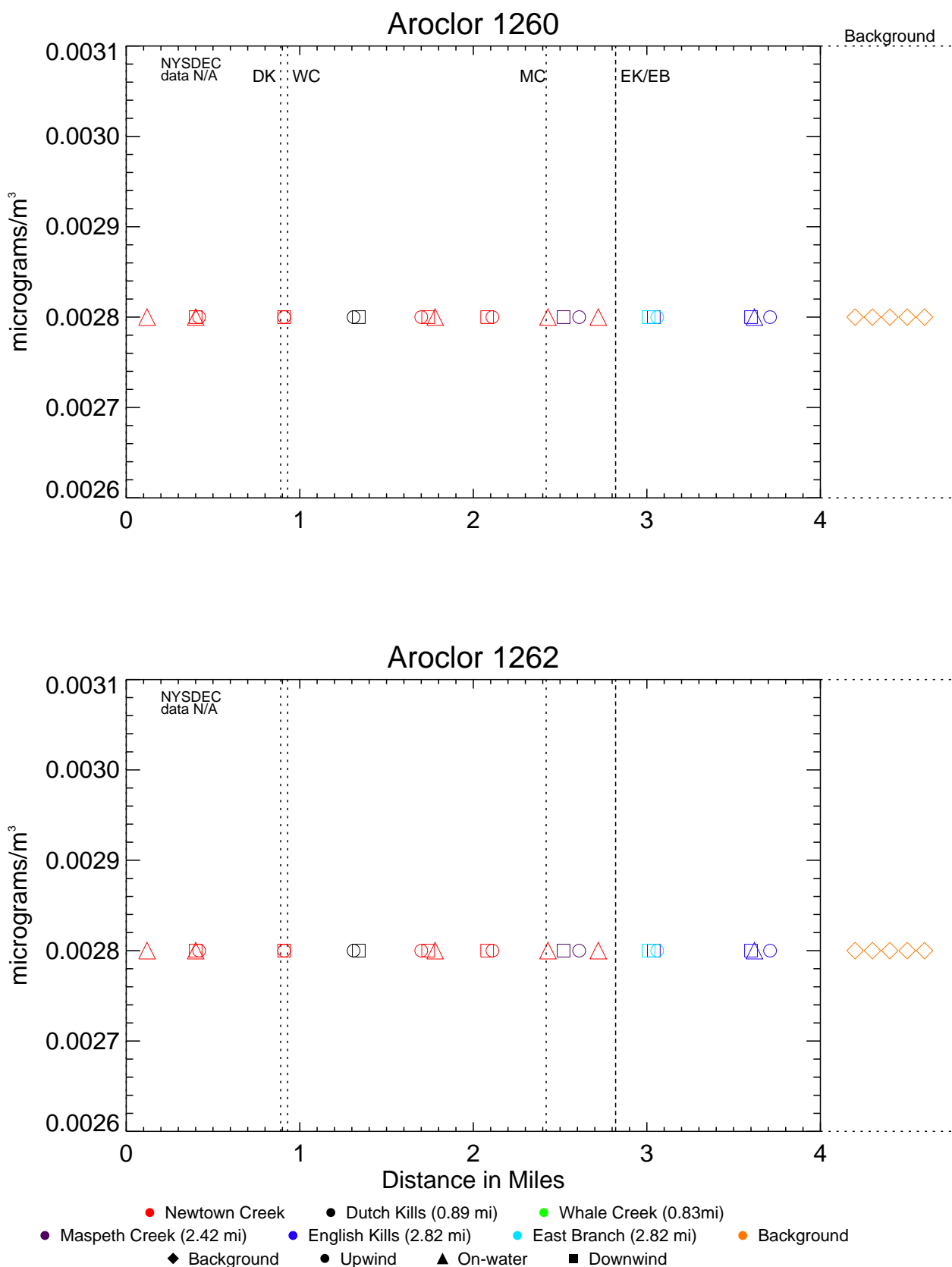
Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



--- NYSDEC Average: All Results
 --- NYSDEC Average: Only Non-zero Values
 --- NYSDEC 95th Percentile

Figure A5-3
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

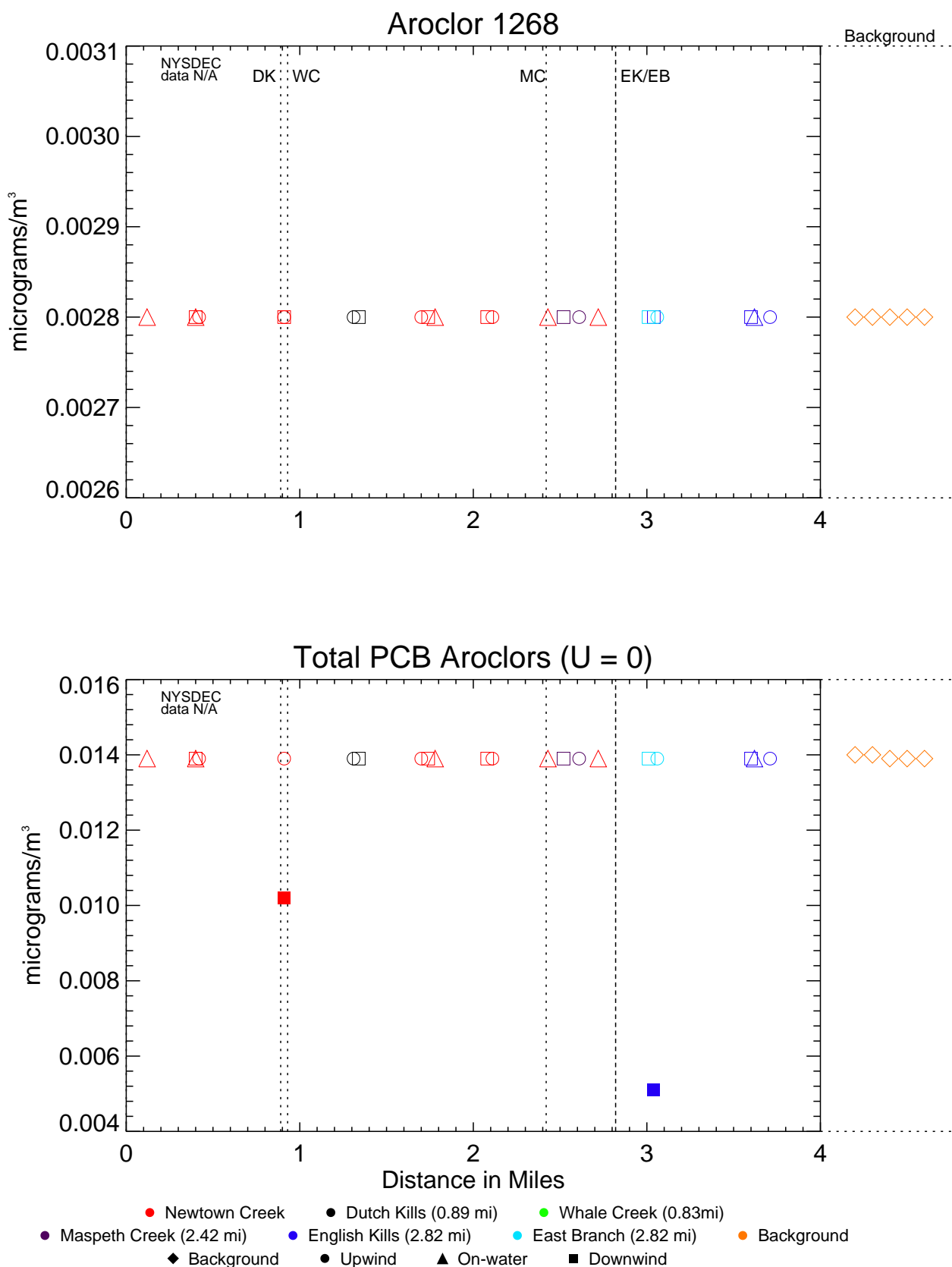
*Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011*



--- NYSDEC Average: All Results
 --- NYSDEC Average: Only Non-zero Values
 --- NYSDEC 95th Percentile

Figure A5-4
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

*Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011*

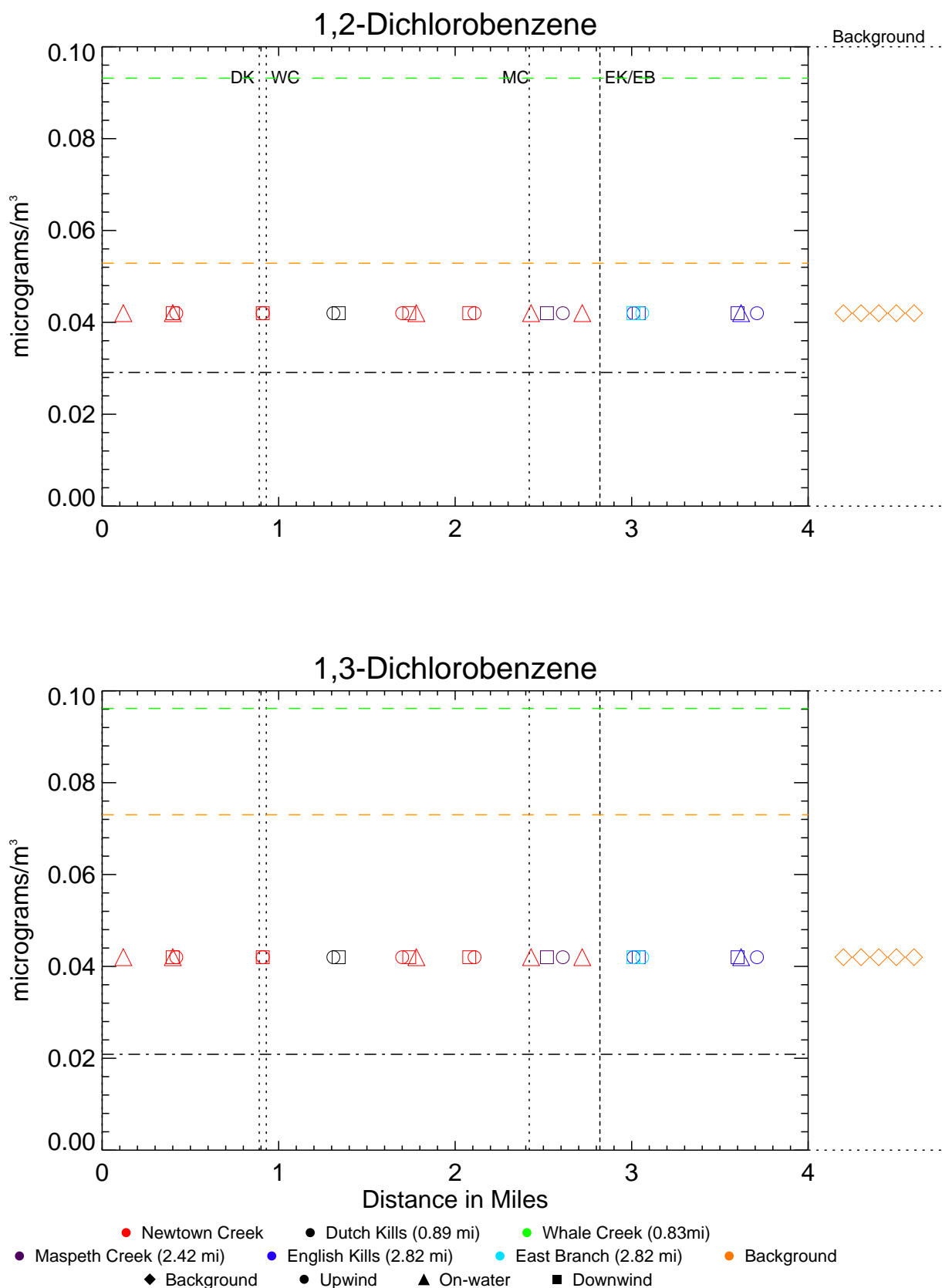


--- NYSDEC Average: All Results
 --- NYSDEC Average: Only Non-zero Values
 --- NYSDEC 95th Percentile

Figure A5-5

Air Quality Spatial Profiles - June 2012
Phase 1 RI Data Summary Report - Submittal No. 1
Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
Mile point 0 = confluence of Newtown Creek and East River.
Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-7

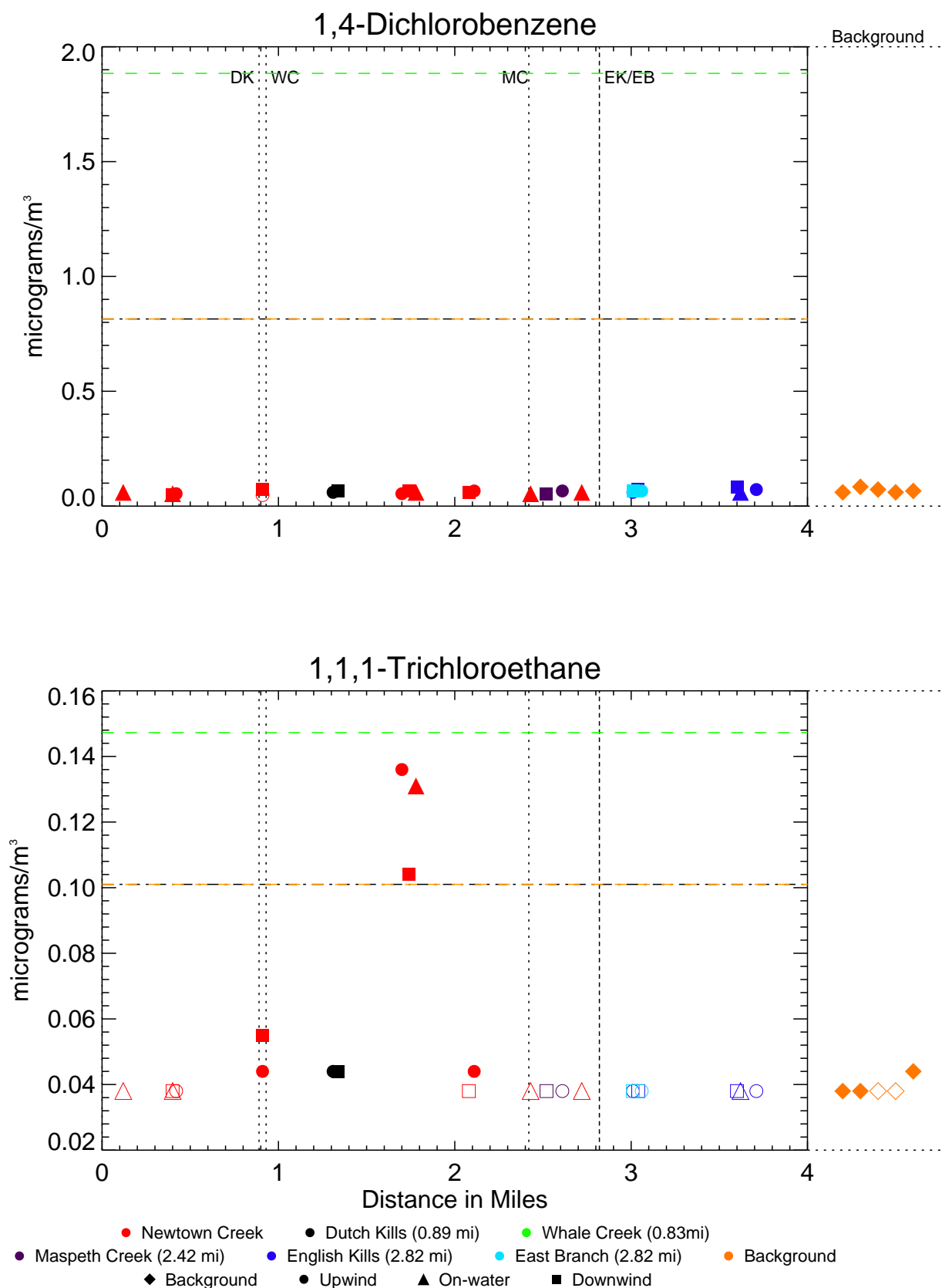
Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

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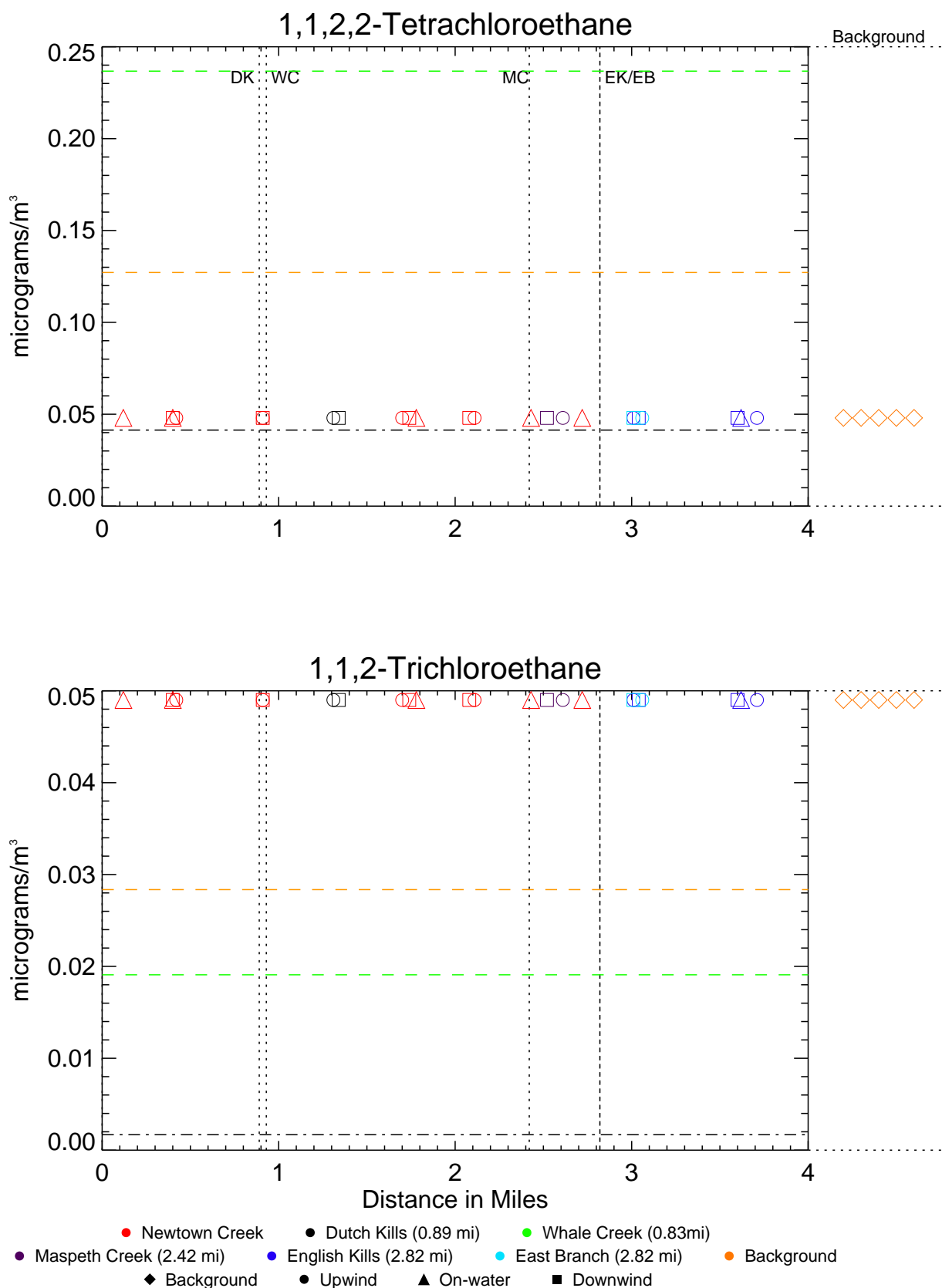




- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-8
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

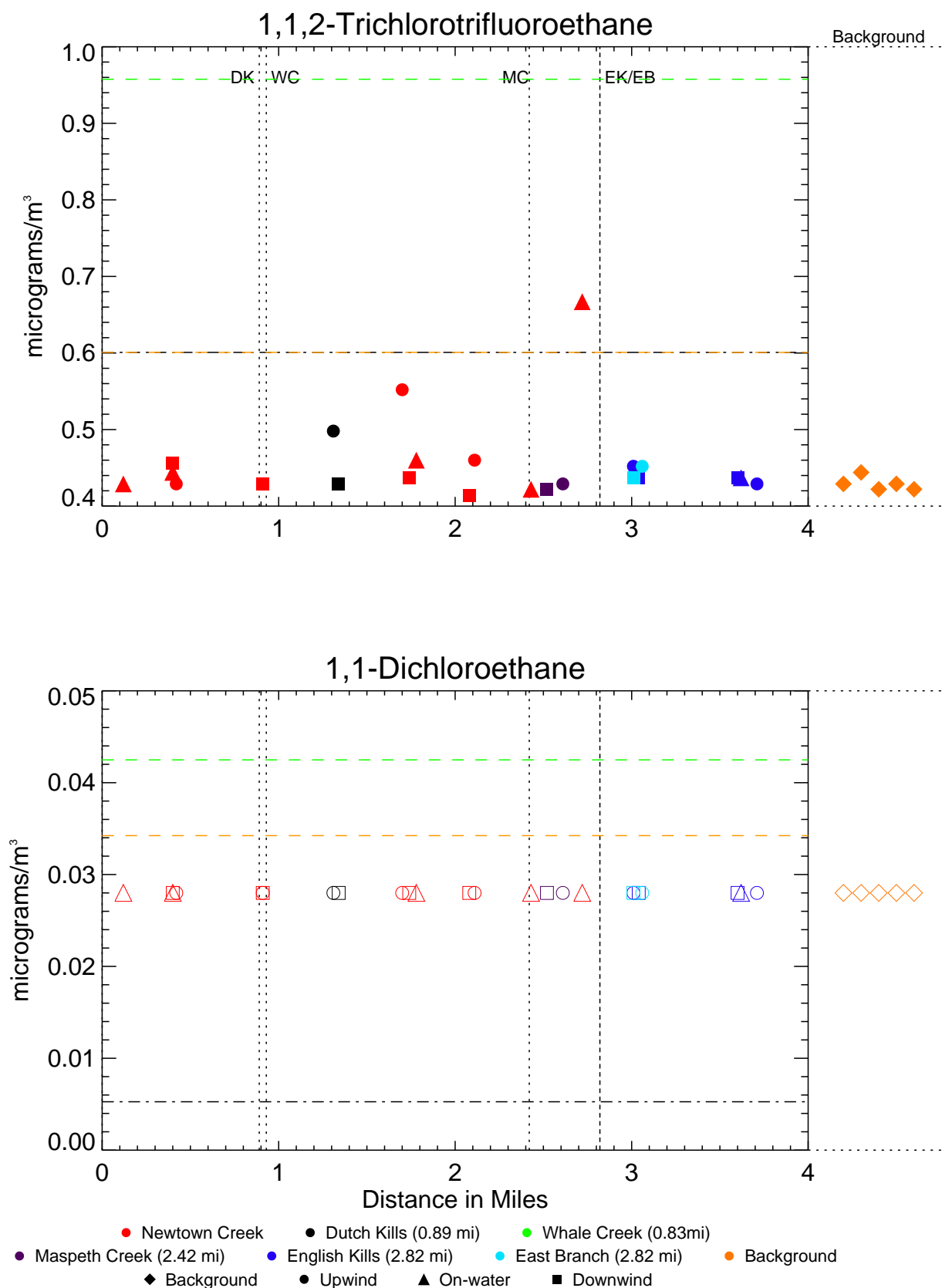


- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-9

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



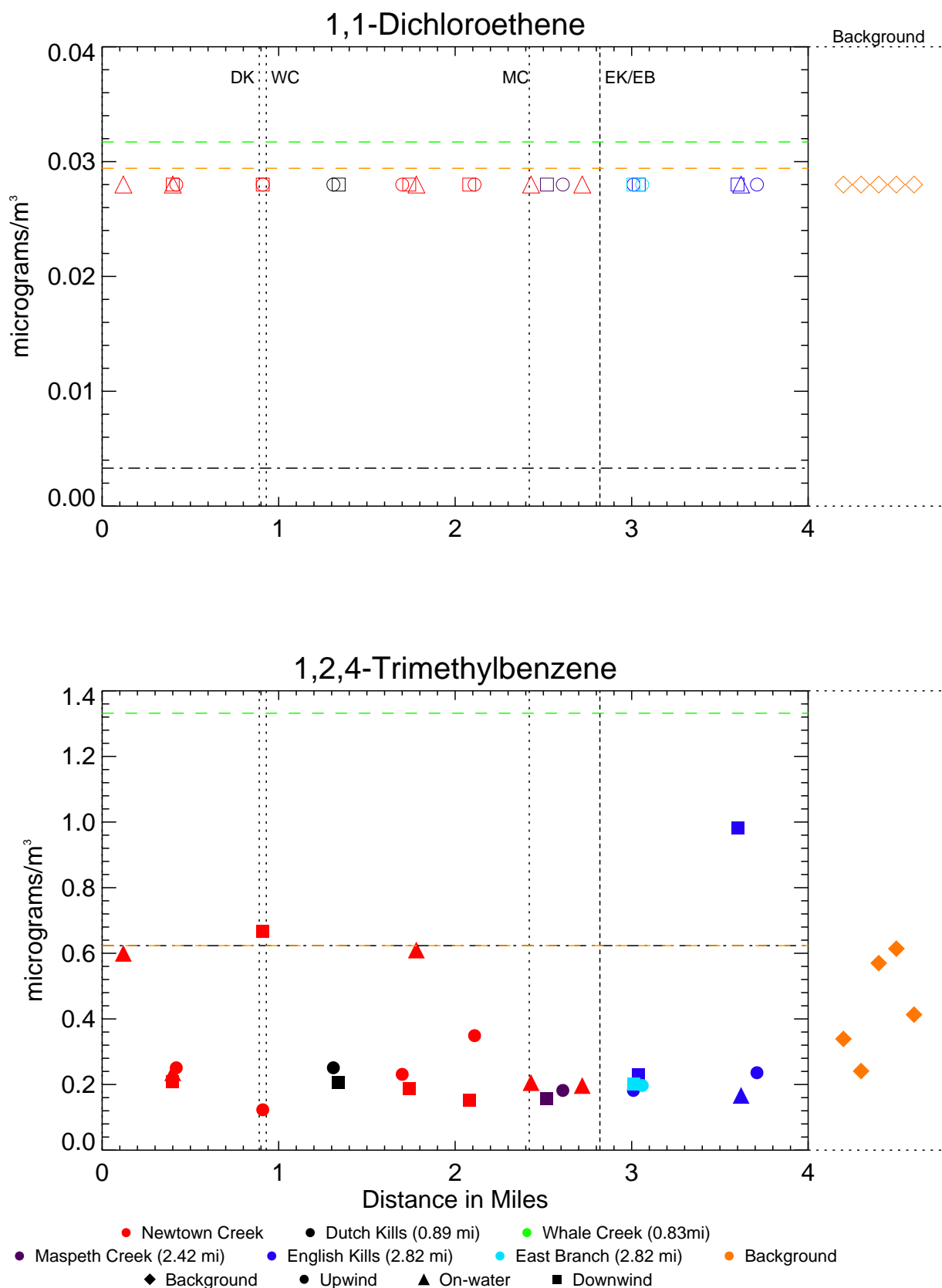
- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-10

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS



Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



--- NYSDEC Average: All Results
 --- NYSDEC Average: Only Non-zero Values
 --- NYSDEC 95th Percentile

Figure A5-11

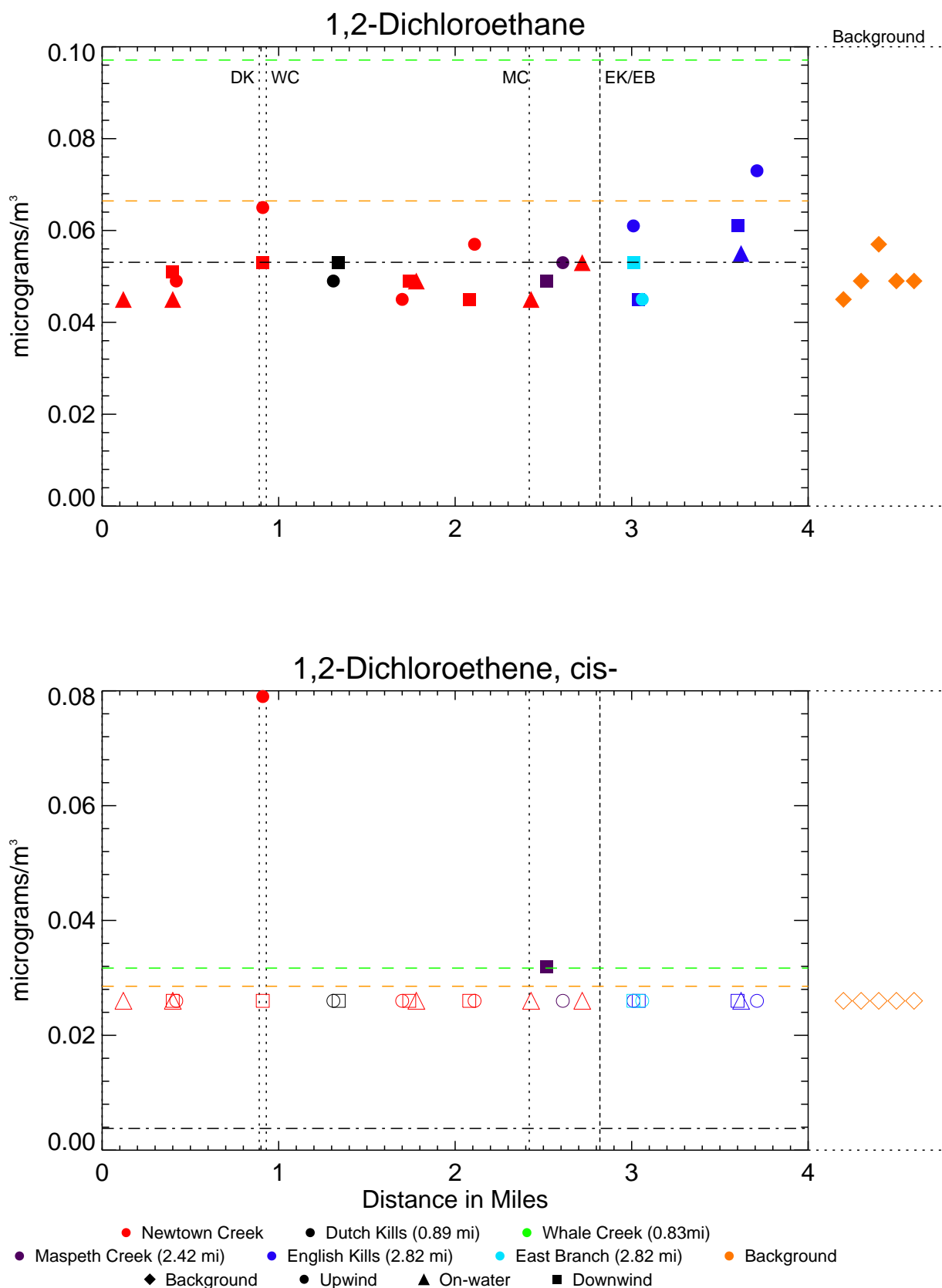
Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

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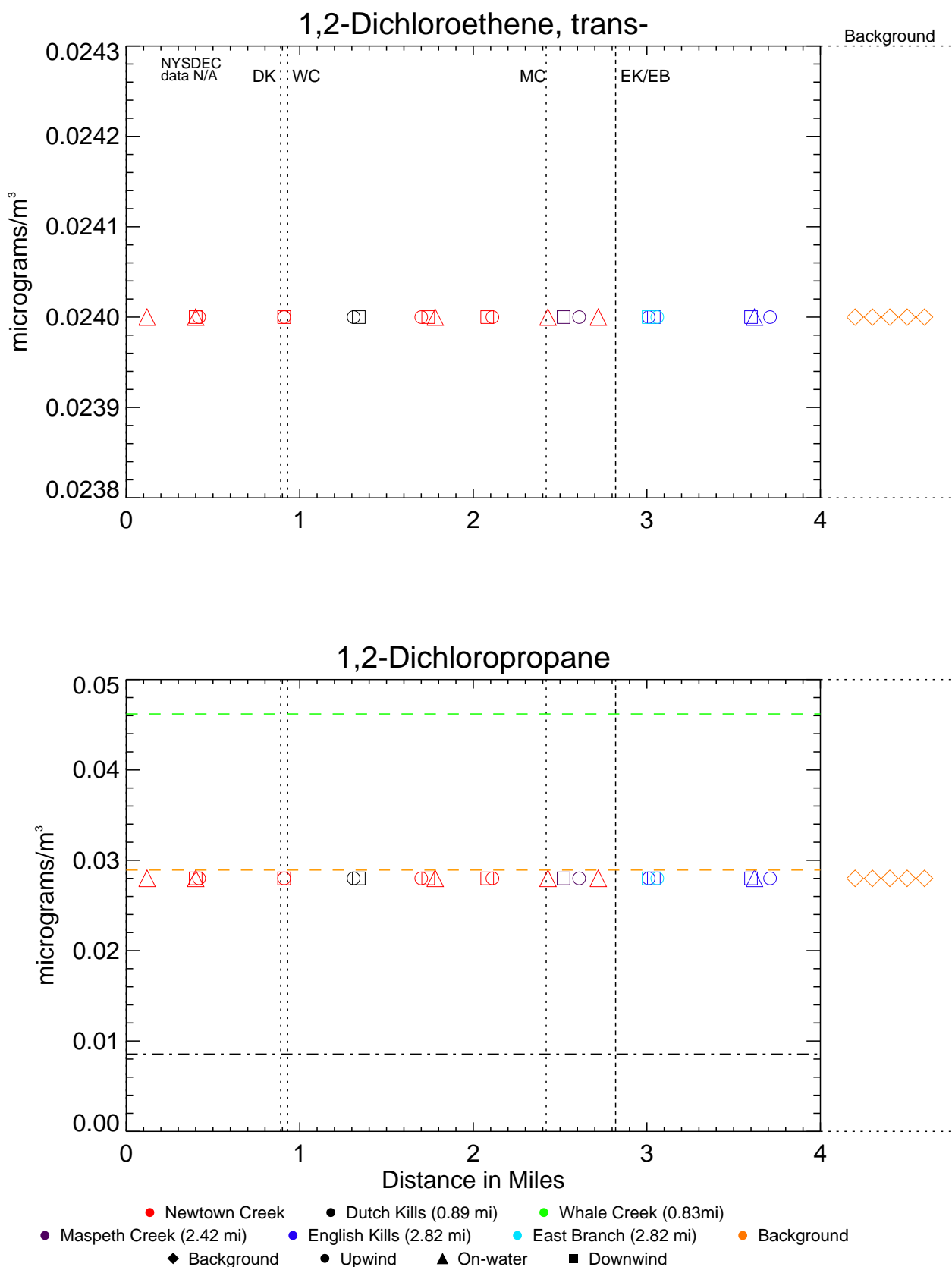


- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-12

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



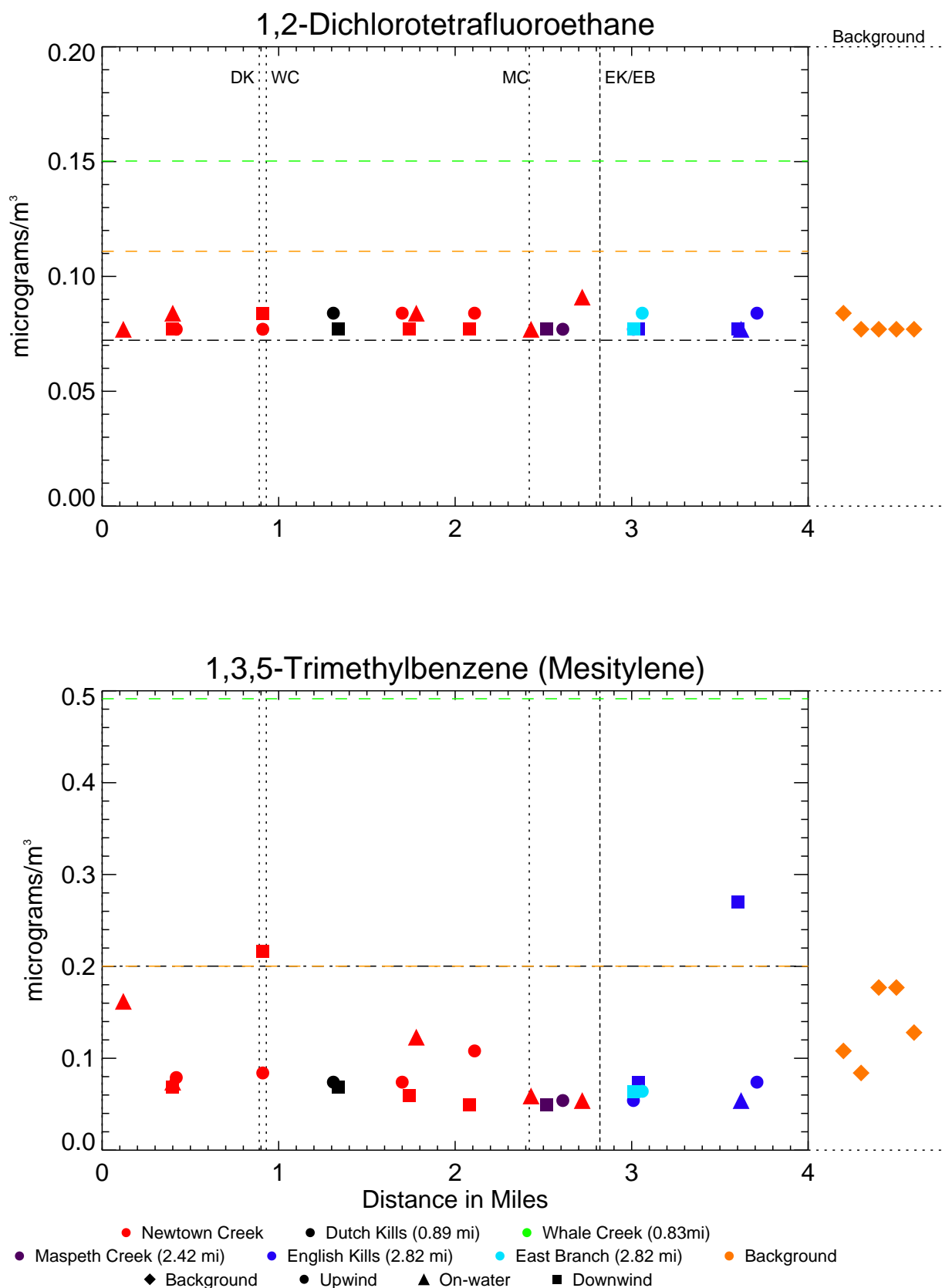
- - - - - NYSDEC Average: All Results
 - - - - - NYSDEC Average: Only Non-zero Values
 - - - - - NYSDEC 95th Percentile

Figure A5-13

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS



Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



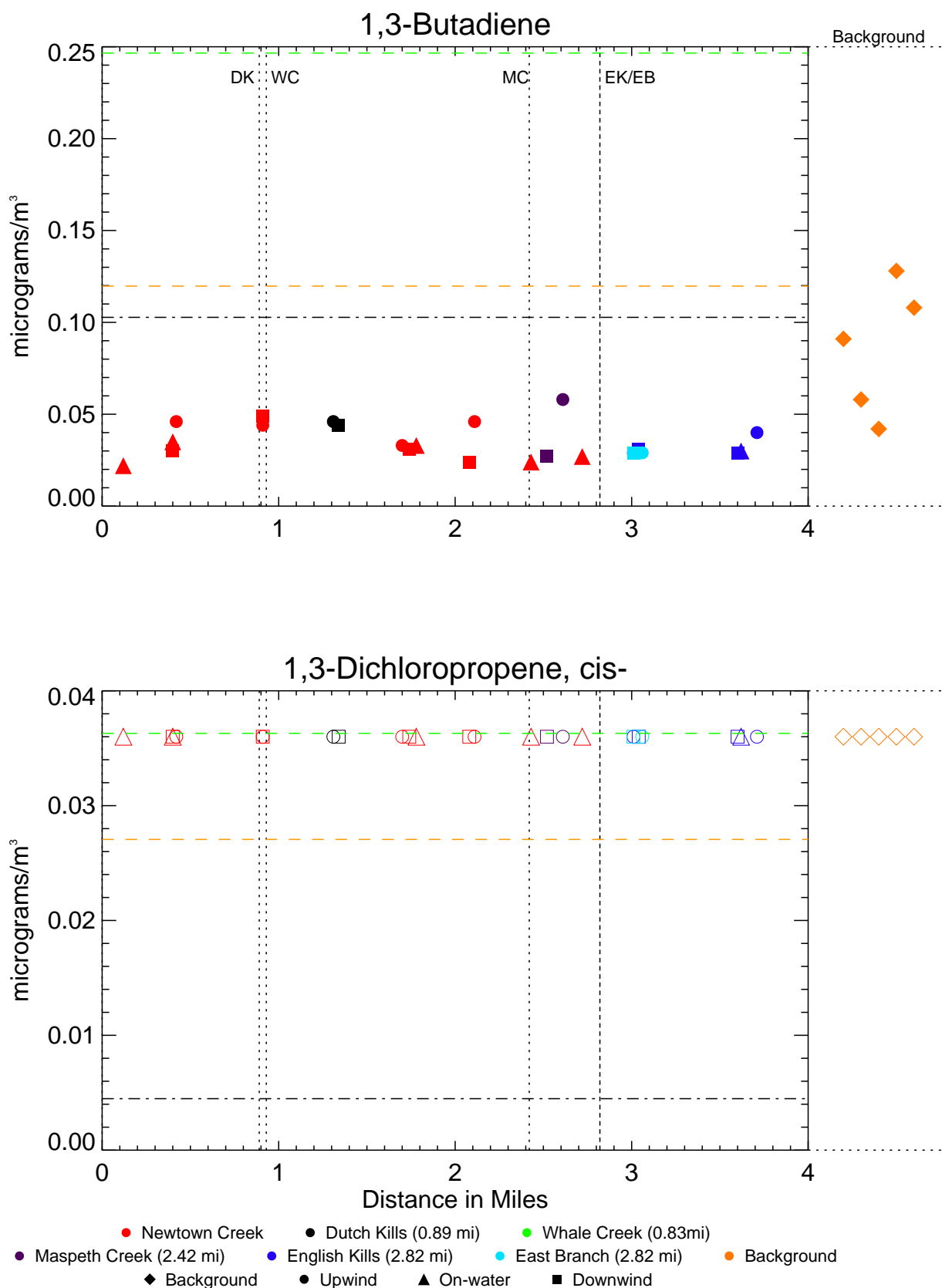
- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-14

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS



Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

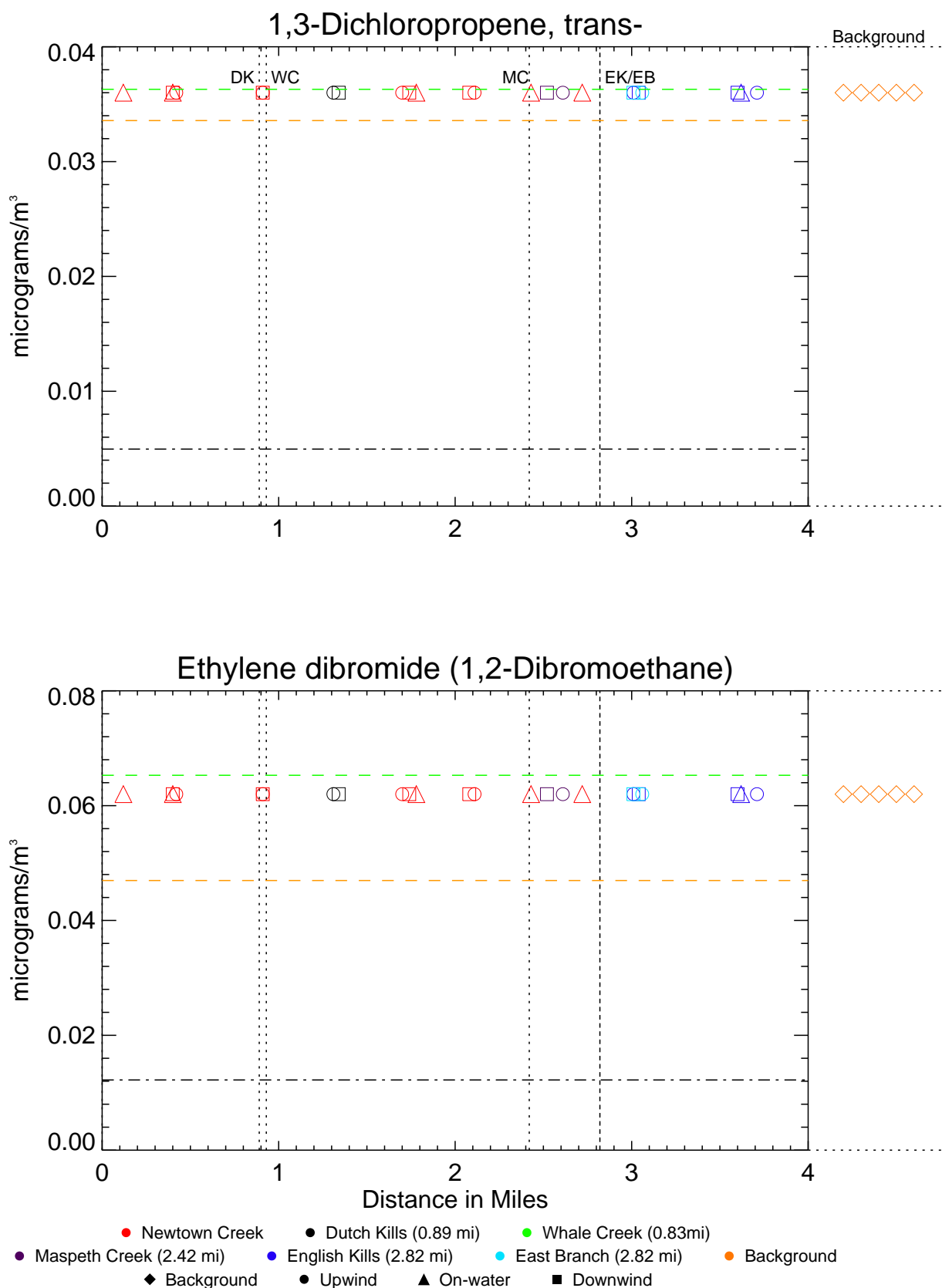
Figure A5-15

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

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**Figure A5-16**

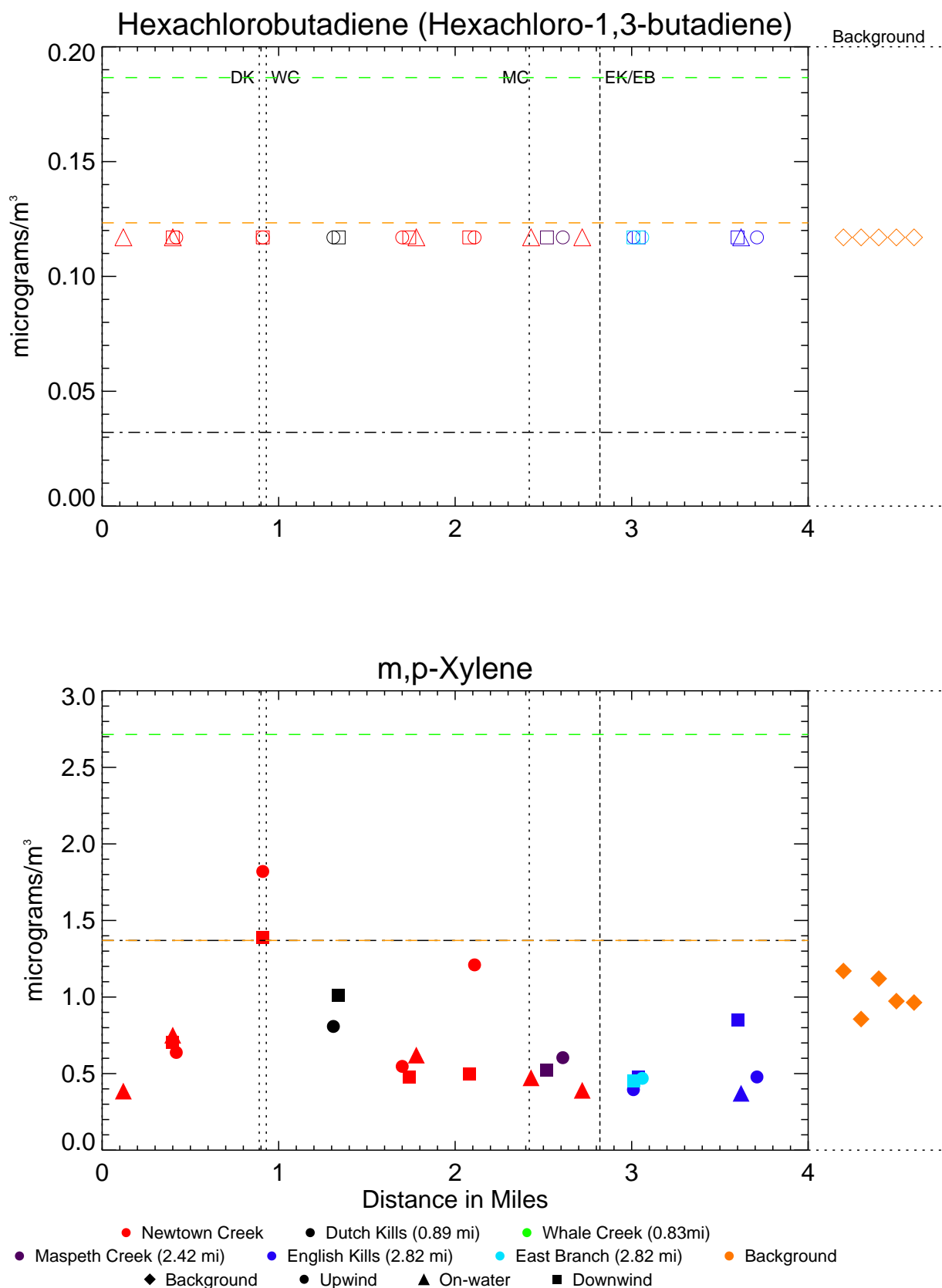
Air Quality Spatial Profiles - June 2012
Phase 1 RI Data Summary Report - Submittal No. 1
Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

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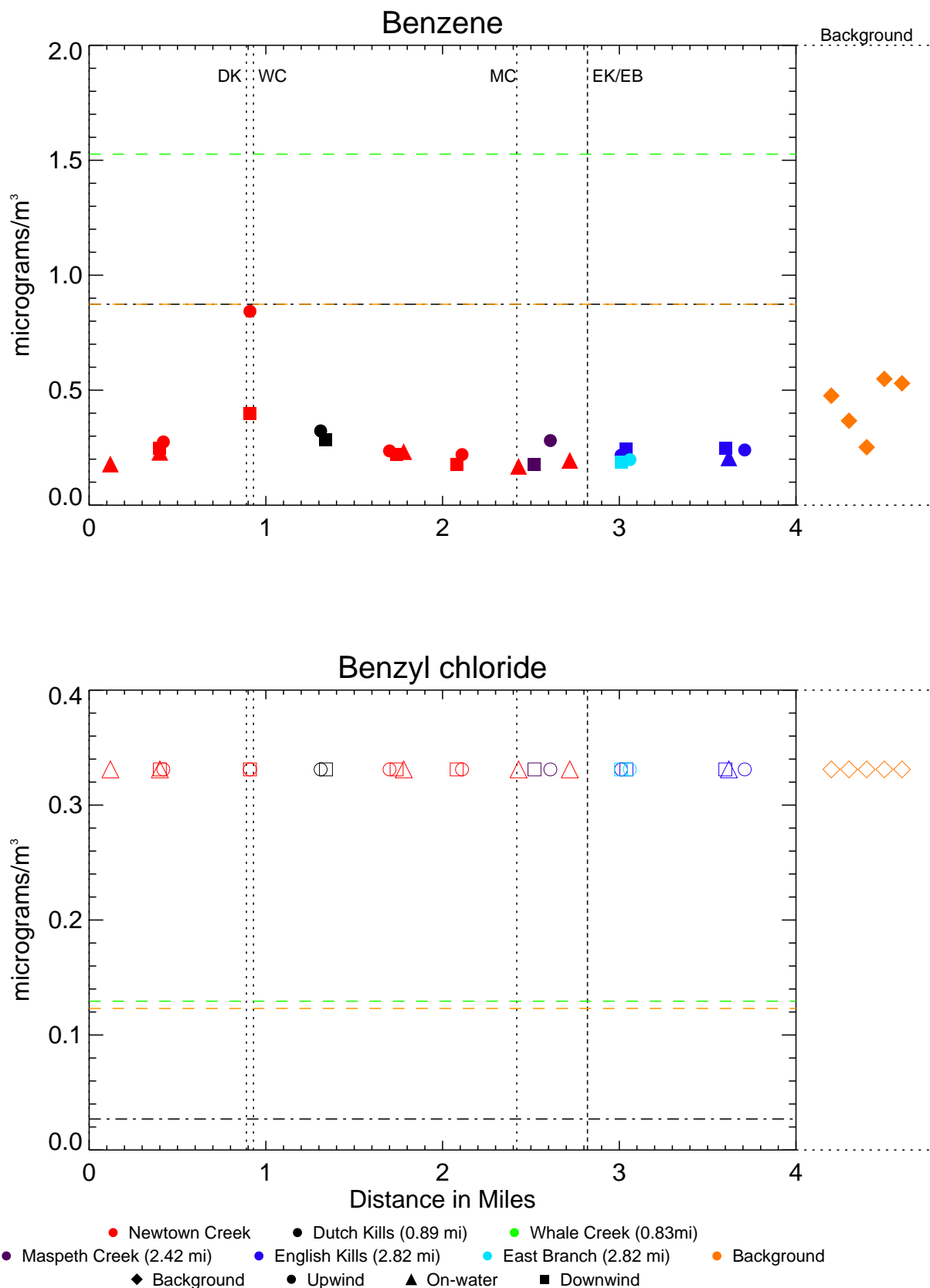




- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-17
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

**Figure A5-18**

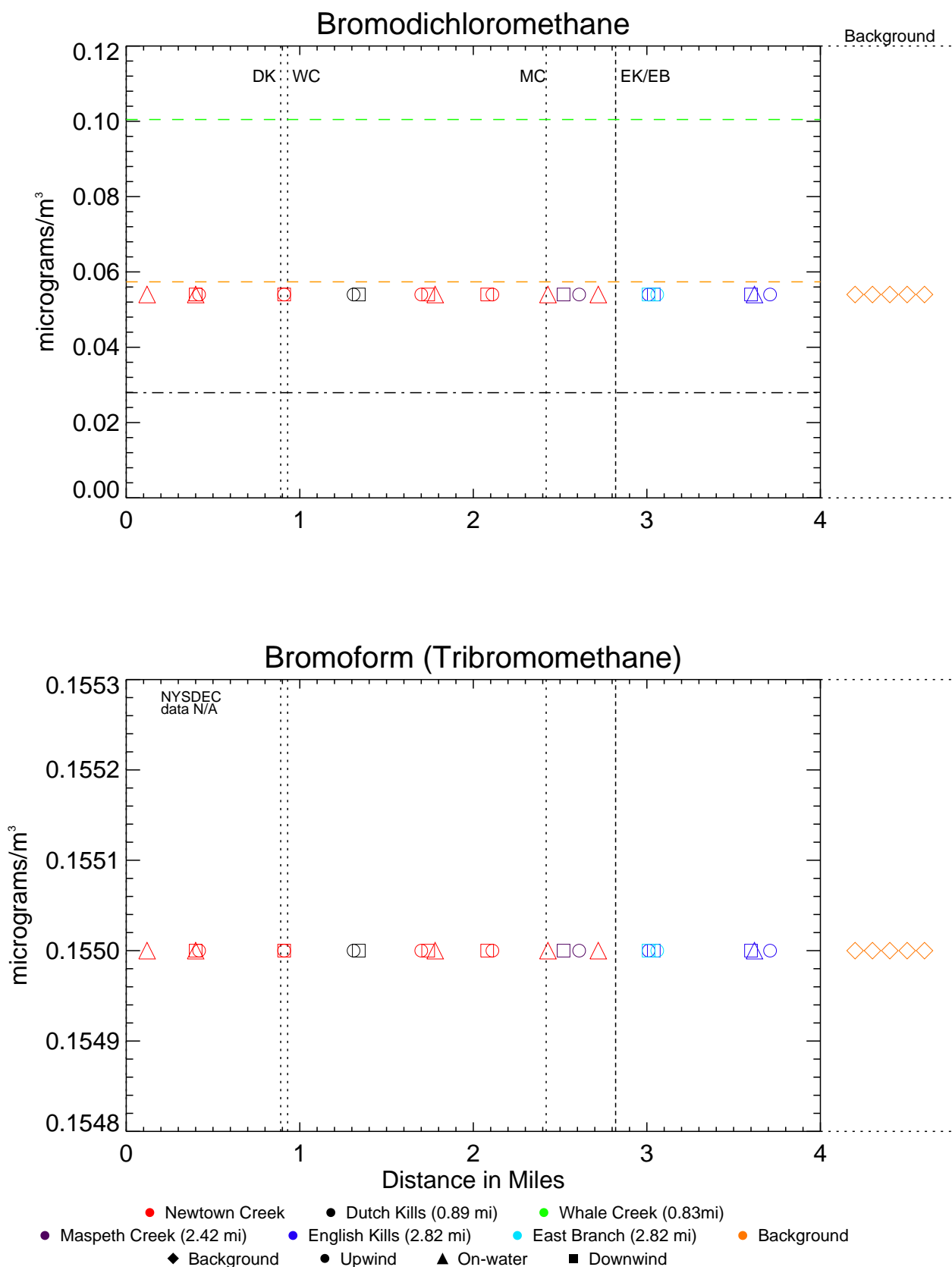
Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.

NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

m/HS - \\HOUL-HSAMAHAD_Drive\Newtown_Creek\Analysis\Air_Sampling\Spatial\nc_air_spatials_121107.pro Mon Jan 14 08:54:39 2013



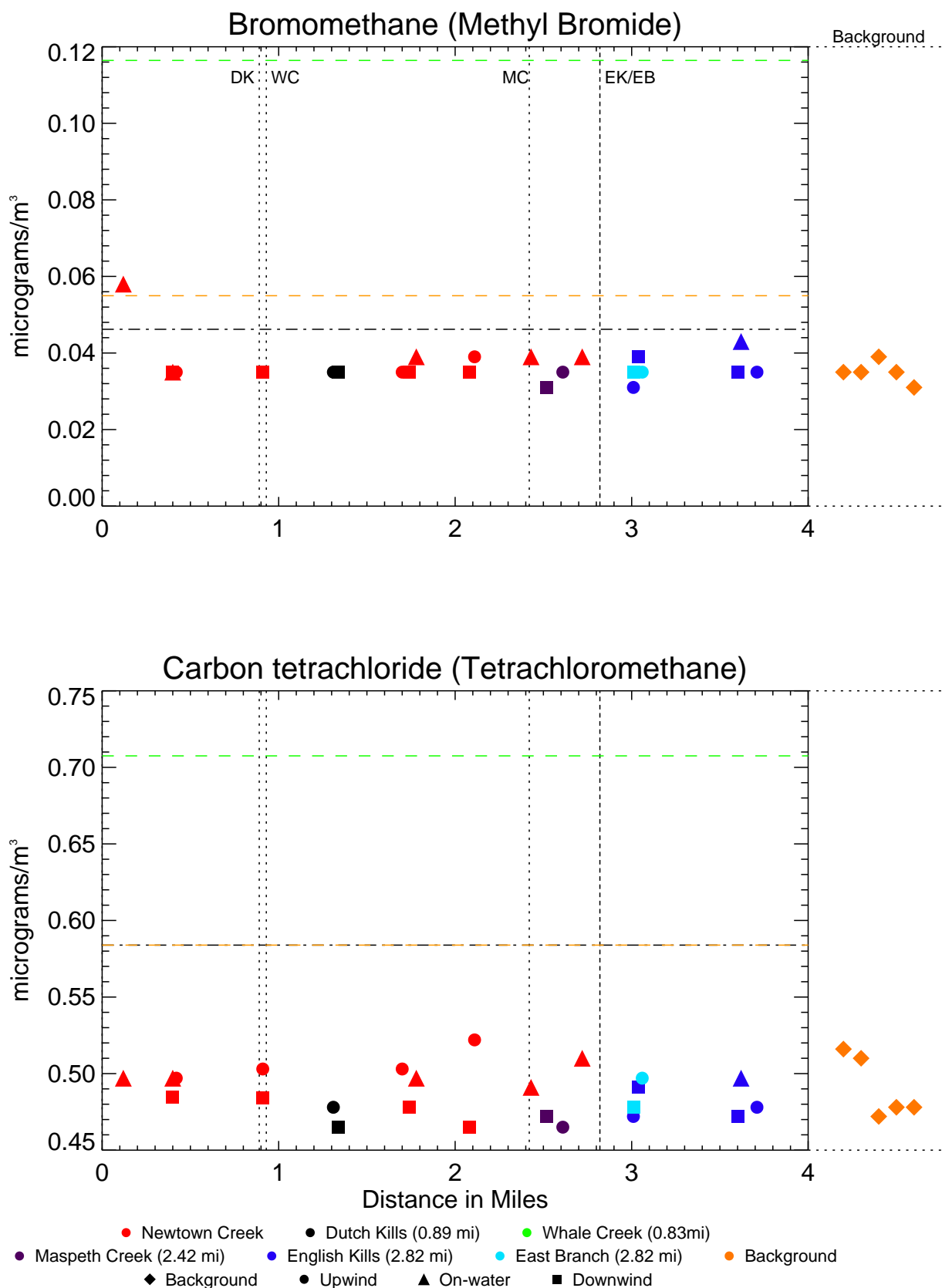
- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-19

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS



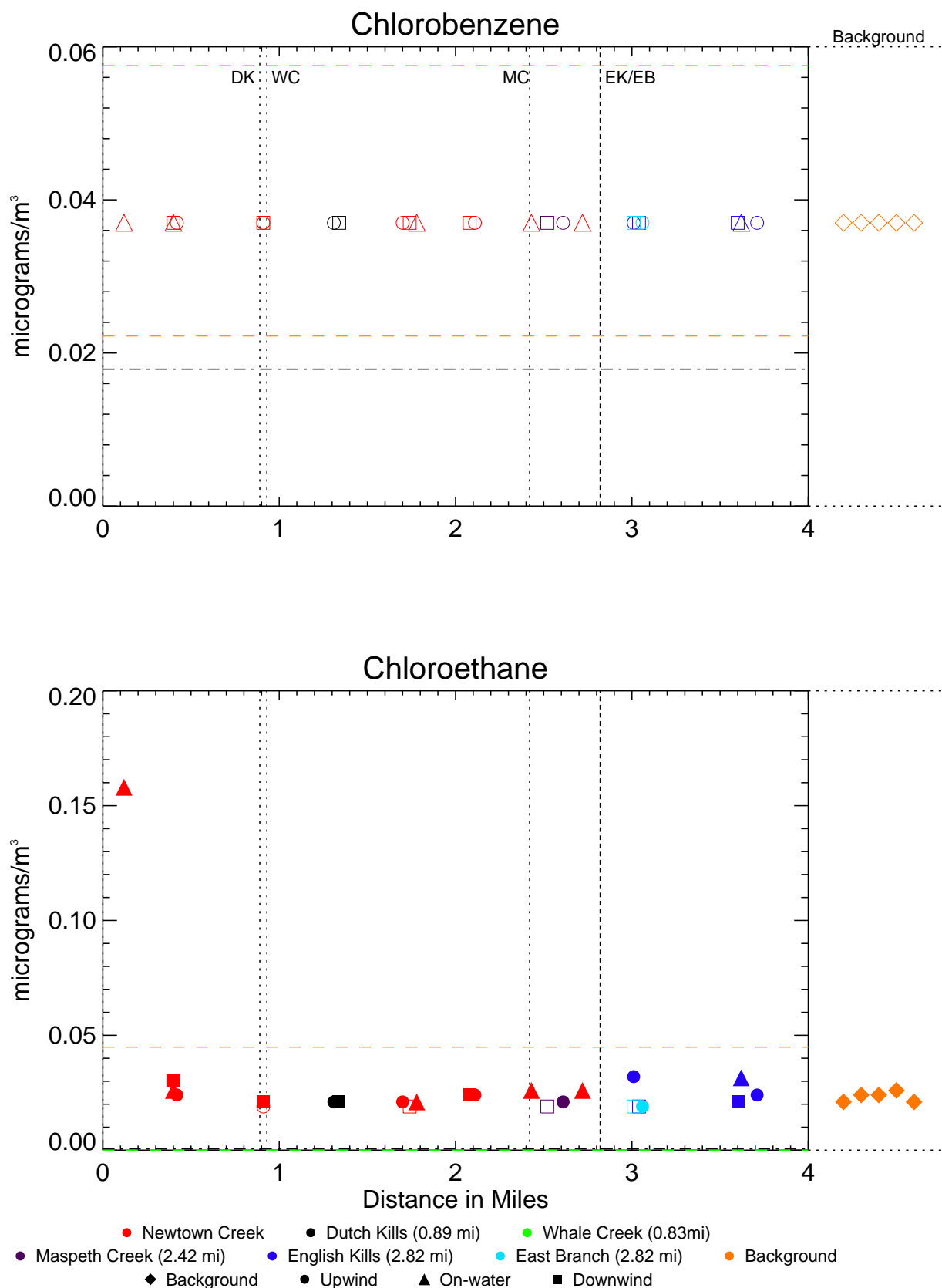
Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-20
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

**Figure A5-21**

Air Quality Spatial Profiles - June 2012
Phase 1 RI Data Summary Report - Submittal No. 1
Newtown Creek RI/FS

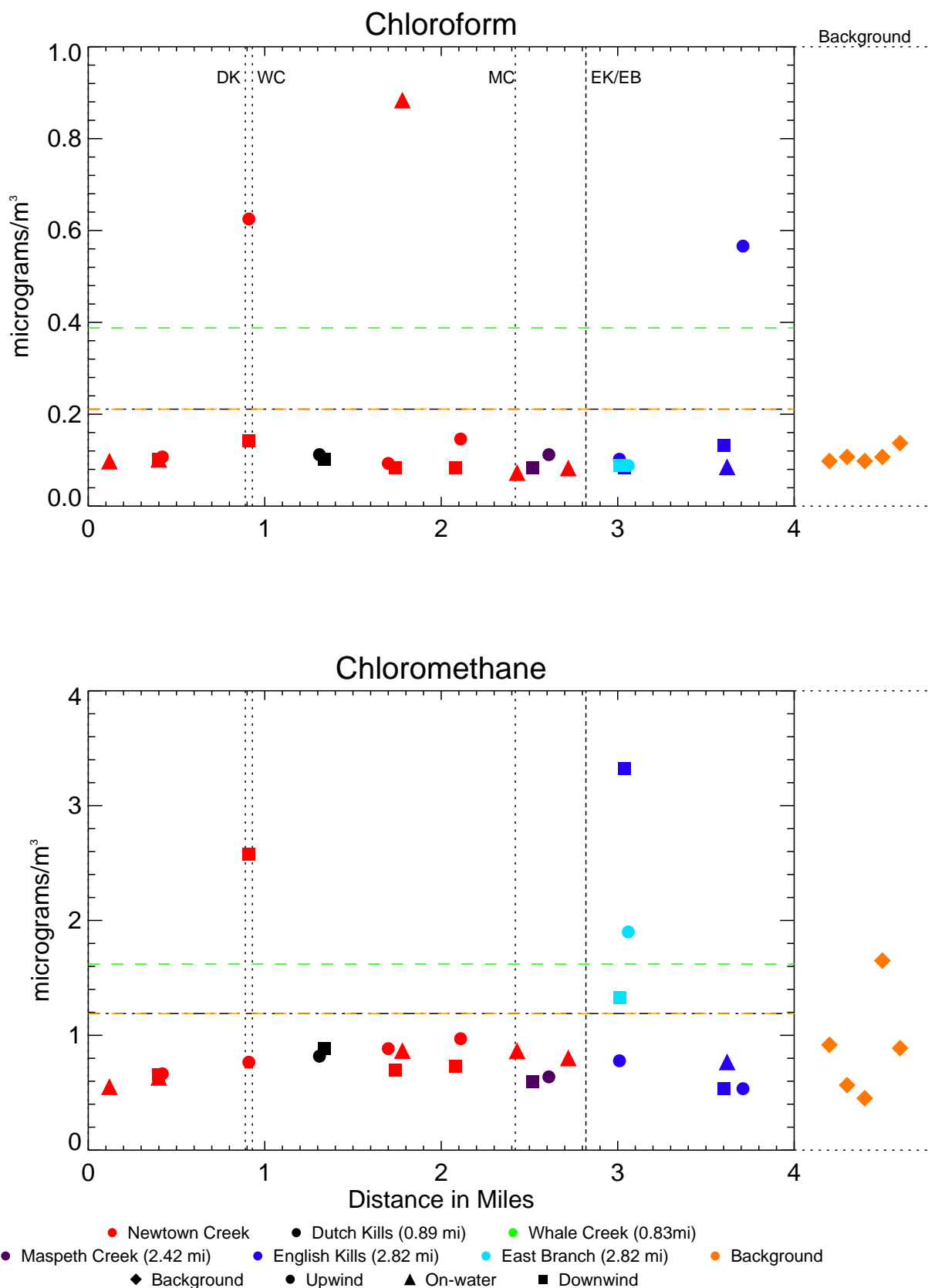
Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.

Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.

NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

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- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-22

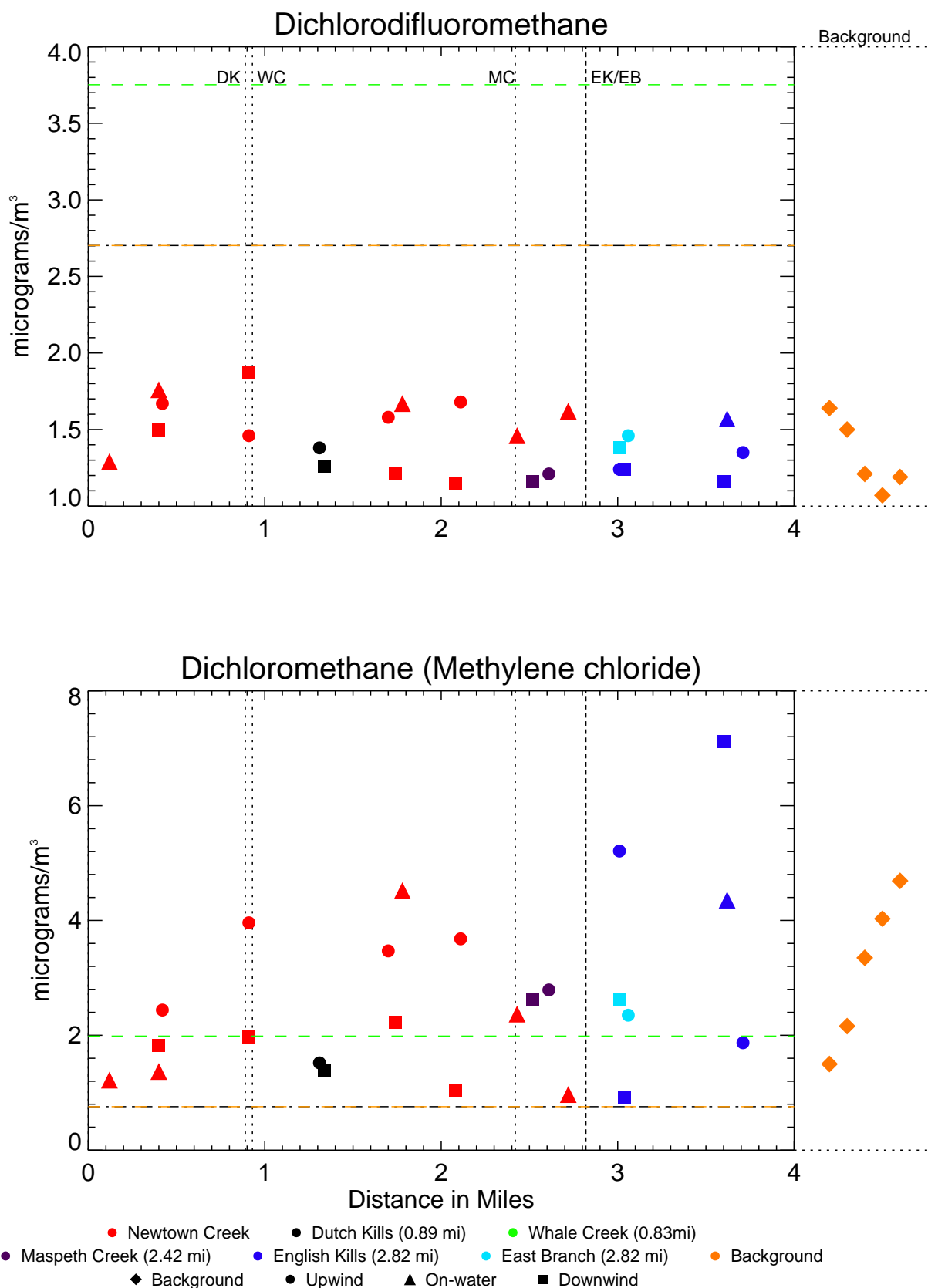
Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

m/HS - \HOUUL-HSAMAHAD_Drive\Newtown_Creek\Analysis\Air_Sampling\Spatial\nc_air_spatials_121107.pro Mon Jan 14 08:54:40 2013

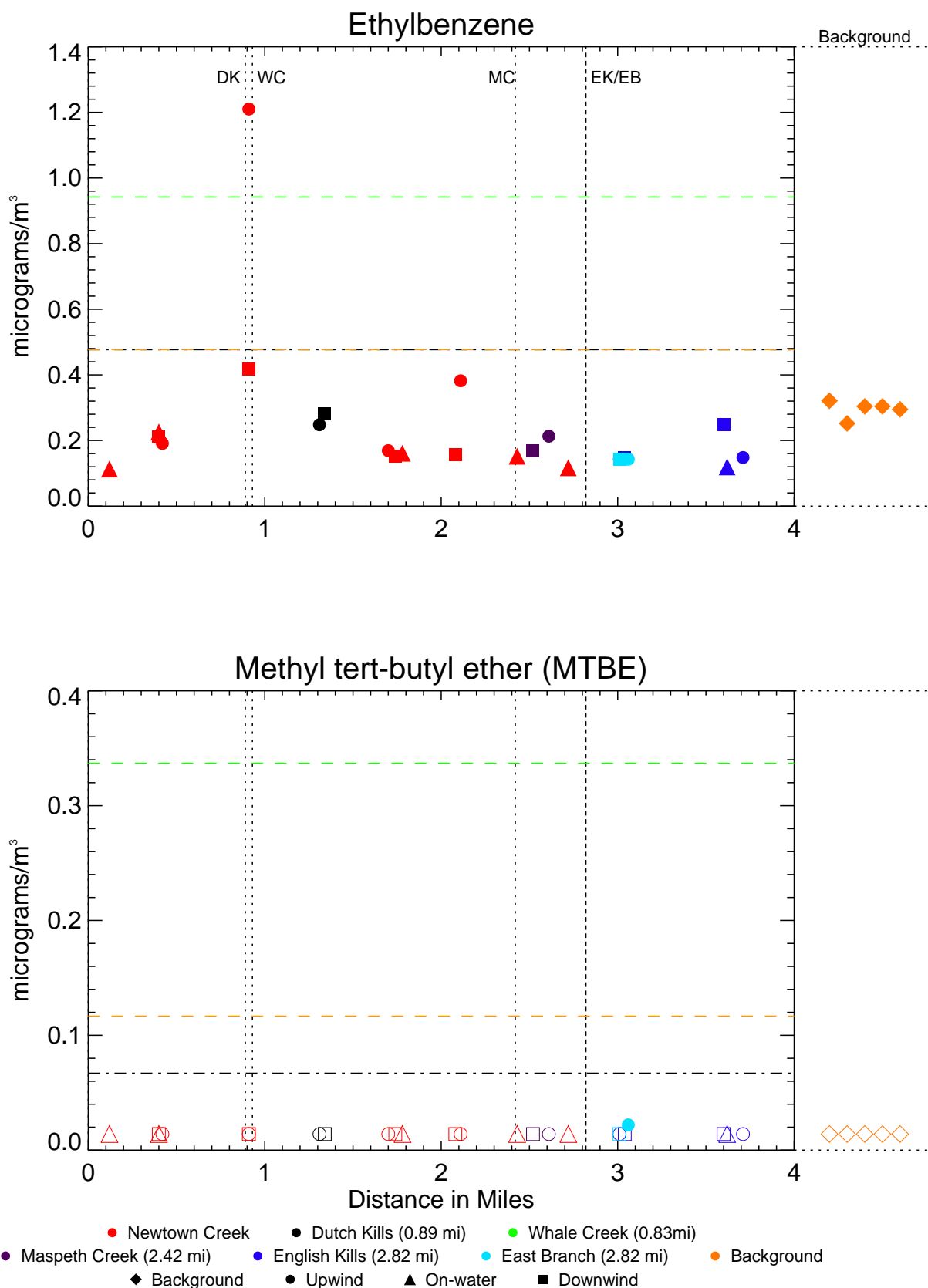




- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-23
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

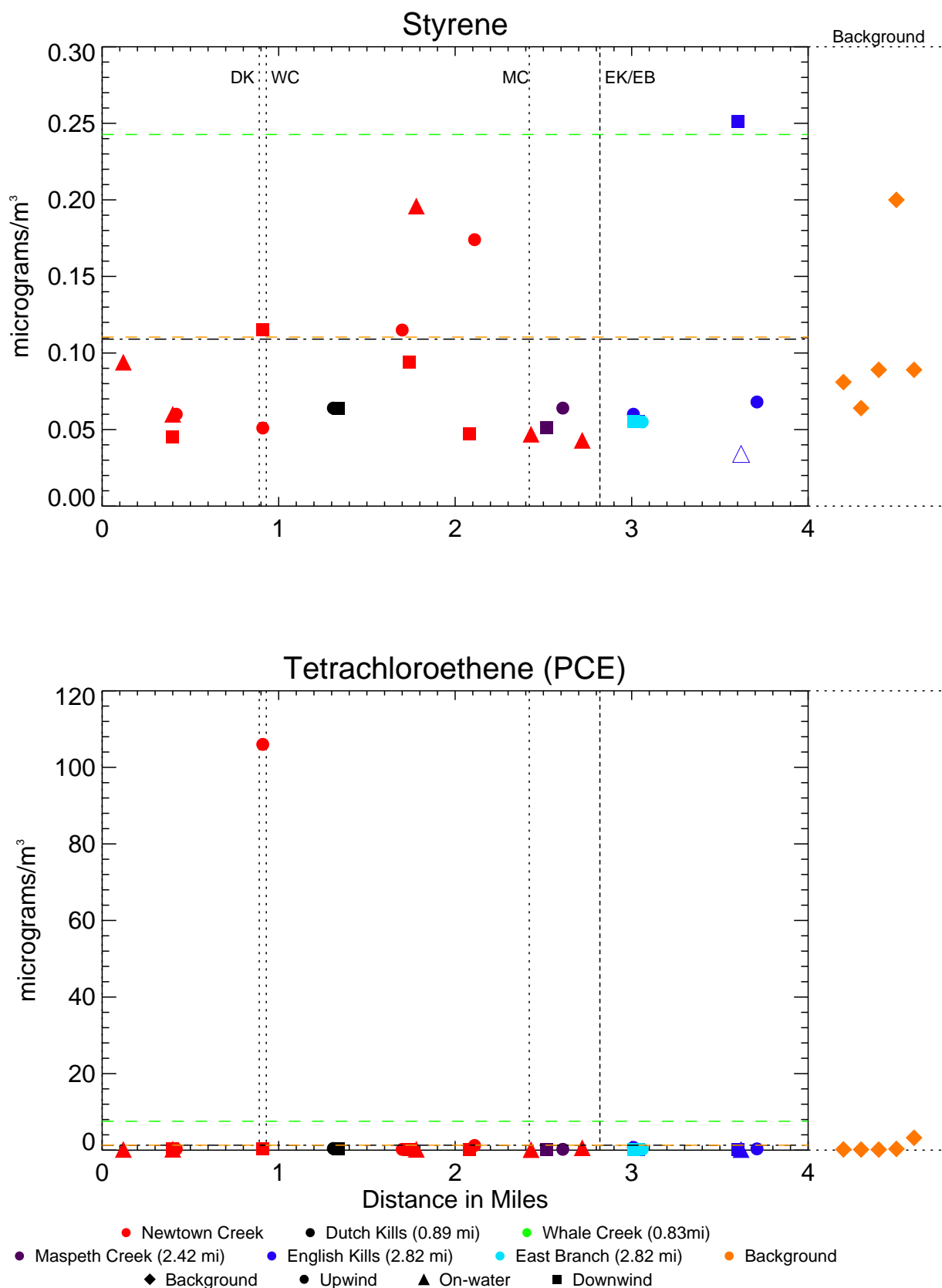
Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-24
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



--- NYSDEC Average: All Results
 --- NYSDEC Average: Only Non-zero Values
 --- NYSDEC 95th Percentile

Figure A5-25

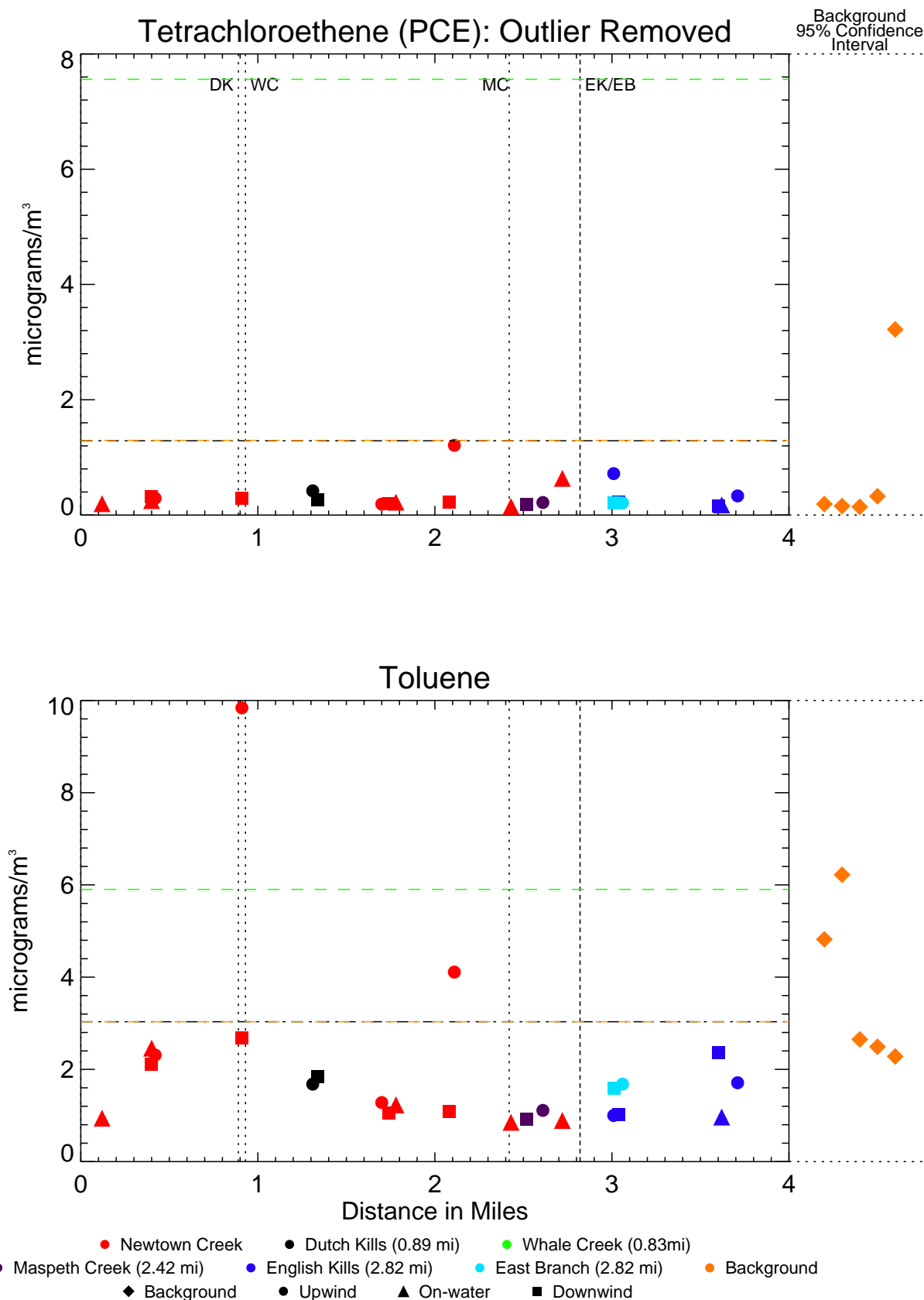
Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

m/HS - \HOU\HSAMAHA\Drive\Newtown_Creek\Analysis\Air_Sampling\Spatial\nc_air_spatial_121107.pro Mon Jan 14 08:54:40 2013





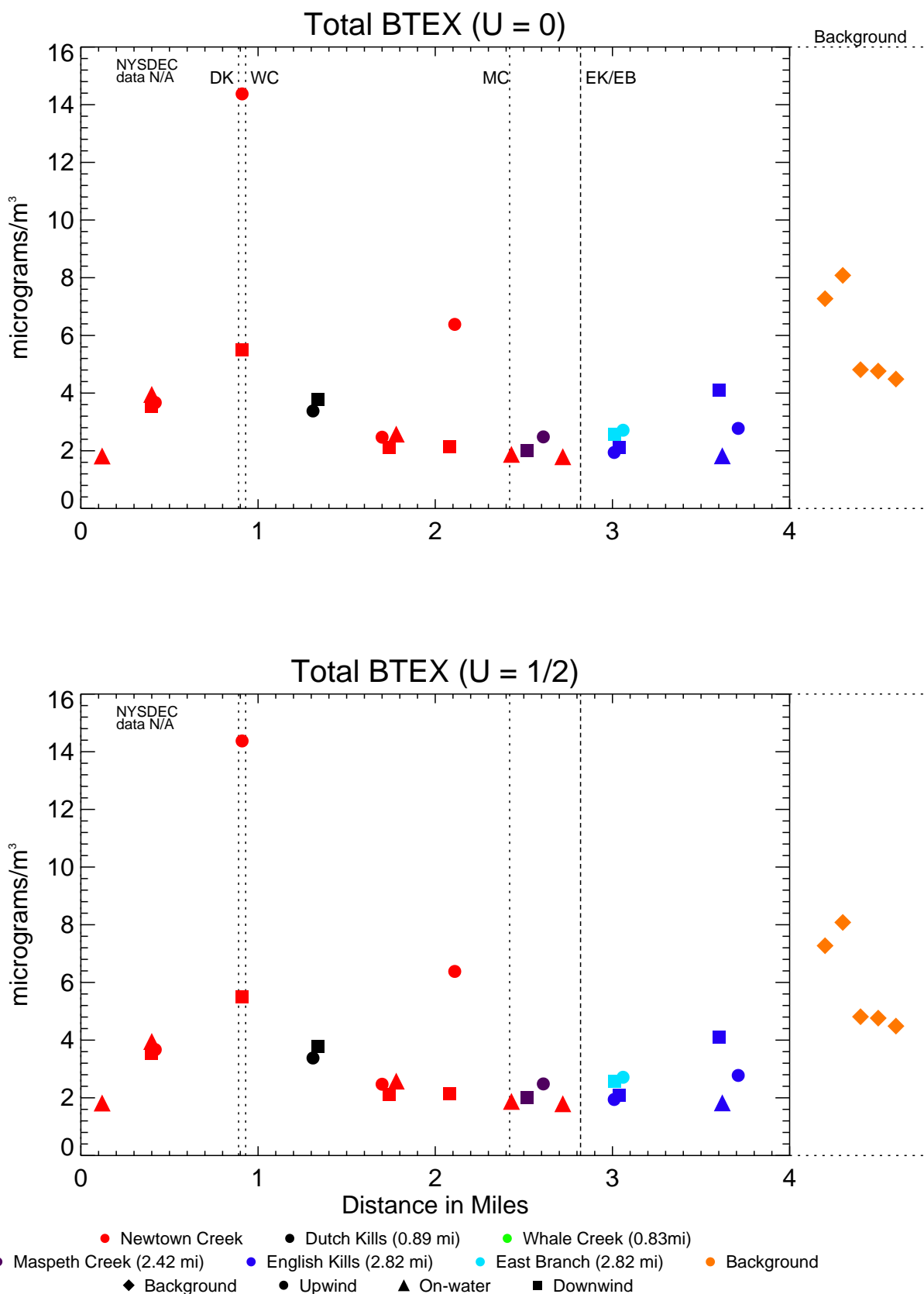
--- NYSDEC Average: All Results
 --- NYSDEC Average: Only Non-zero Values
 --- NYSDEC 95th Percentile

Figure A5-26

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS



*Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011*



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

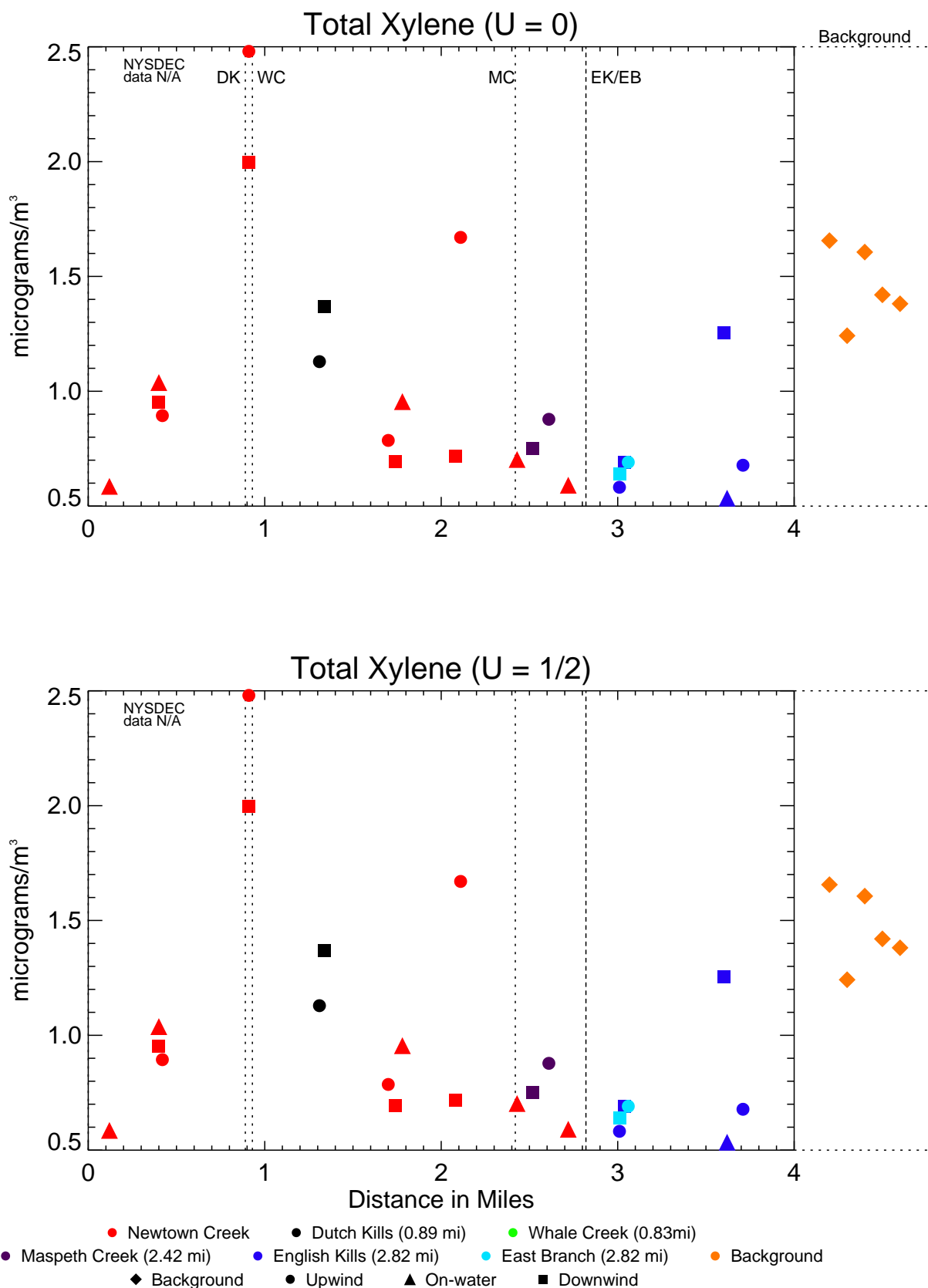
Figure A5-27

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.
 Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

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**Figure A5-28**

Air Quality Spatial Profiles - June 2012
Phase 1 RI Data Summary Report - Submittal No. 1
Newtown Creek RI/FS

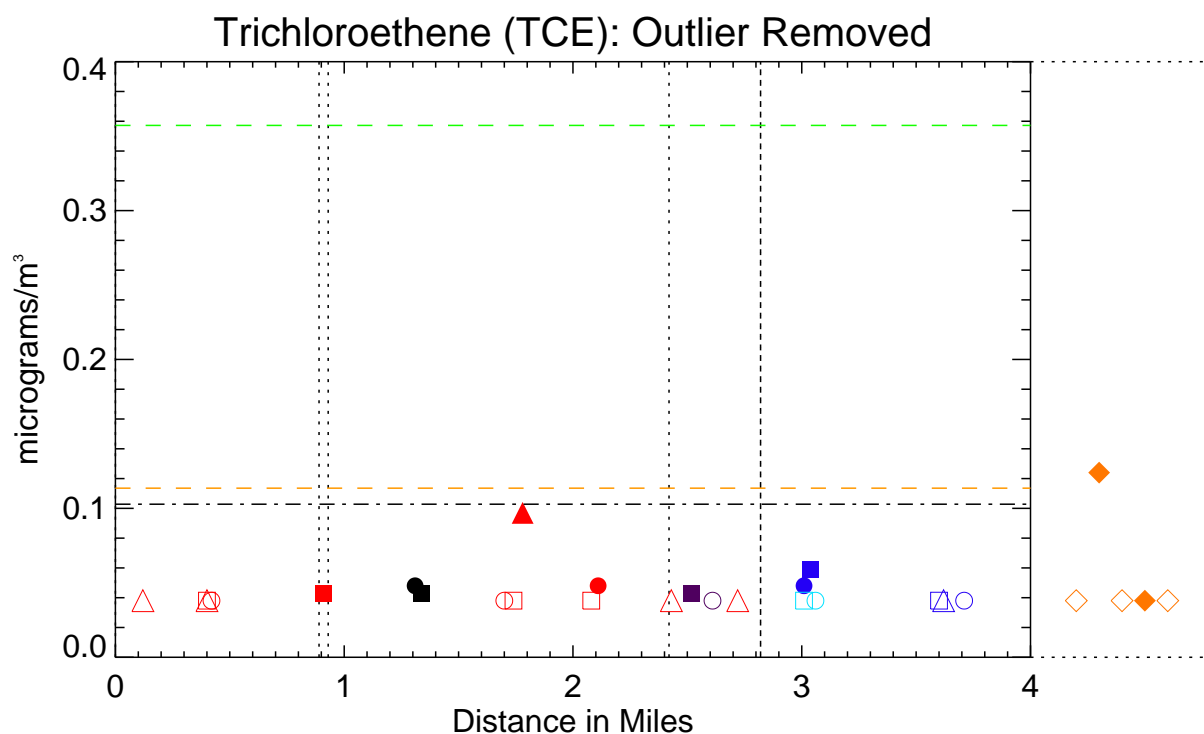
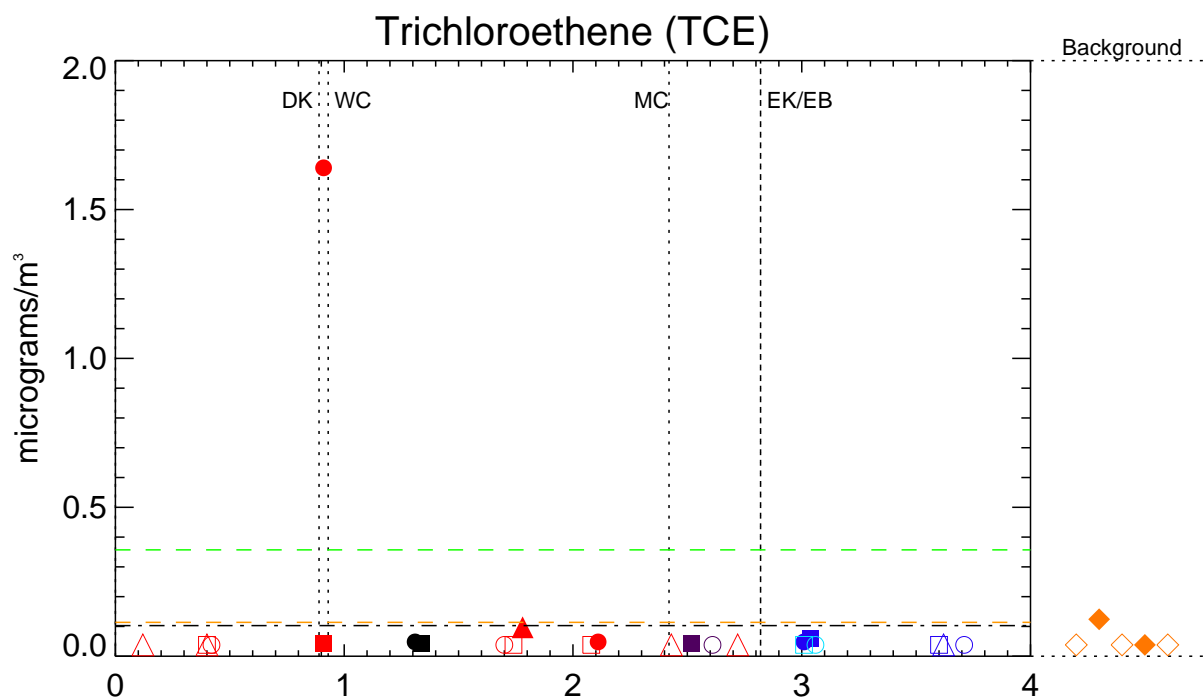
Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

m/HS - \HOU\HSAMAHA\Drive\Newtown_Creek\Analysis\Air_Sampling\Spatial\nc_air_spatial_121107.pro Mon Jan 14 08:54:40 2013



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile



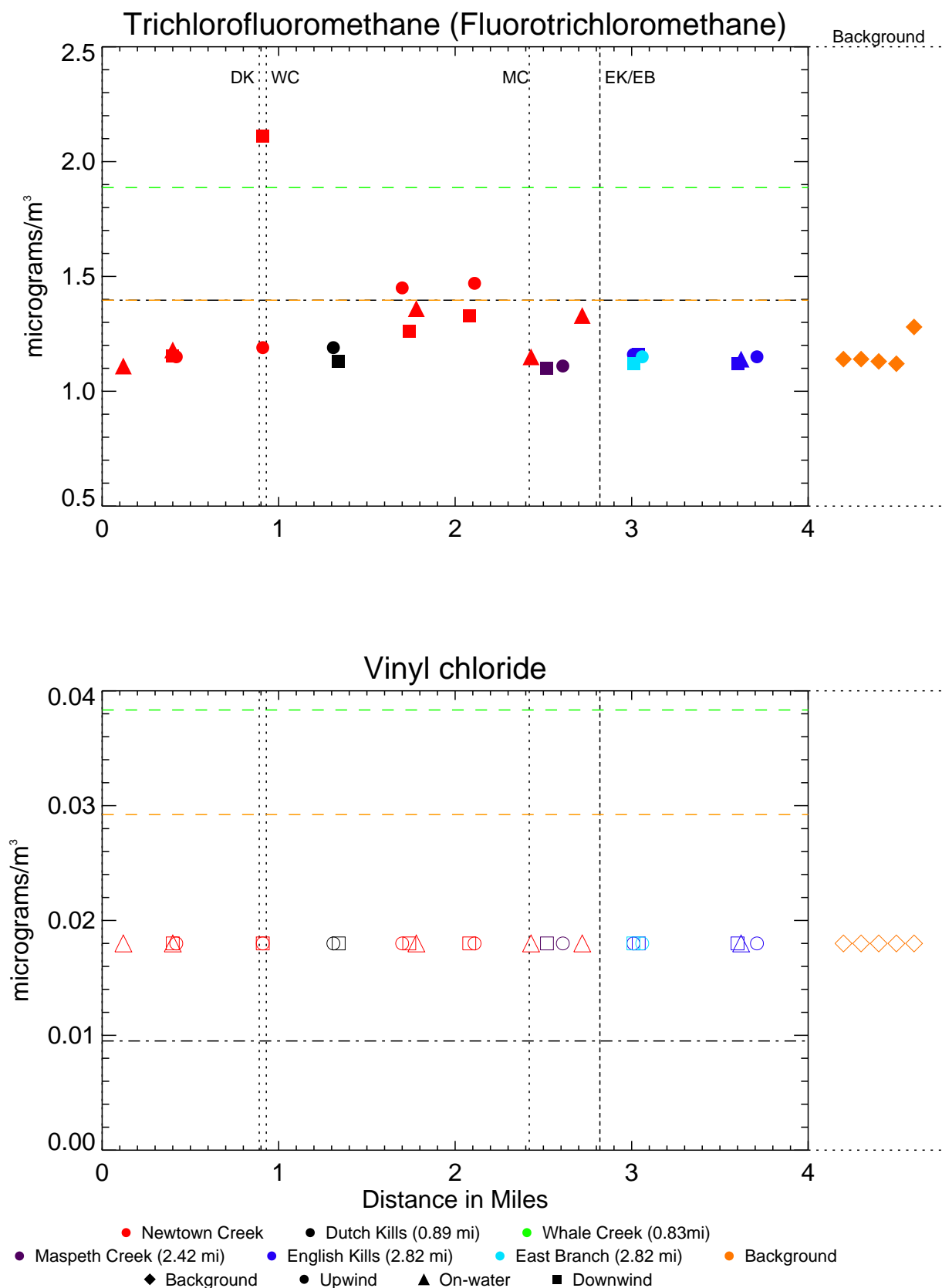
● Newtown Creek ● Dutch Kills (0.89 mi) ● Whale Creek (0.83mi)
● Maspeth Creek (2.42 mi) ● English Kills (2.82 mi) ● East Branch (2.82 mi) ● Background
◆ Background ● Upwind ▲ On-water ■ Downwind

- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-29

Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
Mile point 0 = confluence of Newtown Creek and East River.
Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011



- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile

Figure A5-30

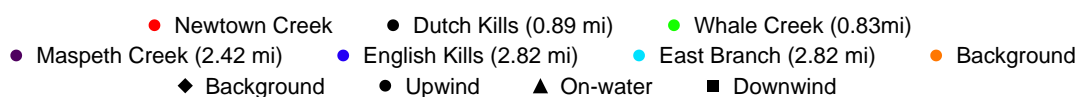
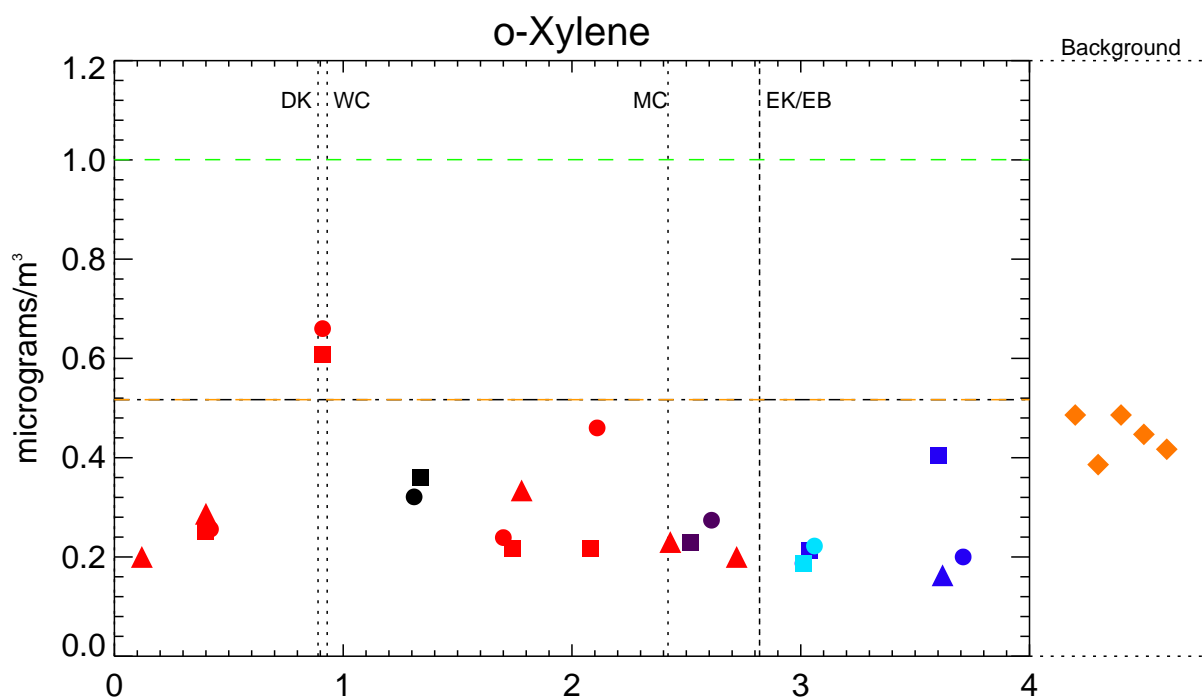
Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
 Mile point 0 = confluence of Newtown Creek and East River.

Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011

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- - - NYSDEC Average: All Results
 - - - NYSDEC Average: Only Non-zero Values
 - - - NYSDEC 95th Percentile



Figure A5-31
 Air Quality Spatial Profiles - June 2012
 Phase 1 RI Data Summary Report - Submittal No. 1
 Newtown Creek RI/FS

Non-detects plotted with open symbols at RL for PCBs and MDL for VOCs.
Mile point 0 = confluence of Newtown Creek and East River.
Vertical dashed lines represent mile points of the mouths of the indicated tributaries.
 NYSDEC data source: <http://www.dec.ny.gov/chemical/8538.html> during May, June, July of 2006-2011