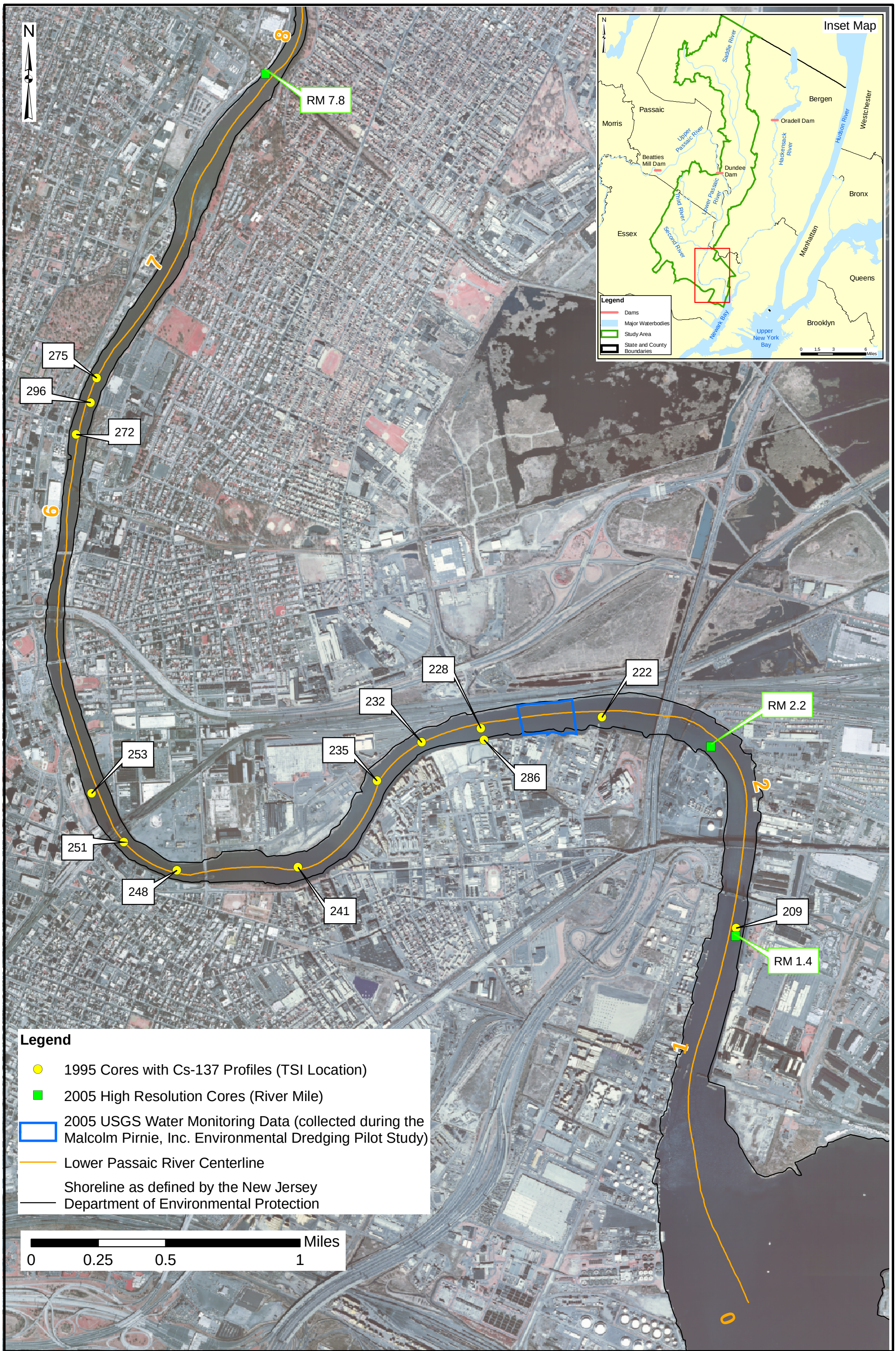
Agency Backcheck
Comprehensive Conceptual Site Model
Lower Passaic River Restoration Project

Chapter 13 Figures



US Army Corps of Engineers

Locations of Passaic River Samples Used In the Mass Balance Model

Lower Passaic River Restoration Project

Data Source: 2002 Aerial photographs from the New Jersey State data clearing house (http://njgin.state.nj.us).

Figure 13-1a

2009

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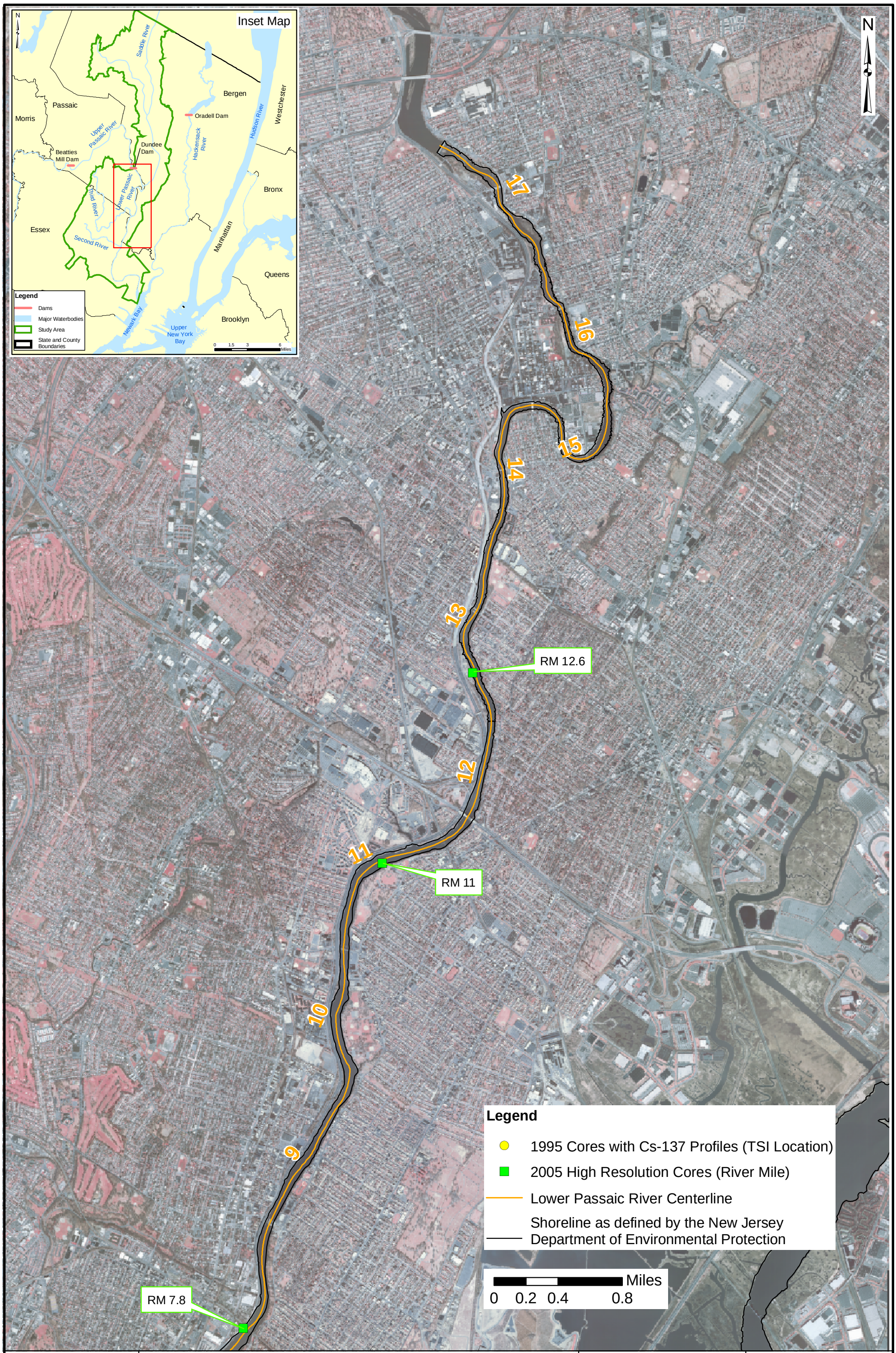

US Army Corps of Engineers

Locations of Passaic River Samples Used In the Mass Balance Model

Lower Passaic River Restoration Project

Data Source: 2002 Aerial photographs from the New Jersey State data clearing house (http://njgin.state.nj.us).

Figure 13-1b

2009

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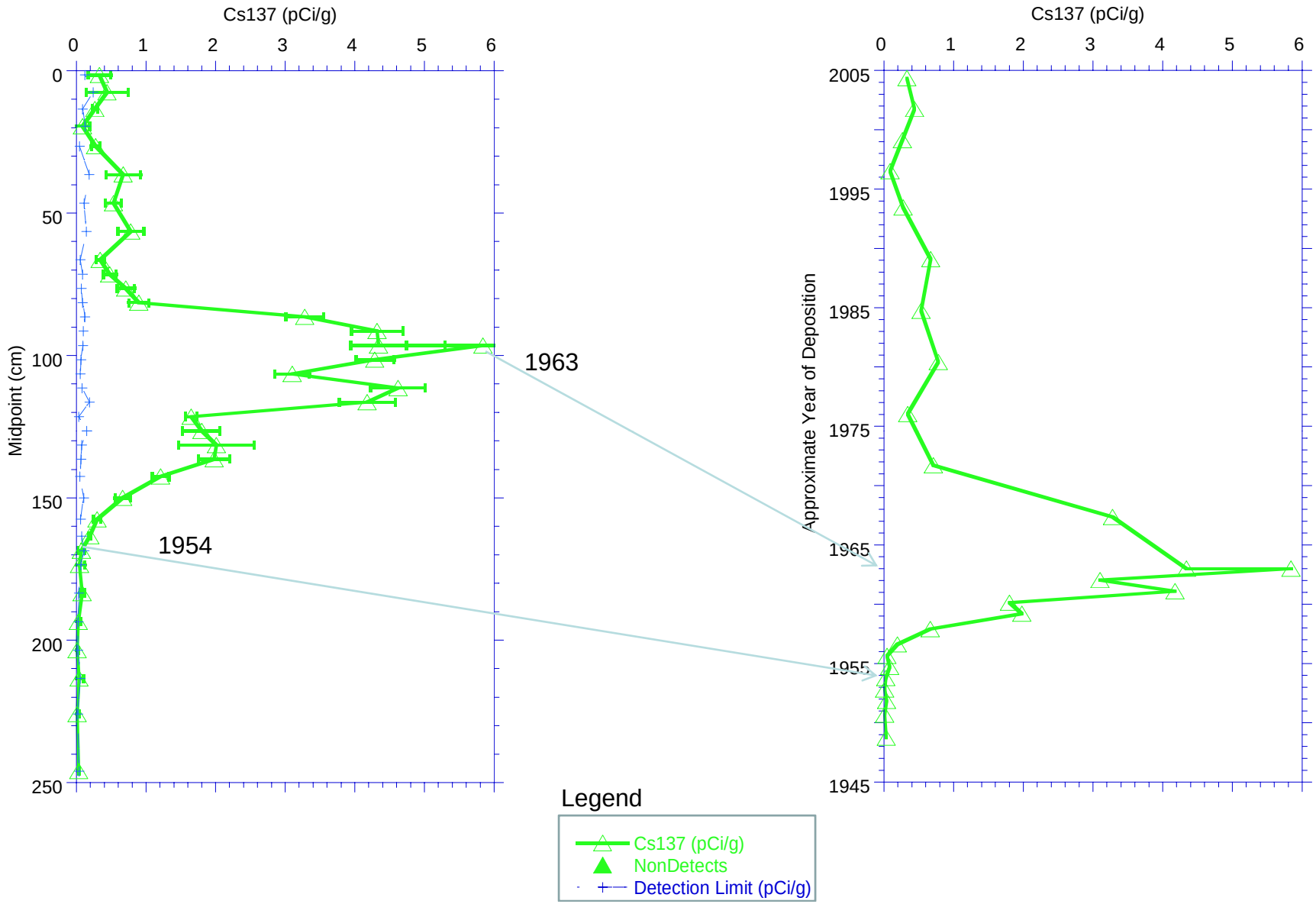
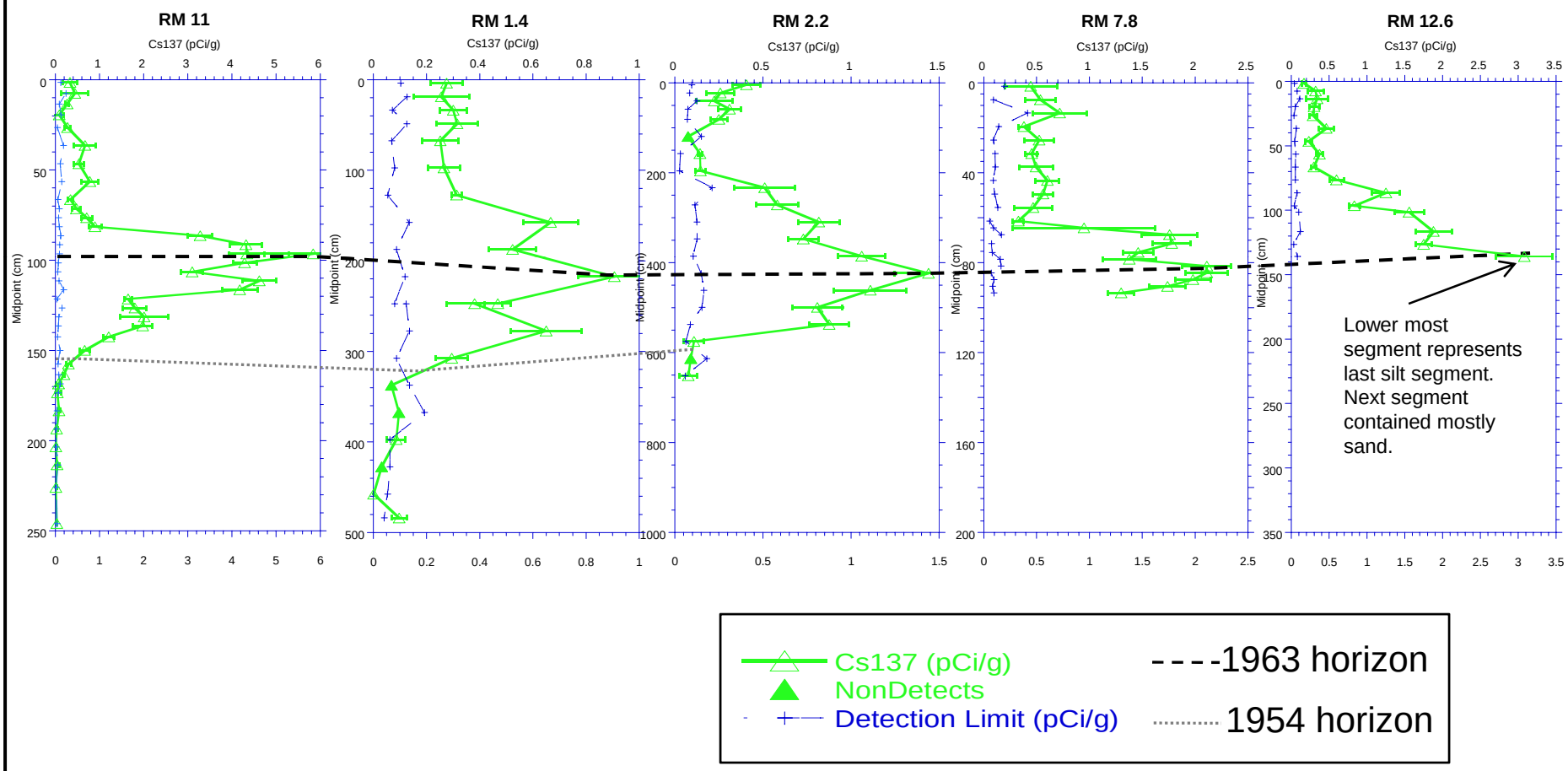


Core at RM 11
Cesium-137 Dating

Lower Passaic River Restoration Project

Figure 13-2

2009

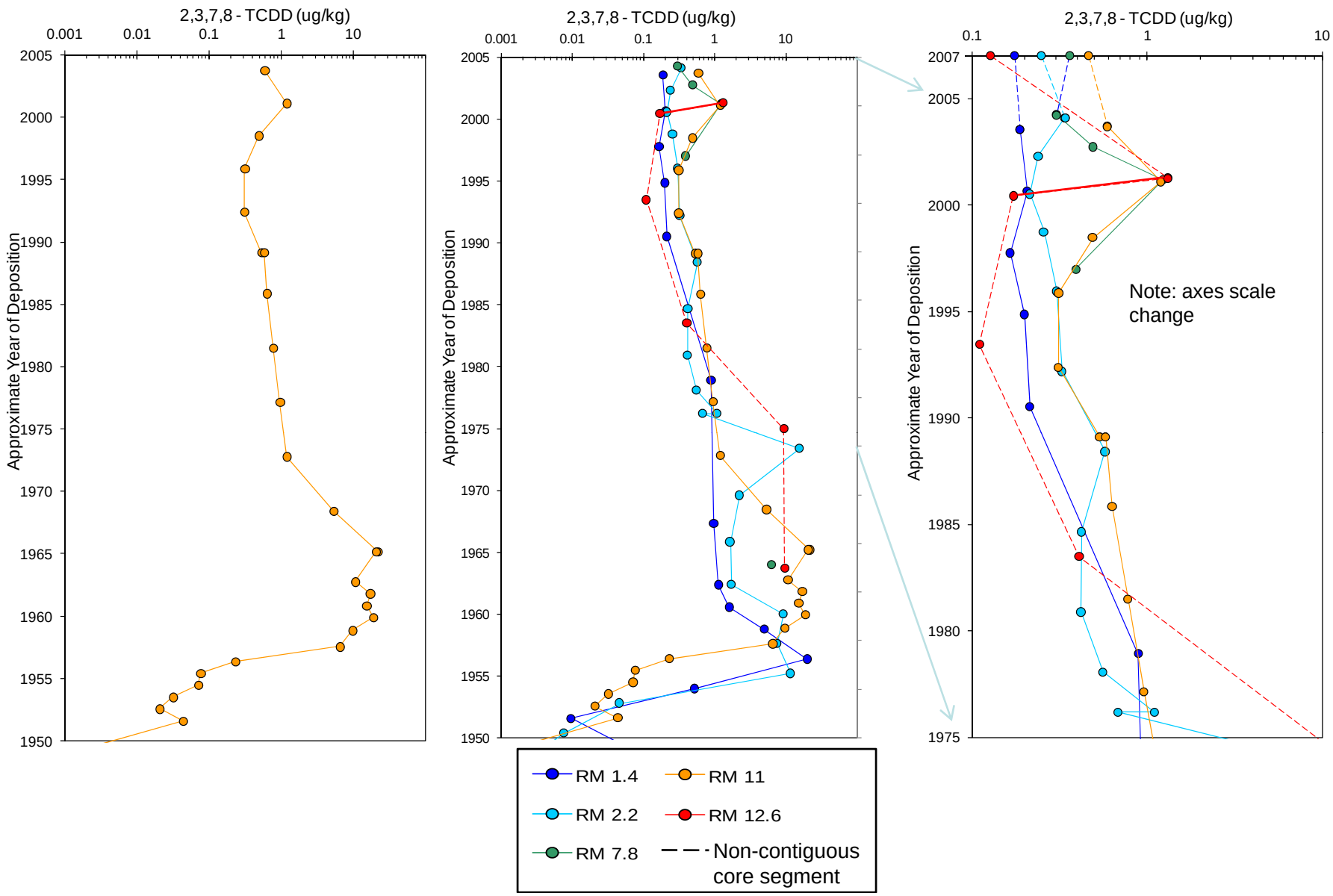


Cs-137 Downcore Profiles for 2005 High Resolution Cores

Lower Passaic River Restoration Project

Figure 13-3

2009

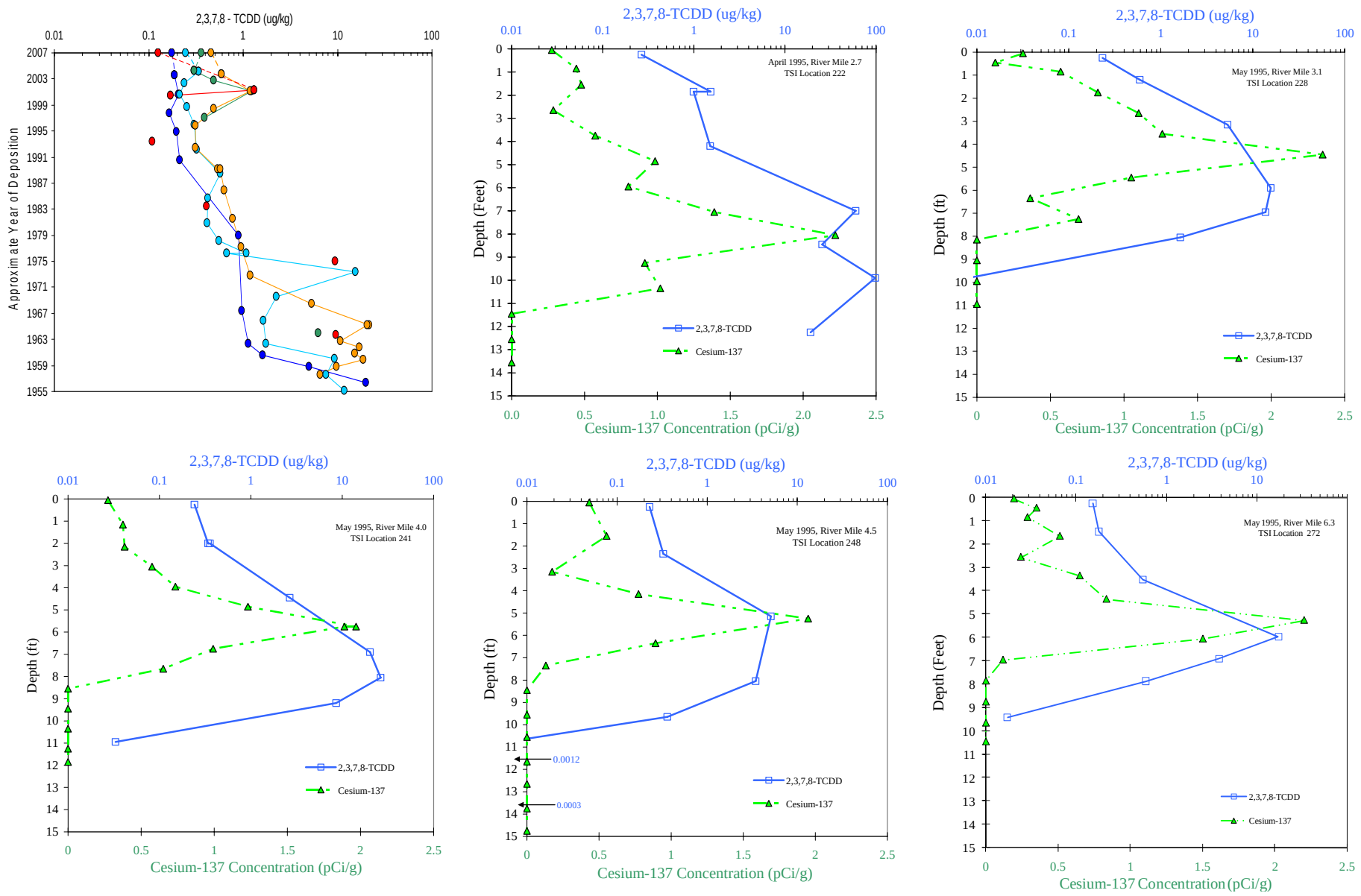


Dated Sediment Core Profile for 2,3,7,8-TCDD of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-4

2009

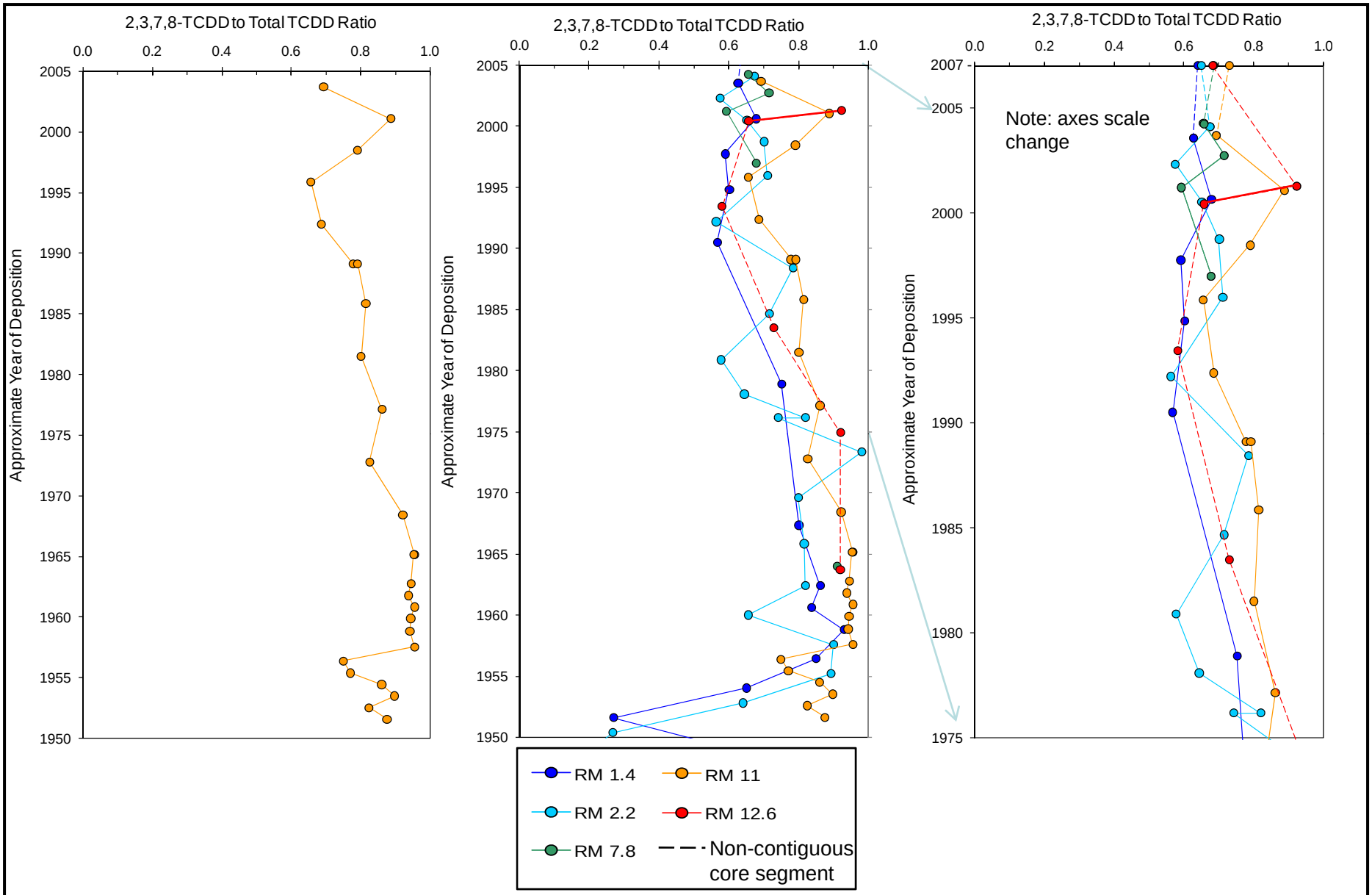


2,3,7,8-TCDD Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-5

2009

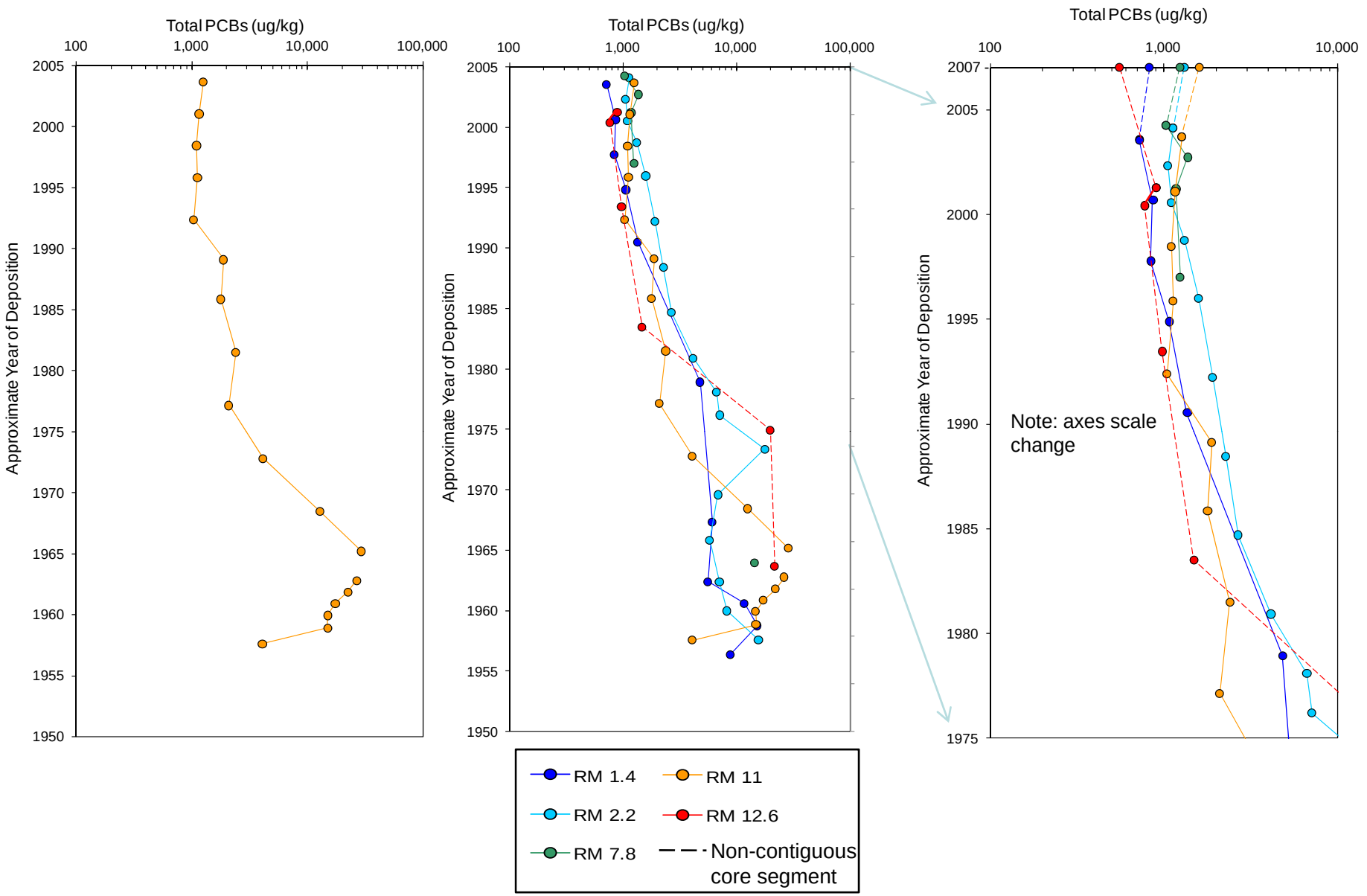


Dated Sediment Core Profile for 2,3,7,8-TCDD to Total TCDD Ratio of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-6

2009

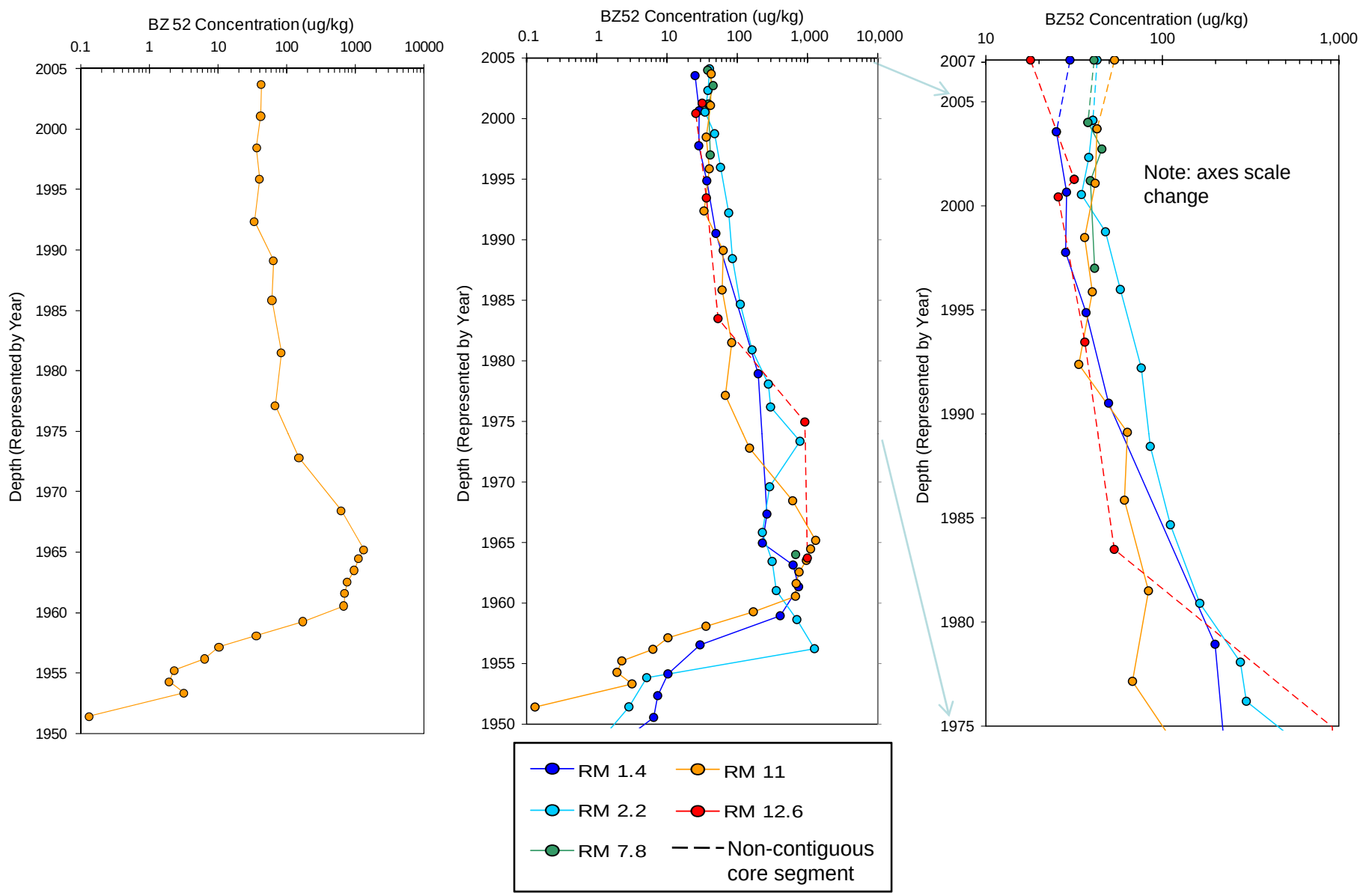


Dated Sediment Core Profile for Total PCBs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7a

2009

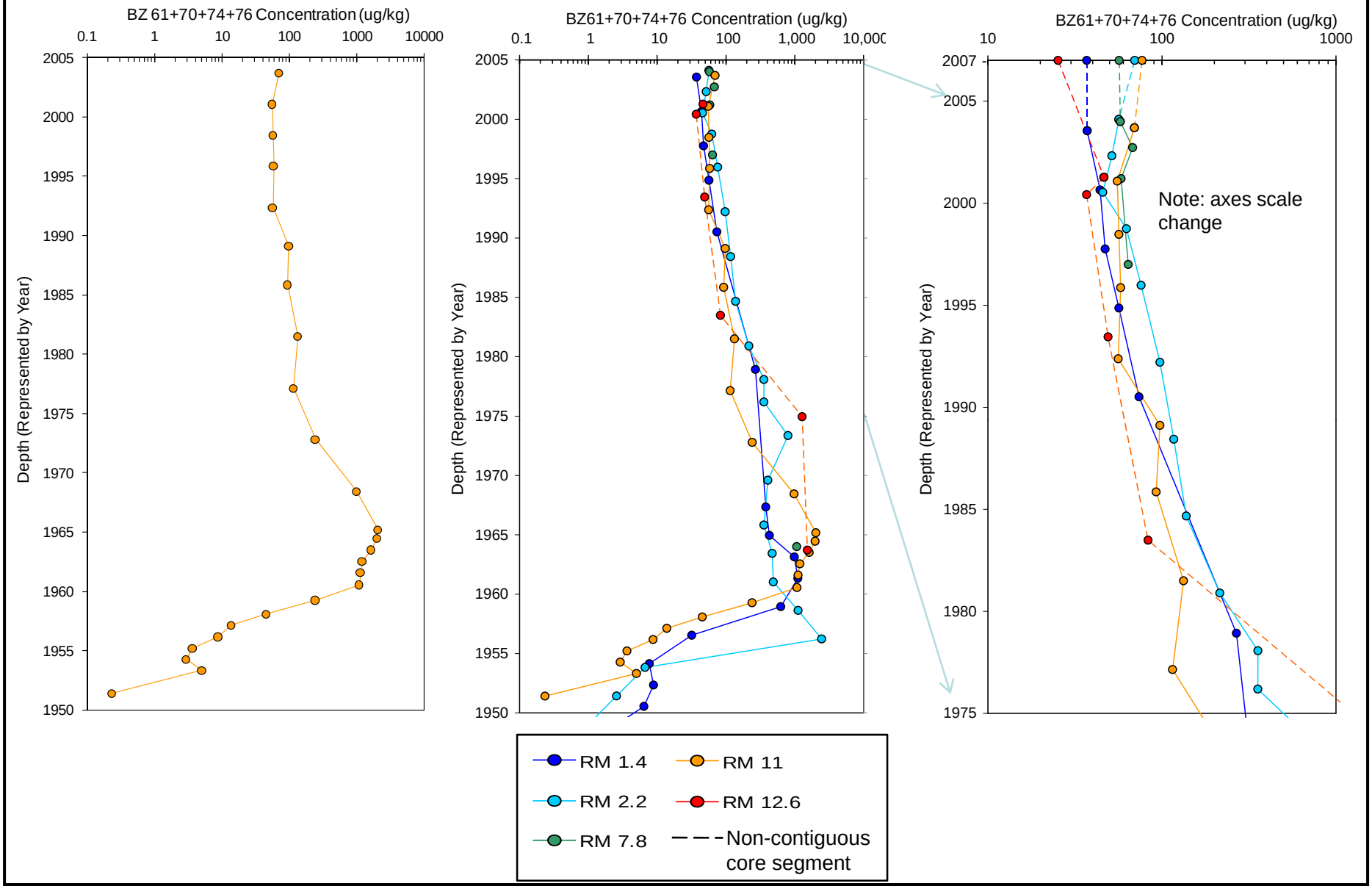


Dated Sediment Core Profile for BZ52 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7b

2009

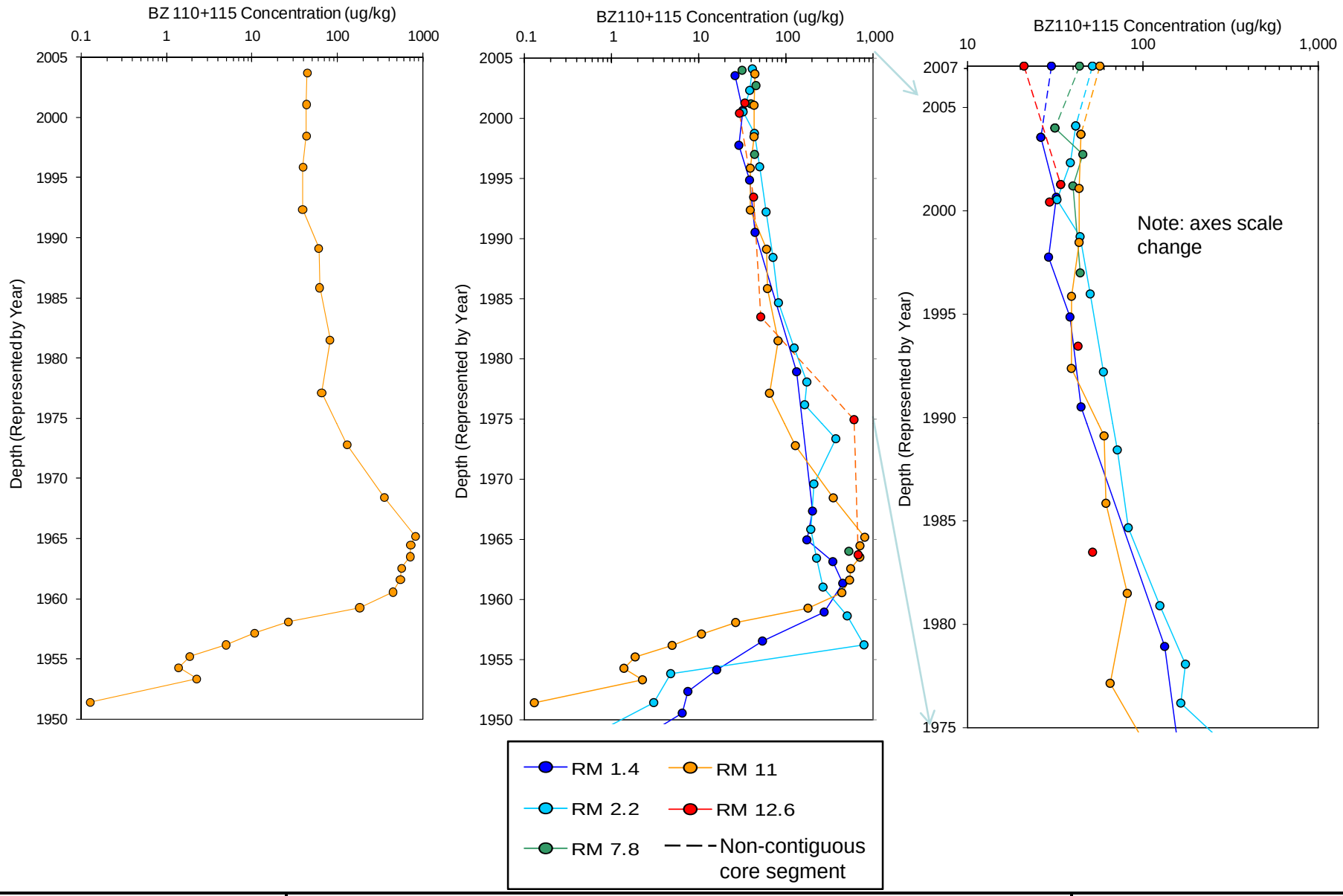


Dated Sediment Core Profile for BZ61+70+74+76 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7c

2009

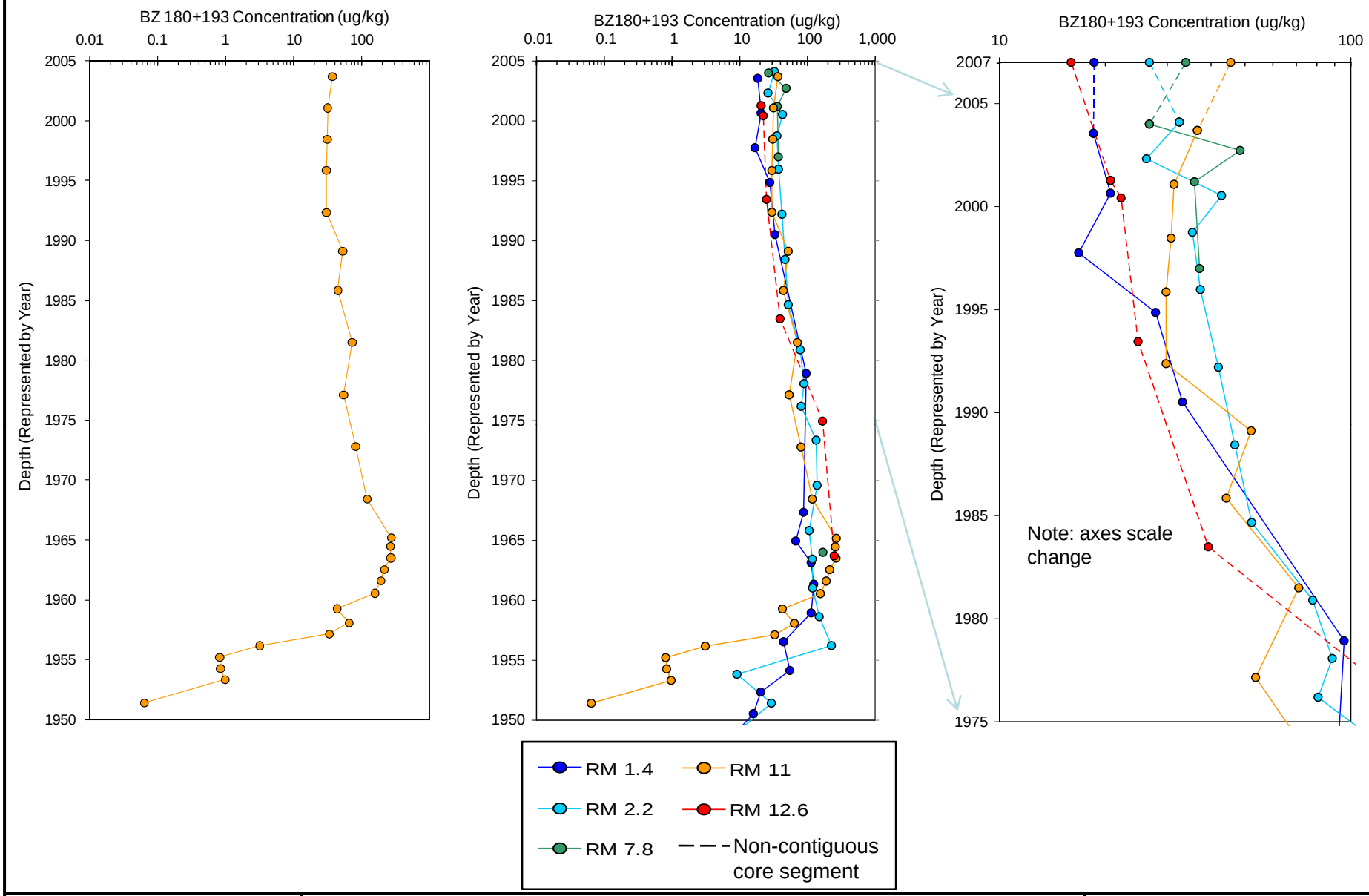


Dated Sediment Core Profile for BZ110+115 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7d

2009

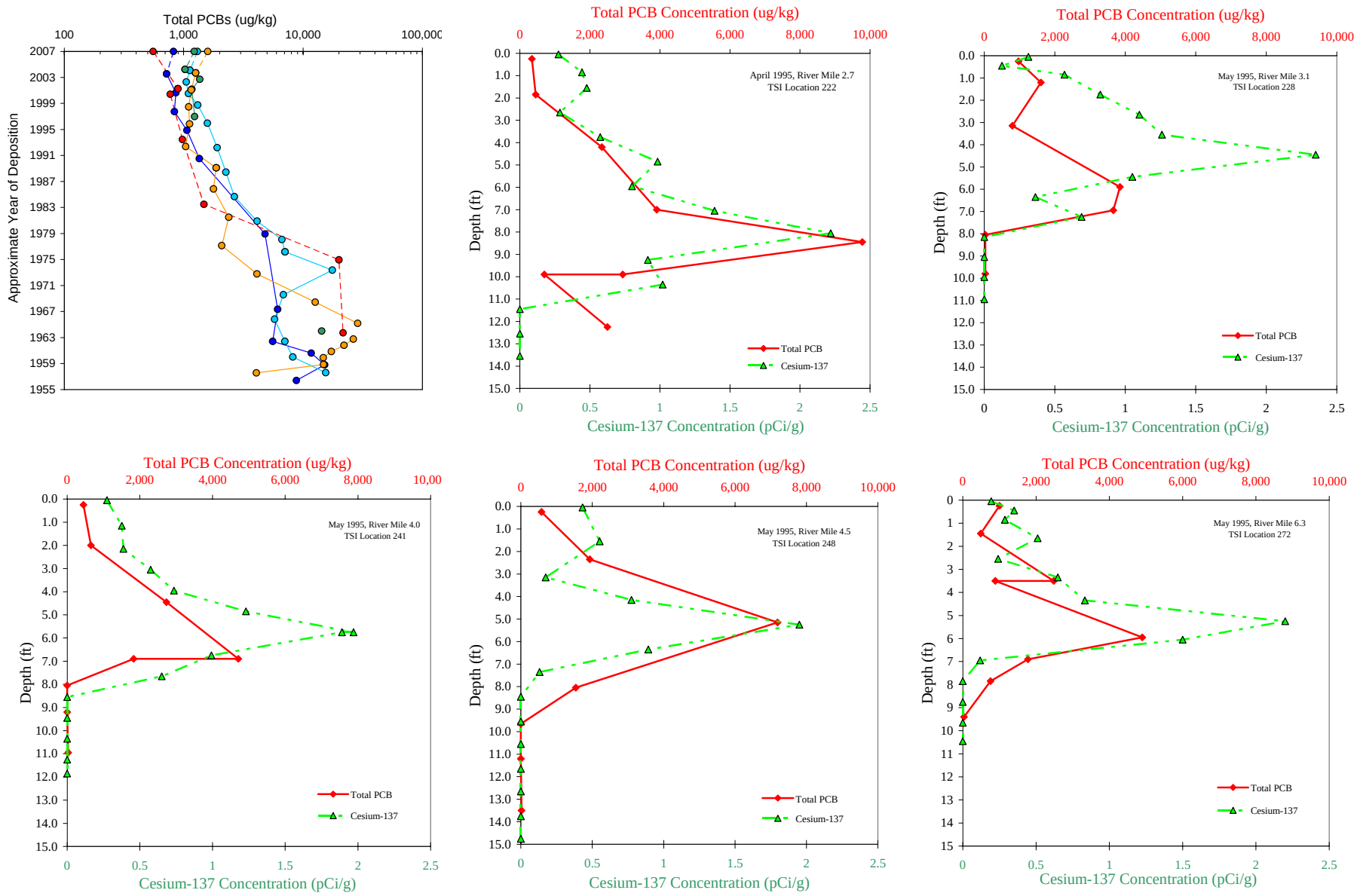


Dated Sediment Core Profile for BZ180+193 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7e

2009

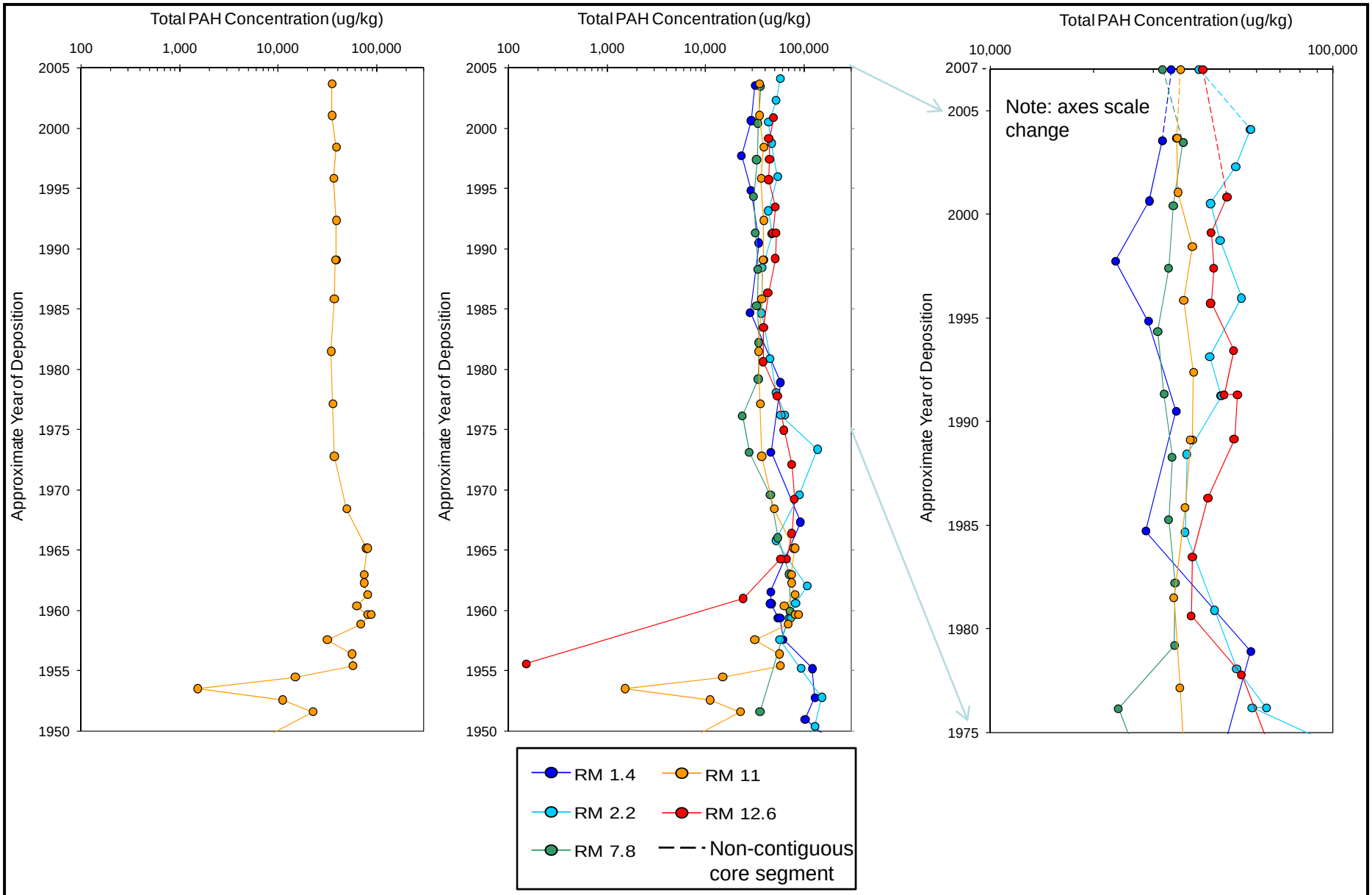


Total PCB Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-8

2009

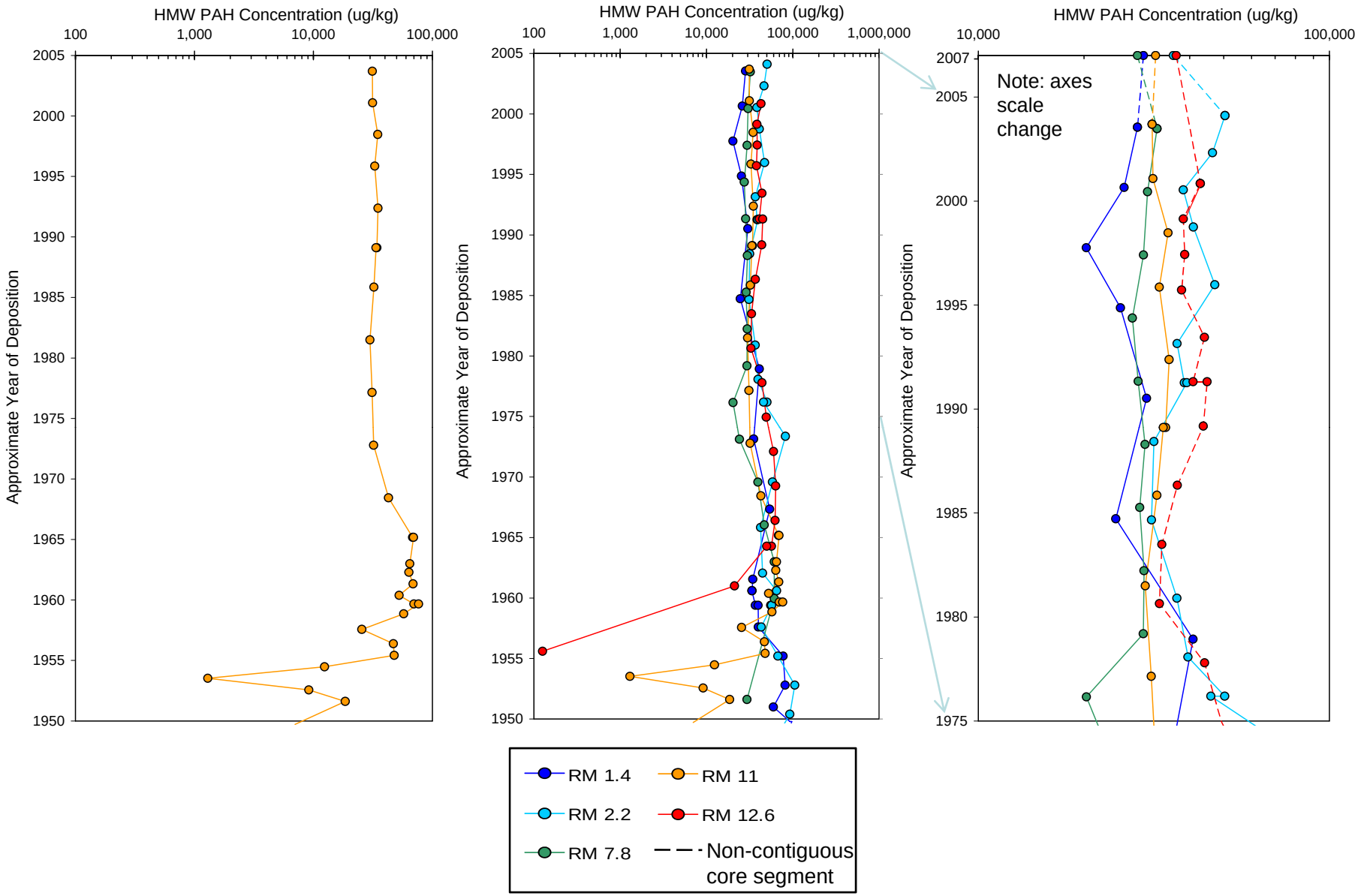


Dated Sediment Core Profile for Total PAHs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9a

2009

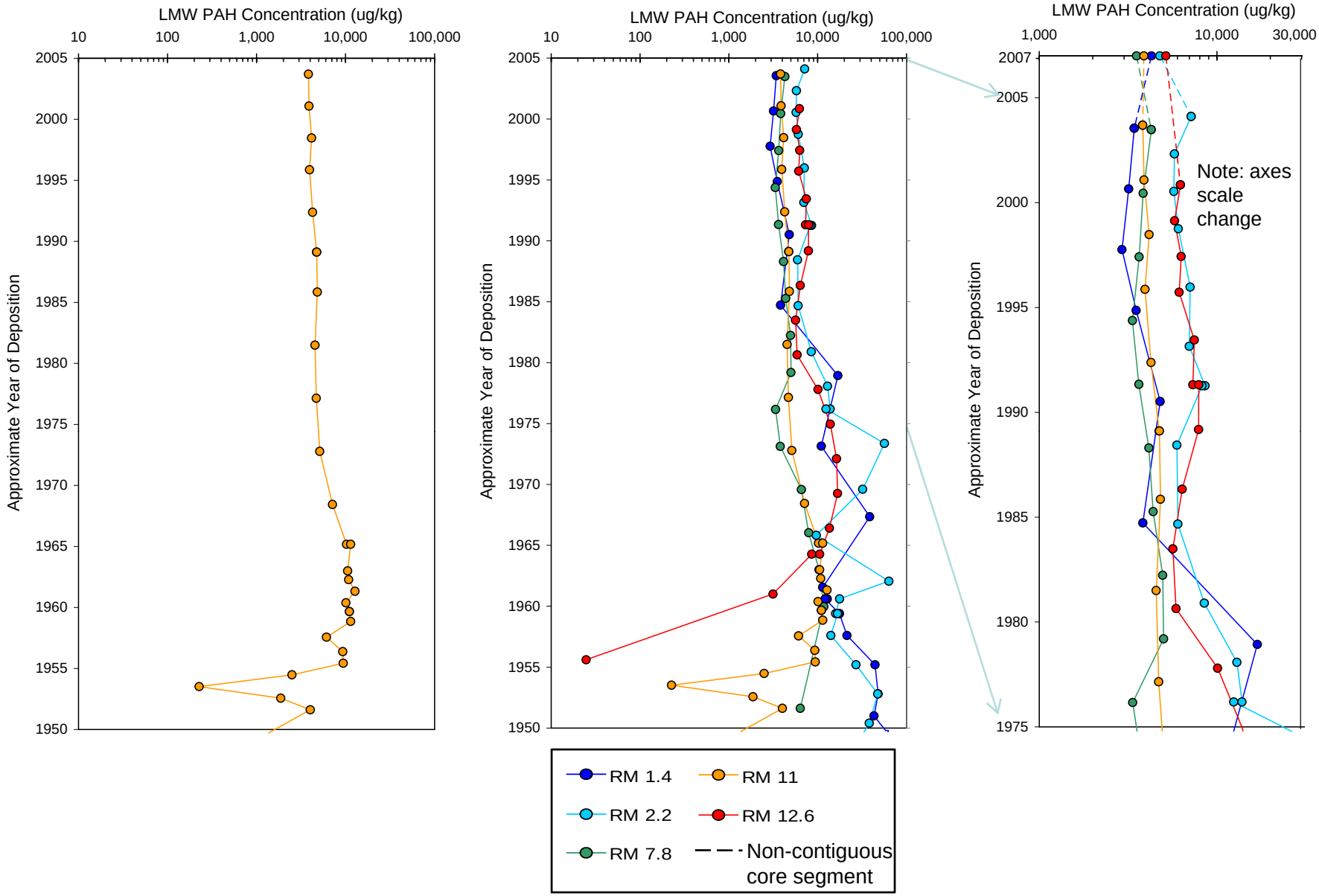


Dated Sediment Core Profile for High Molecular Weight PAHs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9b

2009

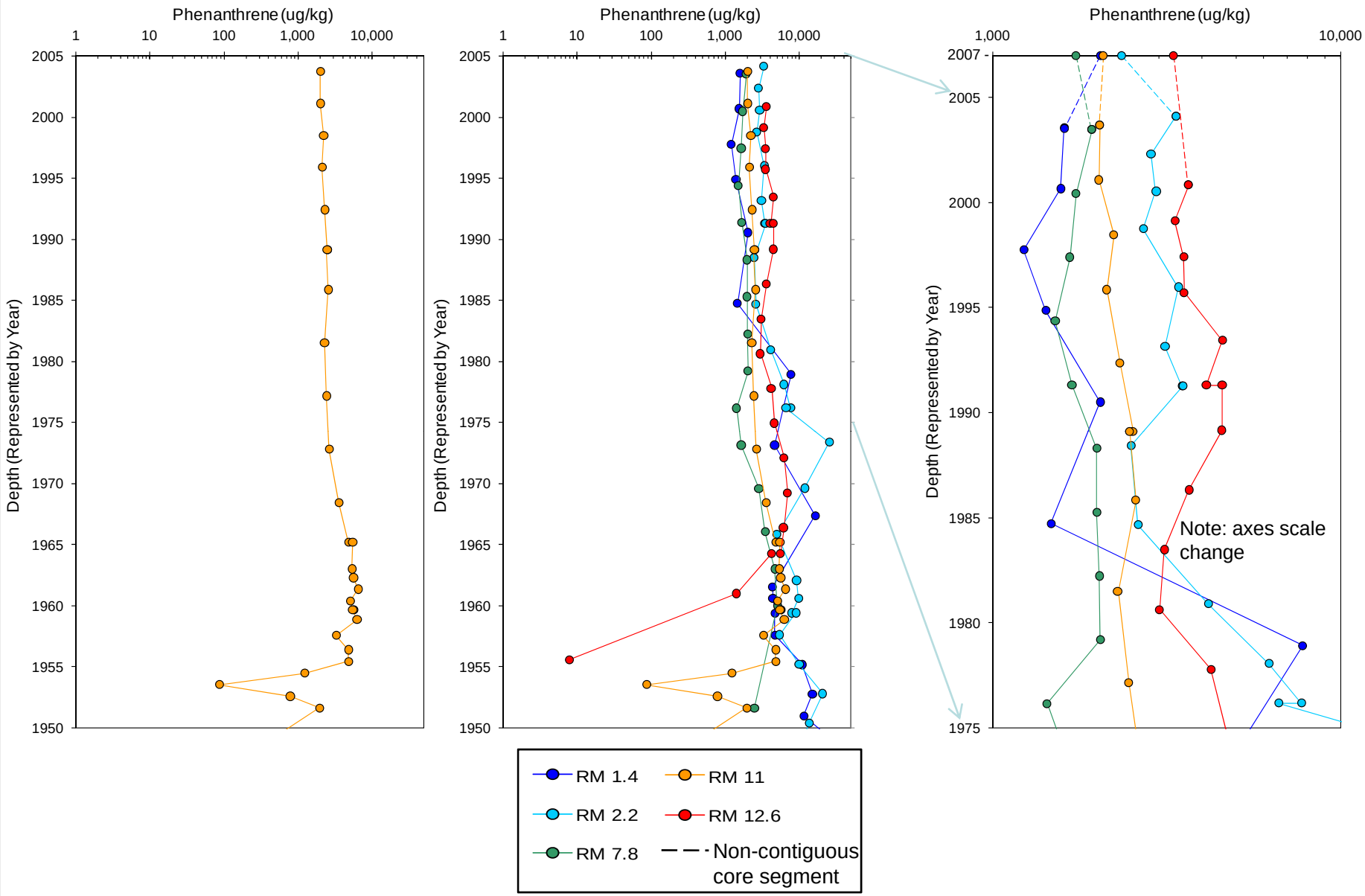


Dated Sediment Core Profile for Low Molecular Weight PAHs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9c

2009

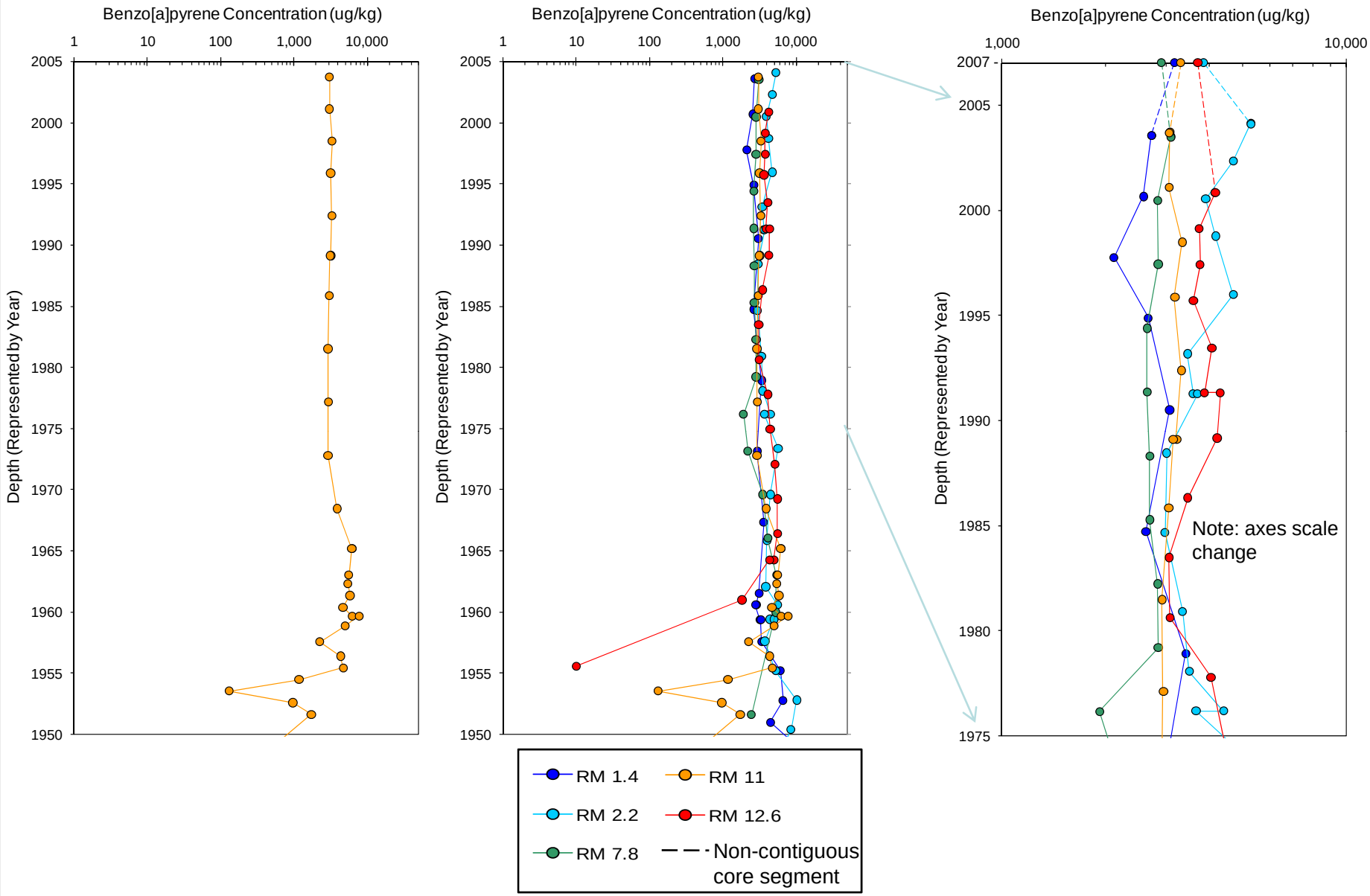


Dated Sediment Core Profile for Phenanthrene of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9d

2009

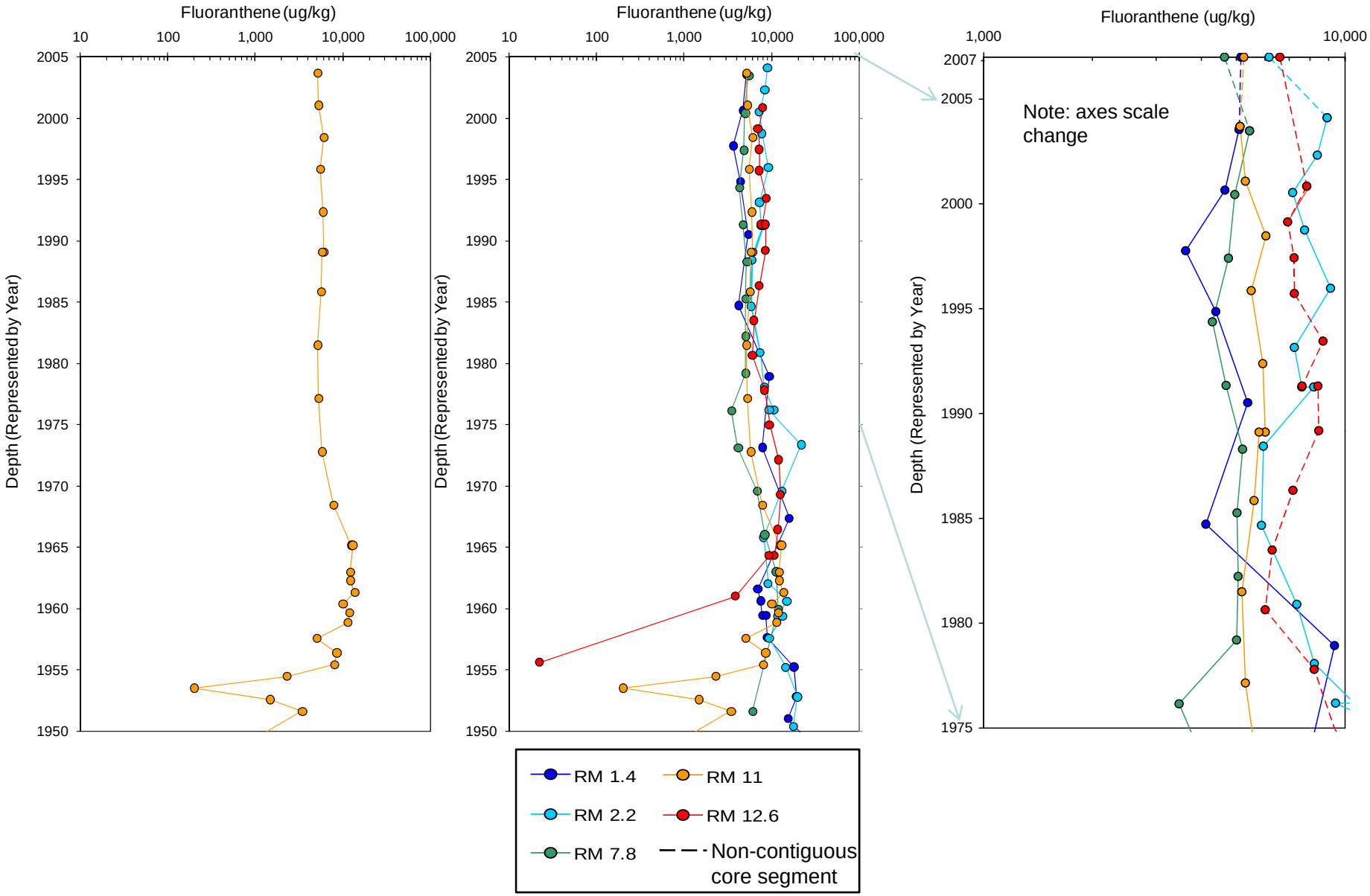


Dated Sediment Core Profile for Benzo[a]pyrene of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9e

2009

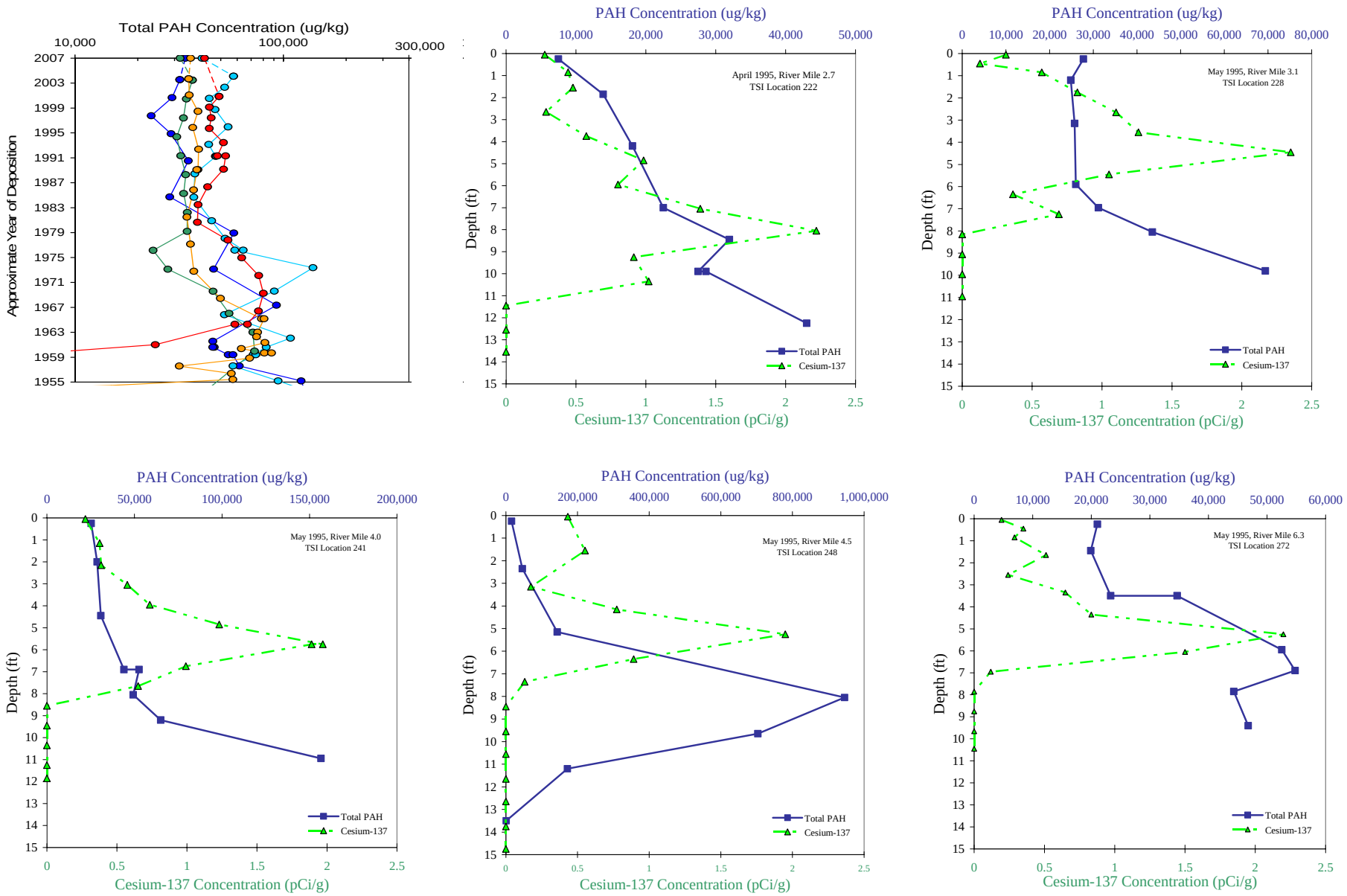


Dated Sediment Core Profile for Fluoranthene of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9f

2009

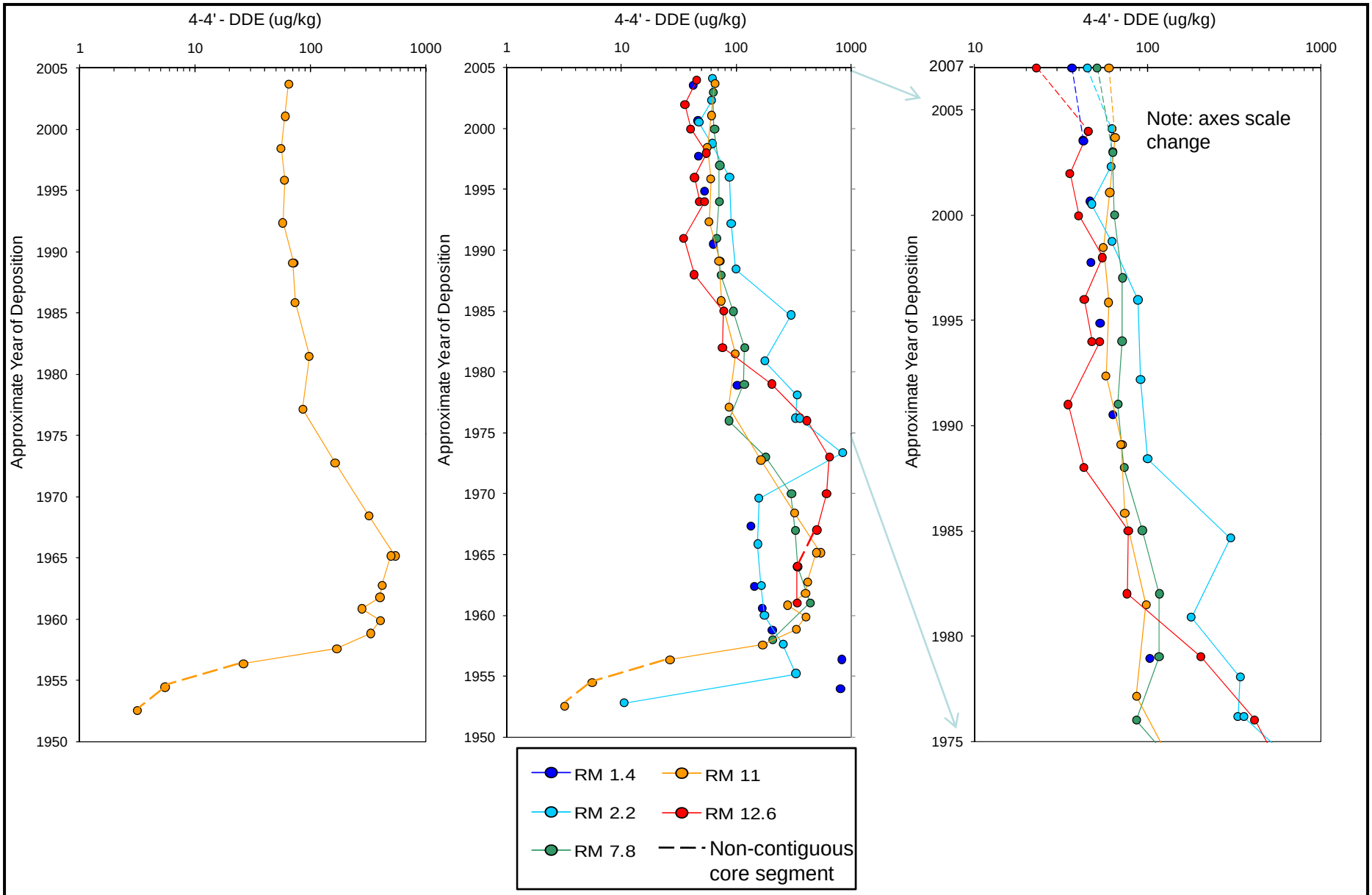


PAHs Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-10

2009

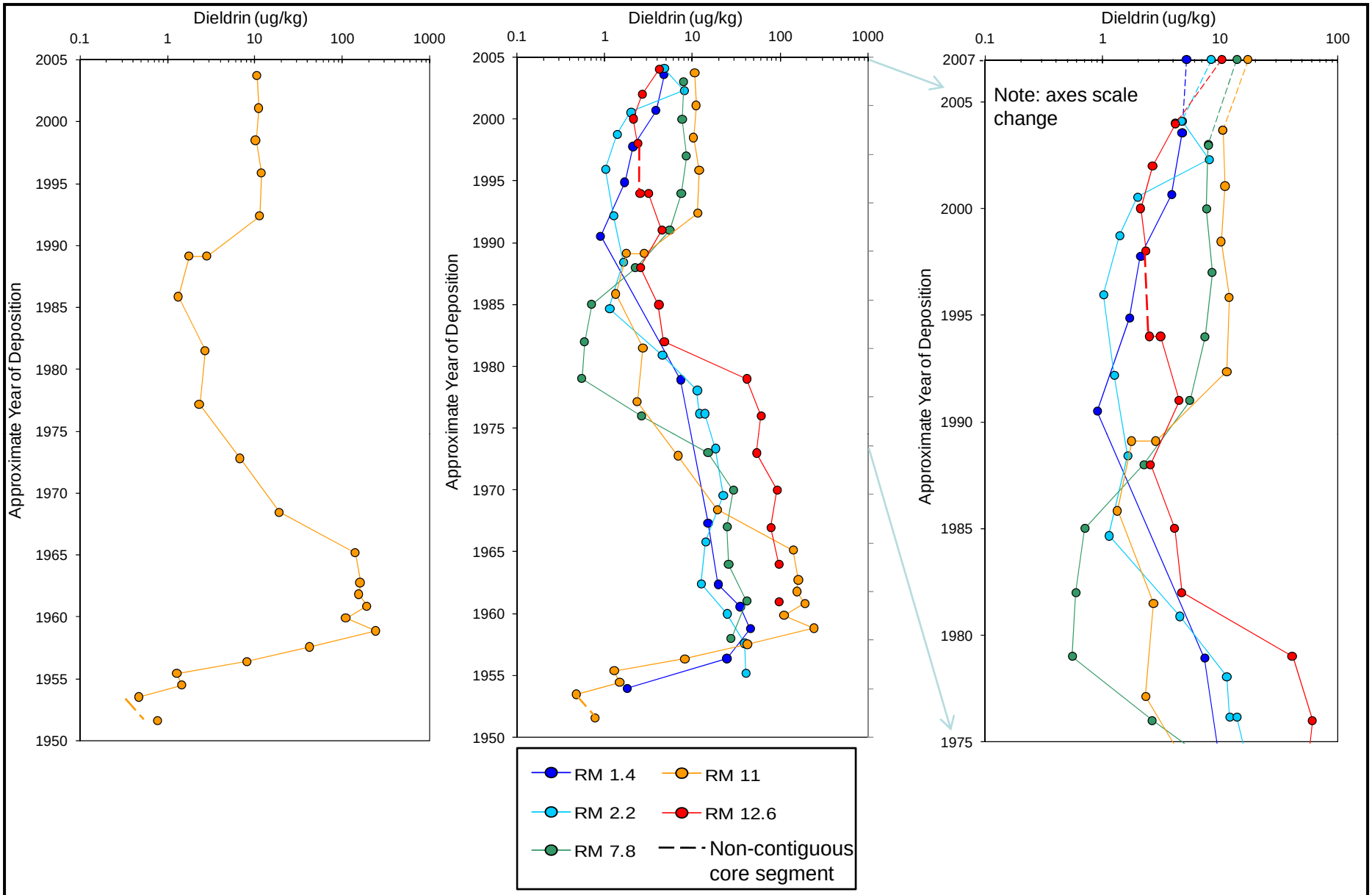


Dated Sediment Core Profile for 4,4'-DDE of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-11a

2009

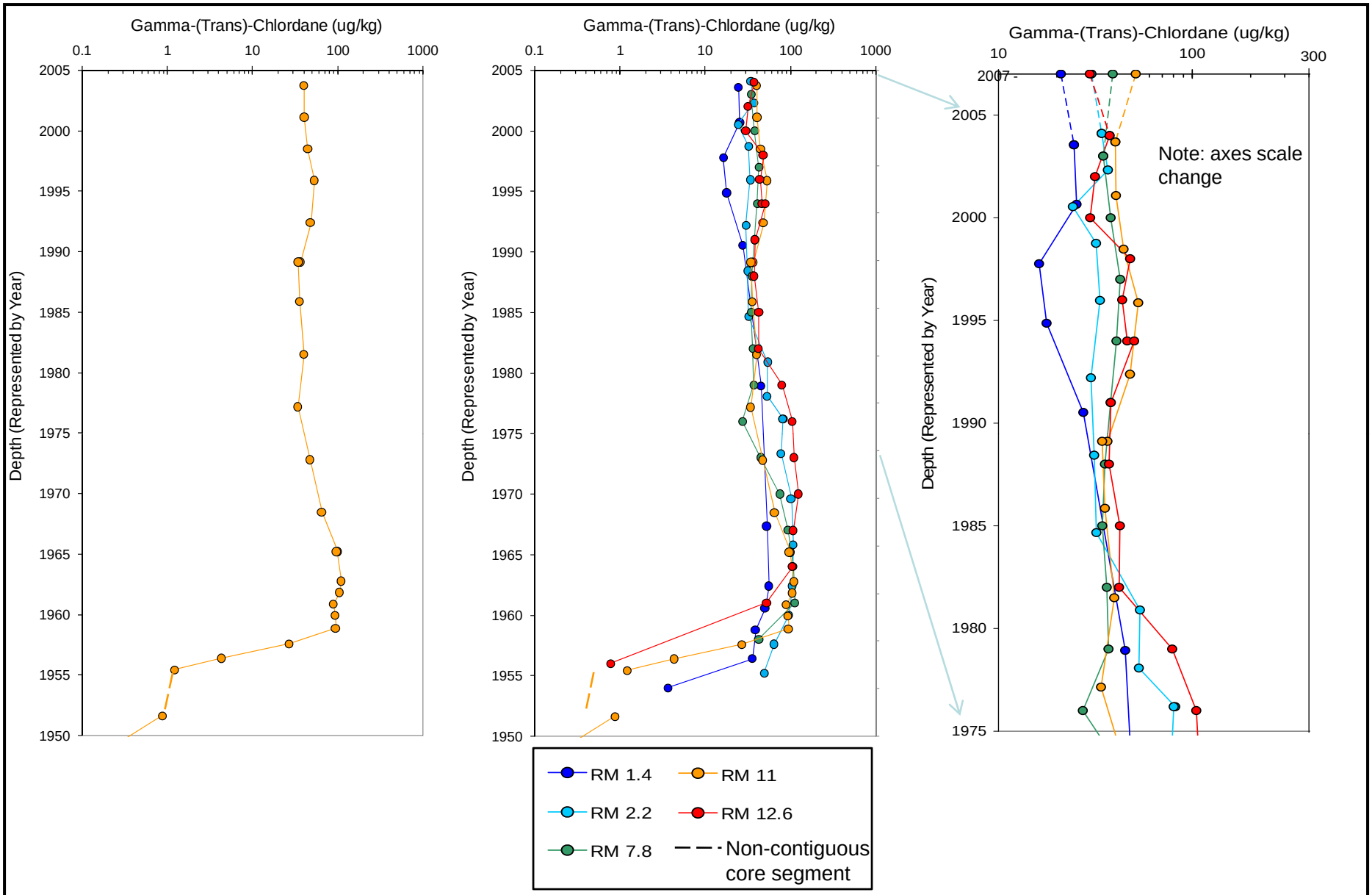


Dated Sediment Core Profile for Dieldrin of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-11b

2009

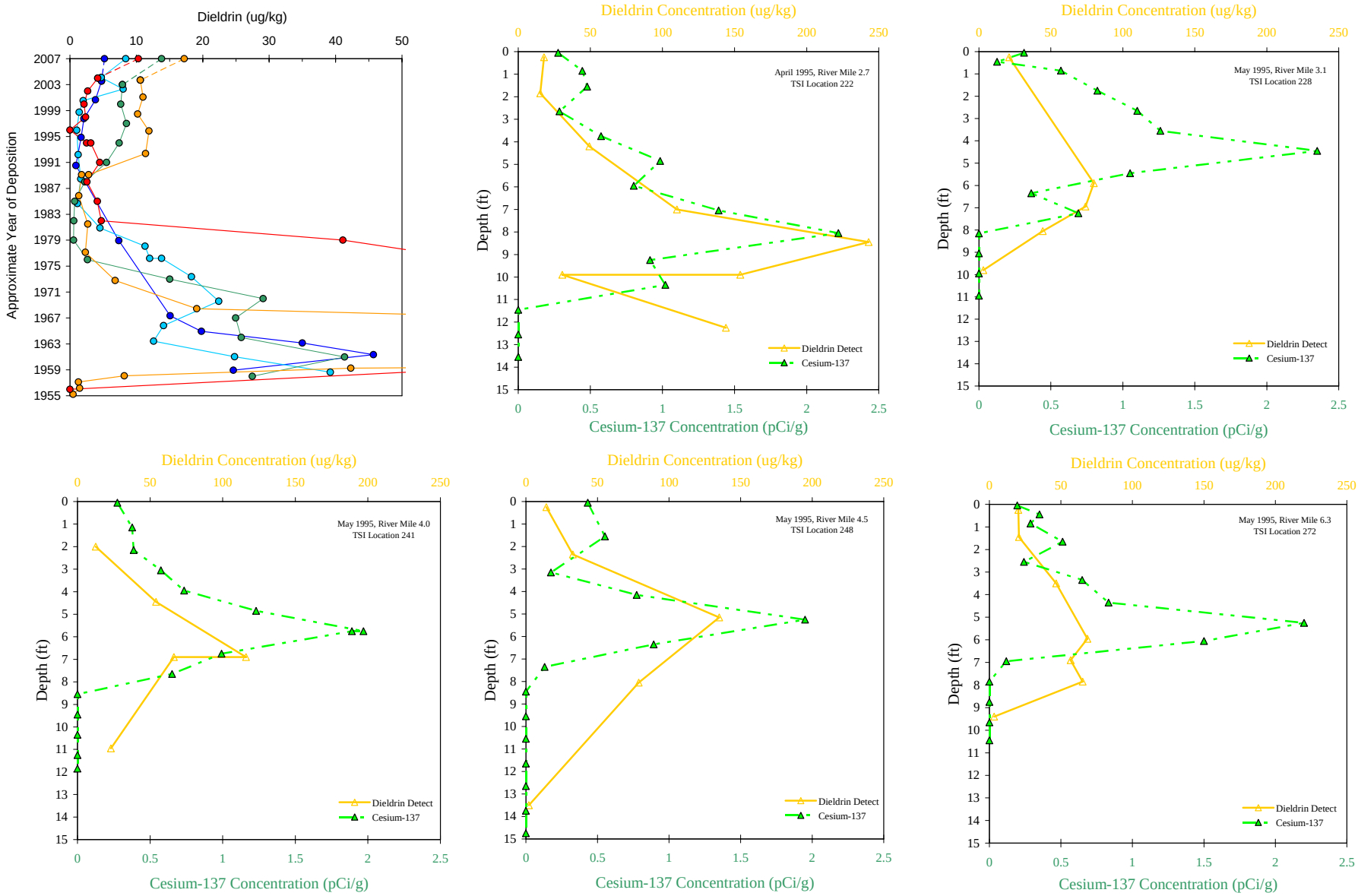


Dated Sediment Core Profile for Chlordane (gamma, trans) of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-11c

2009

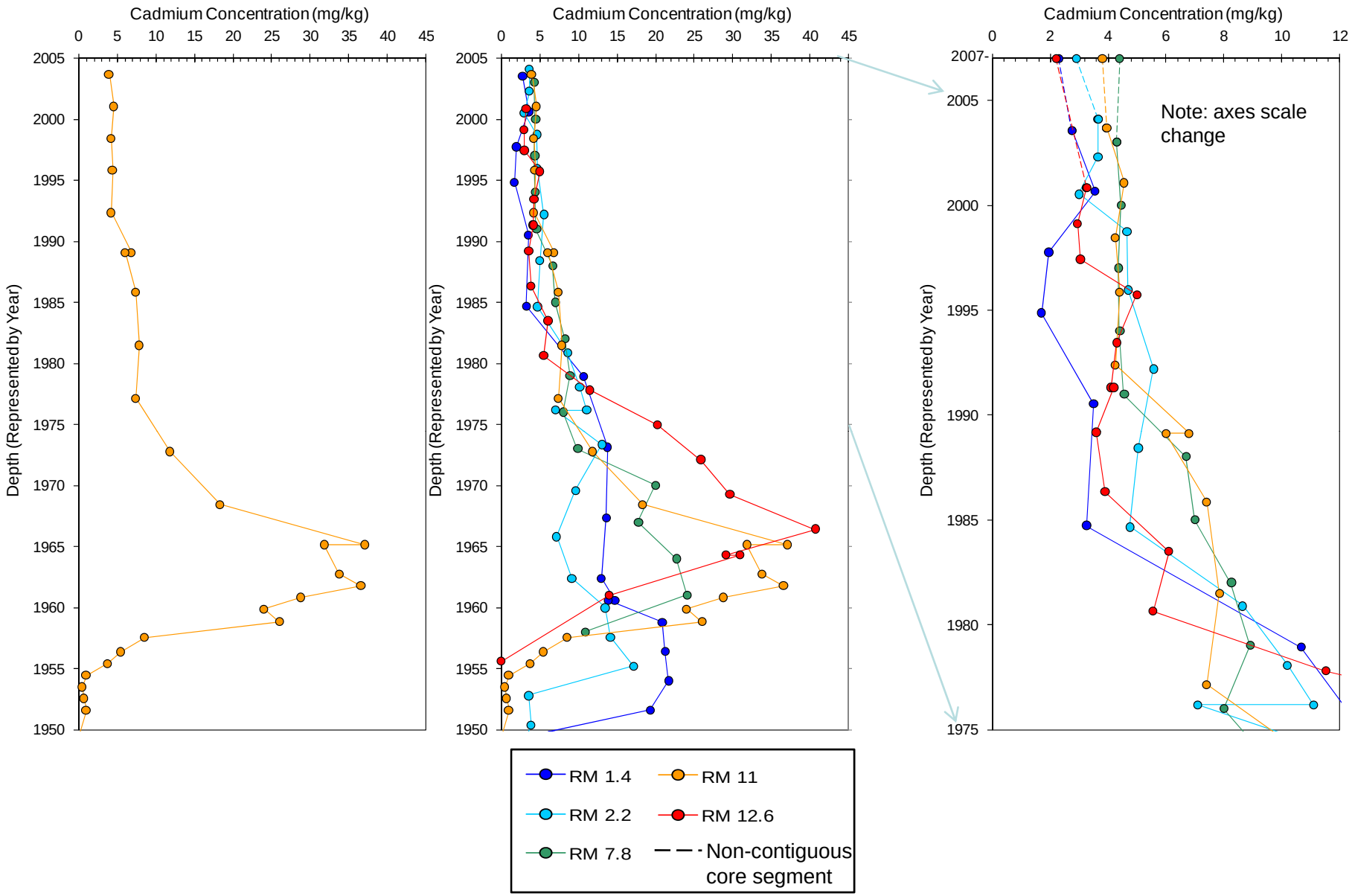


Dieldrin Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-12

2009

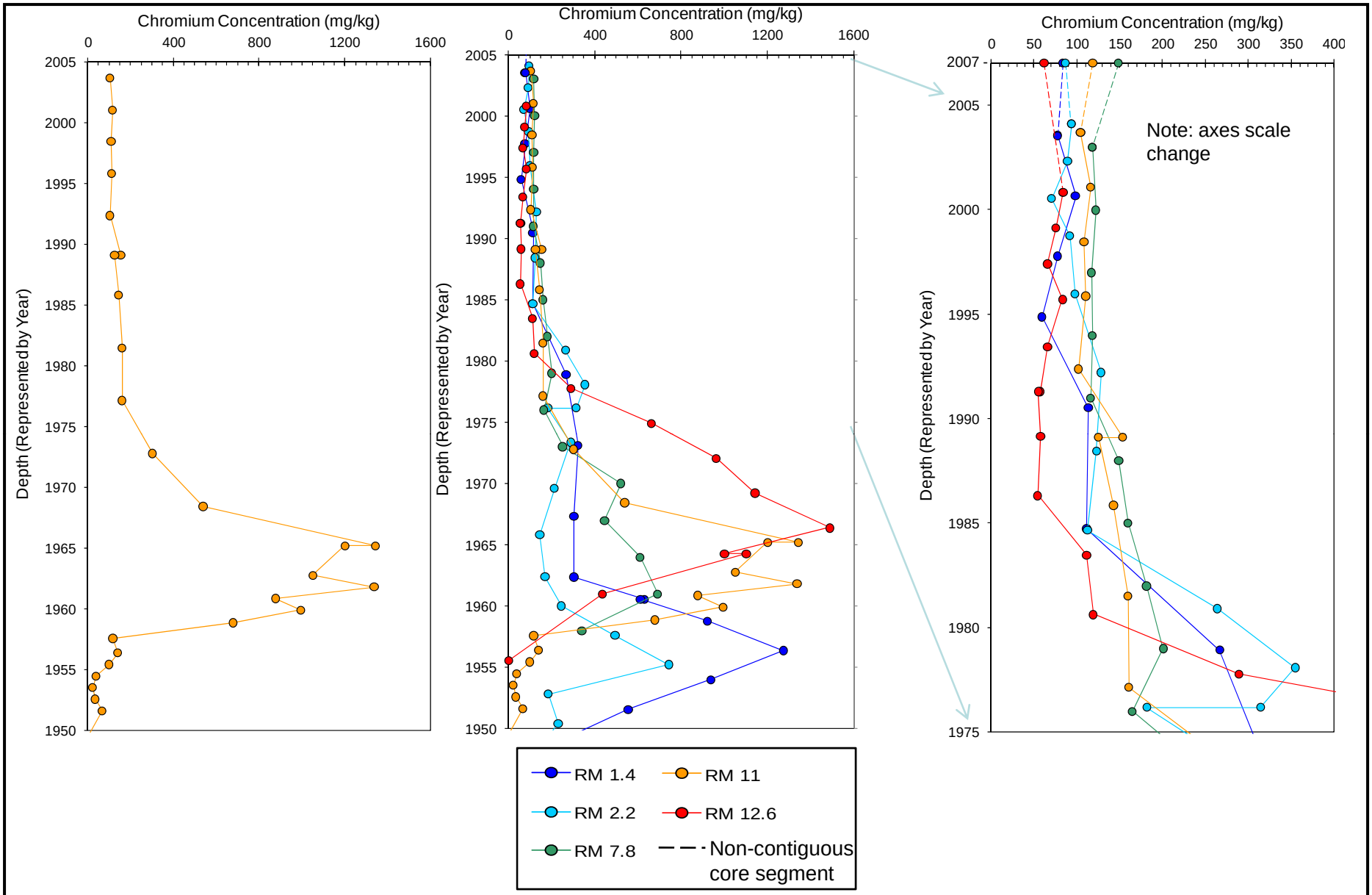


Dated Sediment Core Profile for Cadmium of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13a

2009

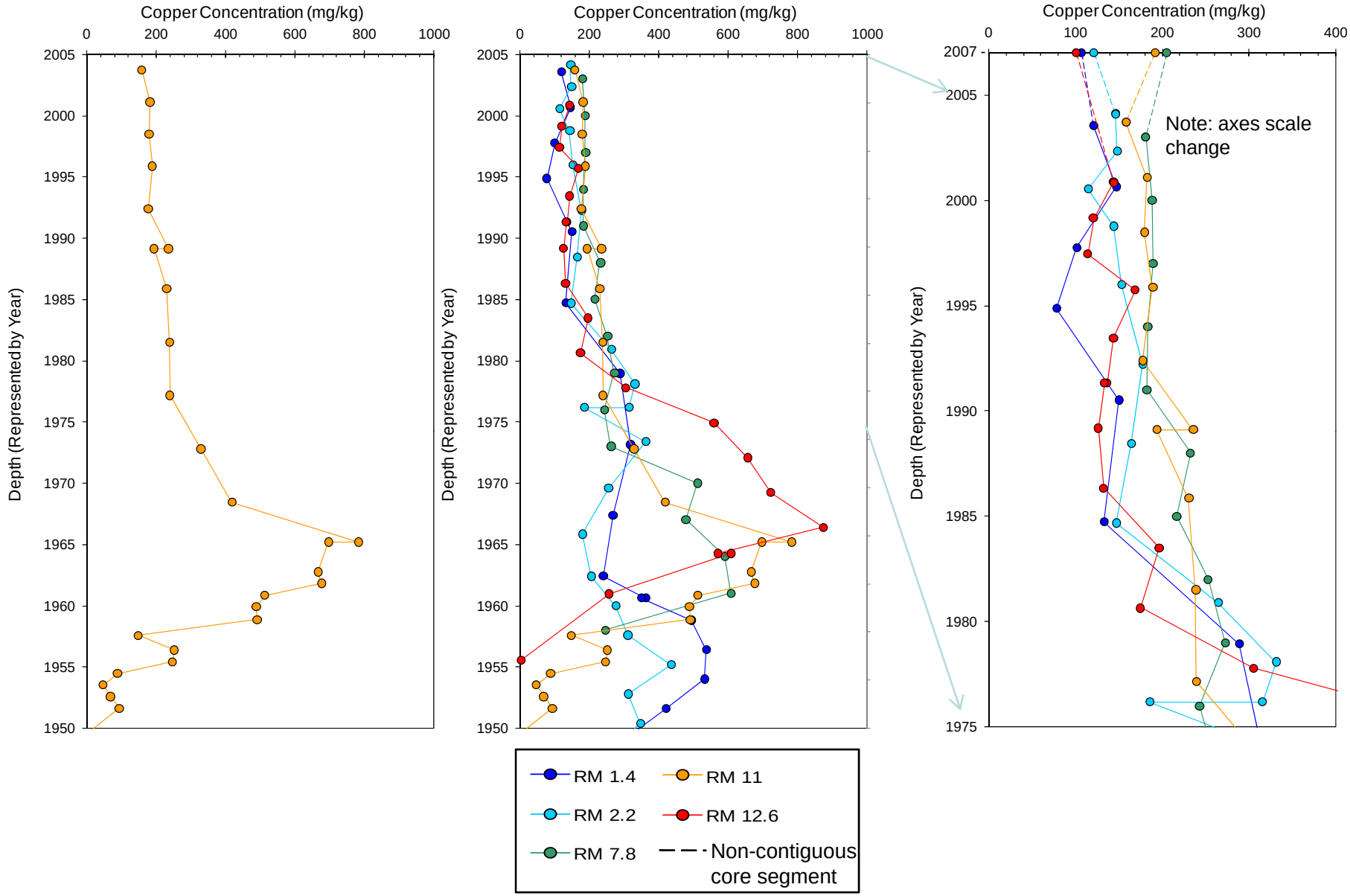


Dated Sediment Core Profile for Chromium of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13b

2009

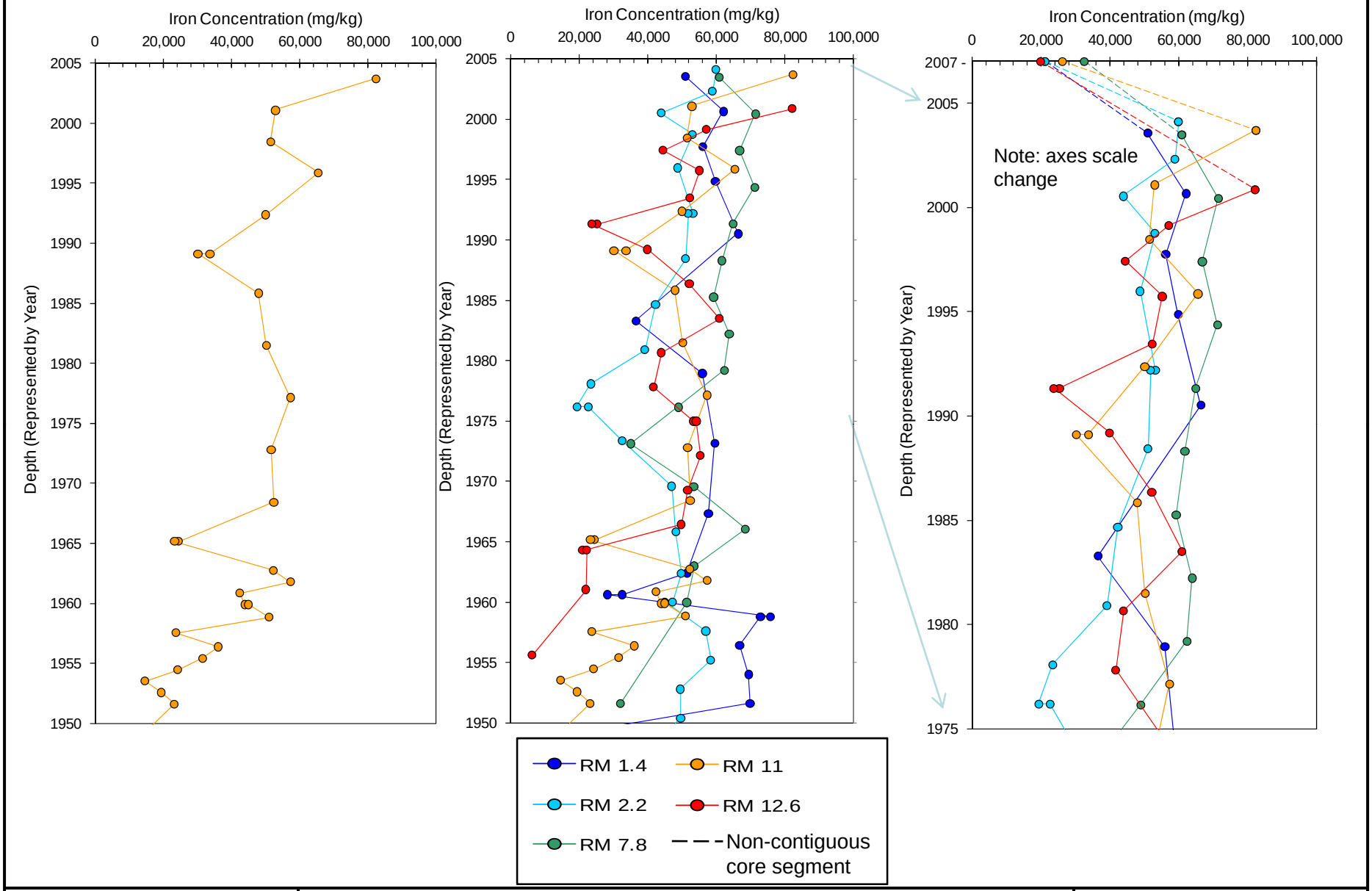


Dated Sediment Core Profile for Copper of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13c

2009



Dated Sediment Core Profile for Iron of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13d

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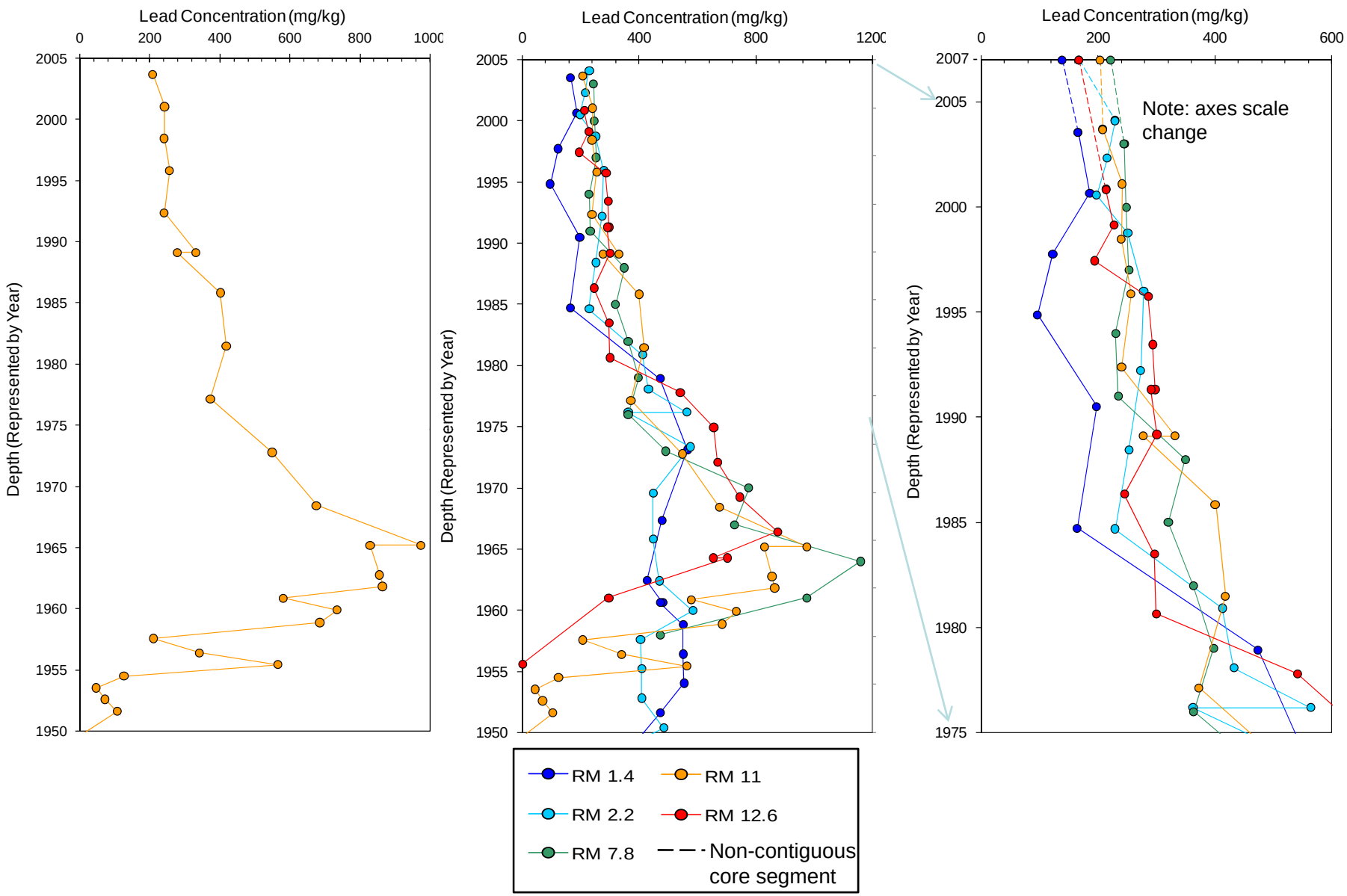

Dated Sediment Core Profile for Lead of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13e

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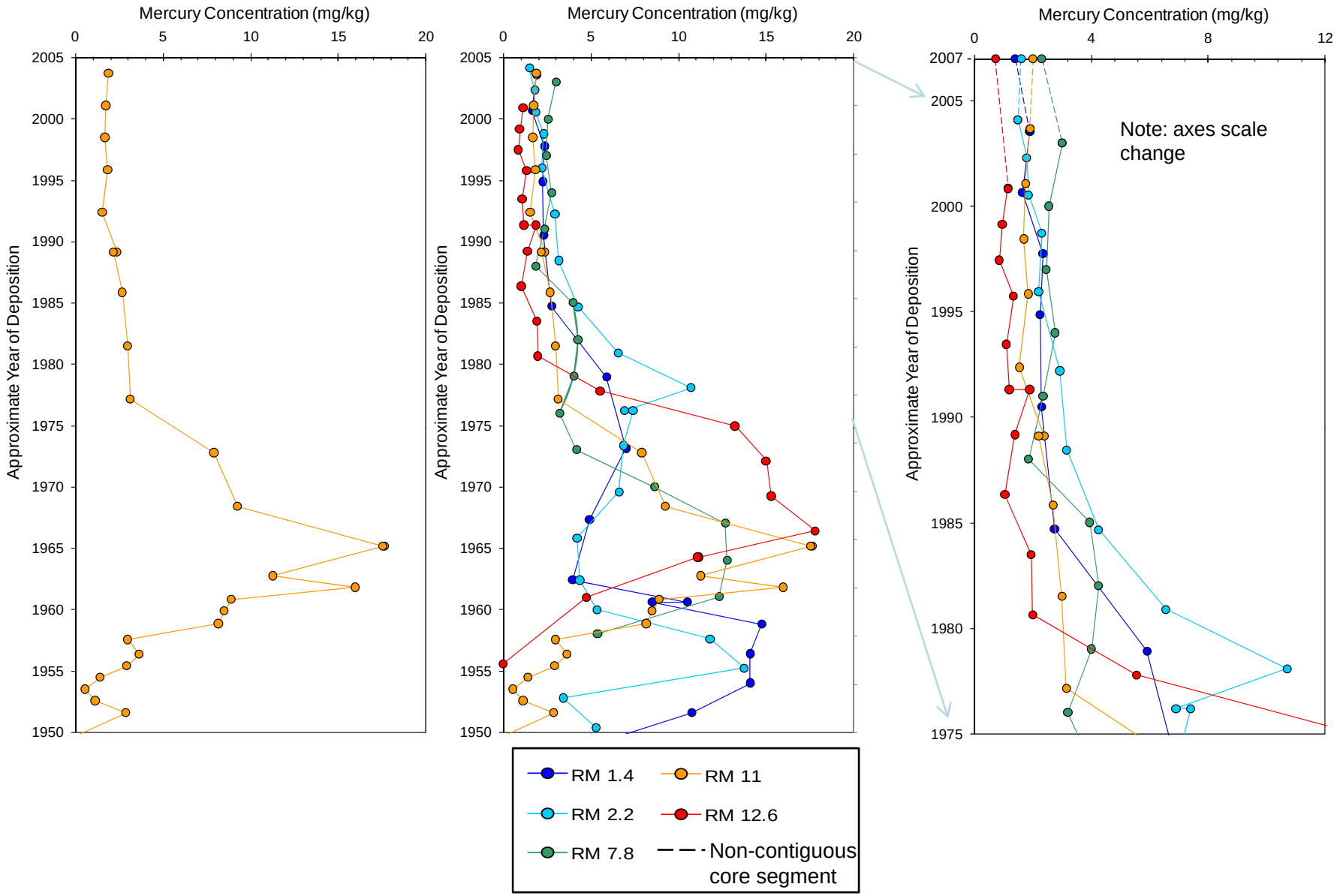

Dated Sediment Core Profile for Mercury of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13f

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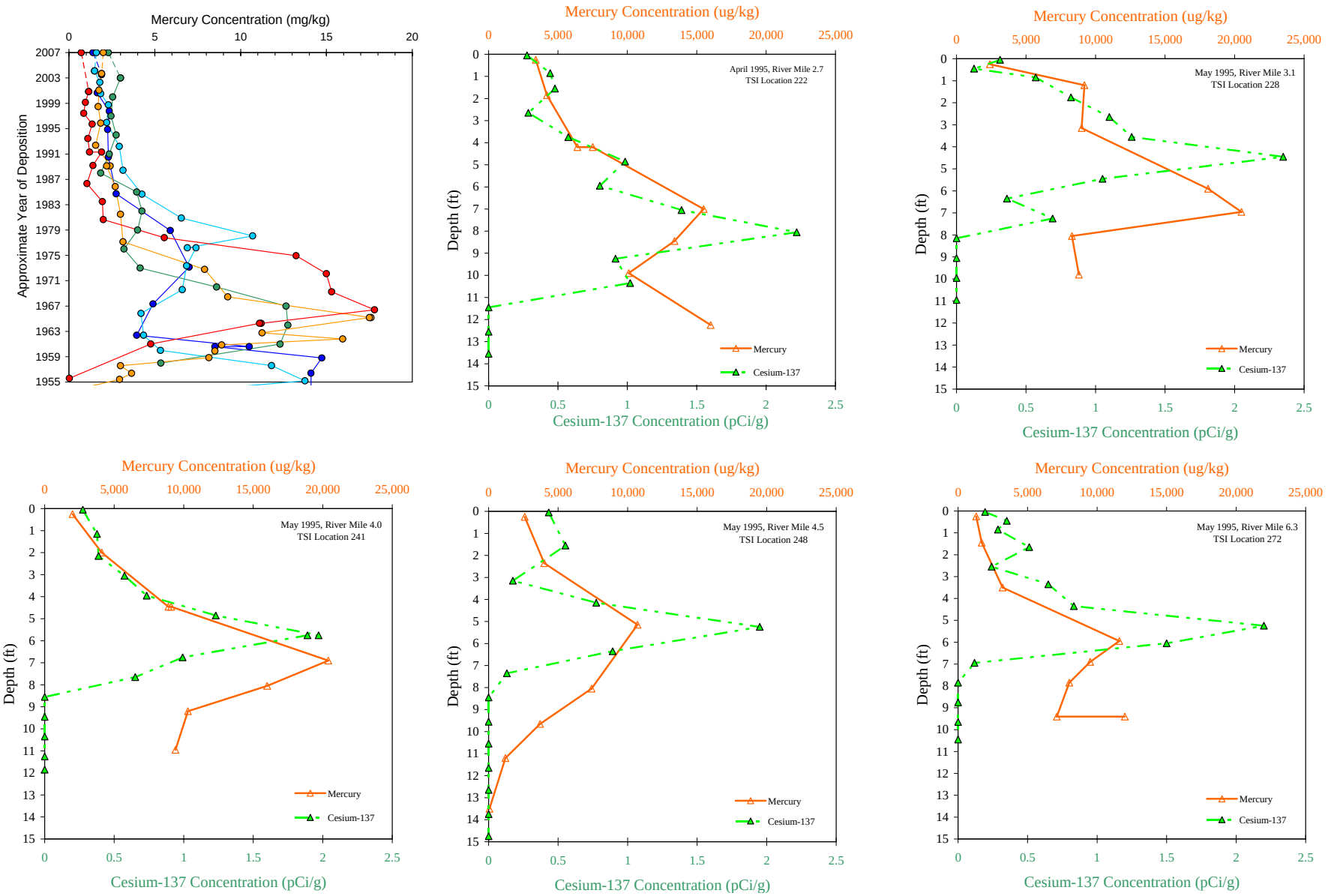

Mercury Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-14

2009