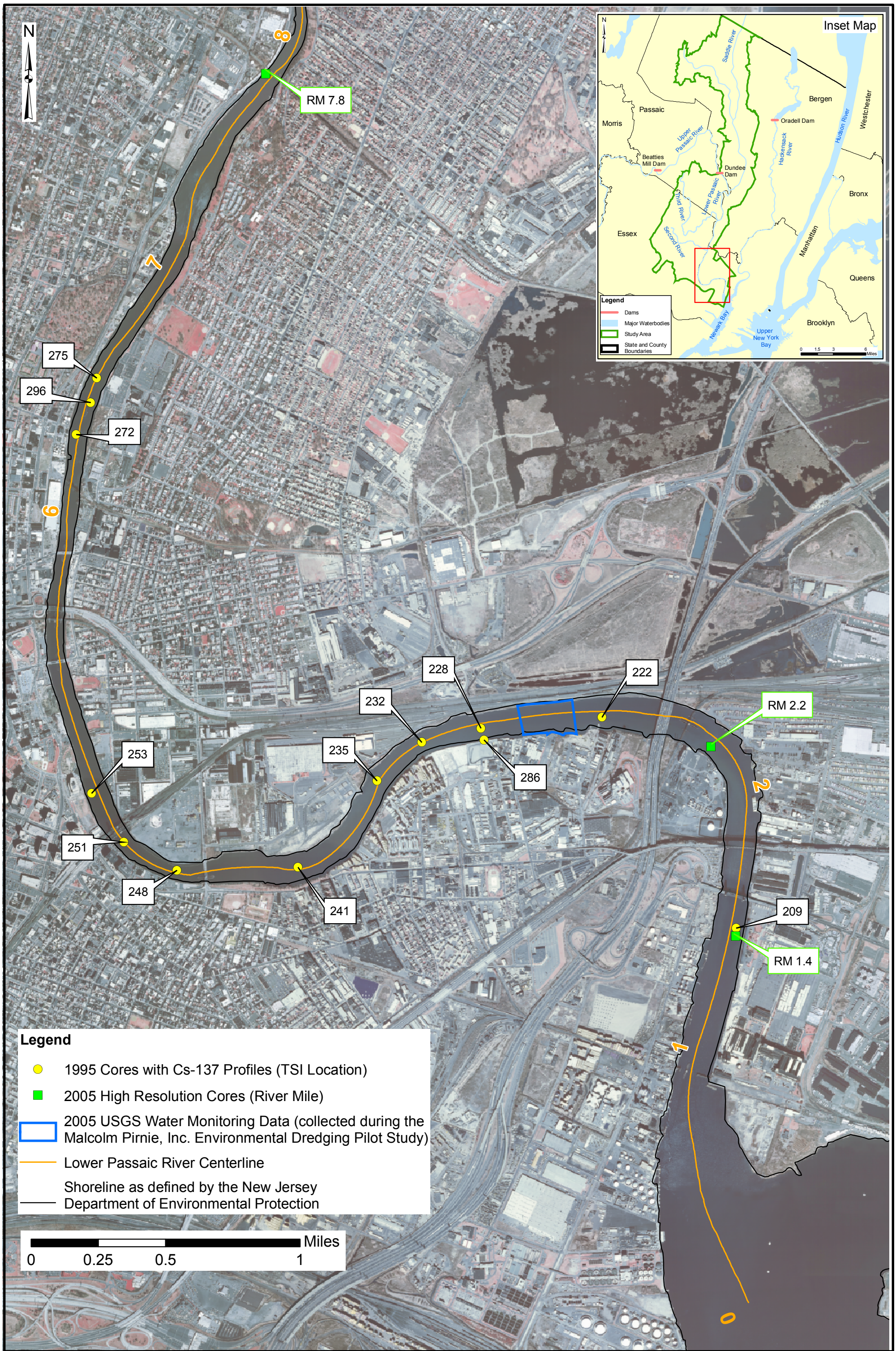
Chapter 13 Figures



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

September 2008

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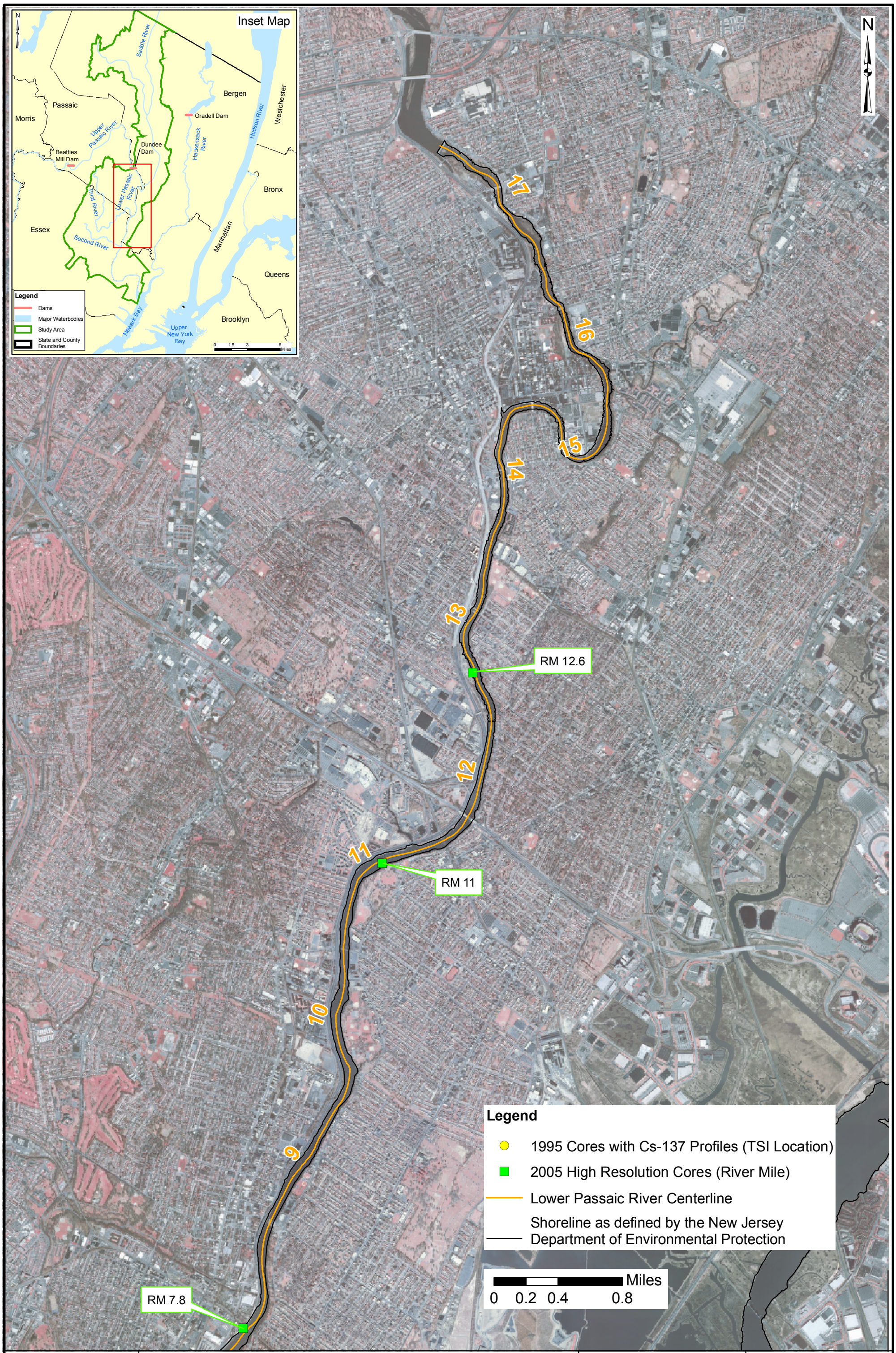

US Army Corps of Engineers

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

September 2008

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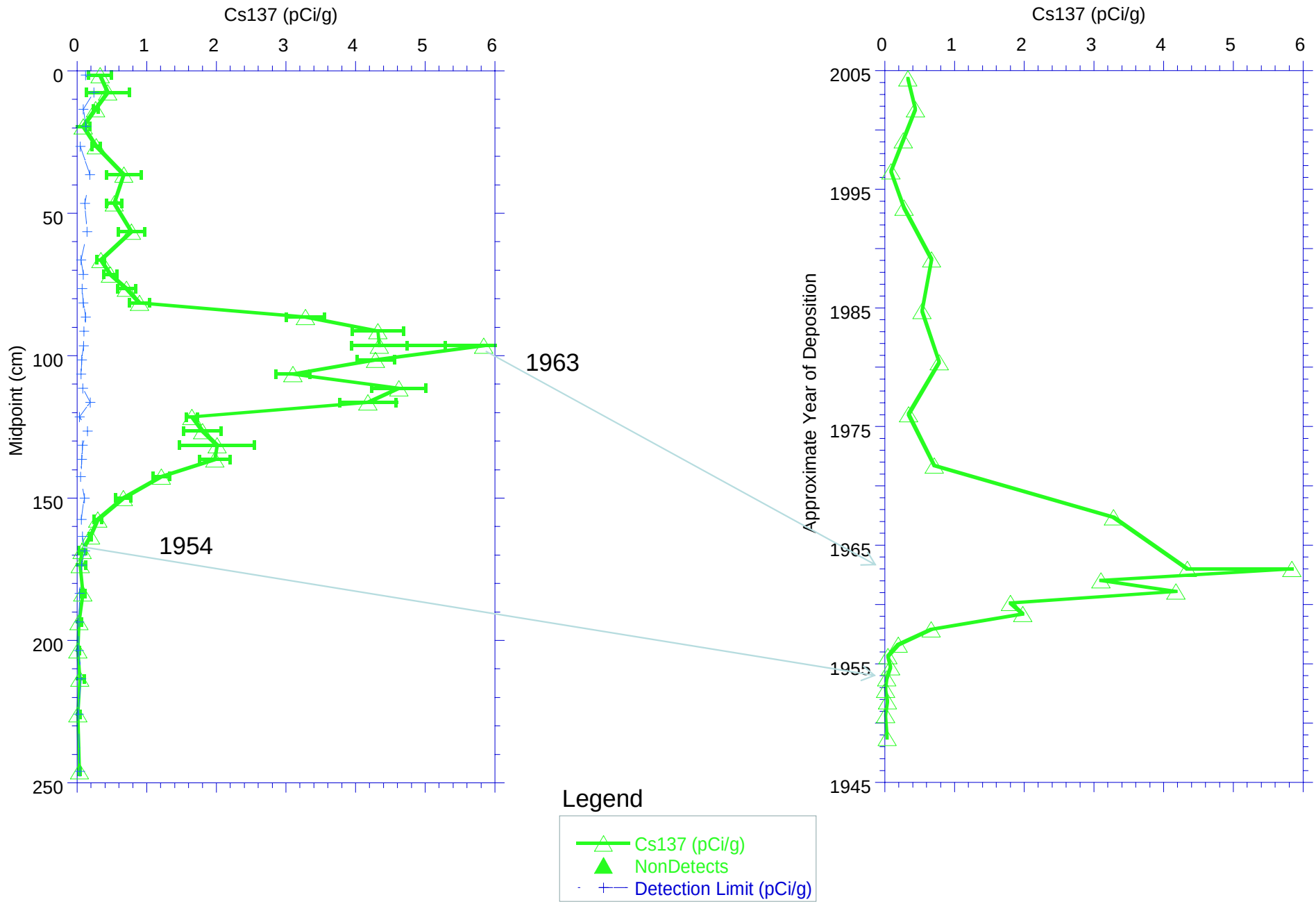
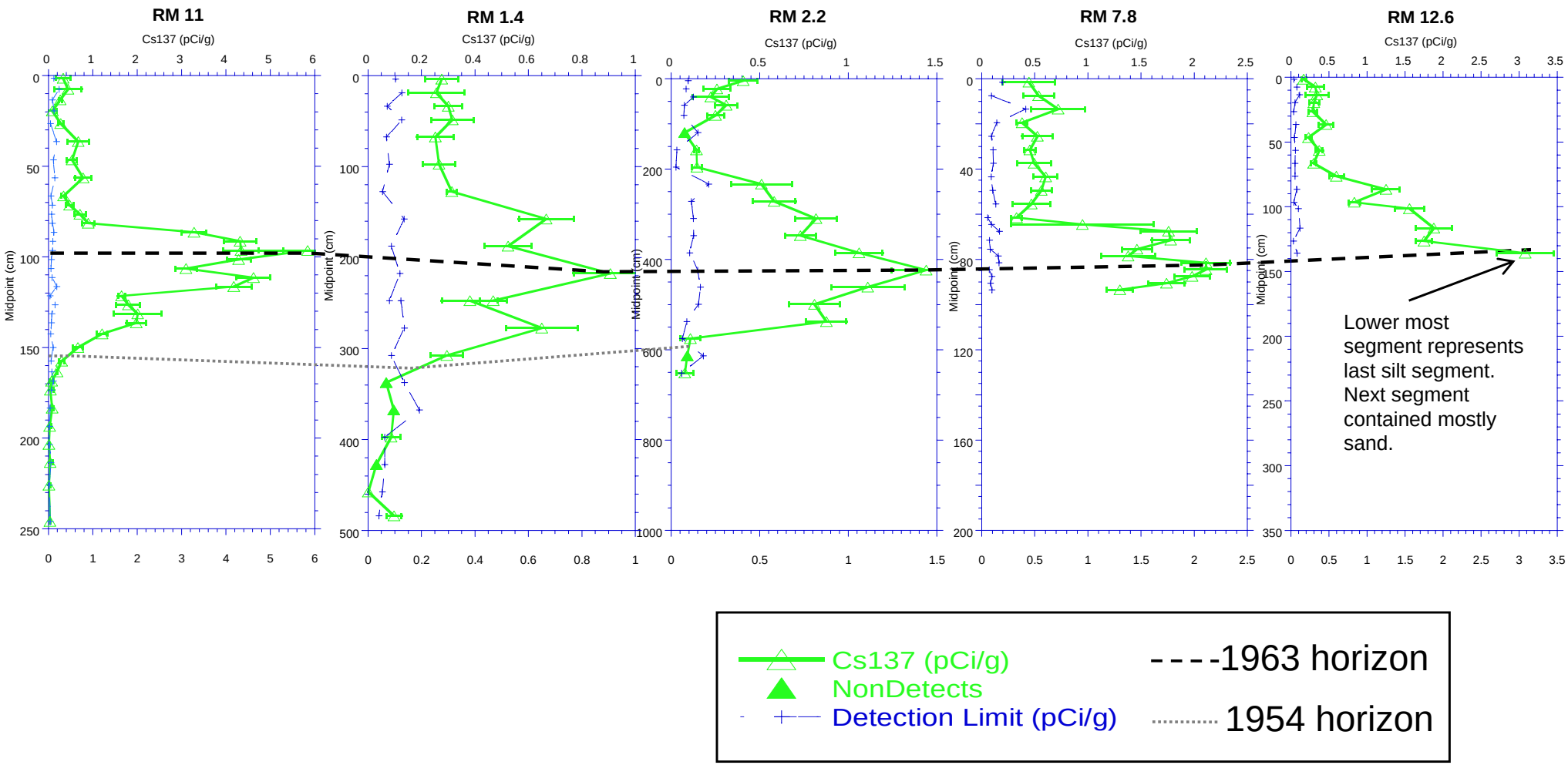


Core at RM 11
Cesium-137 Dating

Lower Passaic River Restoration Project

Figure 13-2

September 2008

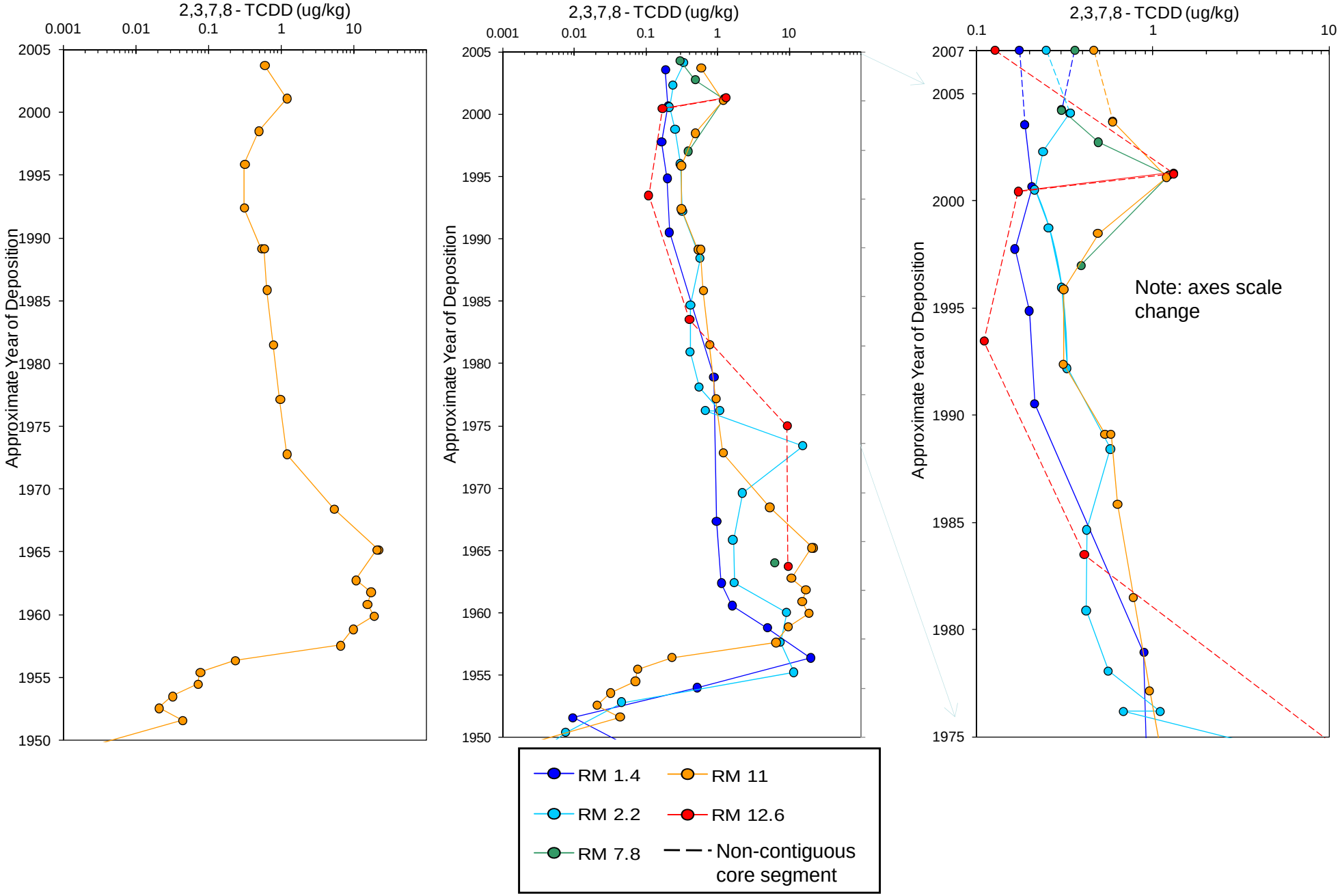


Cs-137 Downcore Profiles for 2005 High Resolution Cores

Figure 13-3

September 2008

Lower Passaic River Restoration Project

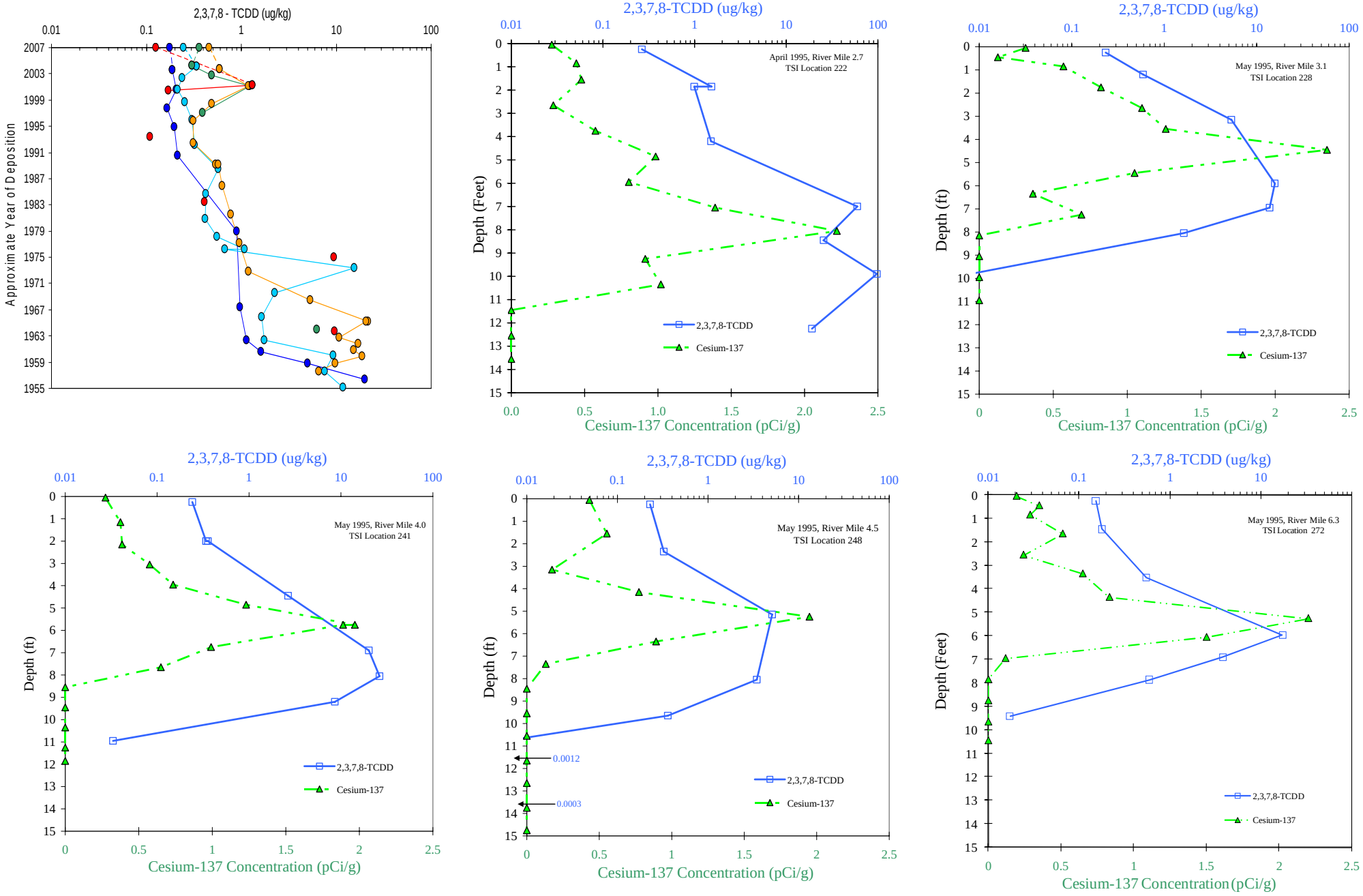


Dated Sediment Core Profile for 2,3,7,8-TCDD of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-4

September 2008

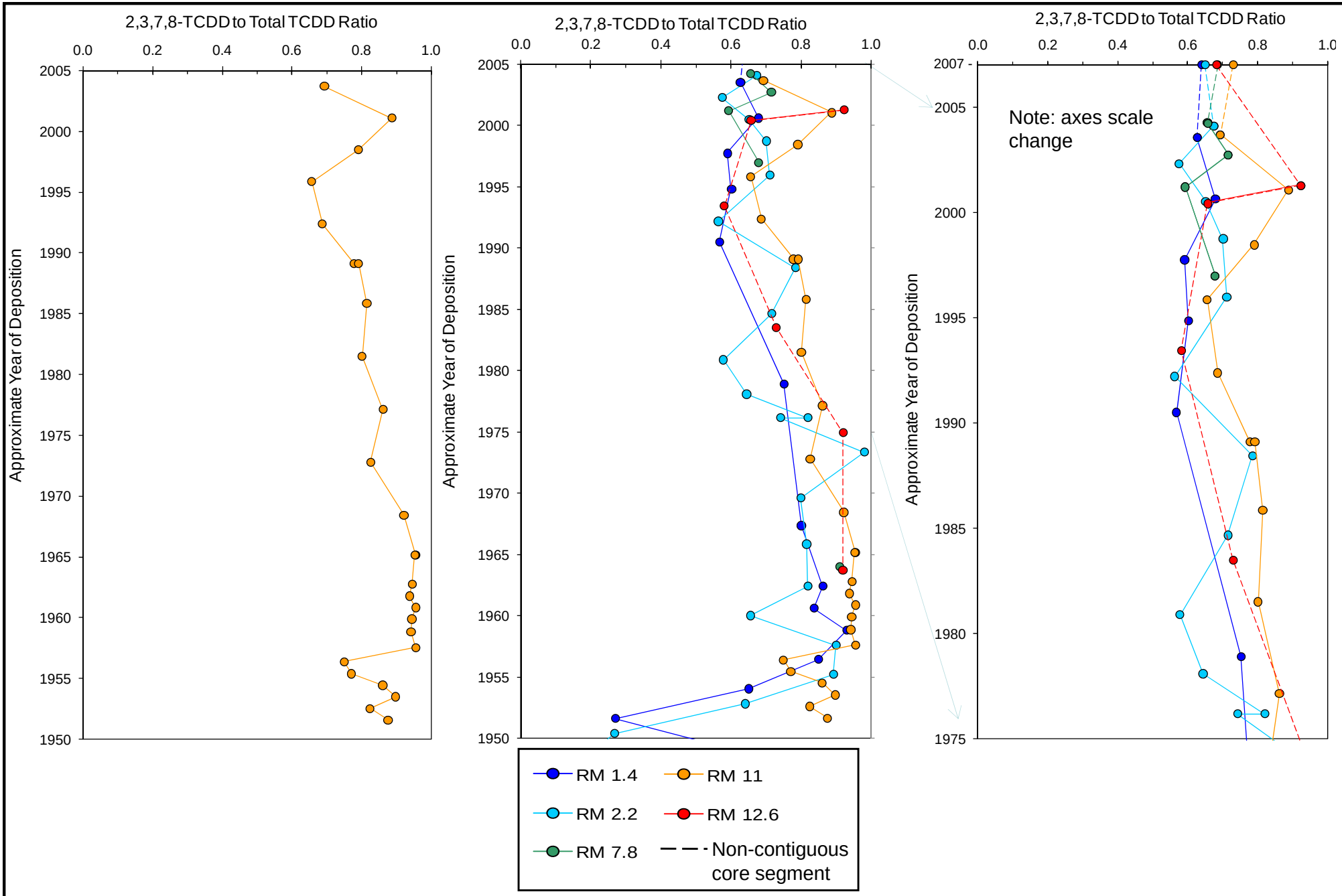


2,3,7,8-TCDD Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-5

September 2008

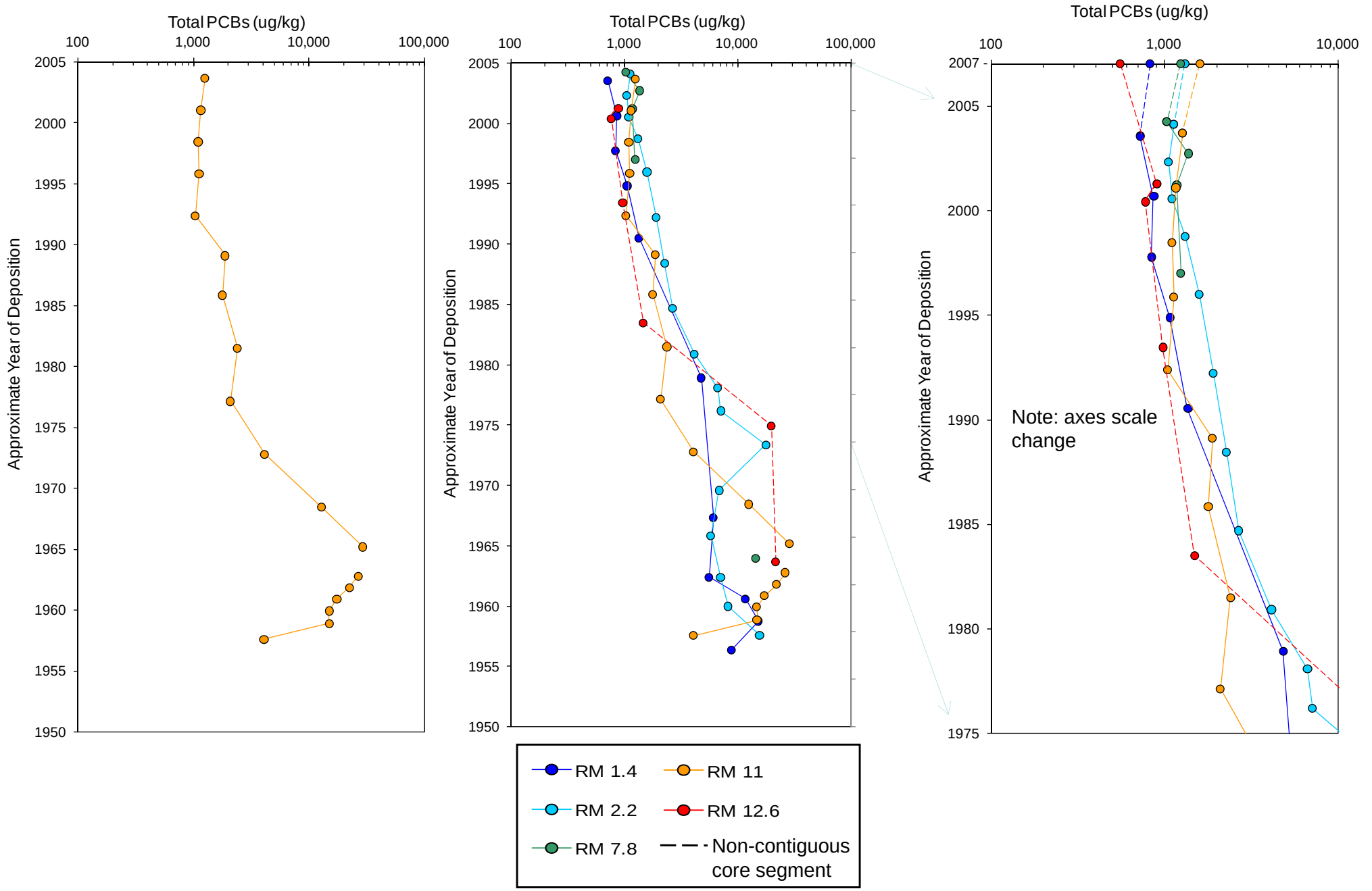


Dated Sediment Core Profile for 2,3,7,8-TCDD to Total TCDD Ratio of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-6

September 2008

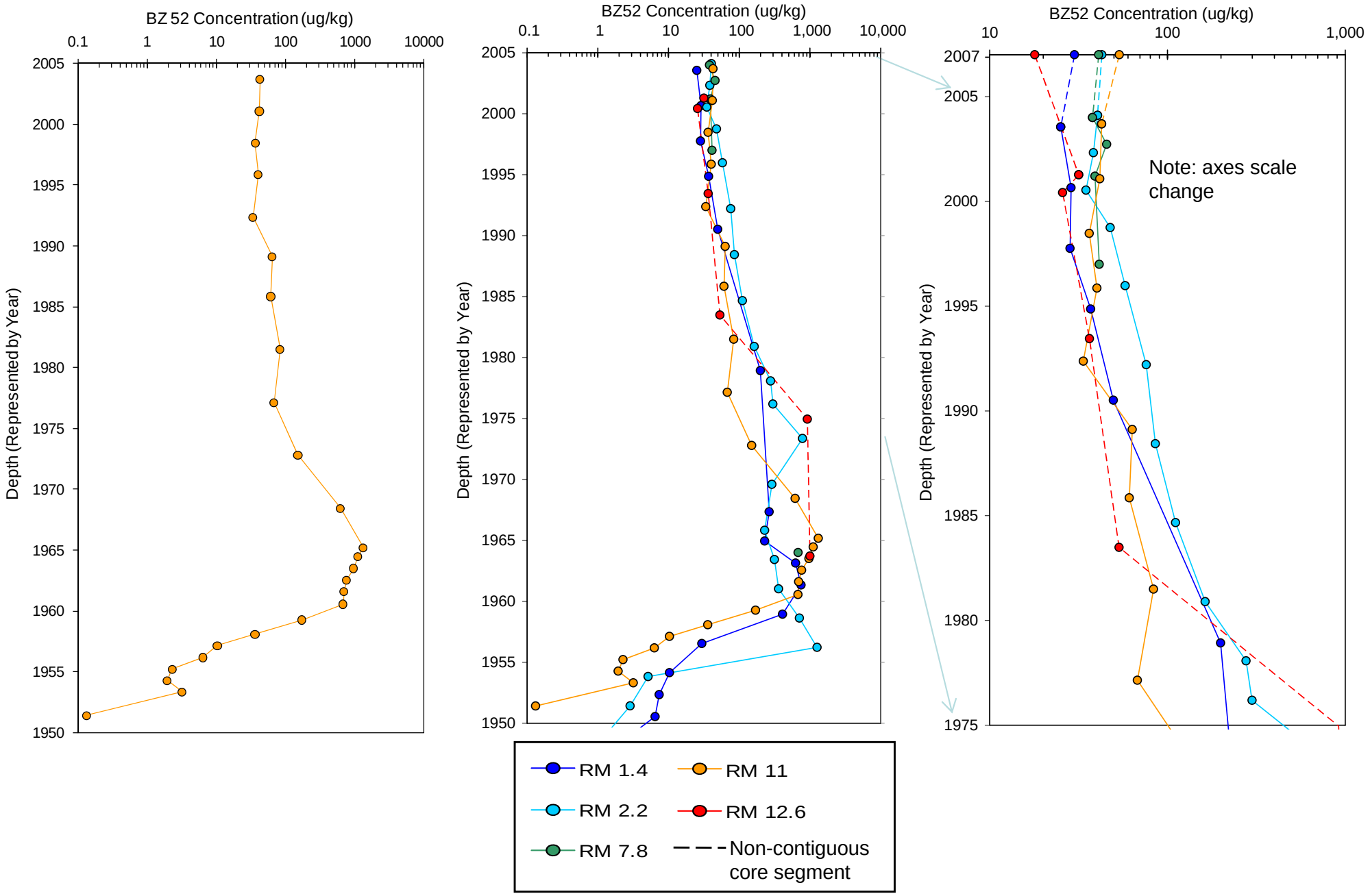


Dated Sediment Core Profile for Total PCBs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7a

September 2008

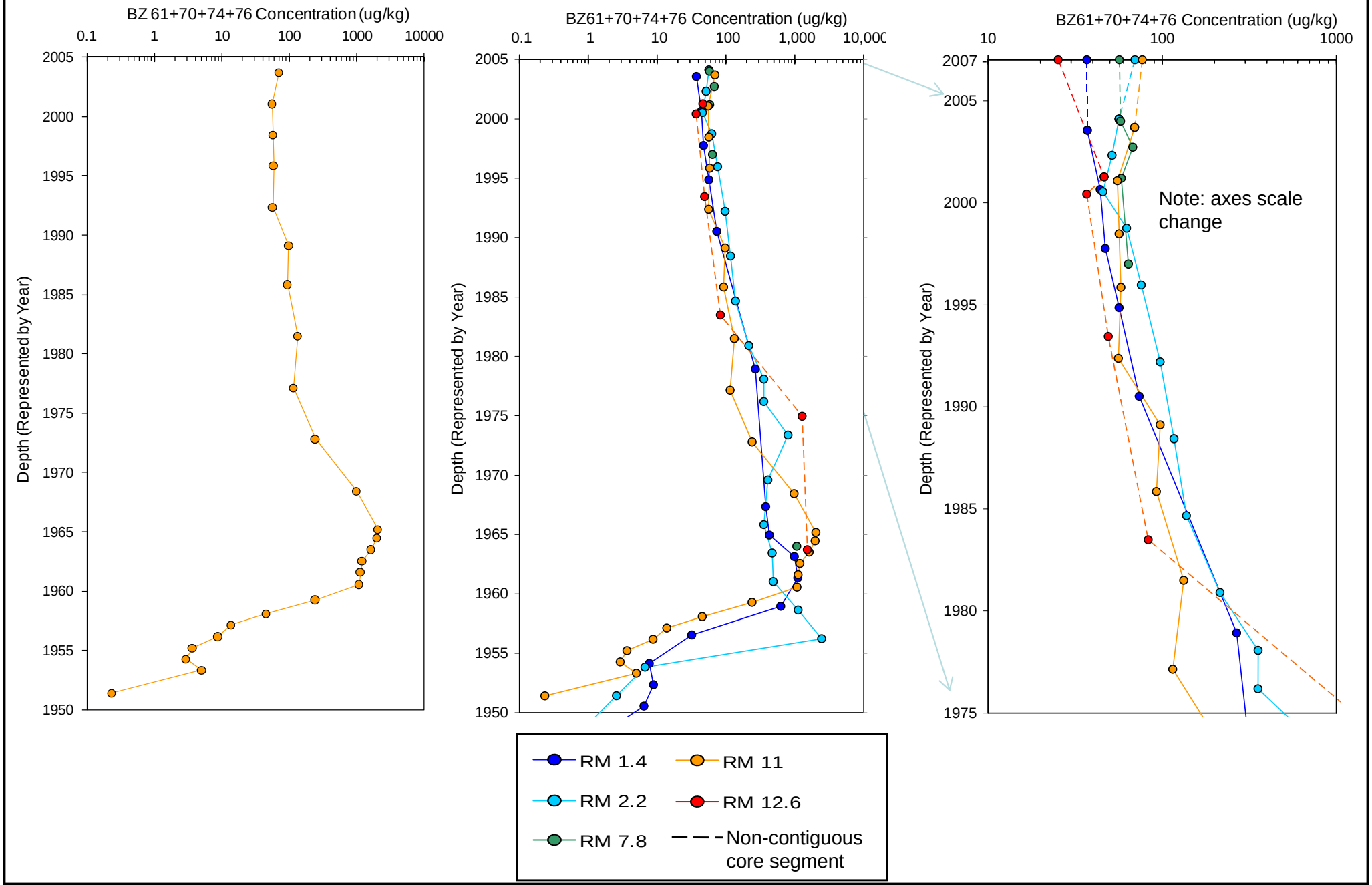


Dated Sediment Core Profile for BZ52 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7b

September 2008

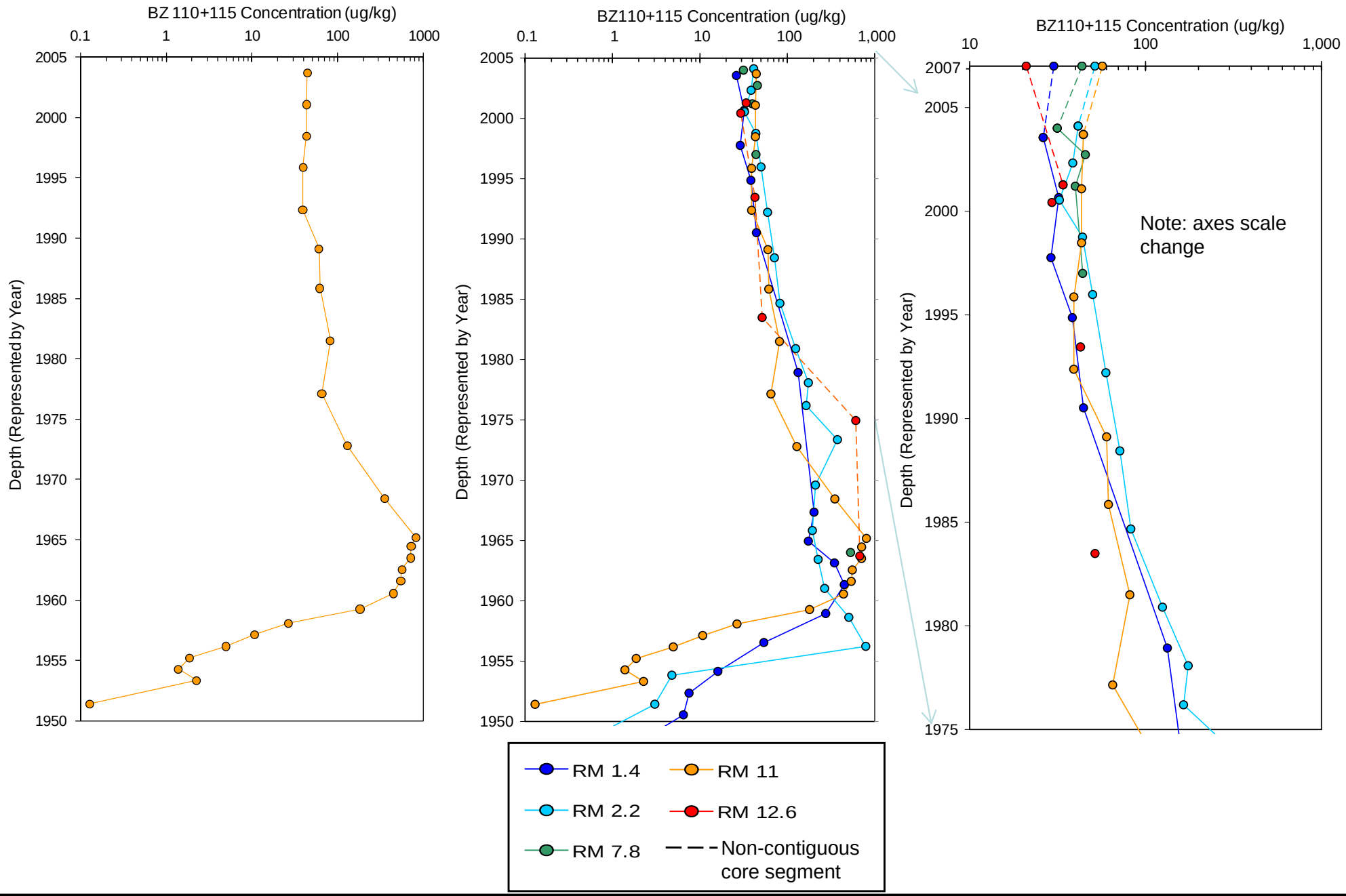


Dated Sediment Core Profile for BZ61+70+74+76 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7c

September 2008

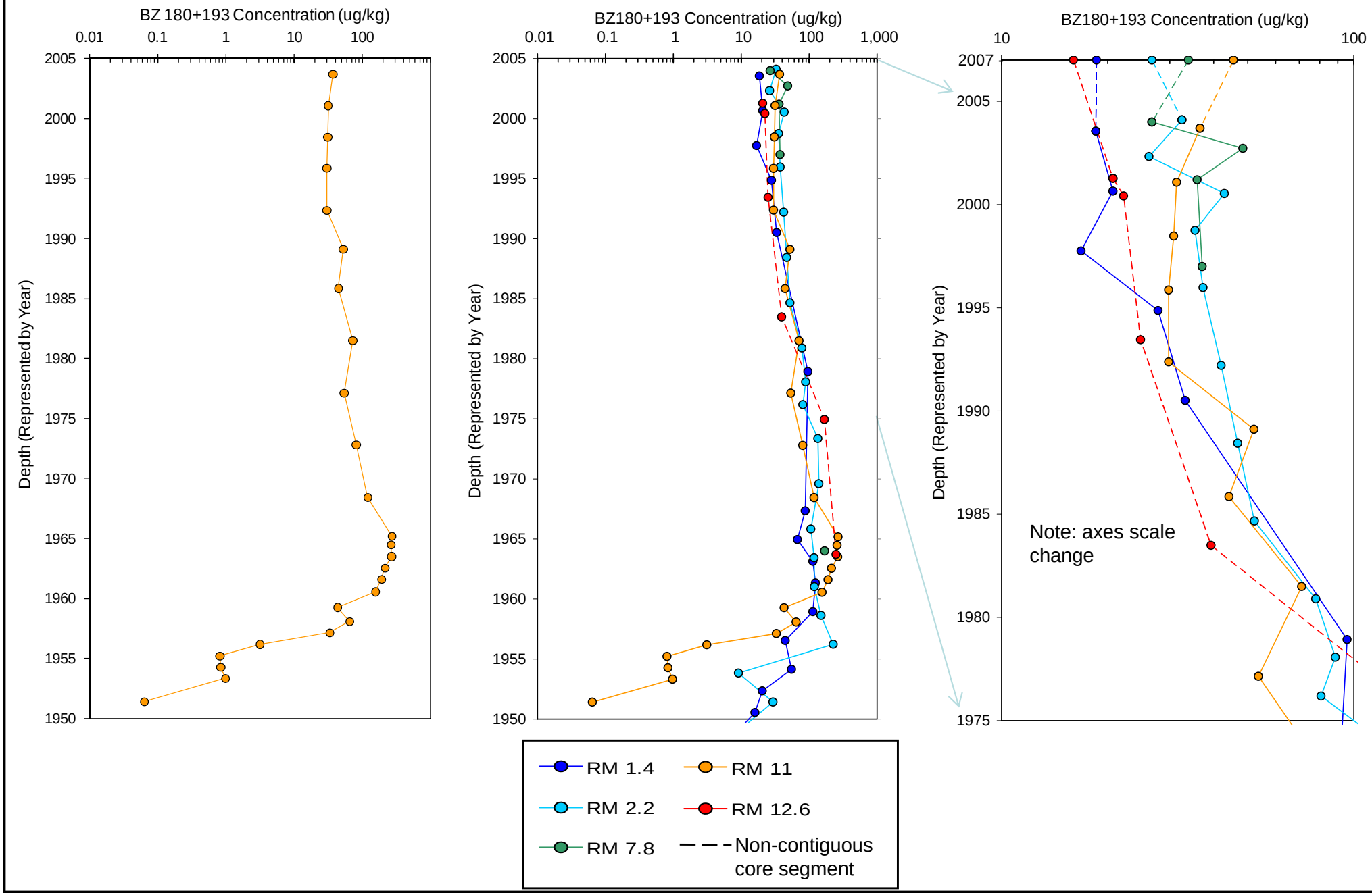


Dated Sediment Core Profile for BZ110+115 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7d

September 2008

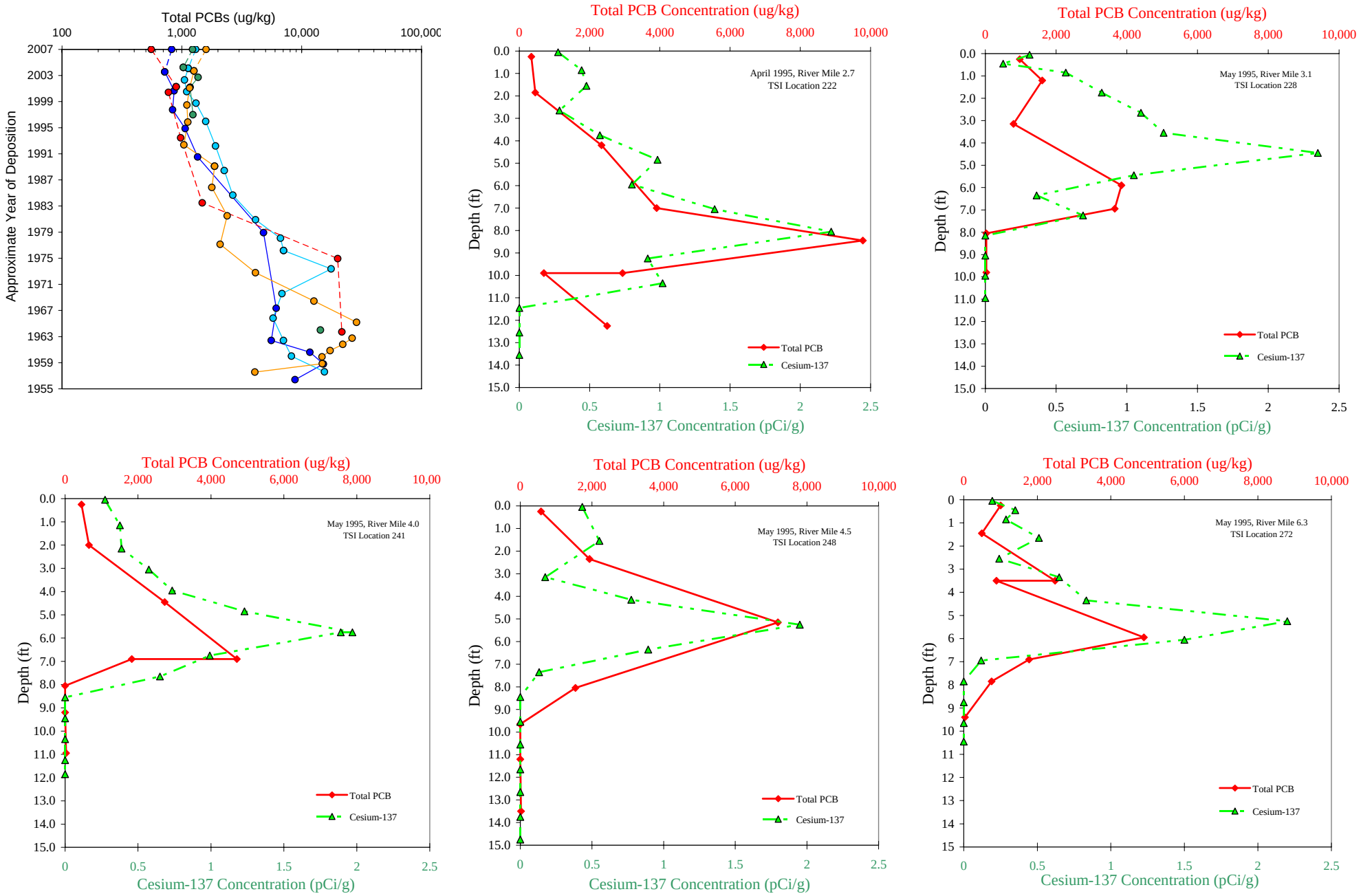


Dated Sediment Core Profile for BZ180+193 of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-7e

September 2008

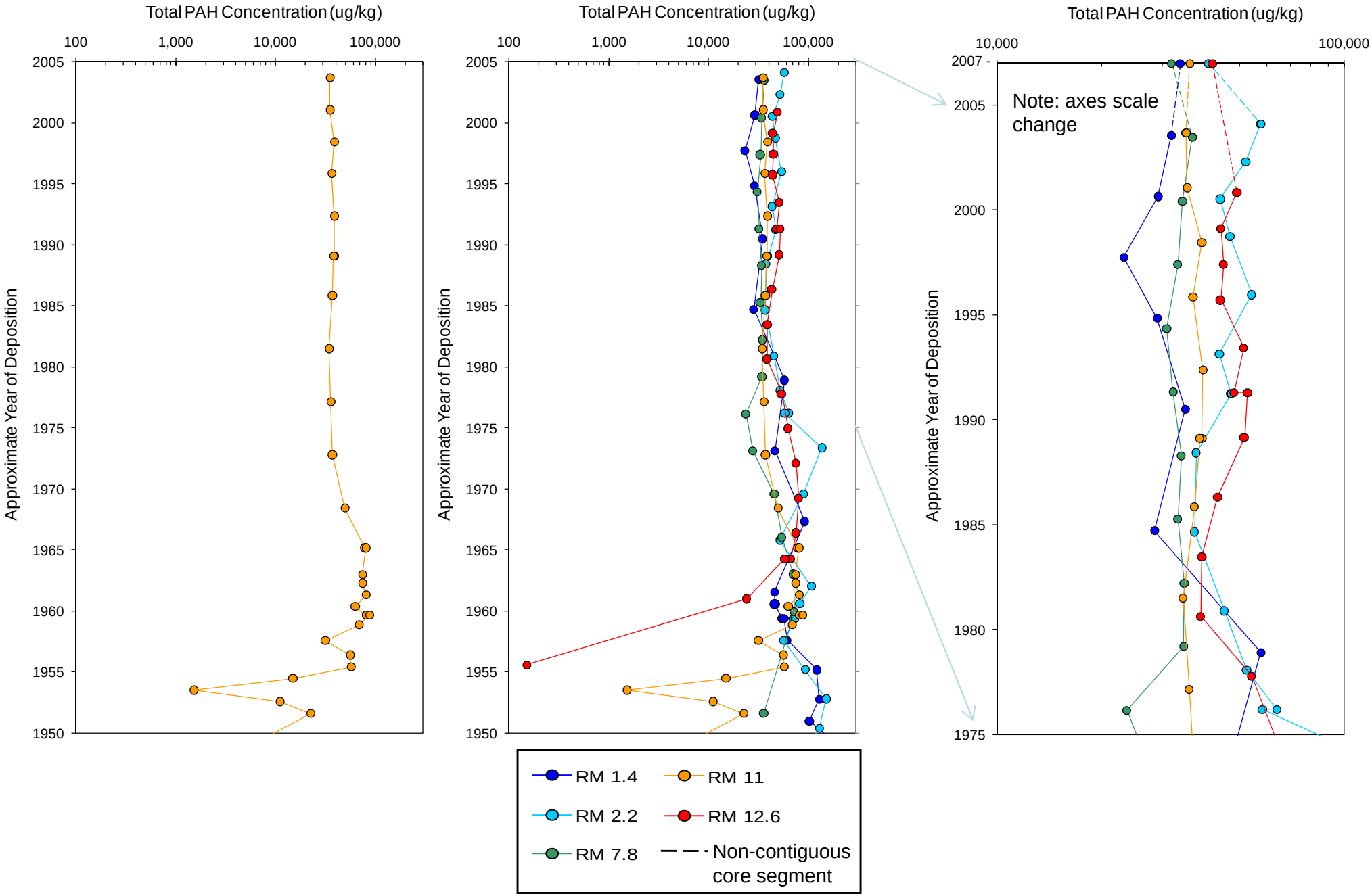


Total PCB Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-8

September 2008

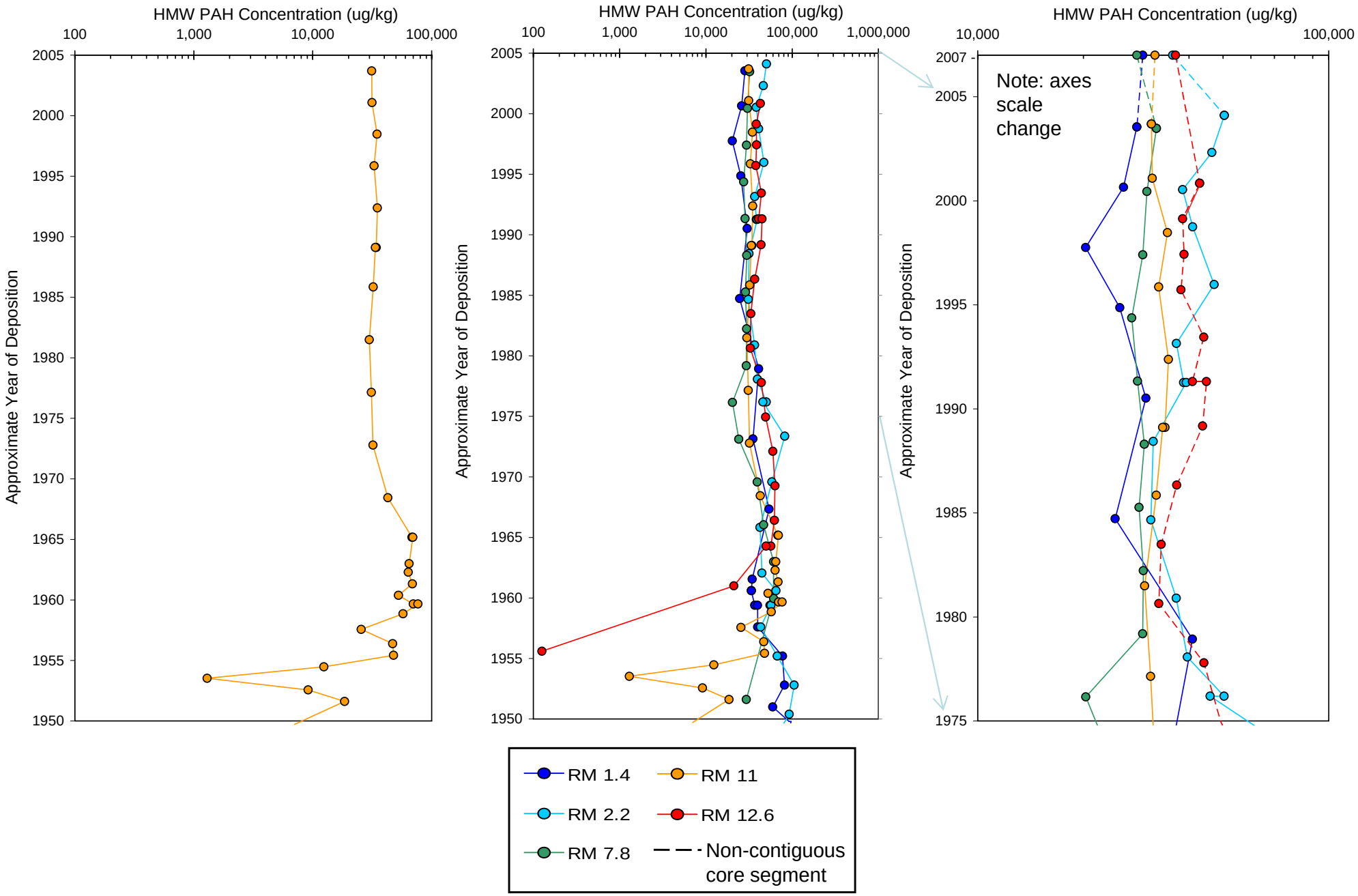


Dated Sediment Core Profile for Total PAHs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9a

September 2008

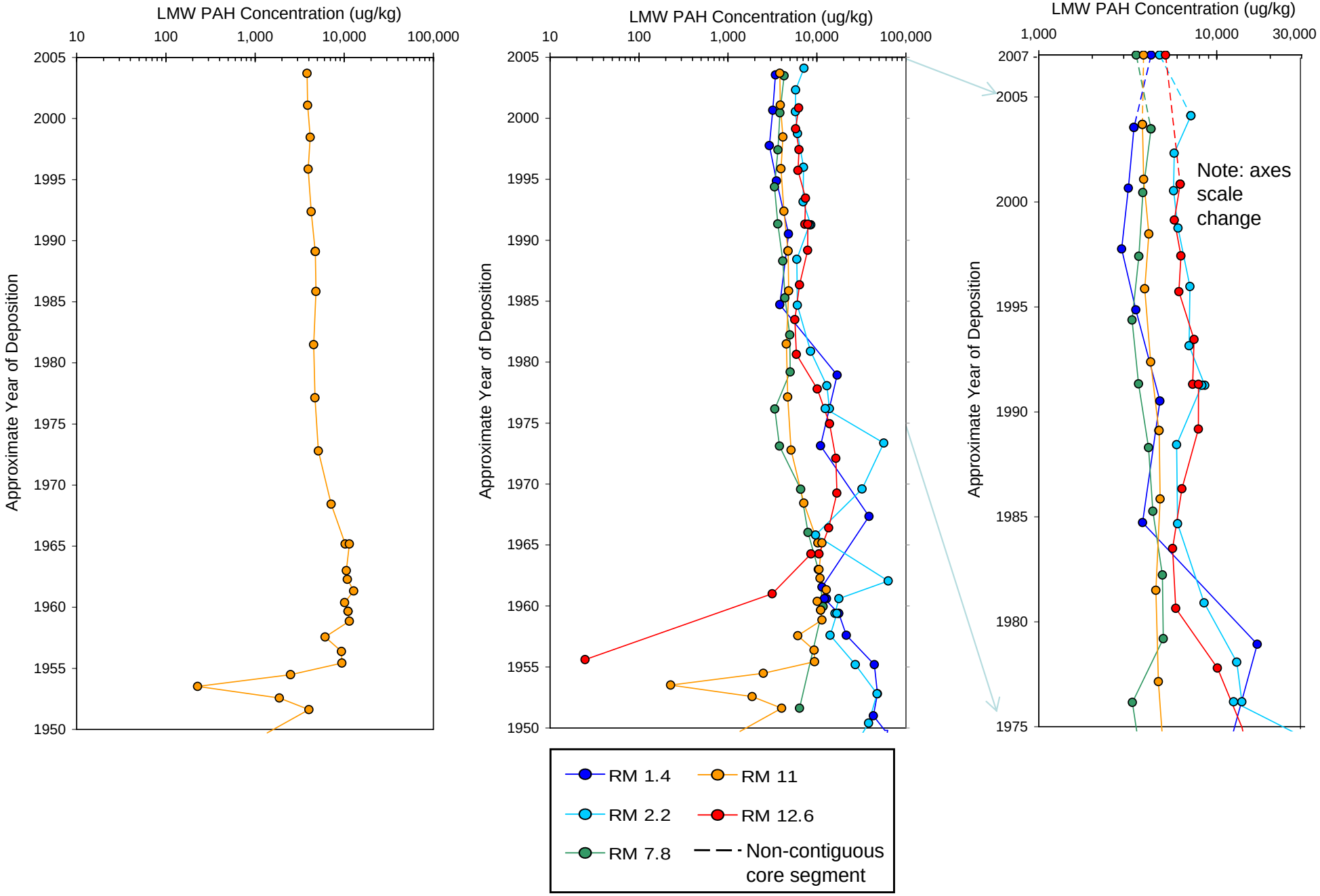


Dated Sediment Core Profile for High Molecular Weight PAHs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9b

September 2008

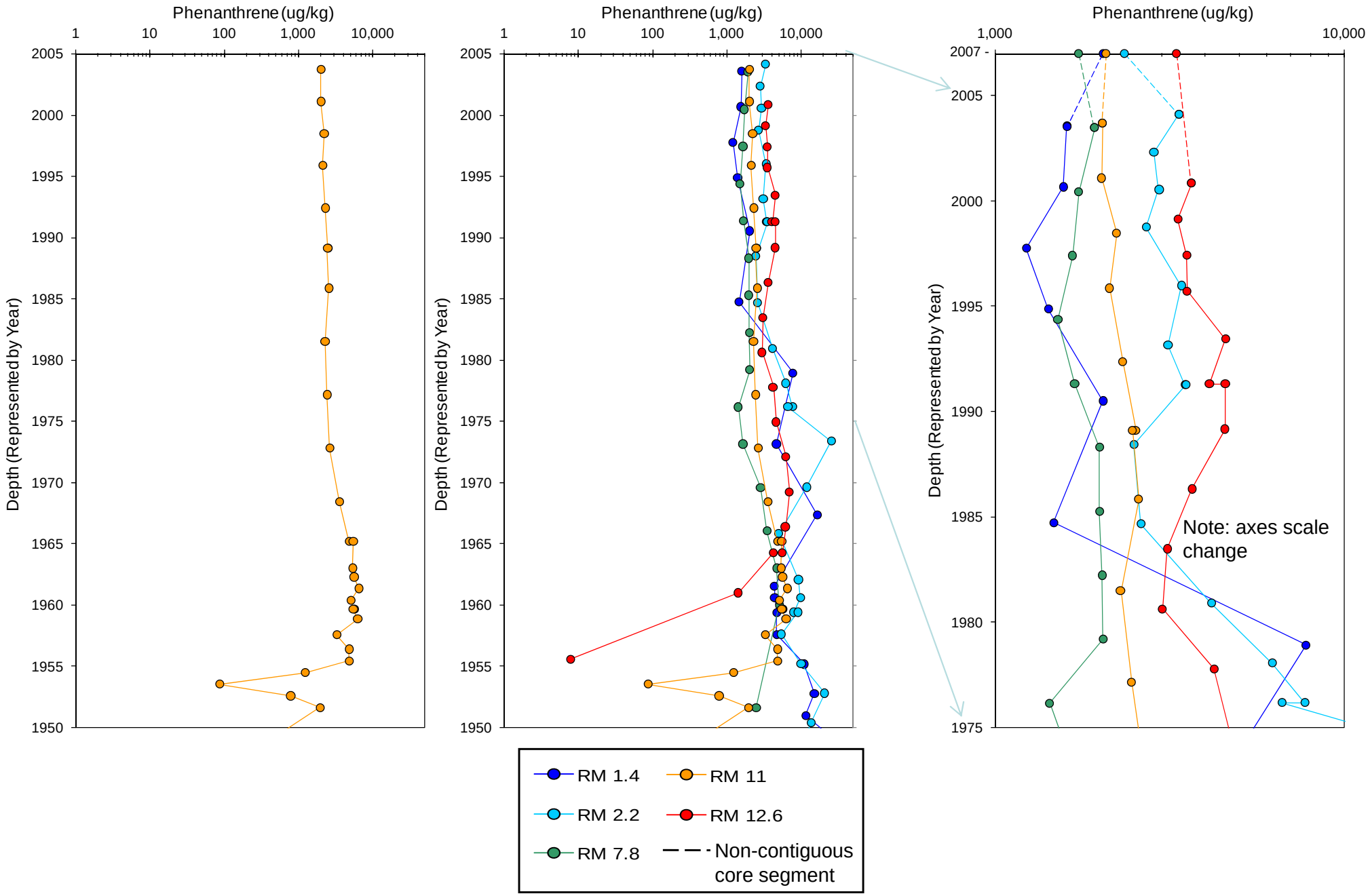


Dated Sediment Core Profile for Low Molecular Weight PAHs of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9c

September 2008

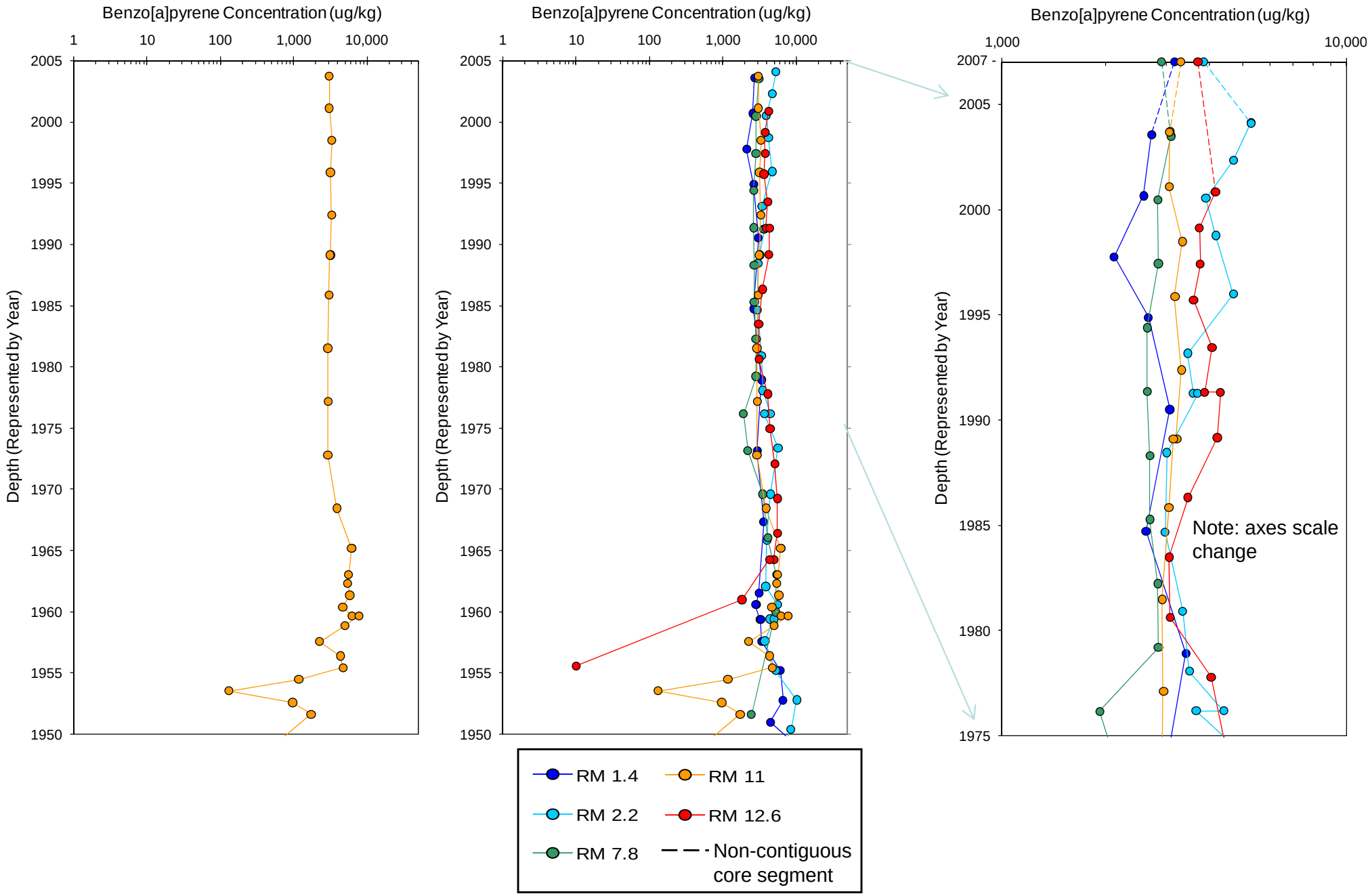


Dated Sediment Core Profile for Phenanthrene of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9d

September 2008

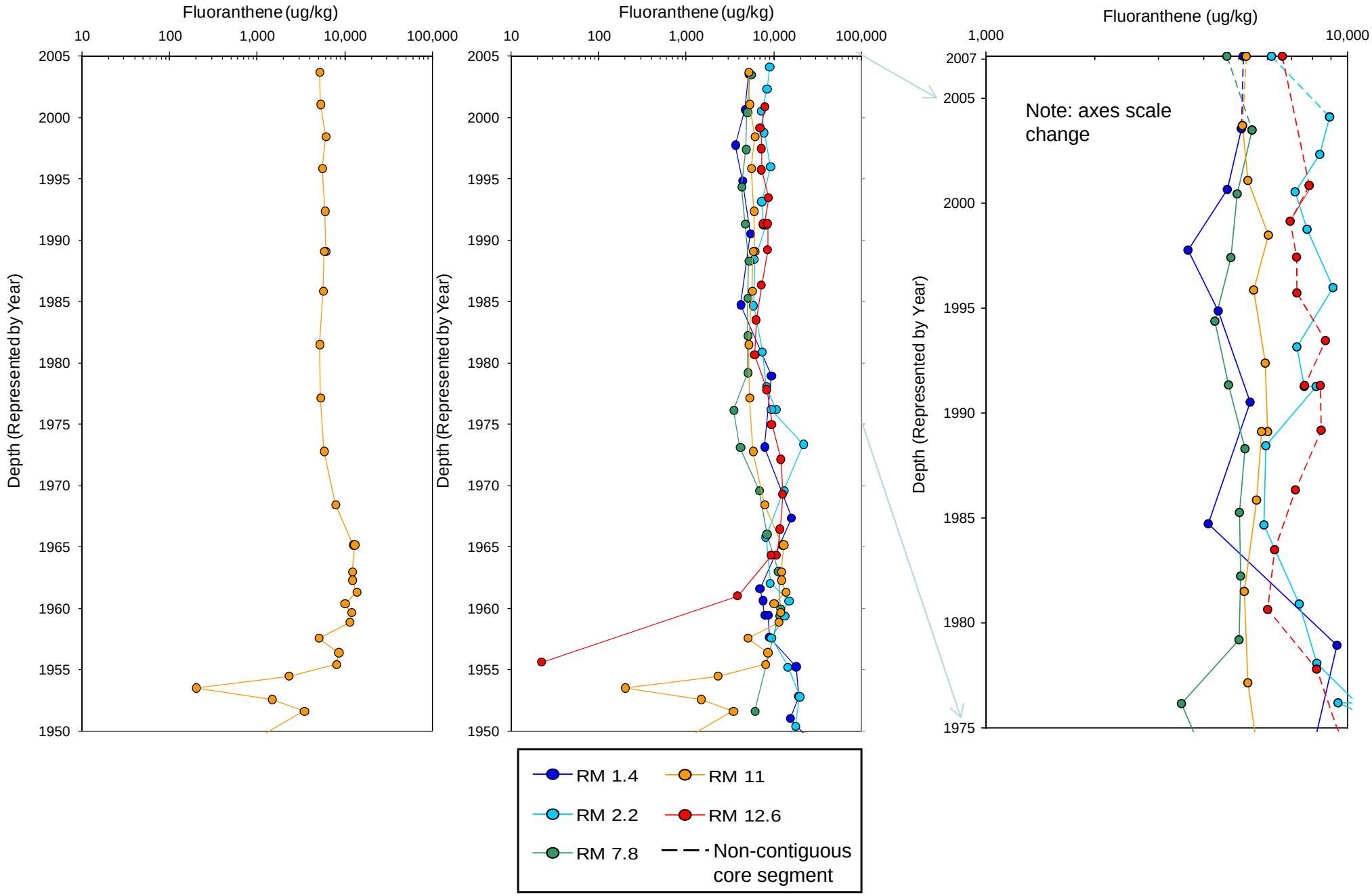


Dated Sediment Core Profile for Benzo[a]pyrene of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-9e

September 2008

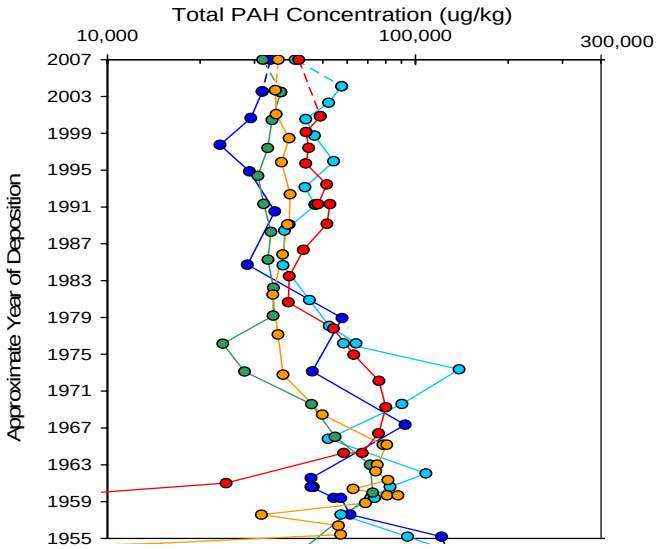


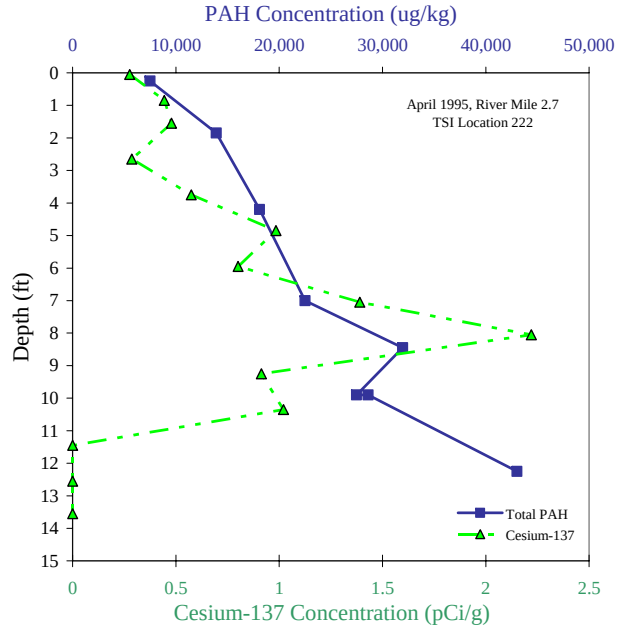
Dated Sediment Core Profile for Fluoranthene of 2005 High Resolution Cores and 2007 Surface

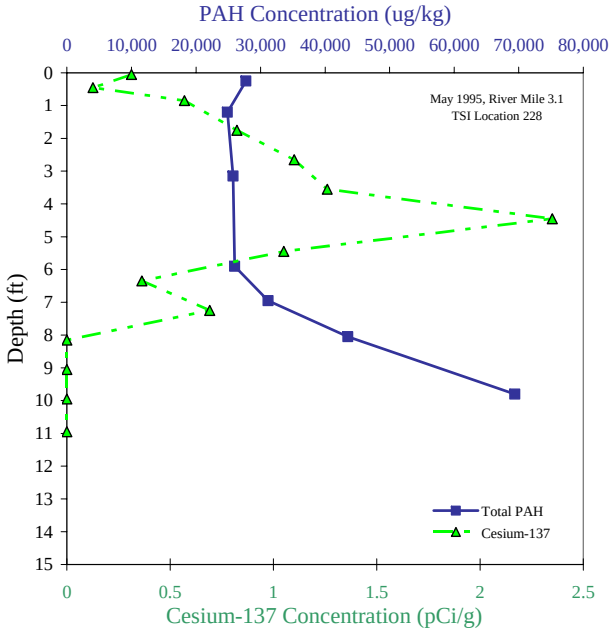
Lower Passaic River Restoration Project

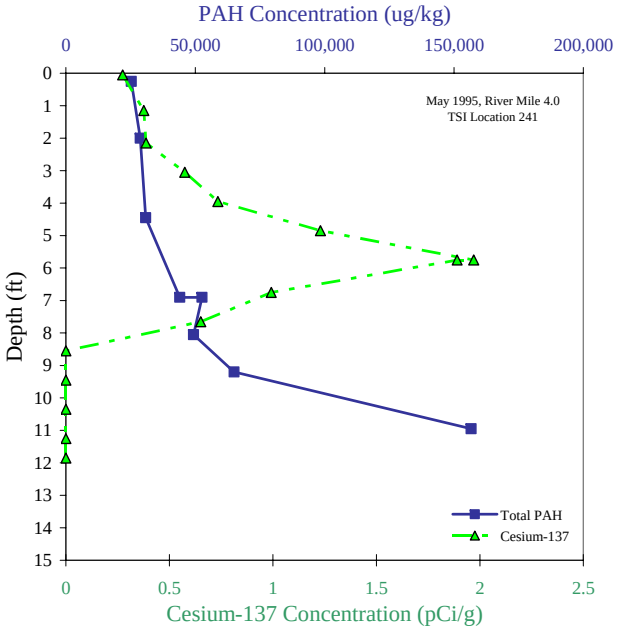
Figure 13-9f

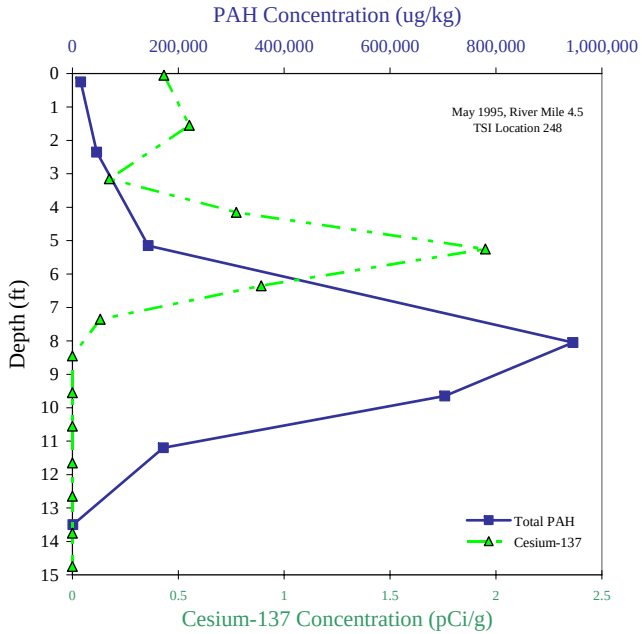
September 2008

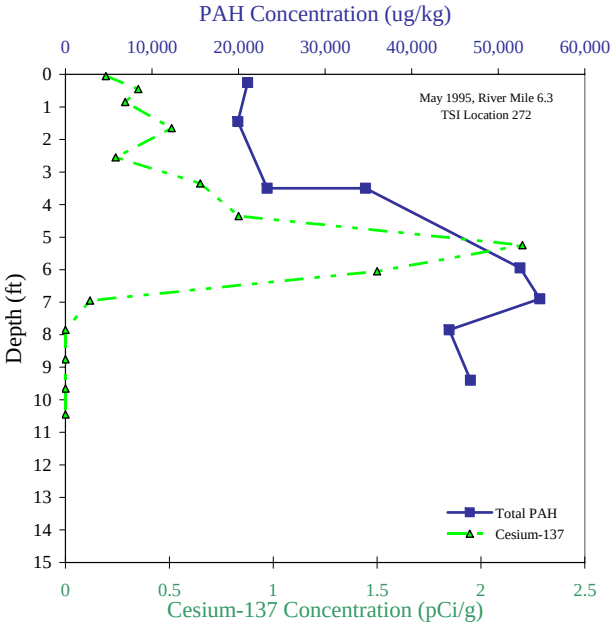










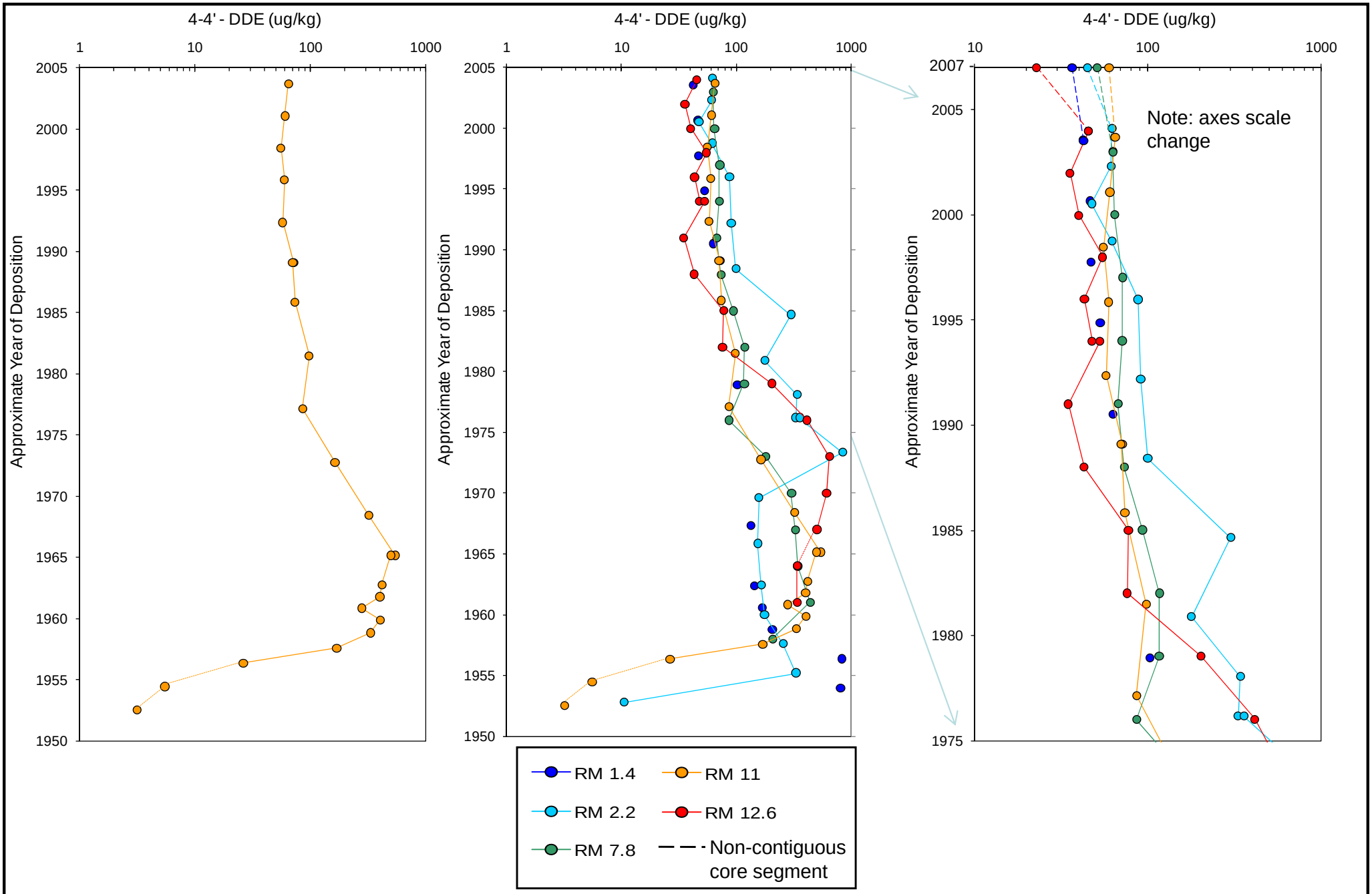


PAHs Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-10

September 2008

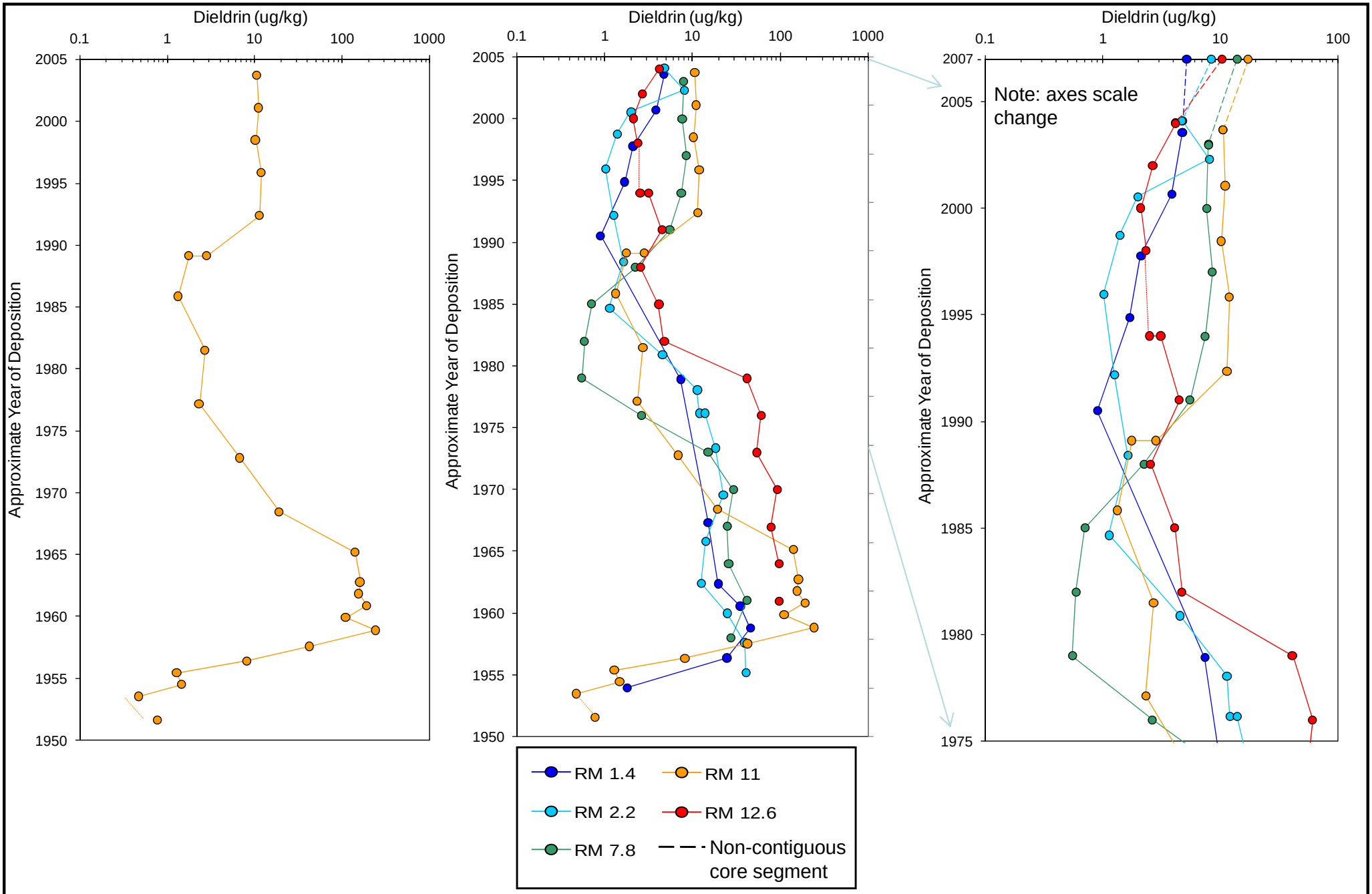


Dated Sediment Core Profile for 4,4'-DDE of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-11a

September 2008

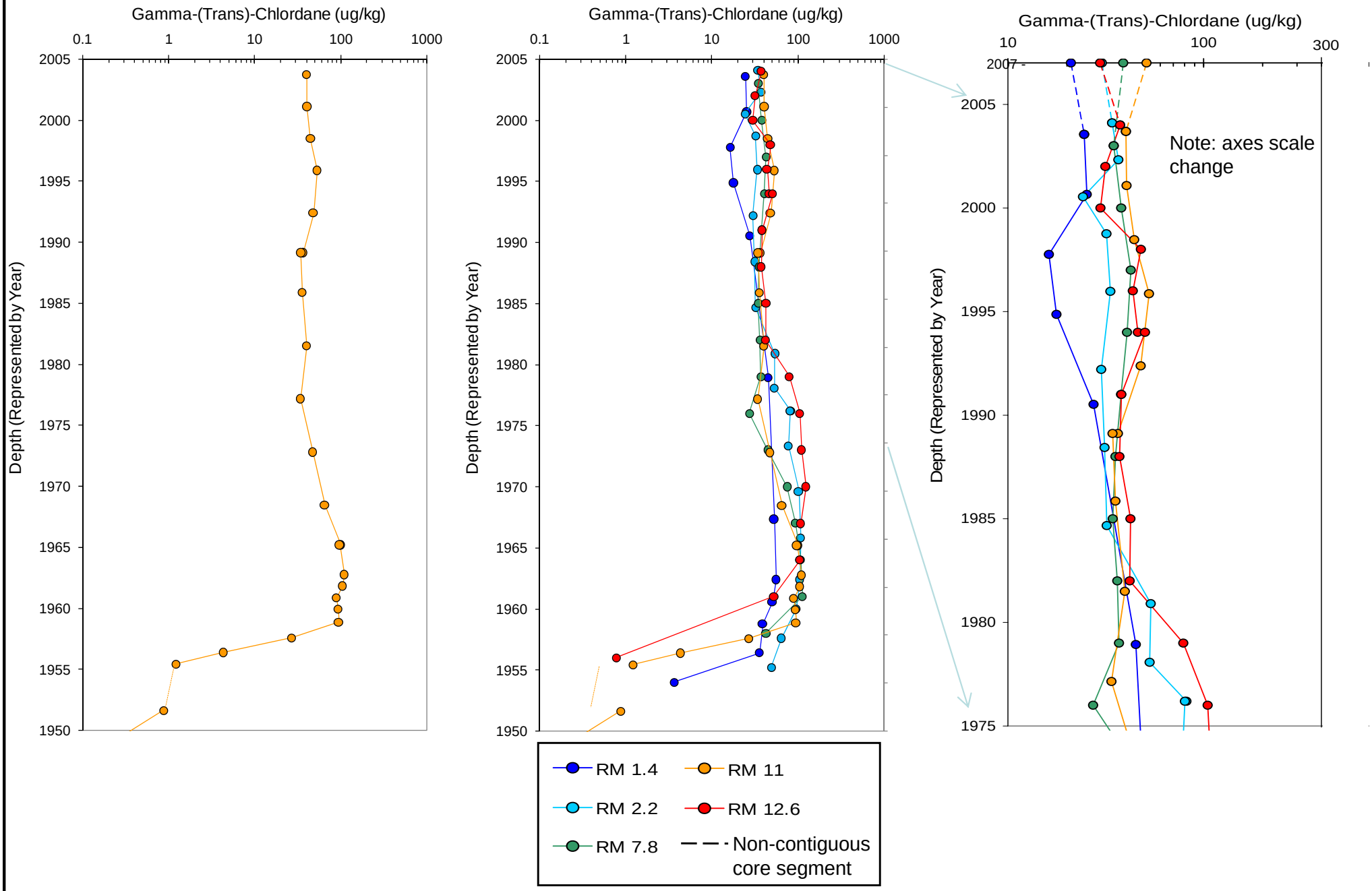


Dated Sediment Core Profile for Dieldrin of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-11b

September 2008

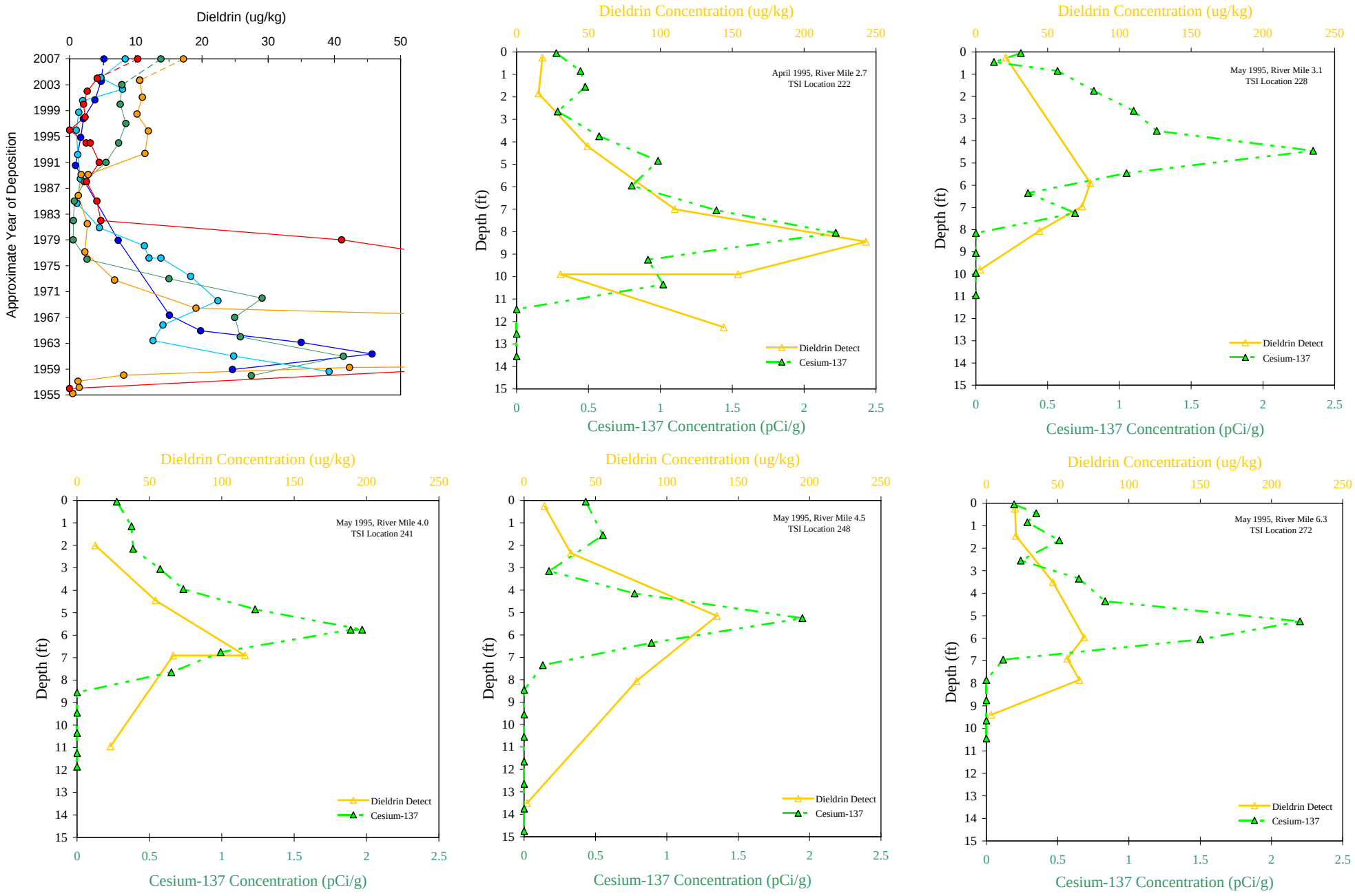


Dated Sediment Core Profile for Chlordane (gamma, trans) of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-11c

September 2008

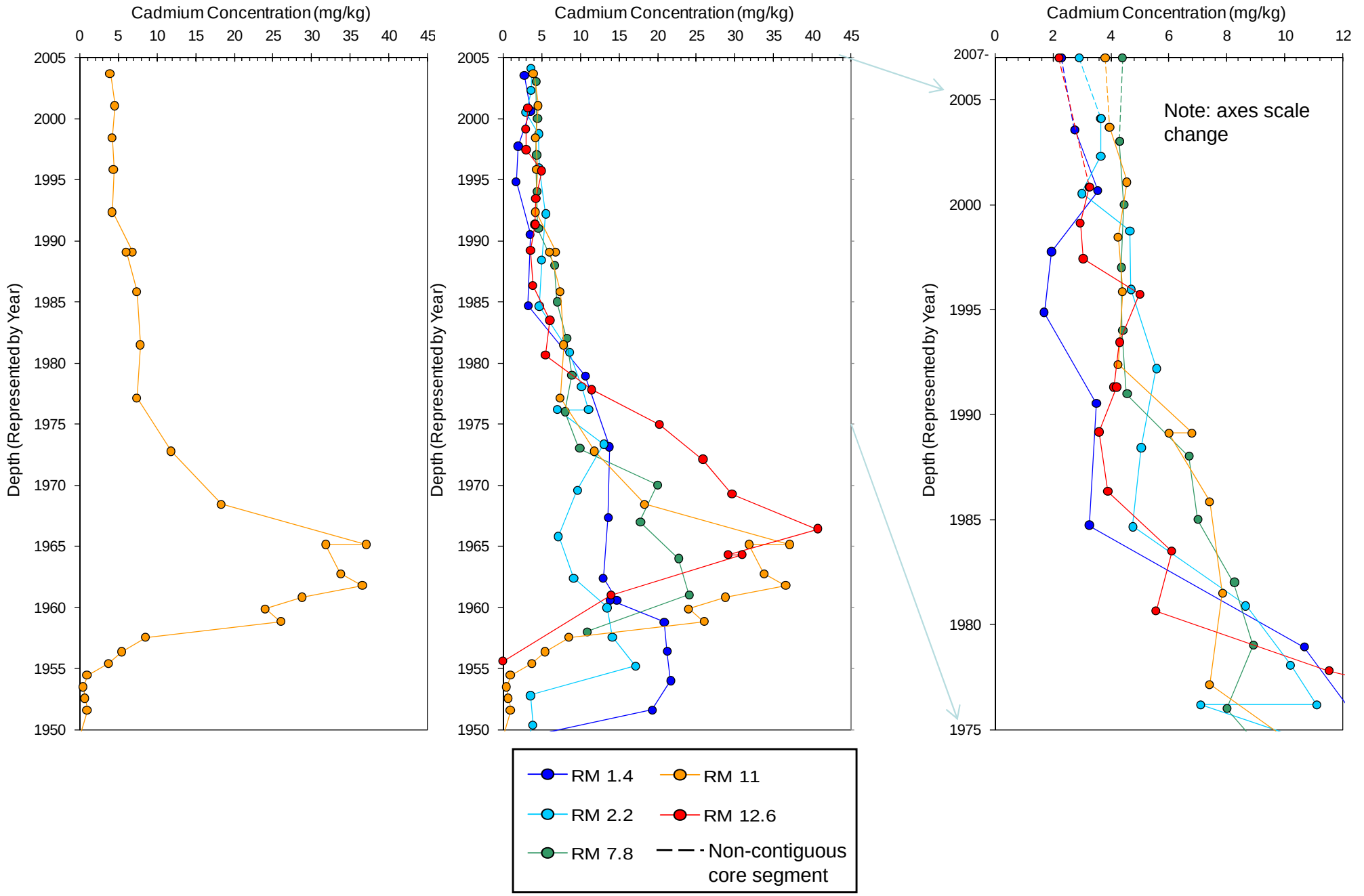


Dieldrin Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-12

September 2008

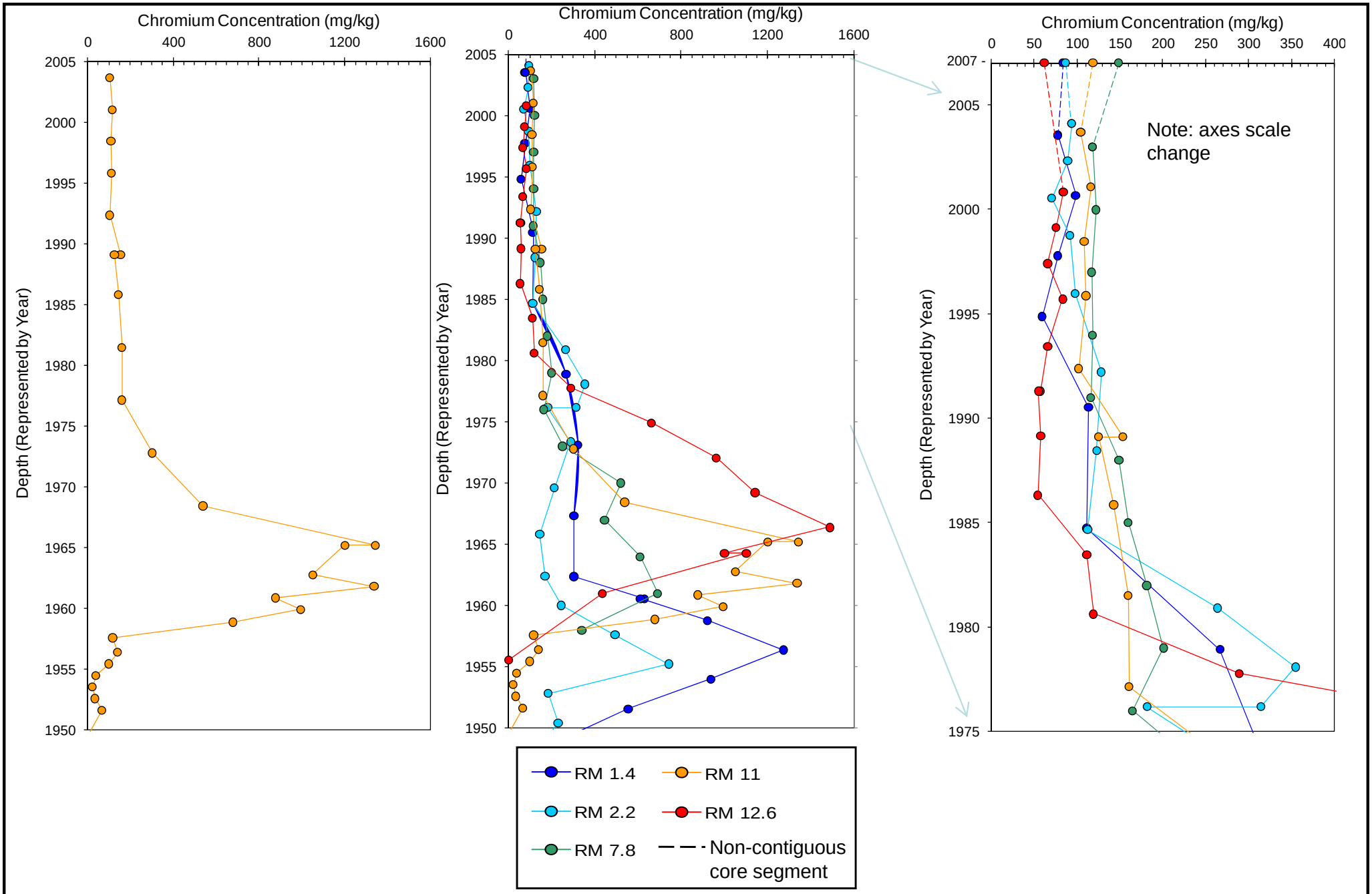


Dated Sediment Core Profile for Cadmium of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13a

September 2008

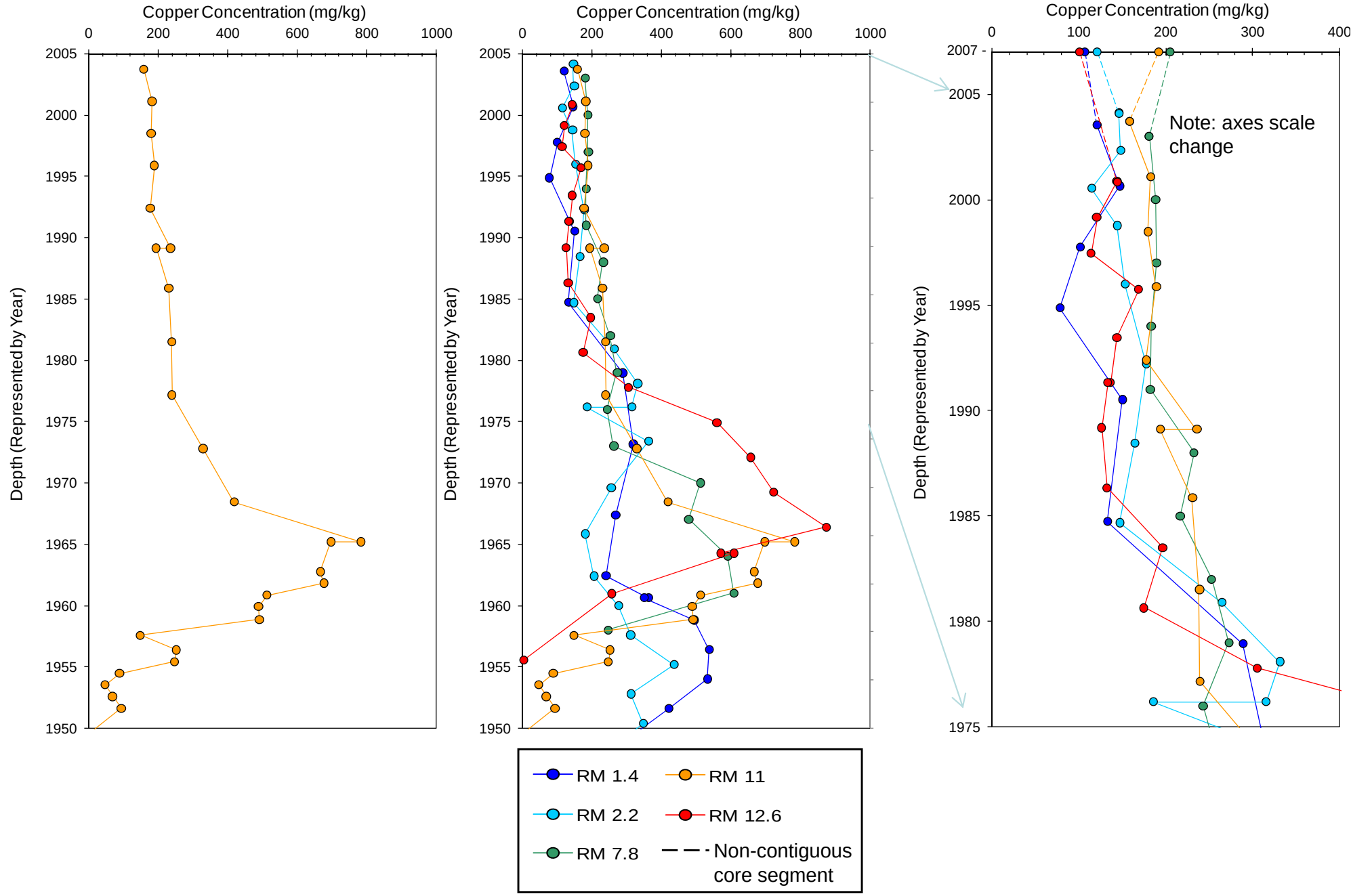


Dated Sediment Core Profile for Chromium of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13b

September 2008

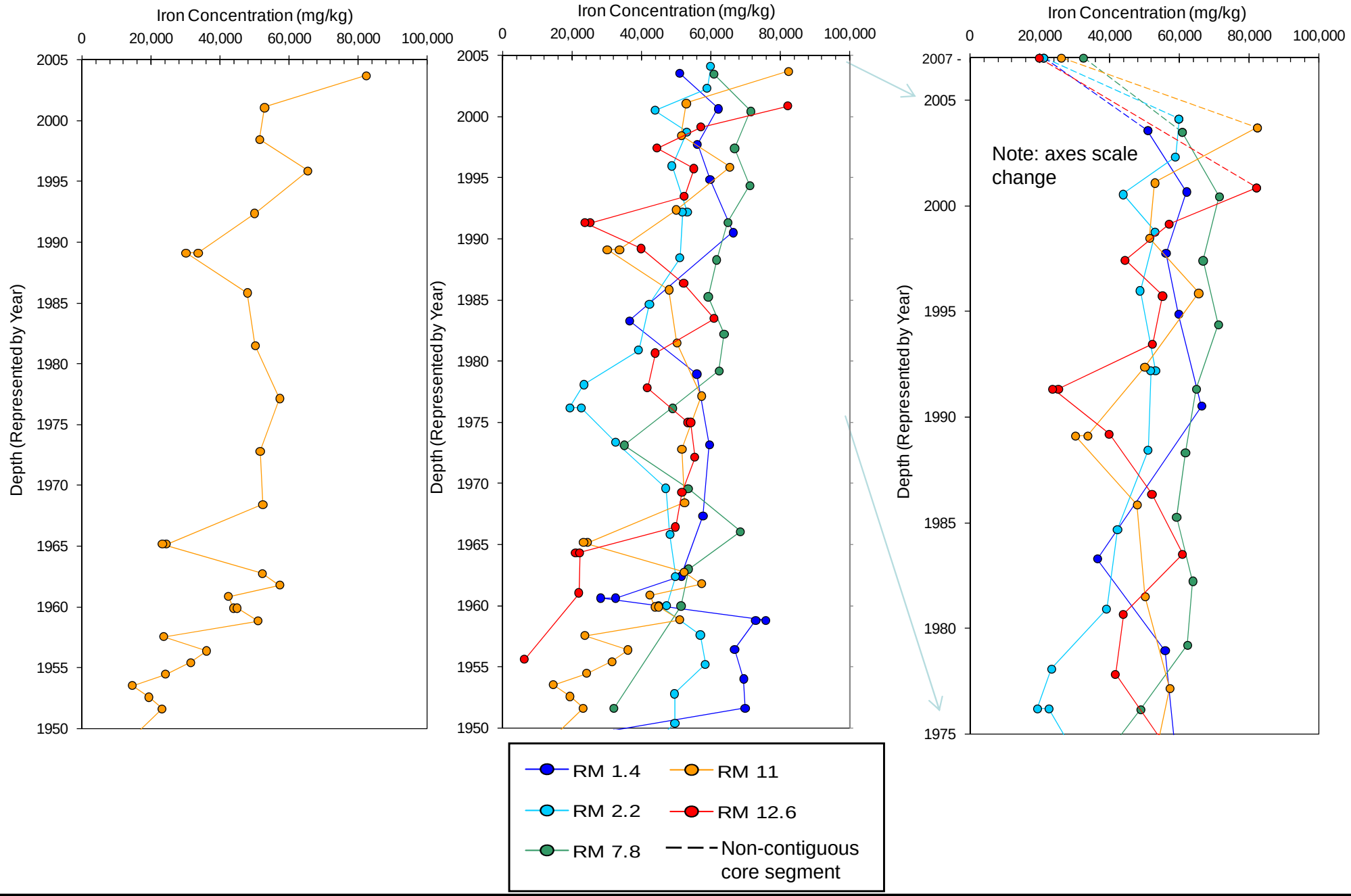


Dated Sediment Core Profile for Copper of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13c

September 2008

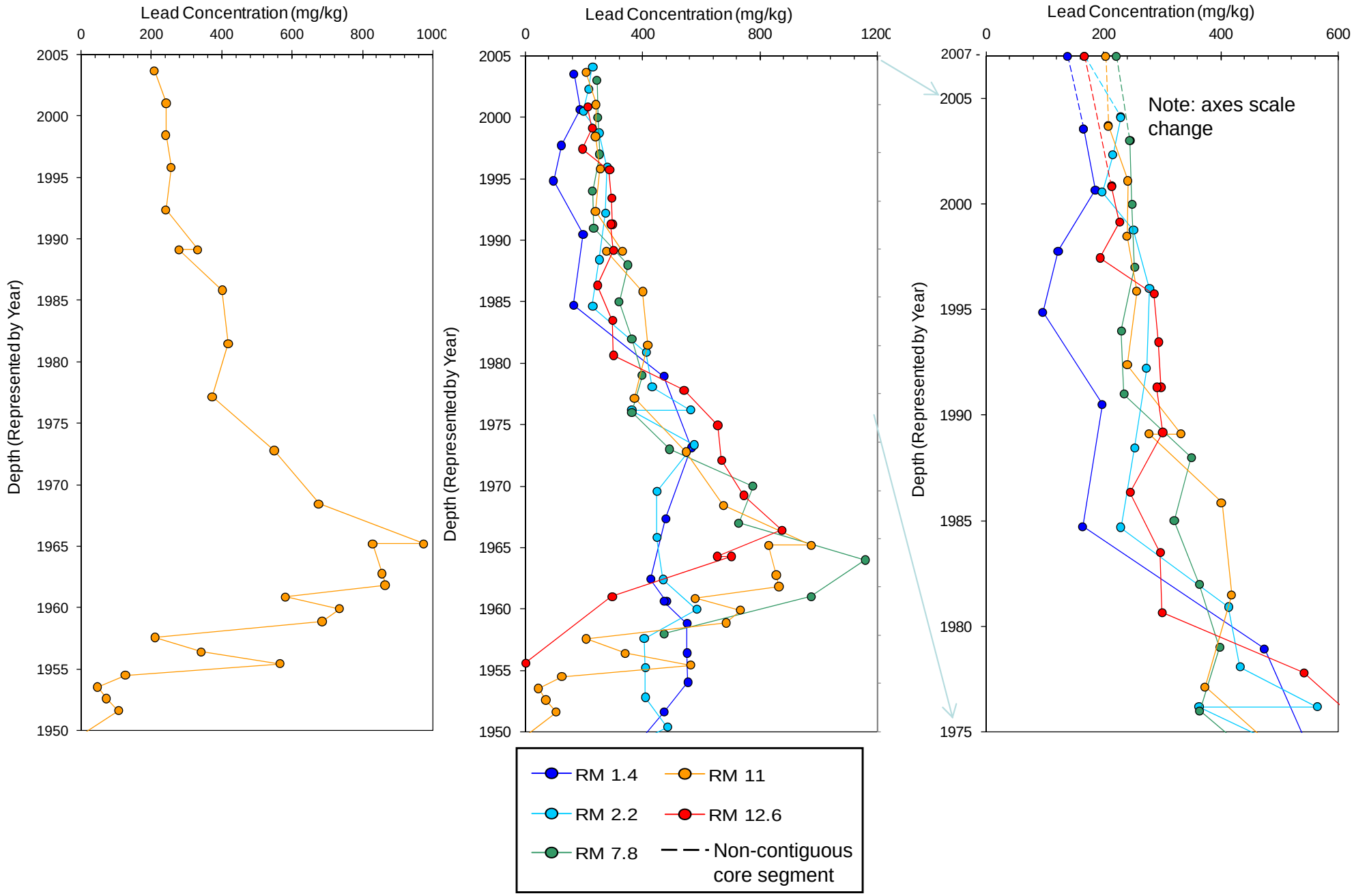


Dated Sediment Core Profile for Iron of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13d

September 2008

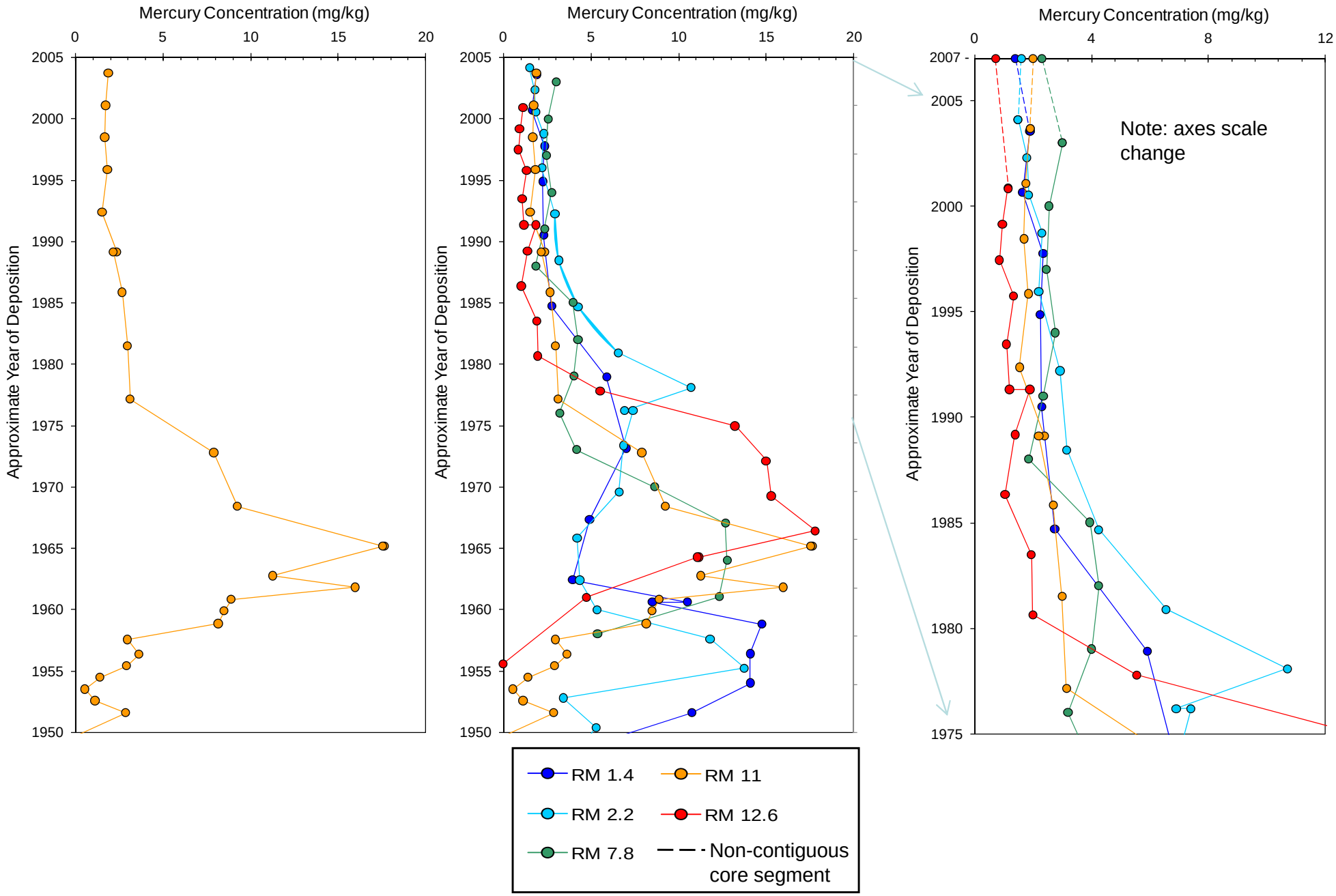


Dated Sediment Core Profile for Lead of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13e

September 2008

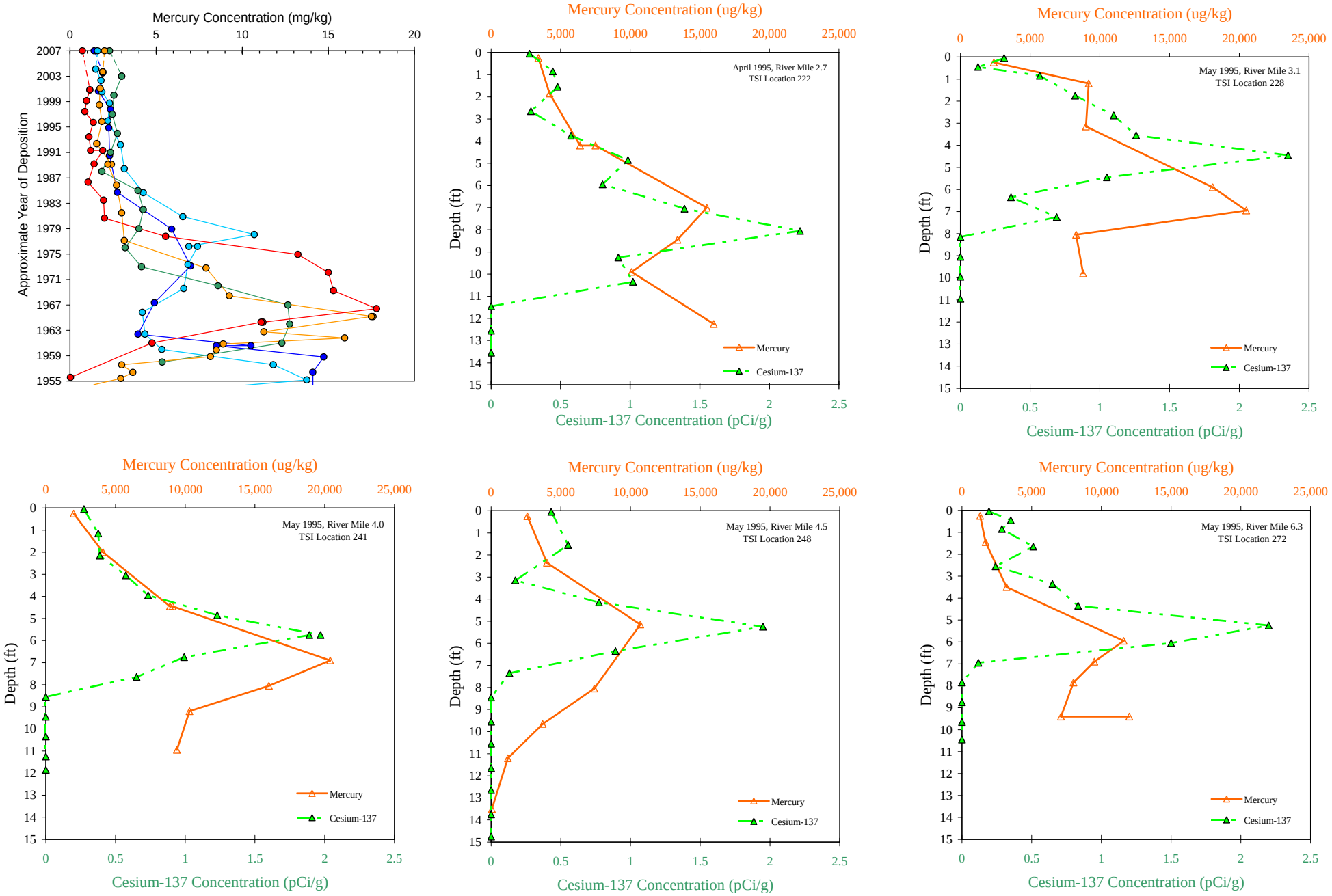


Dated Sediment Core Profile for Mercury of 2005 High Resolution Cores and 2007 Surface

Lower Passaic River Restoration Project

Figure 13-13f

September 2008



Mercury Downcore Profiles
1995 versus 2005 Comparison

Lower Passaic River Restoration Project

Figure 13-14

September 2008