

Attachment 1

Support for Geomorphic Groups for Additional Mapped COPCs

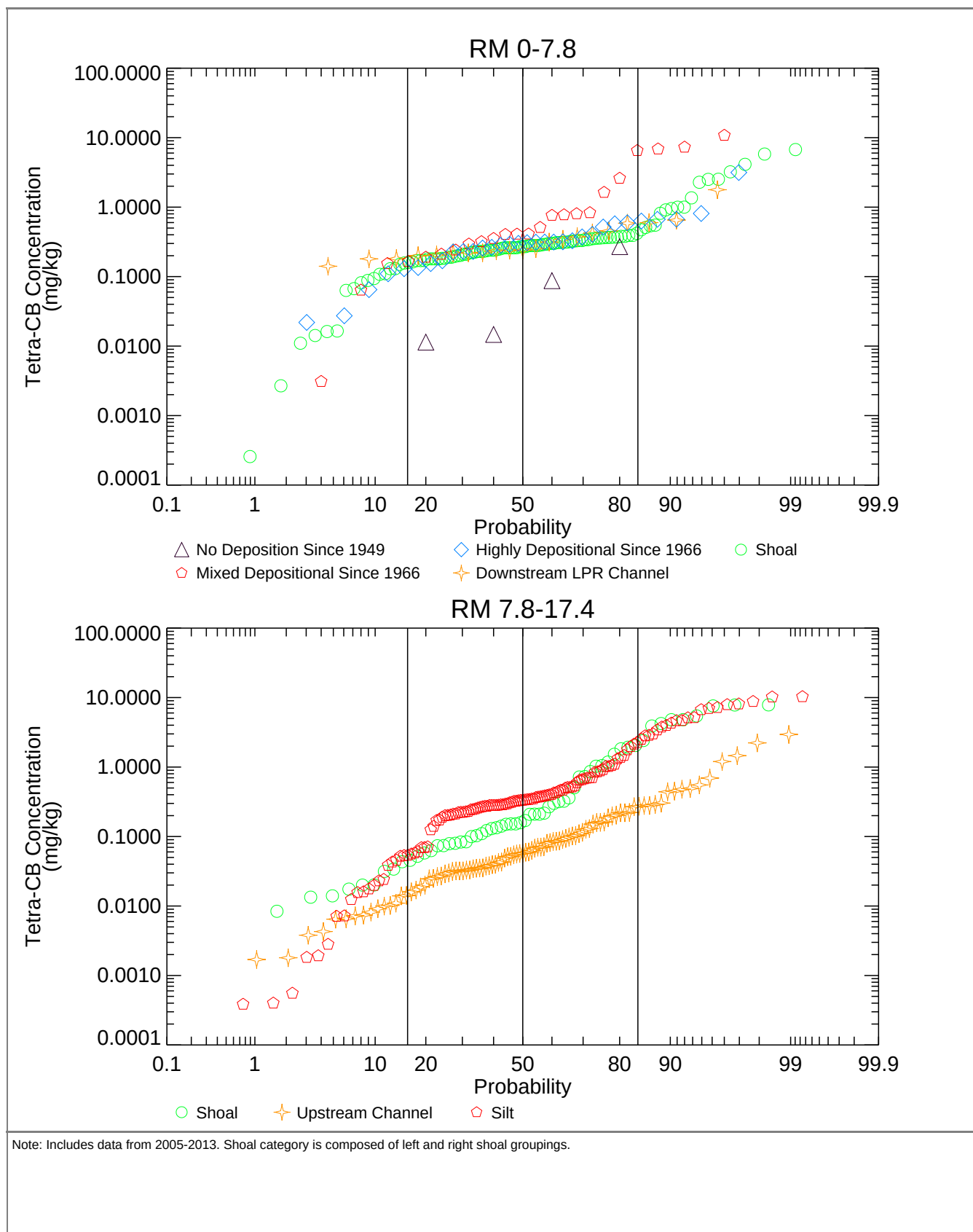
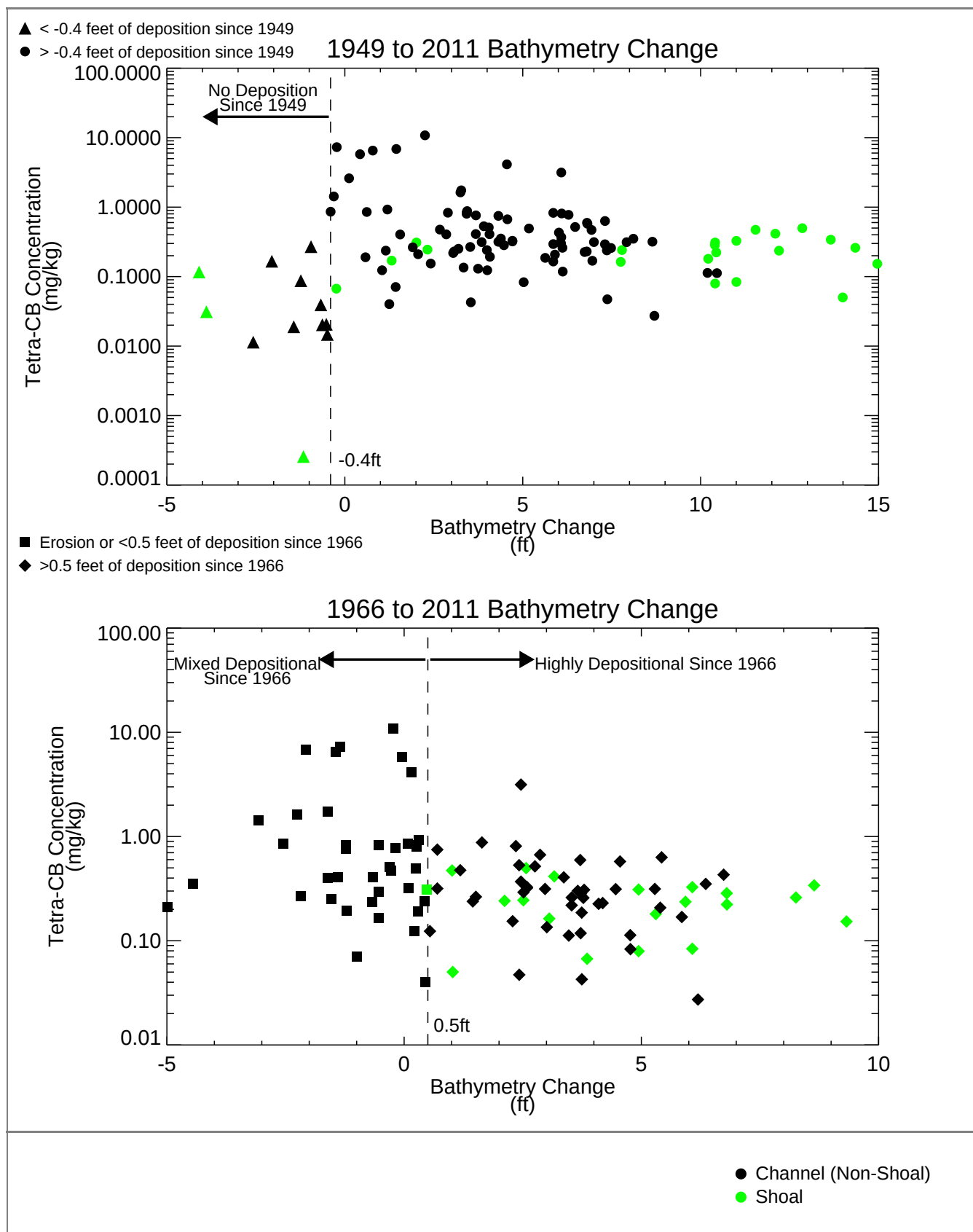


Figure 1

**Distribution of Surface Sediment Tetra-CB Concentration
Between RM 0 and 17.4 by Geomorphic Group**

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation/Feasibility Study

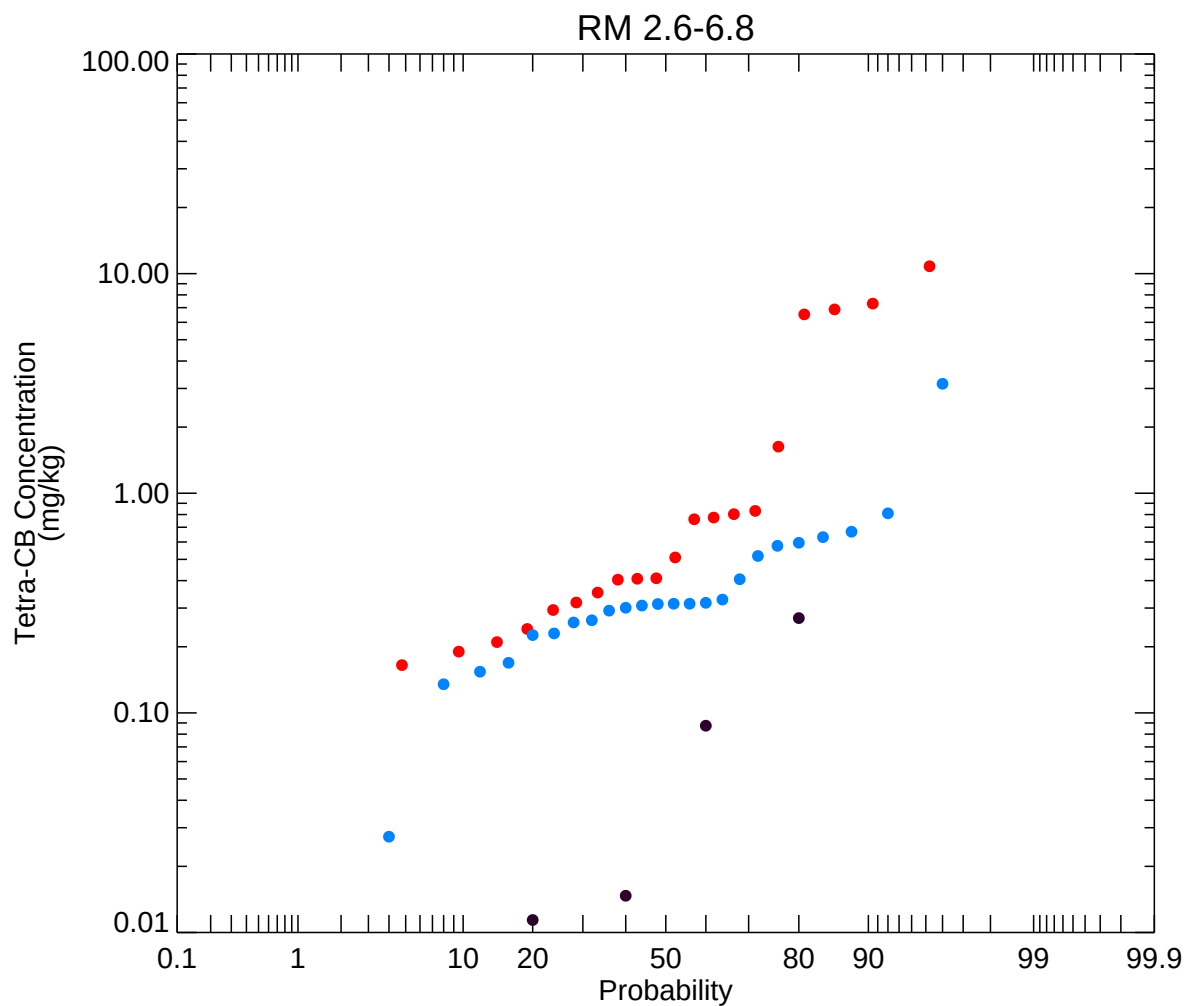


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File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\5\Appendix_J\code\Fig_3_3_copc_conc_vs_bathydiff_mapping_data_2panel.pro

Figure 2
Tetra-CB Surface Concentration Versus Bathymetry Change

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Note: Includes data from 2005-2013. Excludes data in the shoals

- No Deposition Since 1949
- Mixed Depositional Since 1966
- Highly Depositional Since 1966

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File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\5\Appendix_J\code\Fig_3_4_pascpg_probplot_mapgroups.pro

Figure 3

**Distribution of Surface Tetra-CB Concentration of Channel Geomorphic Groups
Between RM 2.6 and 6.8**

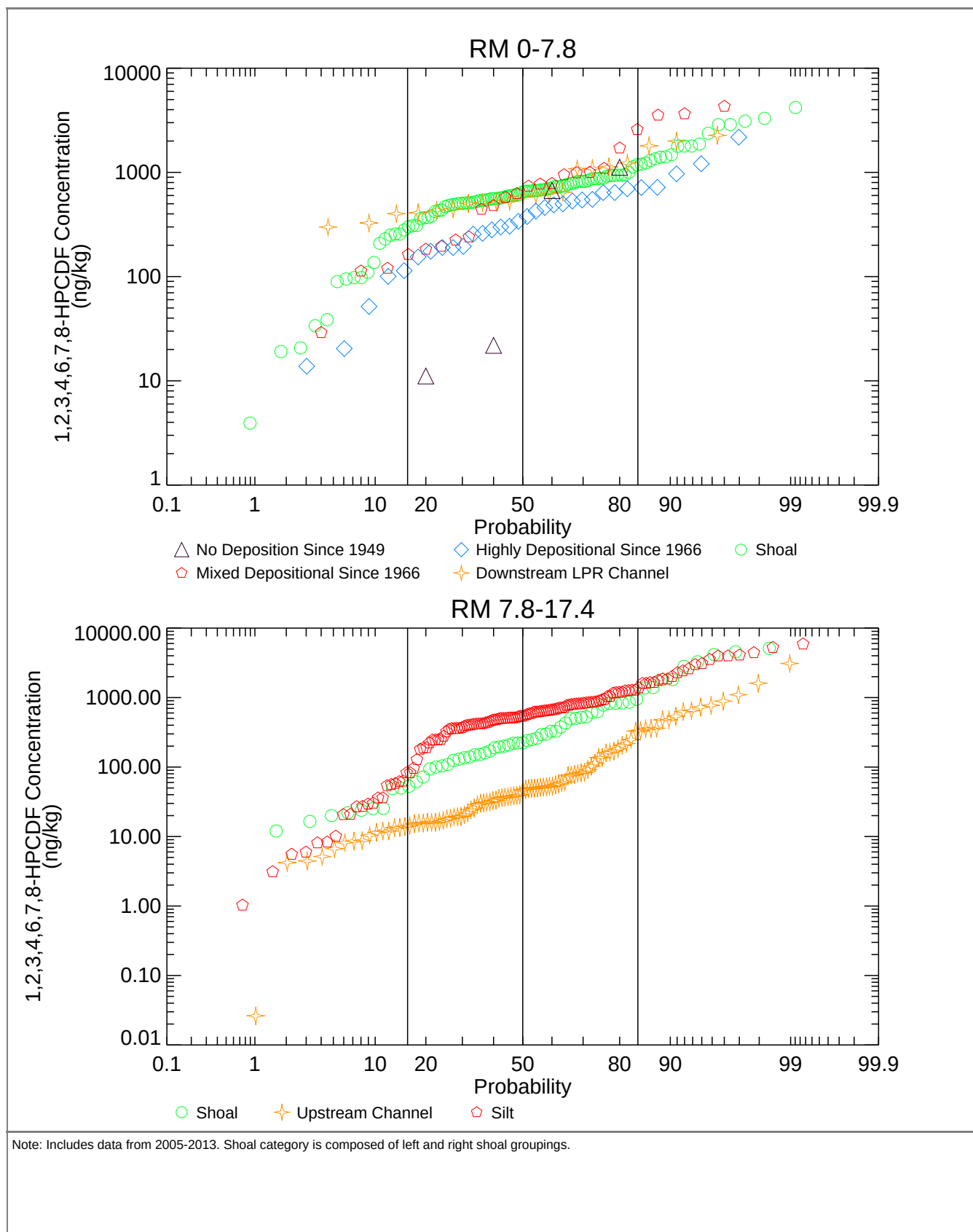


Figure 4

Distribution of Surface Sediment 1,2,3,4,6,7,8-HPCDF Concentration Between RM 0 and 17.4 by Geomorphic Group

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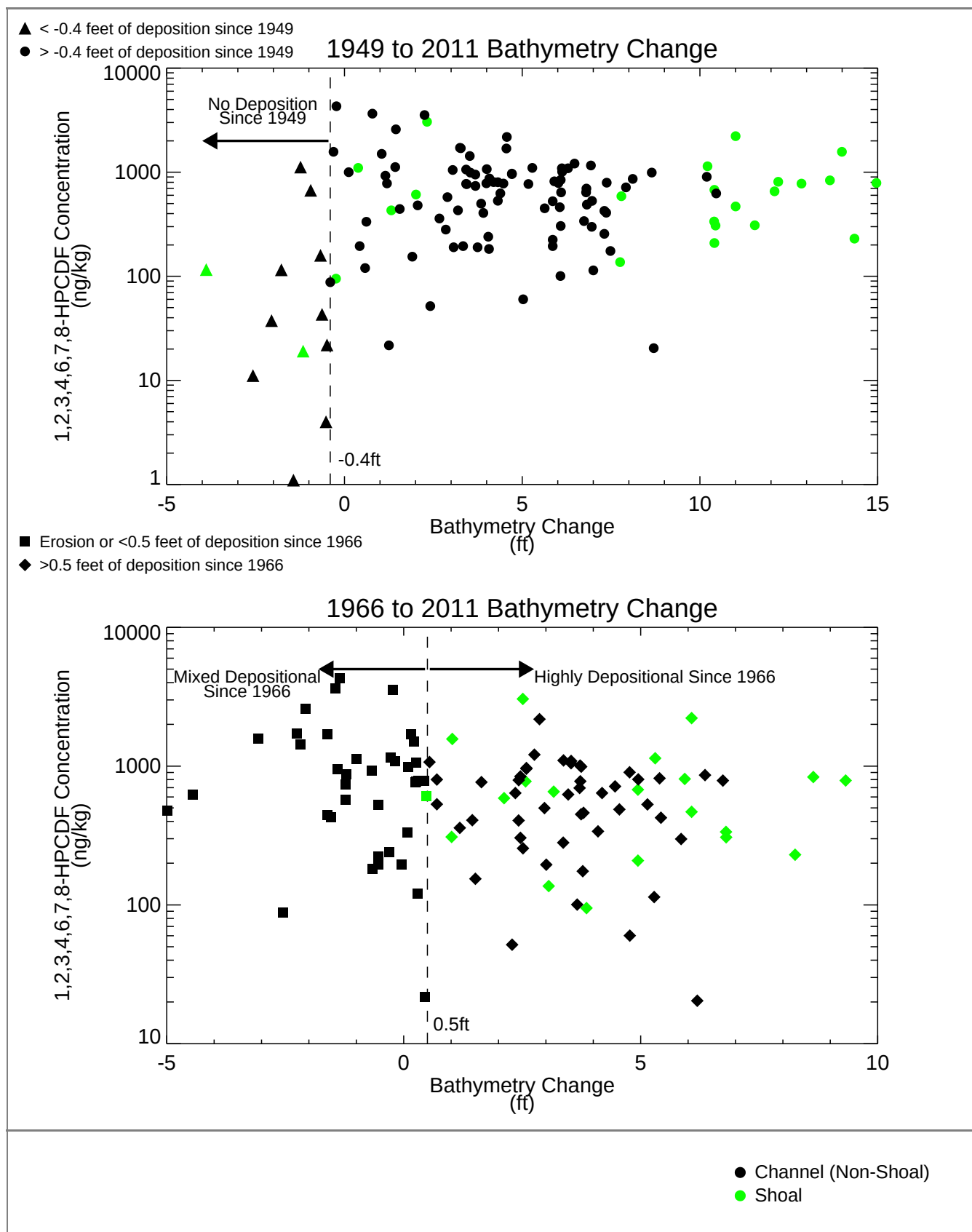
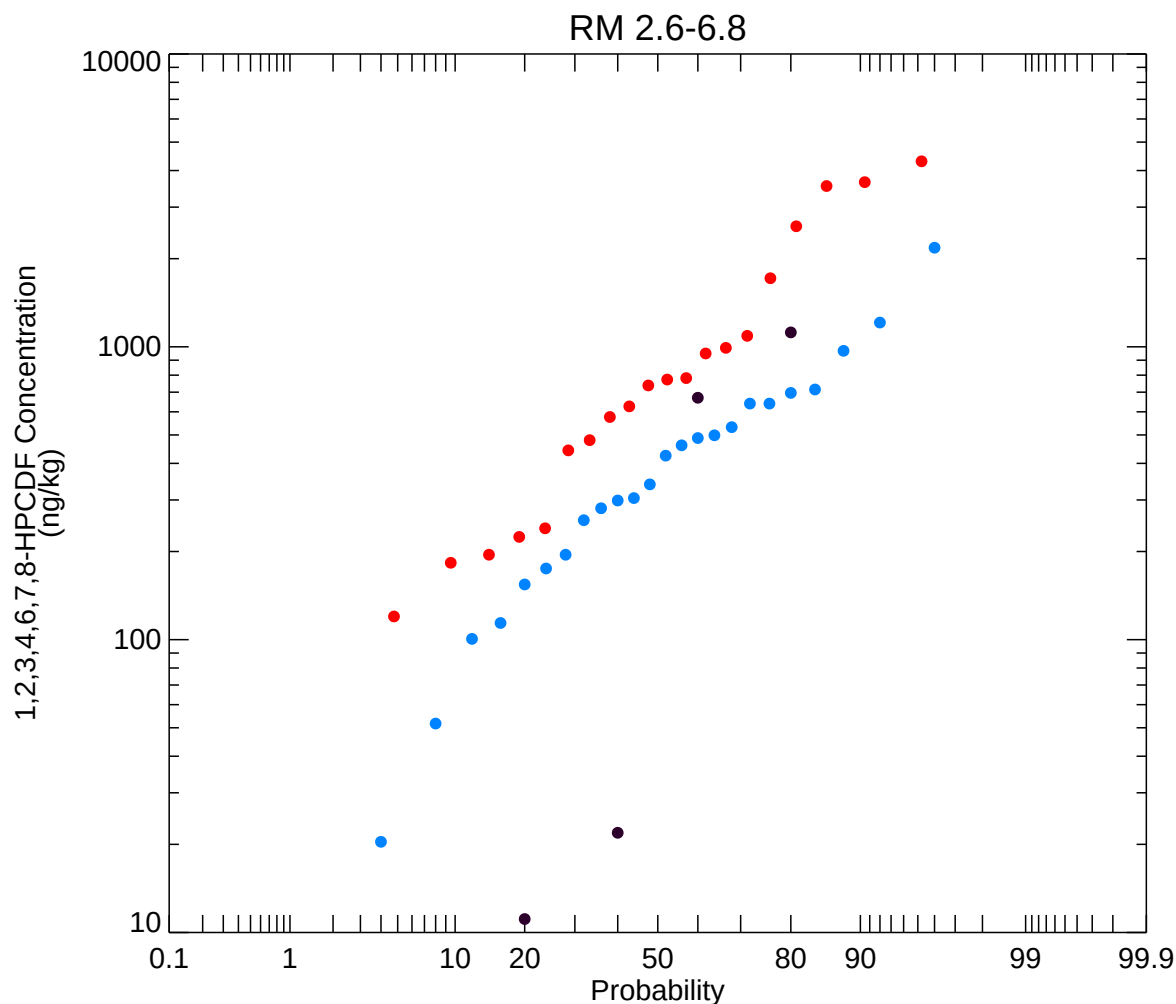


Figure 5

1,2,3,4,6,7,8-HPCDF Surface Concentration Versus Bathymetry Change

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Note: Includes data from 2005-2013. Excludes data in the shoals

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- Highly Depositional Since 1966

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File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\5\Appendix_J\code\Fig_3_4_pascpg_probplot_mapgroups.pro

Figure 6
Distribution of Surface 1,2,3,4,6,7,8-HPCDF Concentration of Channel Geomorphic Groups
Between RM 2.6 and 6.8

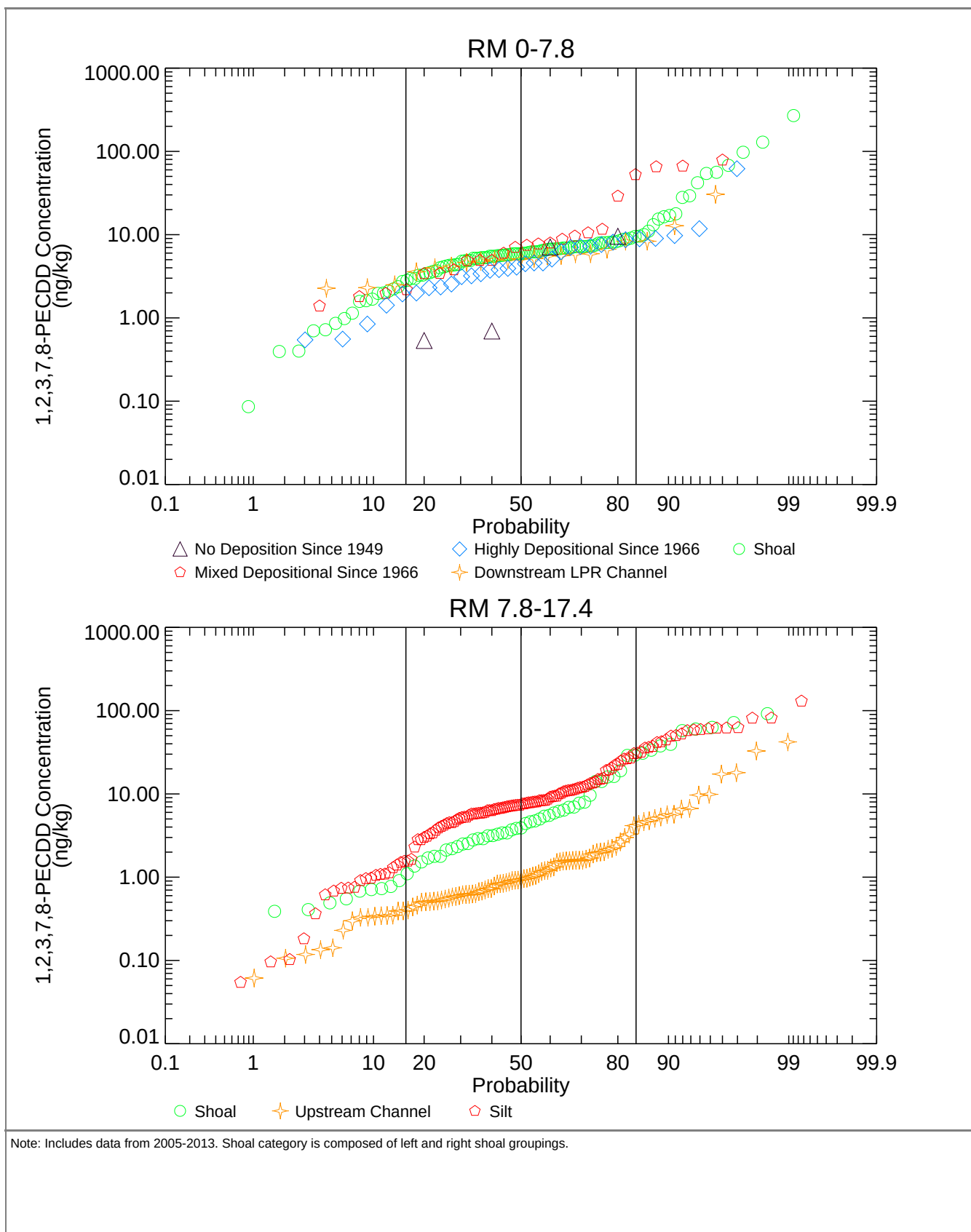


Figure 7

**Distribution of Surface Sediment 1,2,3,7,8-PECDD Concentration
Between RM 0 and 17.4 by Geomorphic Group**

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Lower Passaic River Study Area Remedial Investigation/Feasibility Study

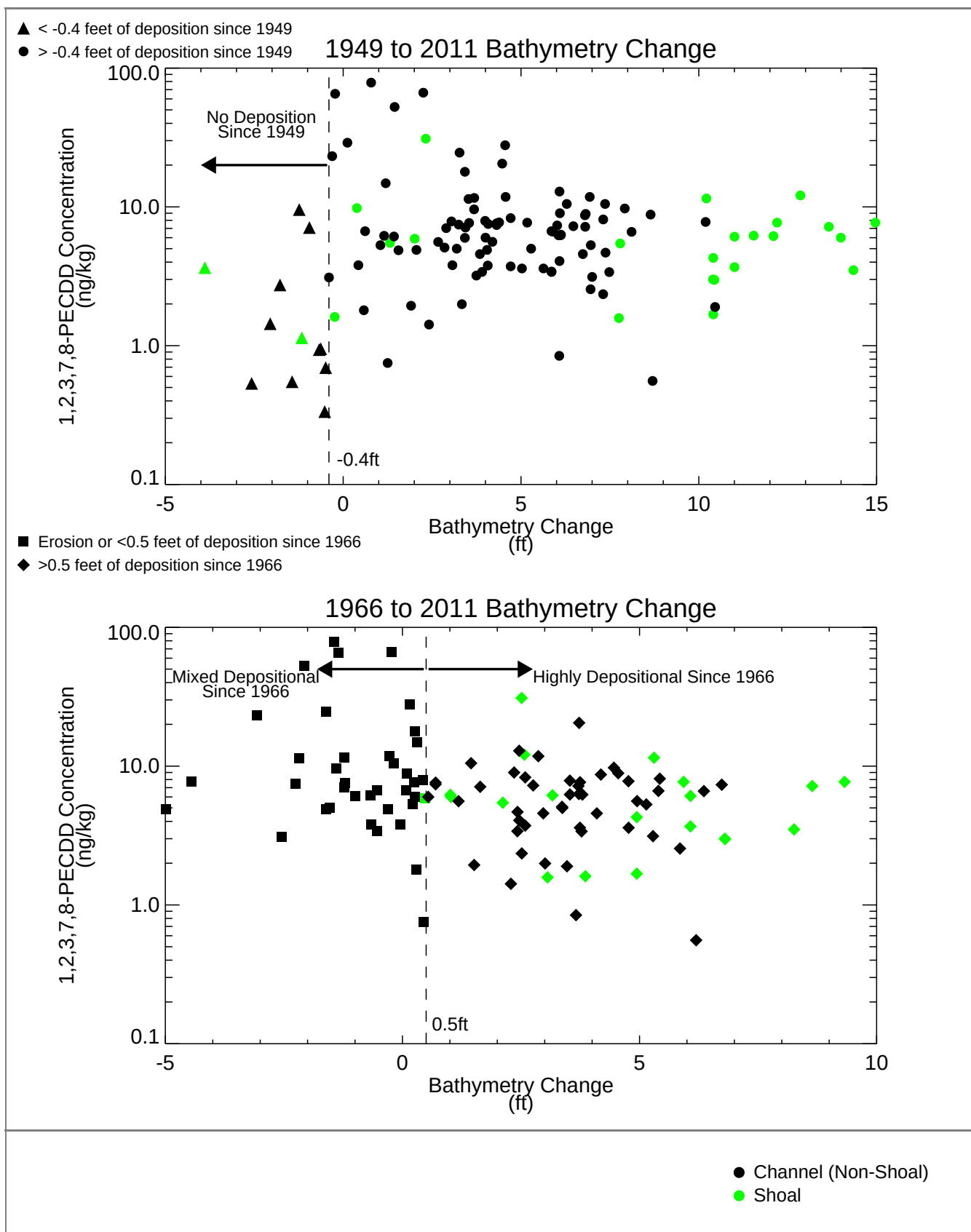
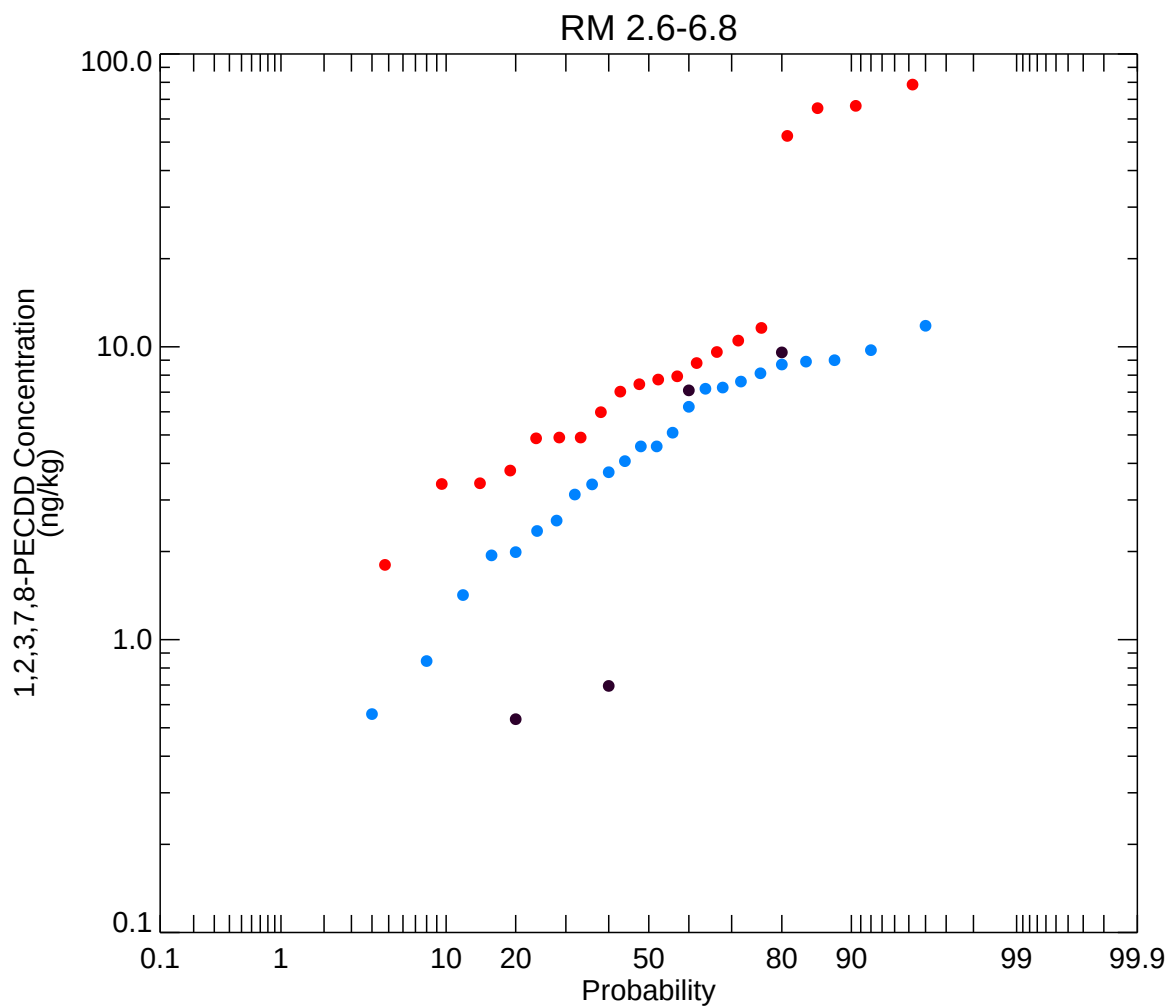


Figure 8

1,2,3,7,8-PECDD Surface Concentration Versus Bathymetry Change

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Note: Includes data from 2005-2013. Excludes data in the shoals

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- Mixed Depositional Since 1966
- Highly Depositional Since 1966

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File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\5\Appendix_J\code\Fig_3_4_pascpg_probplot_mapgroups.pro

Figure 9

**Distribution of Surface 1,2,3,7,8-PECDD Concentration of Channel Geomorphic Groups
Between RM 2.6 and 6.8**

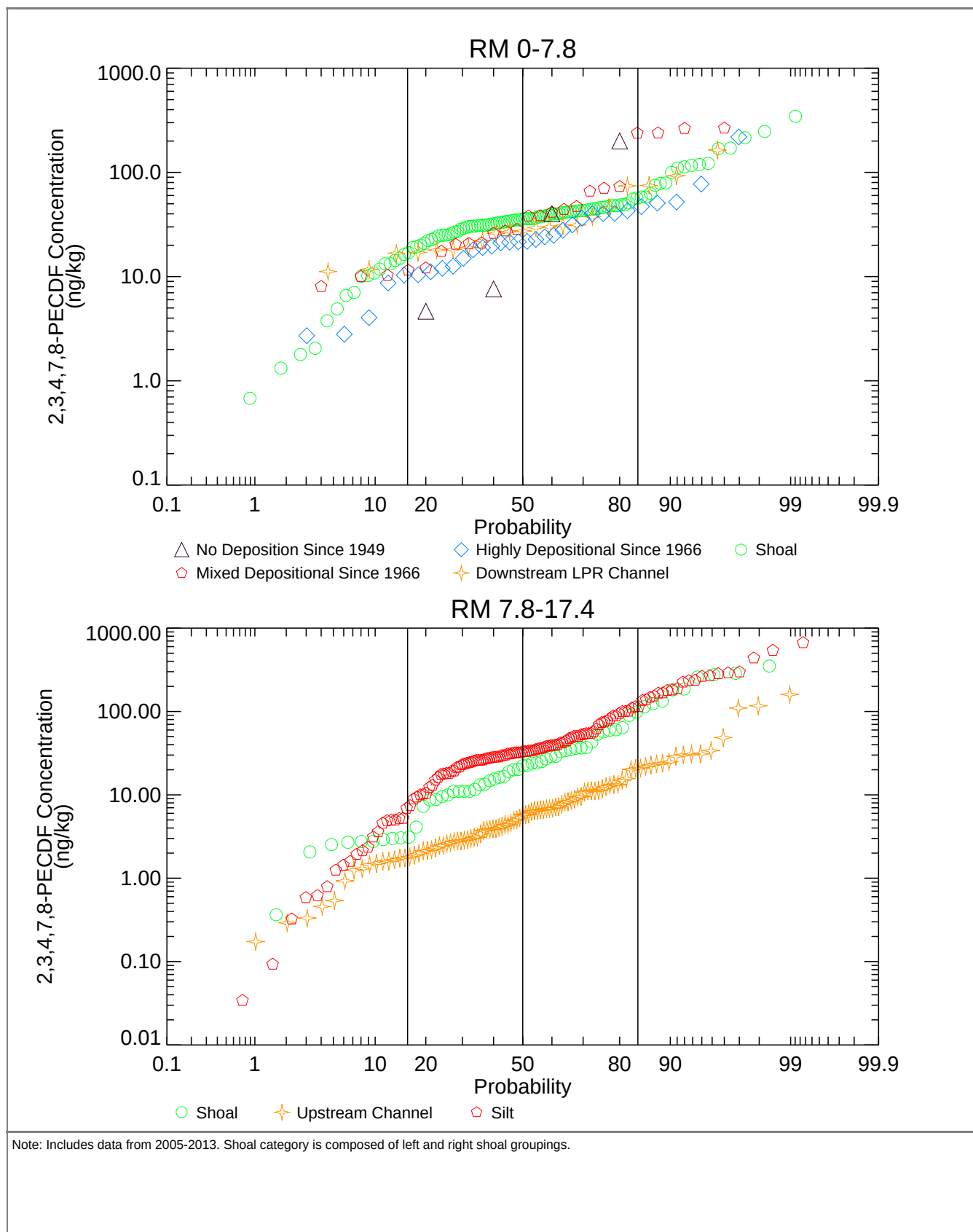
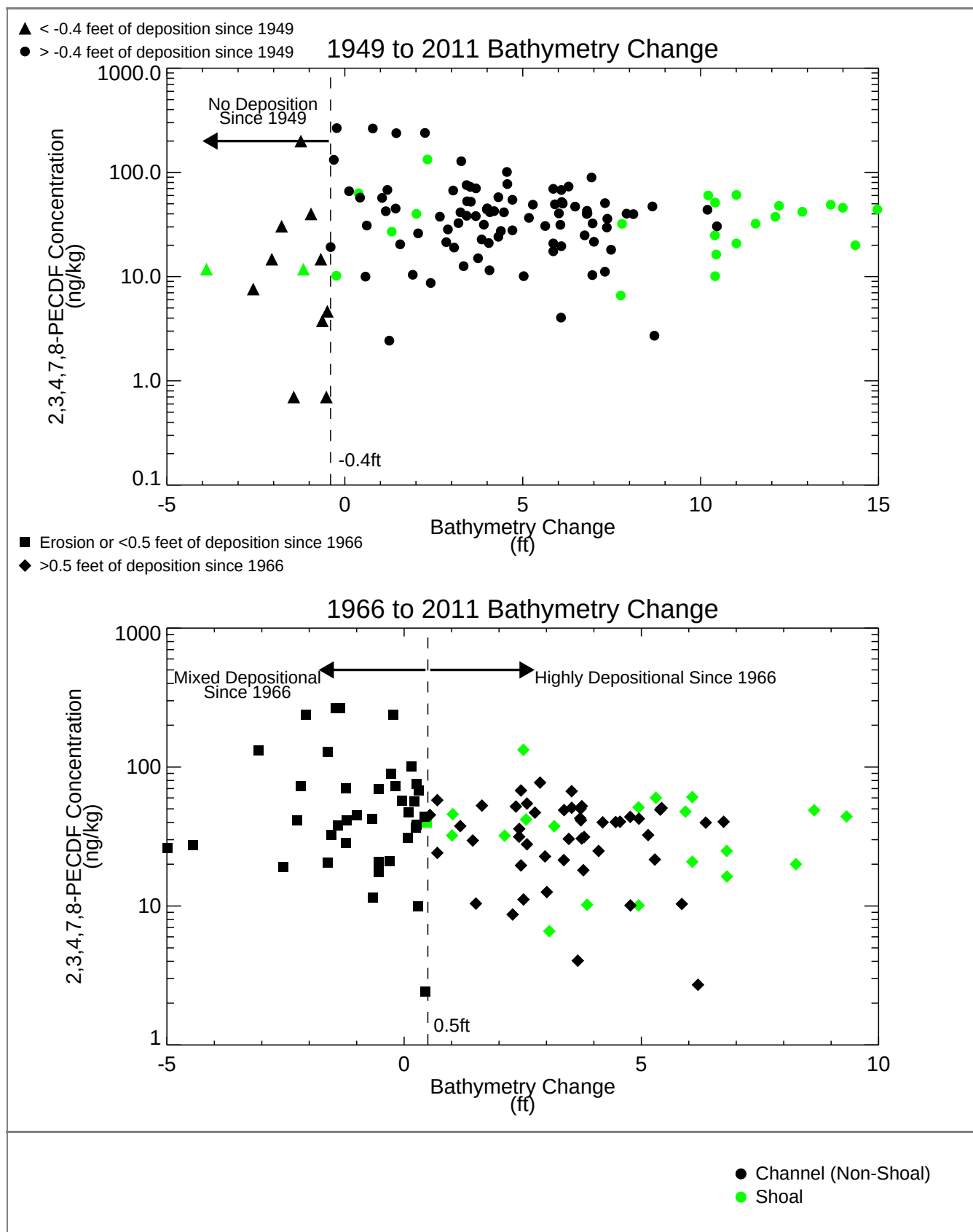


Figure 10

**Distribution of Surface Sediment 2,3,4,7,8-PECDF Concentration
Between RM 0 and 17.4 by Geomorphic Group**

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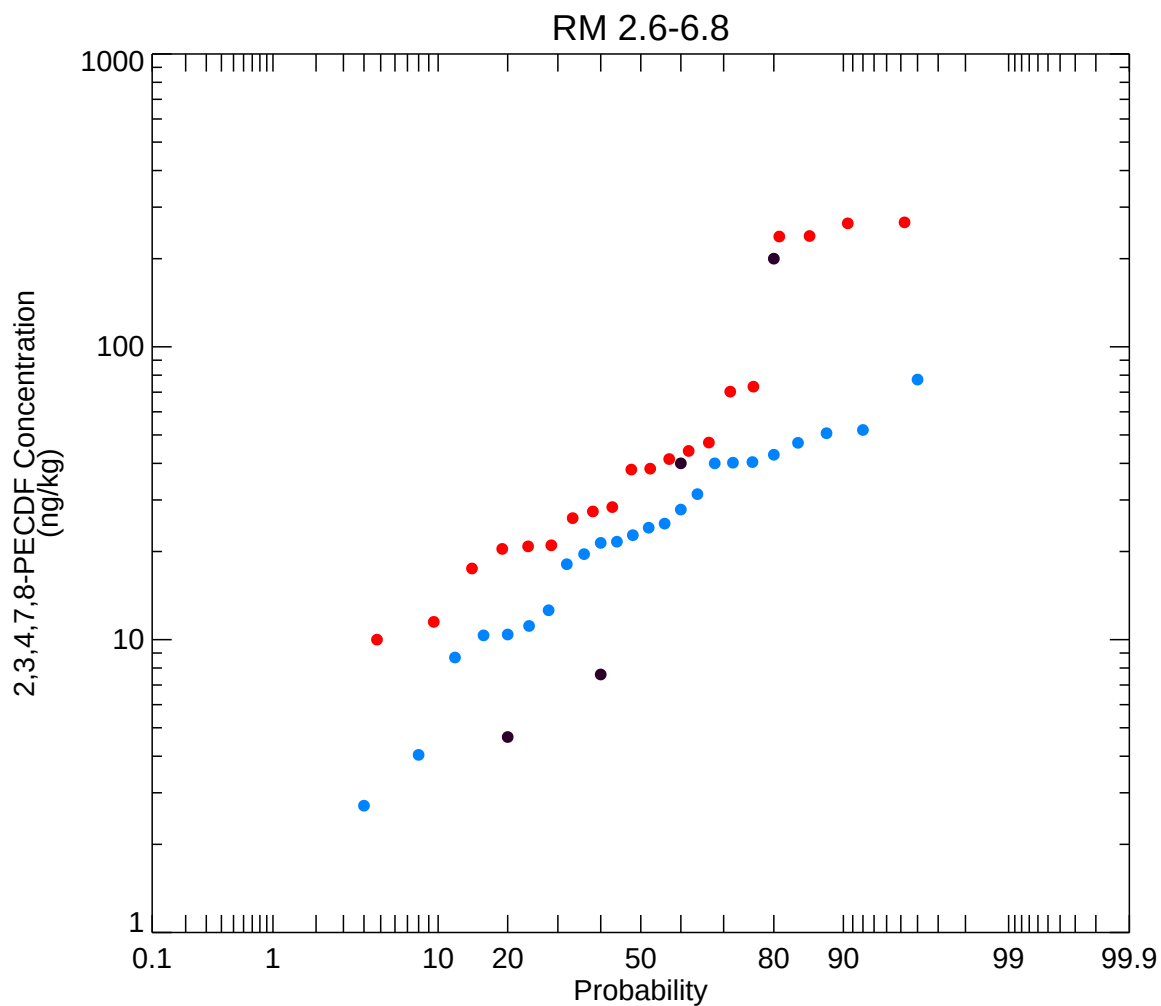


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Figure 11
2,3,4,7,8-PECDF Surface Concentration Versus Bathymetry Change

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Note: Includes data from 2005-2013. Excludes data in the shoals

- No Deposition Since 1949
- Mixed Depositional Since 1966
- Highly Depositional Since 1966

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Figure 12

**Distribution of Surface 2,3,4,7,8-PECDF Concentration of Channel Geomorphic Groups
Between RM 2.6 and 6.8**

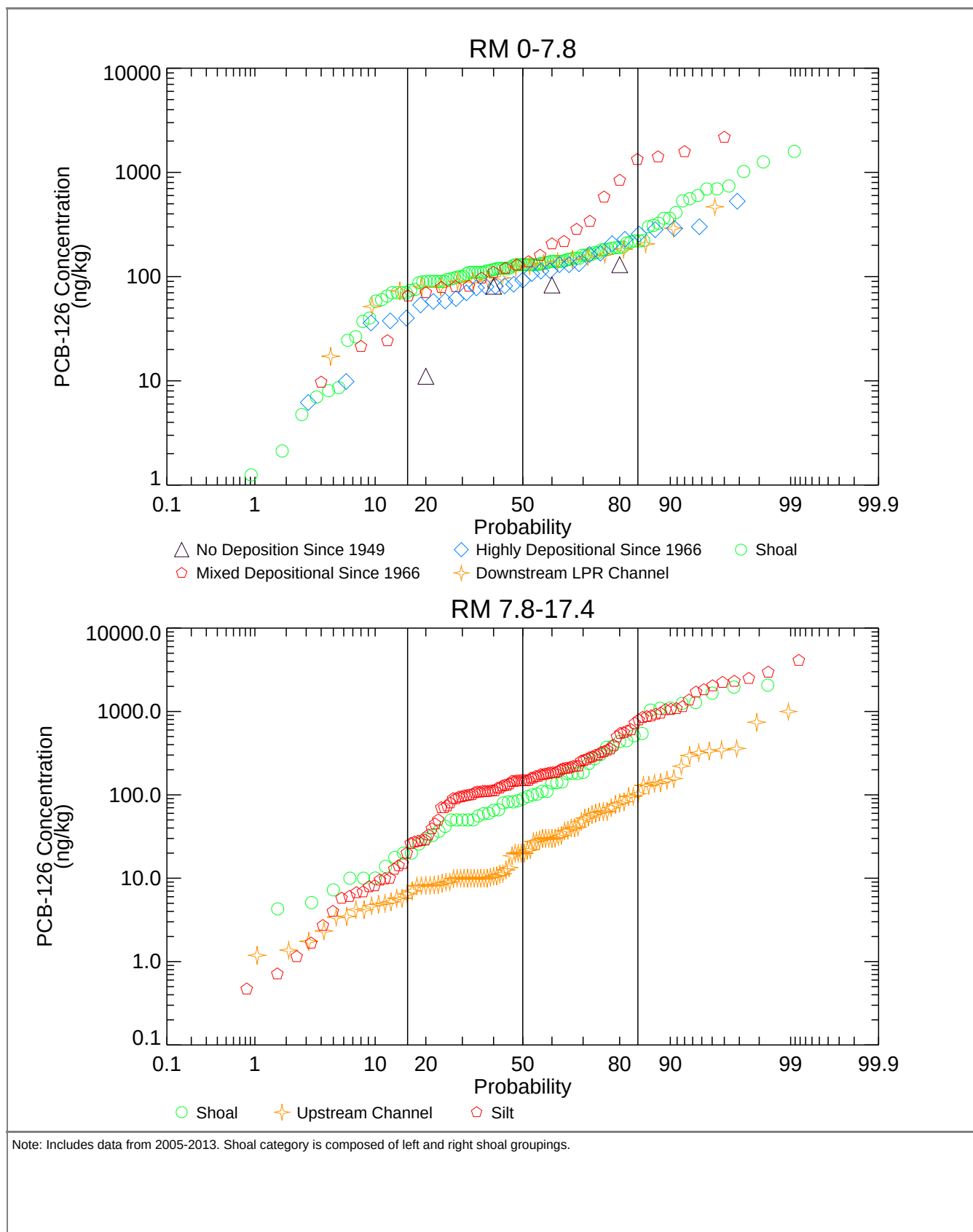
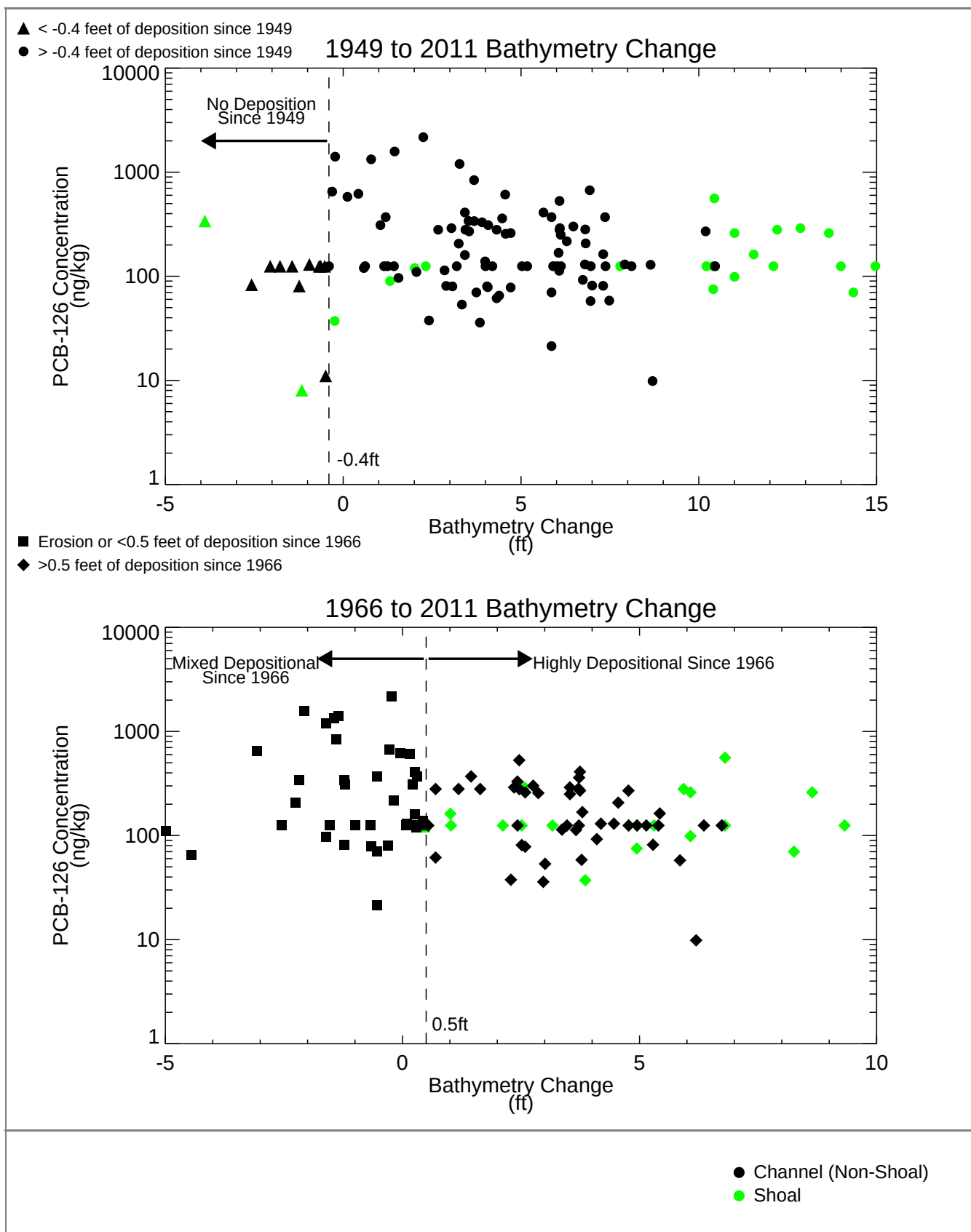


Figure 13

**Distribution of Surface Sediment PCB-126 Concentration
Between RM 0 and 17.4 by Geomorphic Group**

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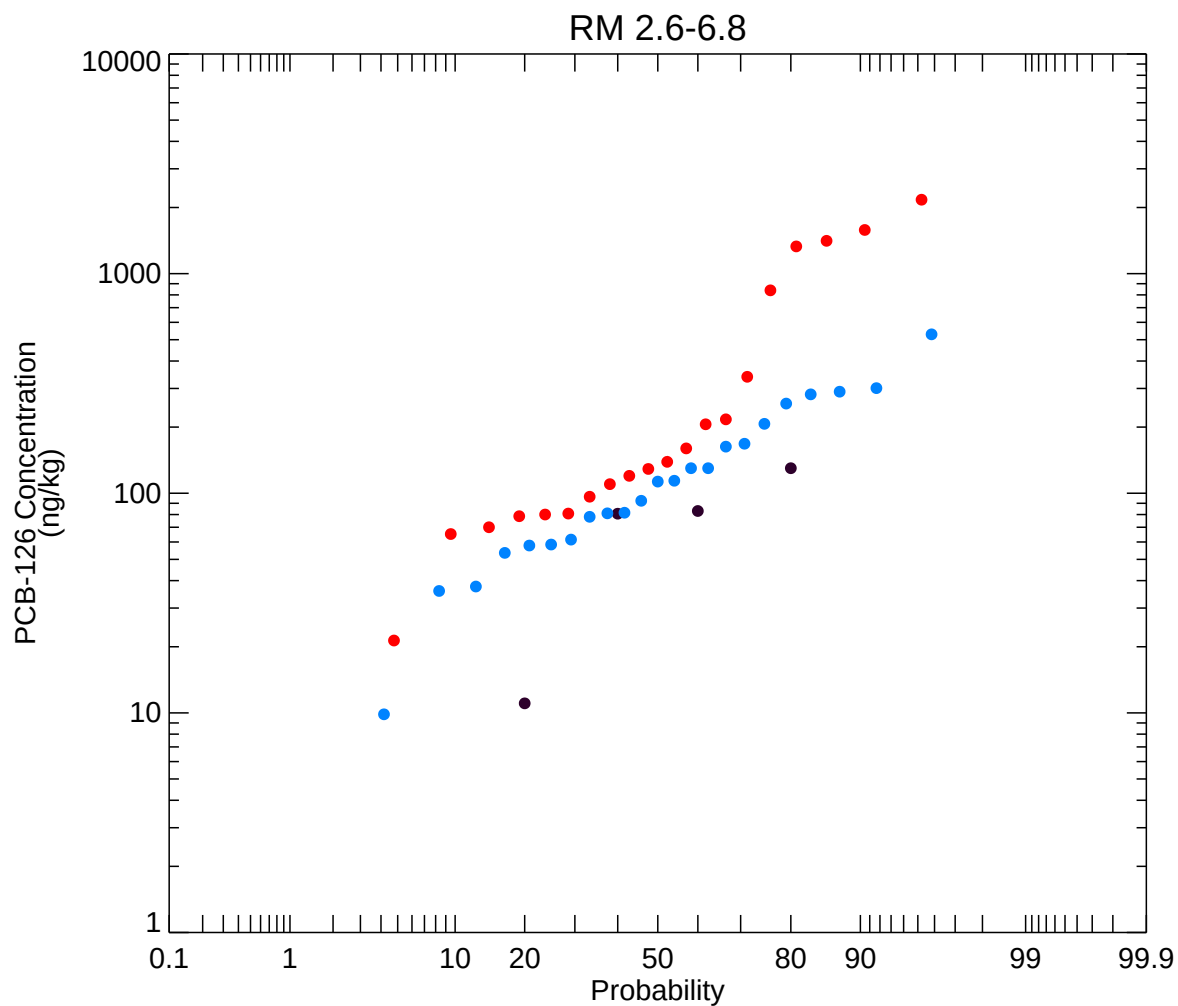


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File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\v5\Appendix_J\code\Fig_3_3_copc_conc_vs_bathydiff_mapping_data_2panel.pro

Figure 14
PCB-126 Surface Concentration Versus Bathymetry Change

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Note: Includes data from 2005-2013. Excludes data in the shoals

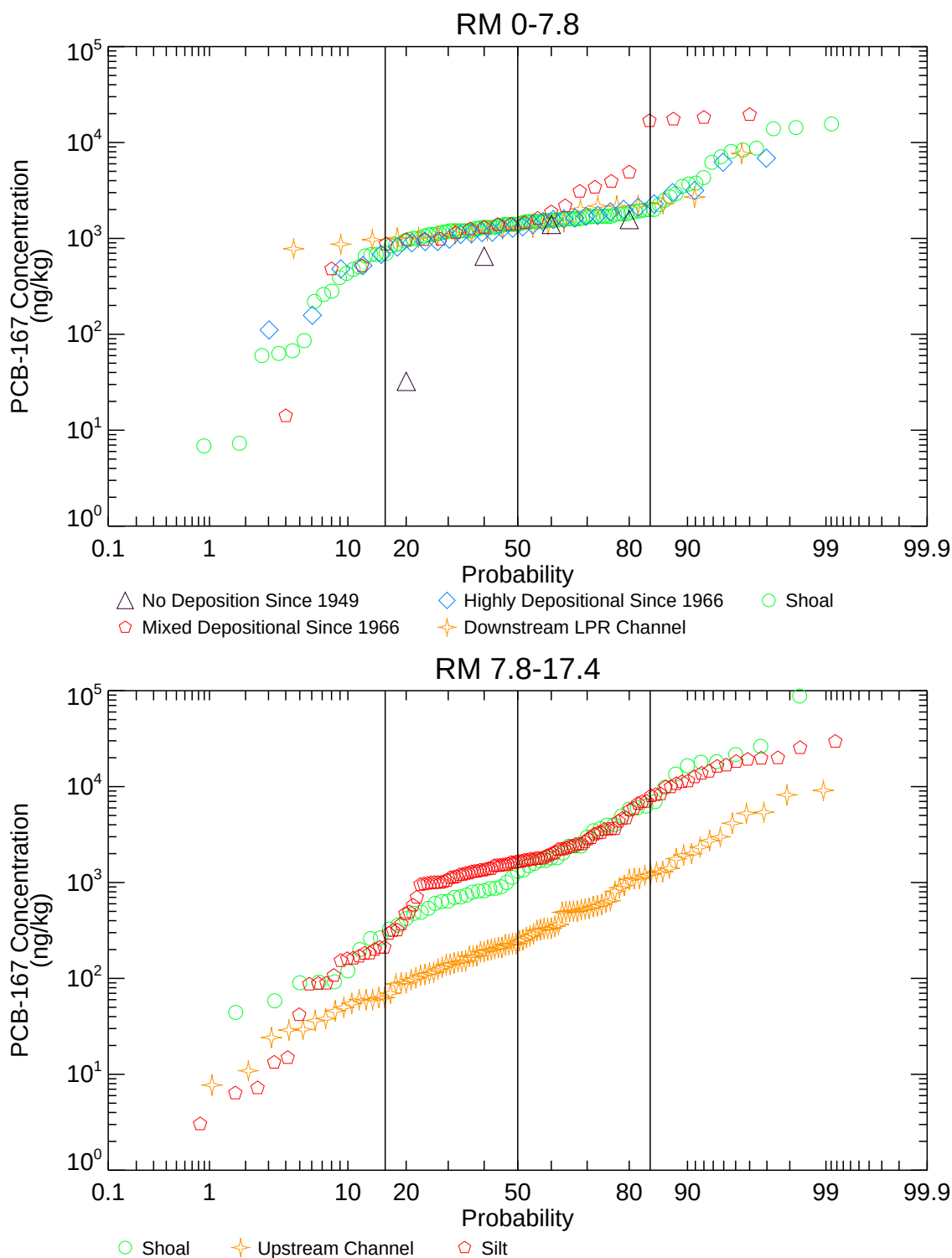
- No Deposition Since 1949
- Mixed Depositional Since 1966
- Highly Depositional Since 1966

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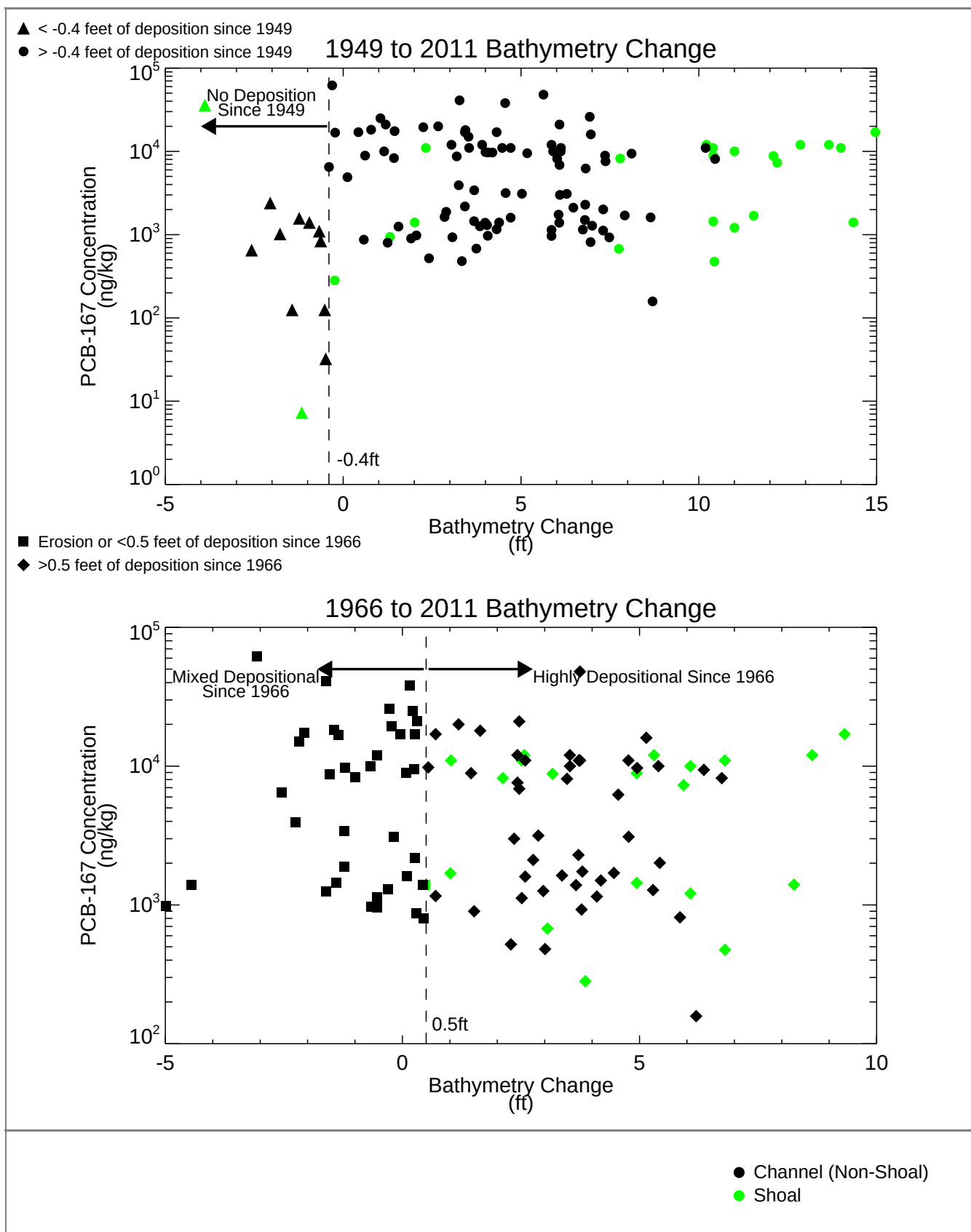
Figure 15

**Distribution of Surface PCB-126 Concentration of Channel Geomorphic Groups
Between RM 2.6 and 6.8**



Note: Includes data from 2005-2013. Shoal category is composed of left and right shoal groupings.

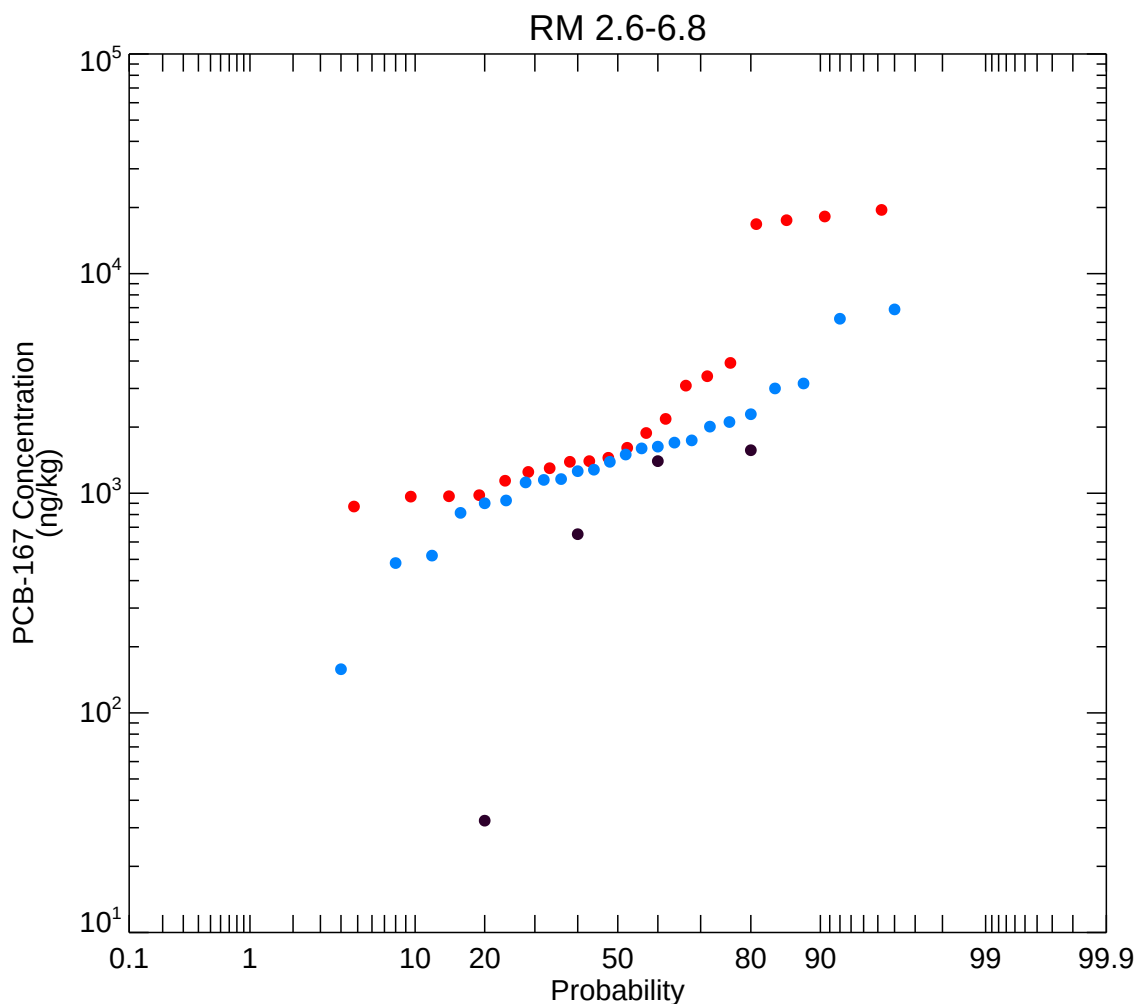
Figure 16
Distribution of Surface Sediment PCB-167 Concentration
Between RM 0 and 17.4 by Geomorphic Group



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File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\5\Appendix_J\code\Fig_3_3_copc_conc_vs_bathydiff_mapping_data_2panel.pro

Figure 17
PCB-167 Surface Concentration Versus Bathymetry Change

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Lower Passaic River Study Area Remedial Investigation/Feasibility Study



Note: Includes data from 2005-2013. Excludes data in the shoals

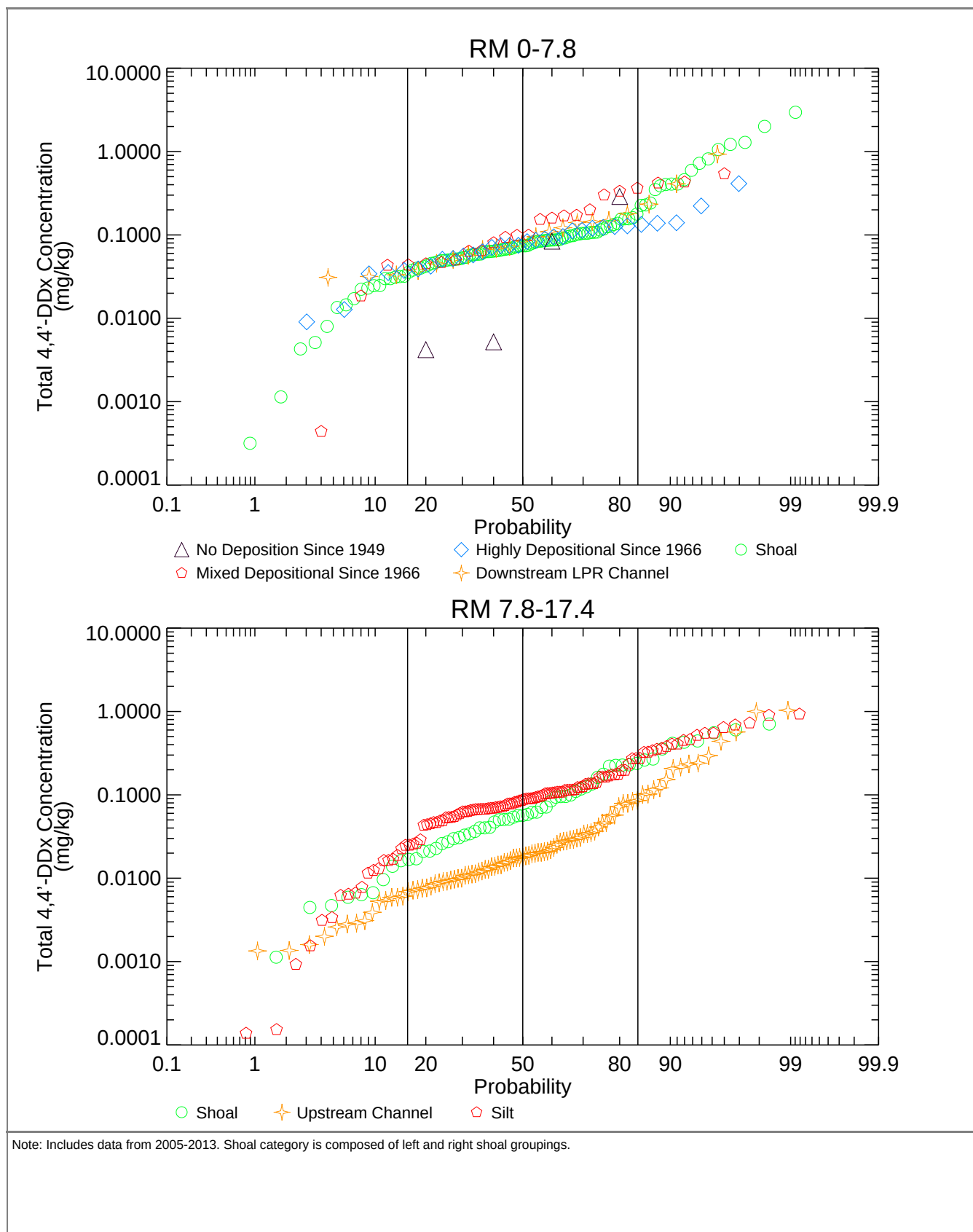
- No Deposition Since 1949
- Mixed Depositional Since 1966
- Highly Depositional Since 1966

Publish Date: 06/20/2019 11:50 | User: sm/ch

File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\5\Appendix_J\code\Fig_3_4_pascpg_probplot_mapgroups.pro

Figure 18

**Distribution of Surface PCB-167 Concentration of Channel Geomorphic Groups
Between RM 2.6 and 6.8**



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Figure 19
Distribution of Surface Sediment Total 4,4'-DDx Concentration
Between RM 0 and 17.4 by Geomorphic Group

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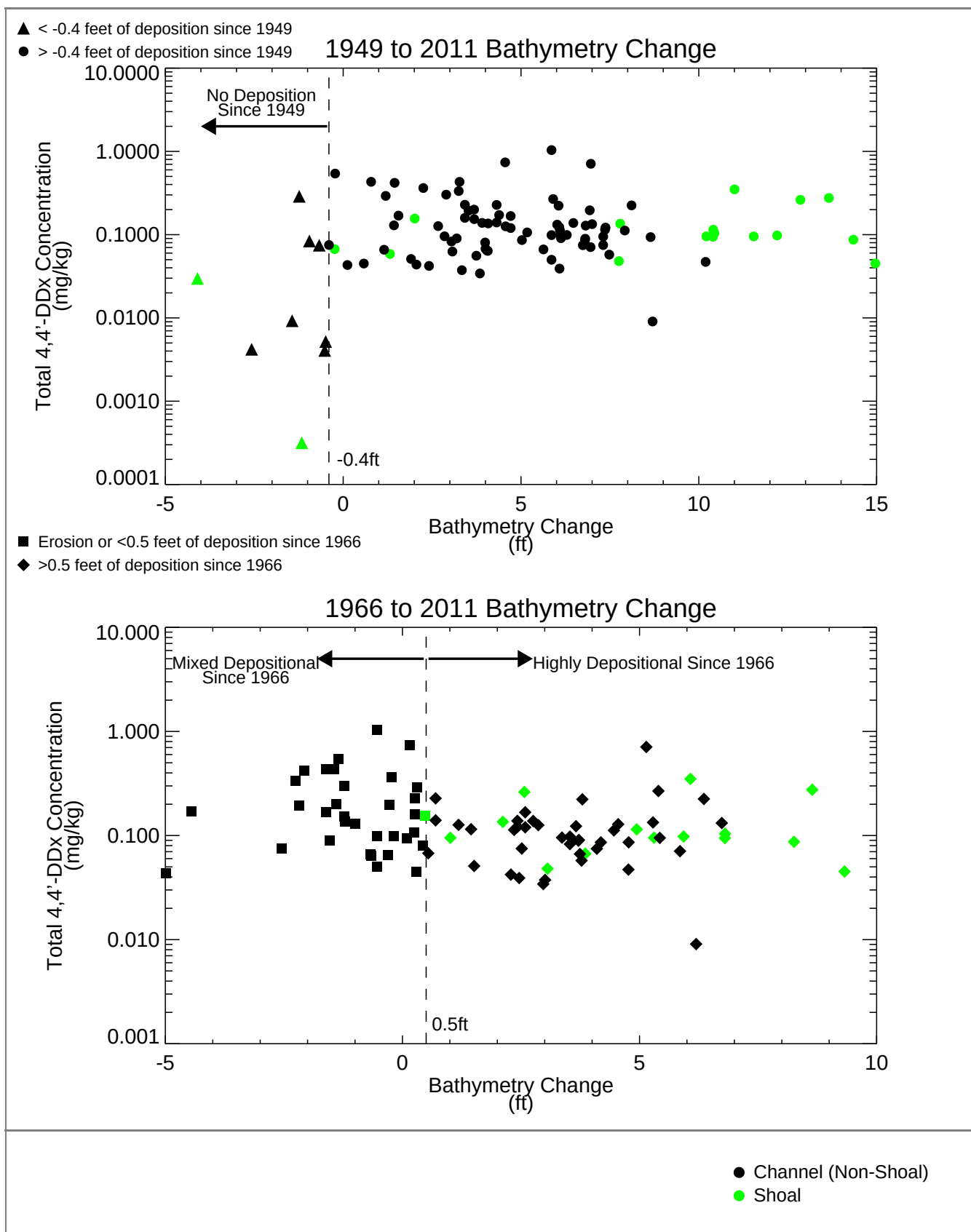
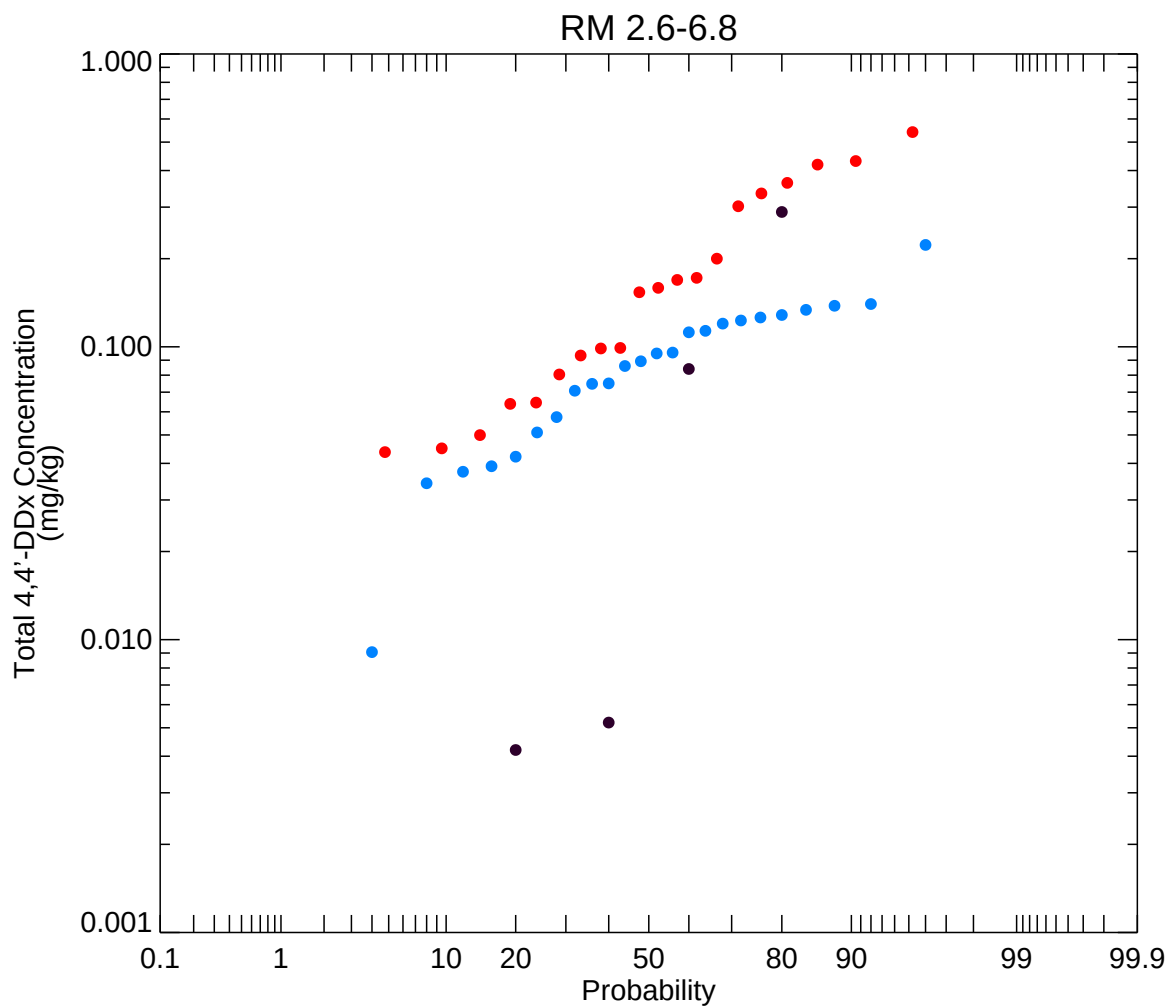


Figure 20

Total 4,4'-DDx Surface Concentration Versus Bathymetry Change

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Lower Passaic River Study Area Remedial Investigation/Feasibility Study



Note: Includes data from 2005-2013. Excludes data in the shoals

- No Deposition Since 1949
- Mixed Depositional Since 1966
- Highly Depositional Since 1966

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File Path: H:\Passaic_CPG\DOCUMENTS\2019\RI_Report\source\5\Appendix_J\code\Fig_3_4_pascpg_probplot_mapgroups.pro

Figure 21

Distribution of Surface Total 4,4'-DDx Concentration of Channel Geomorphic Groups Between RM 2.6 and 6.8

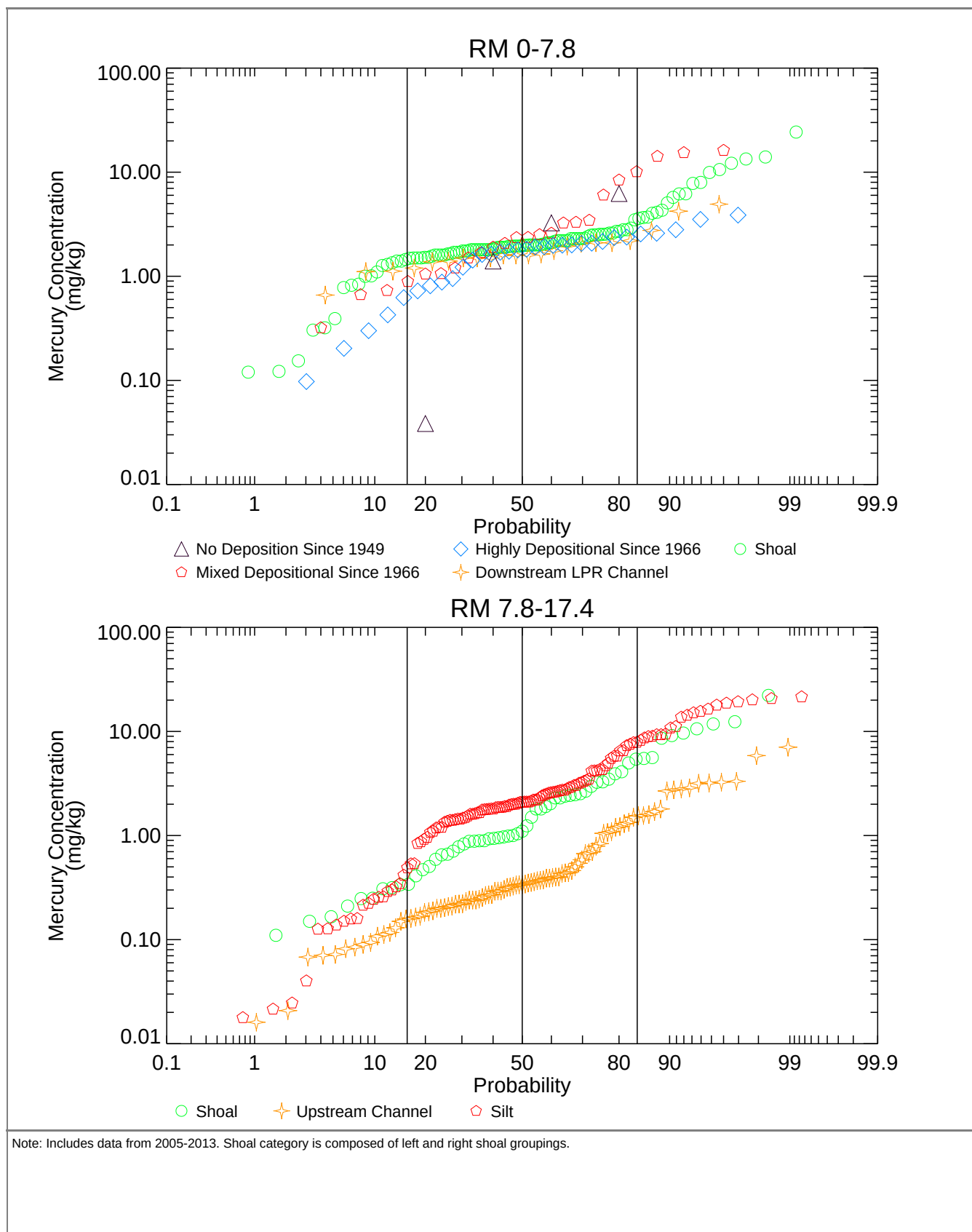
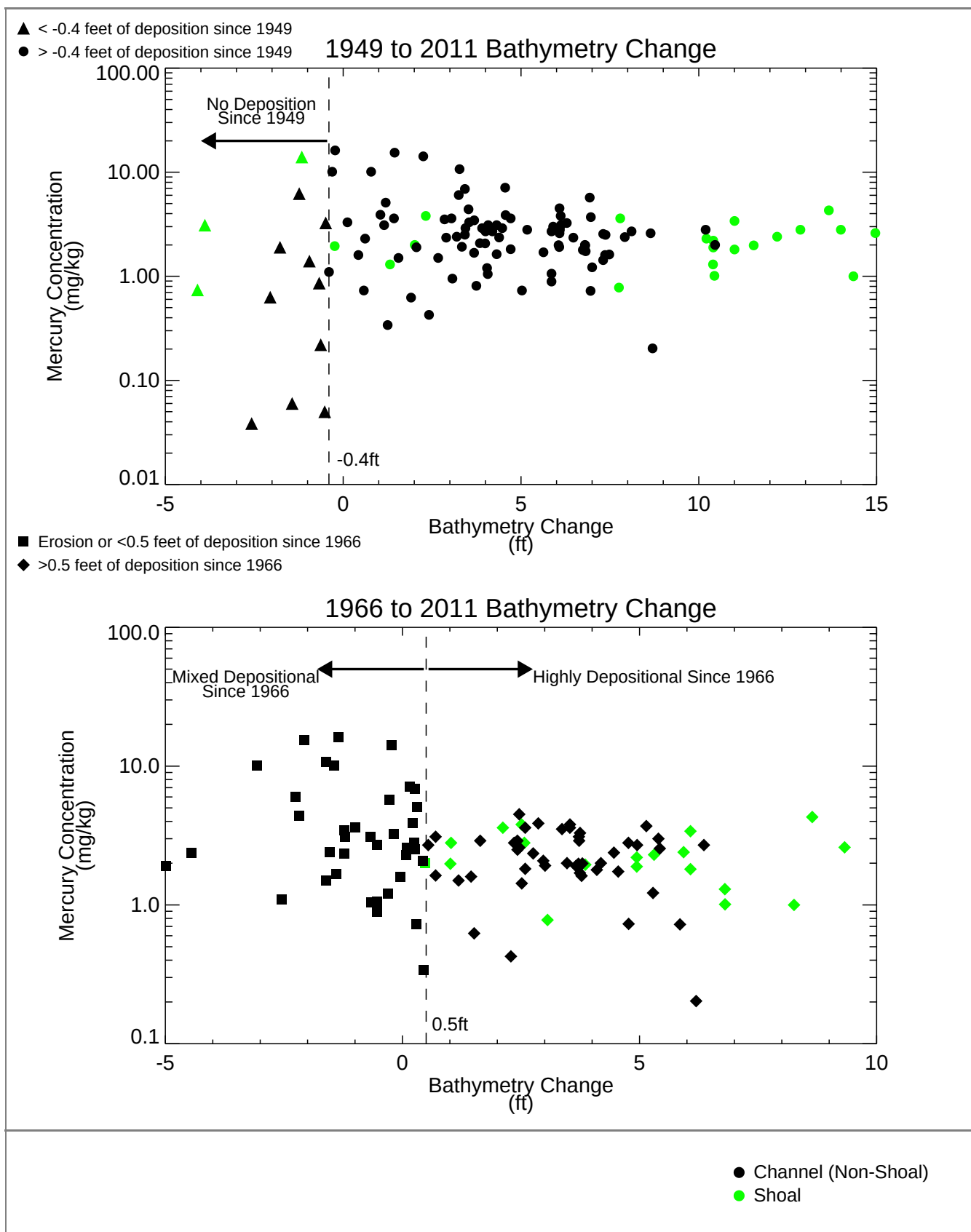


Figure 22

**Distribution of Surface Sediment Mercury Concentration
Between RM 0 and 17.4 by Geomorphic Group**

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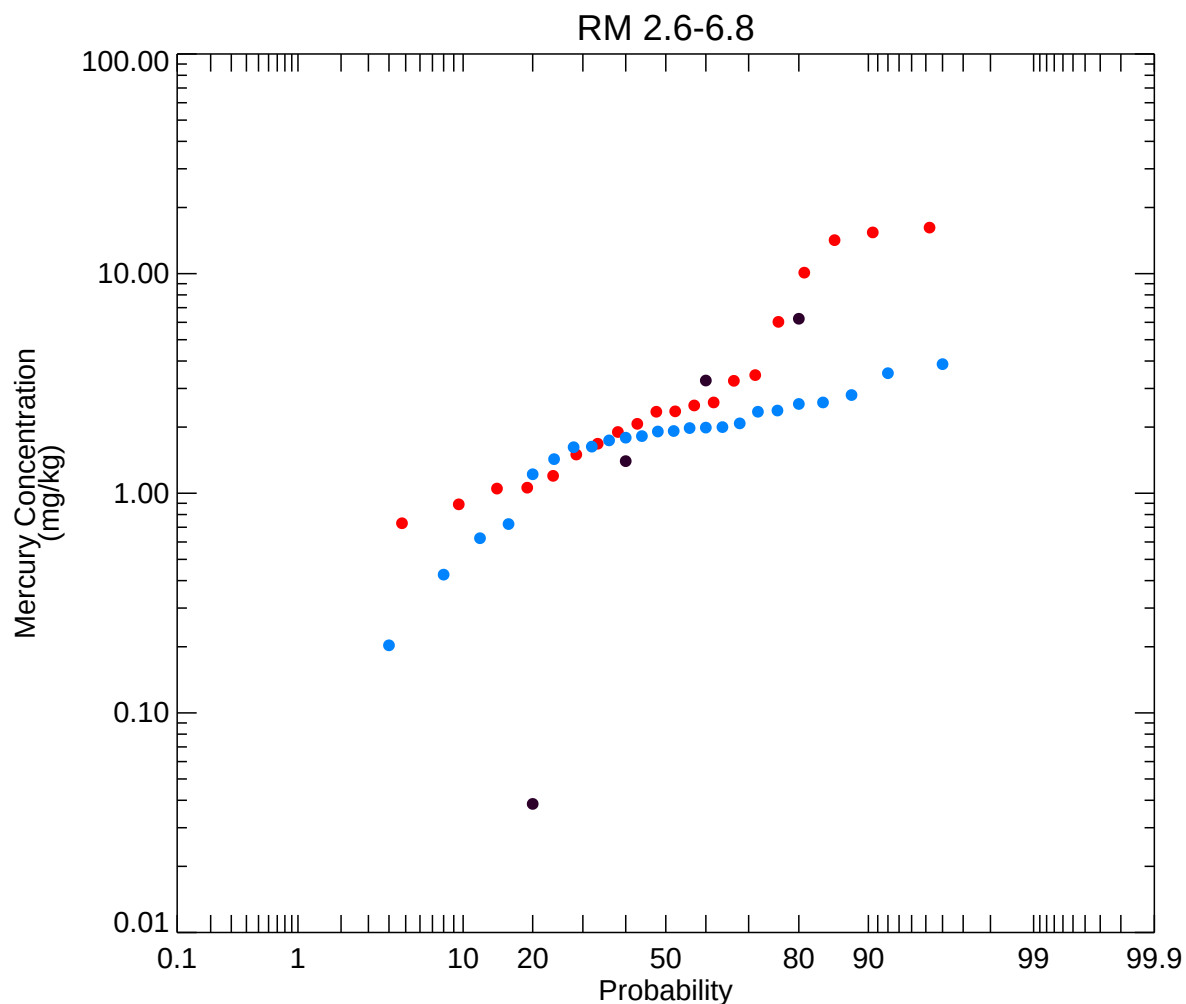


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Figure 23
Mercury Surface Concentration Versus Bathymetry Change

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Note: Includes data from 2005-2013. Excludes data in the shoals

- No Deposition Since 1949
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- Highly Depositional Since 1966

Publish Date: 06/20/2019 11:50 | User: sm/ch

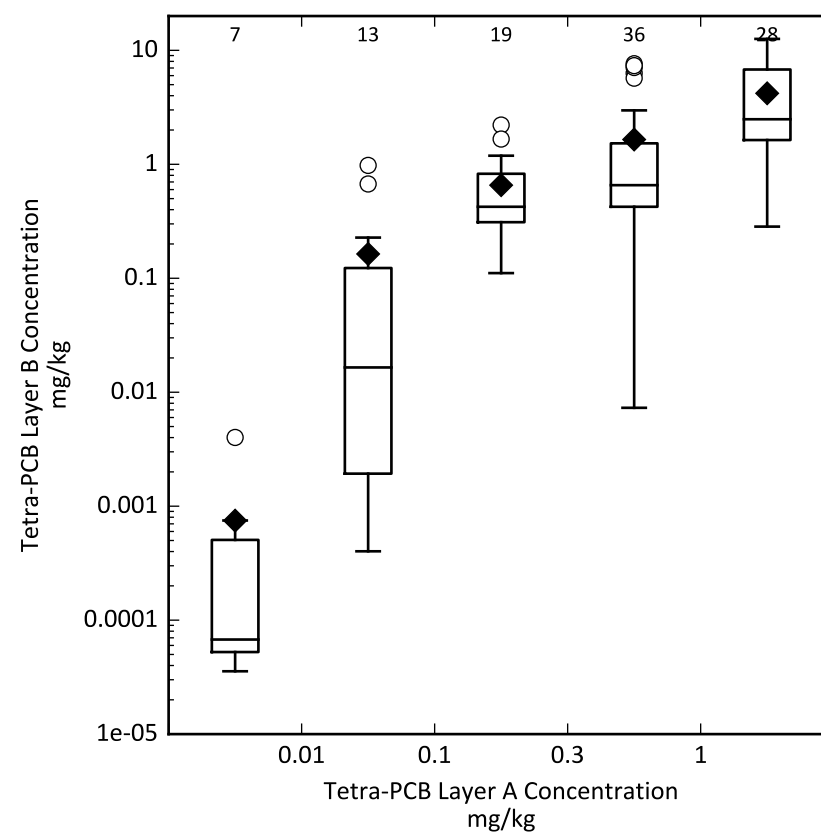
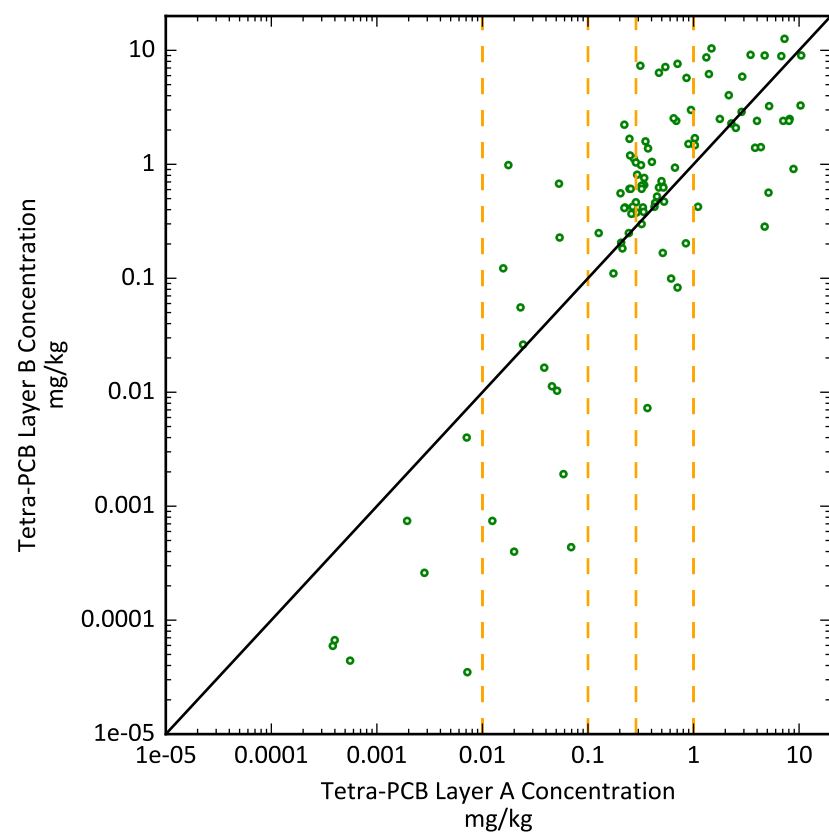
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Figure 24

**Distribution of Surface Mercury Concentration of Channel Geomorphic Groups
Between RM 2.6 and 6.8**

Attachment 2

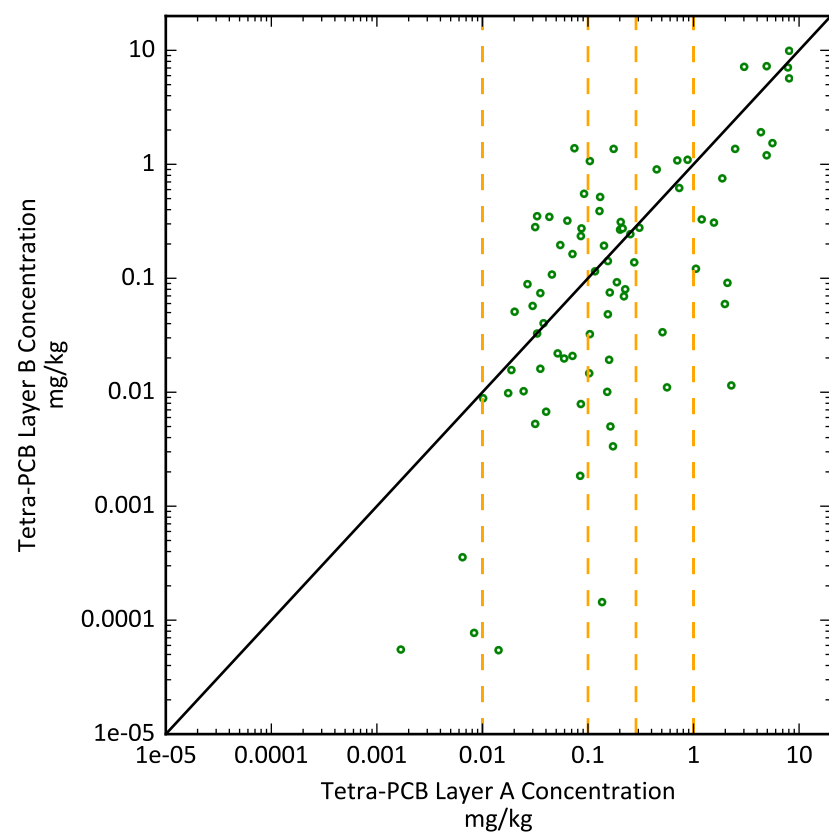
Pooled Data for Resampling of Layer B for Additional COPCs



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
 1 Layer B concentration with a value of zero is not shown.

Publish Date: 06/19/2019 15:32 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 1a
Tetra-PCB: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
6 Layer B concentrations with a value of zero are not shown.

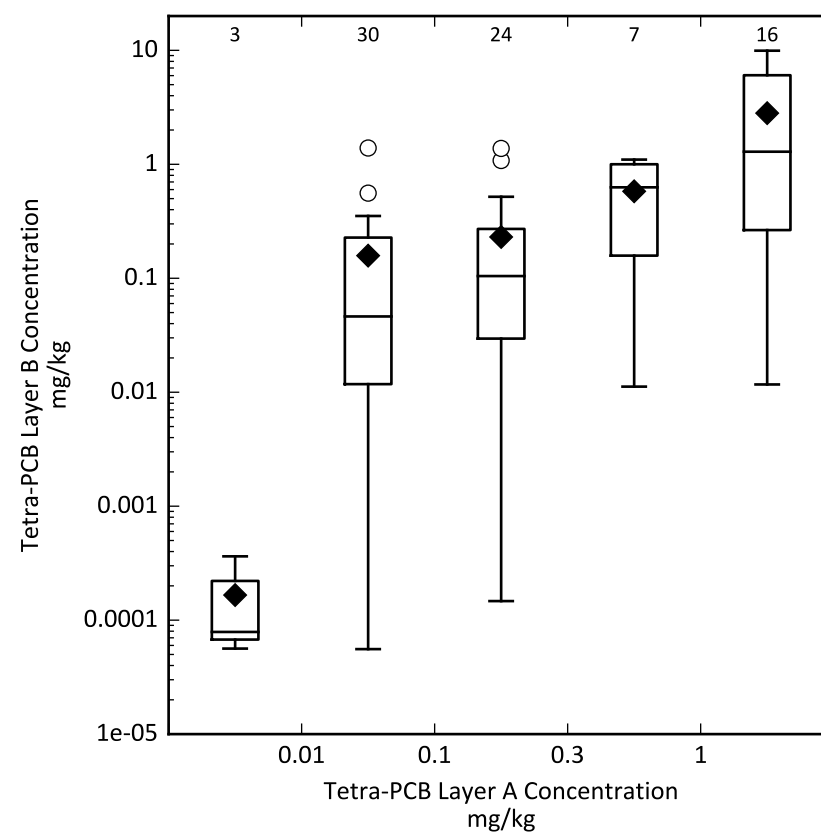
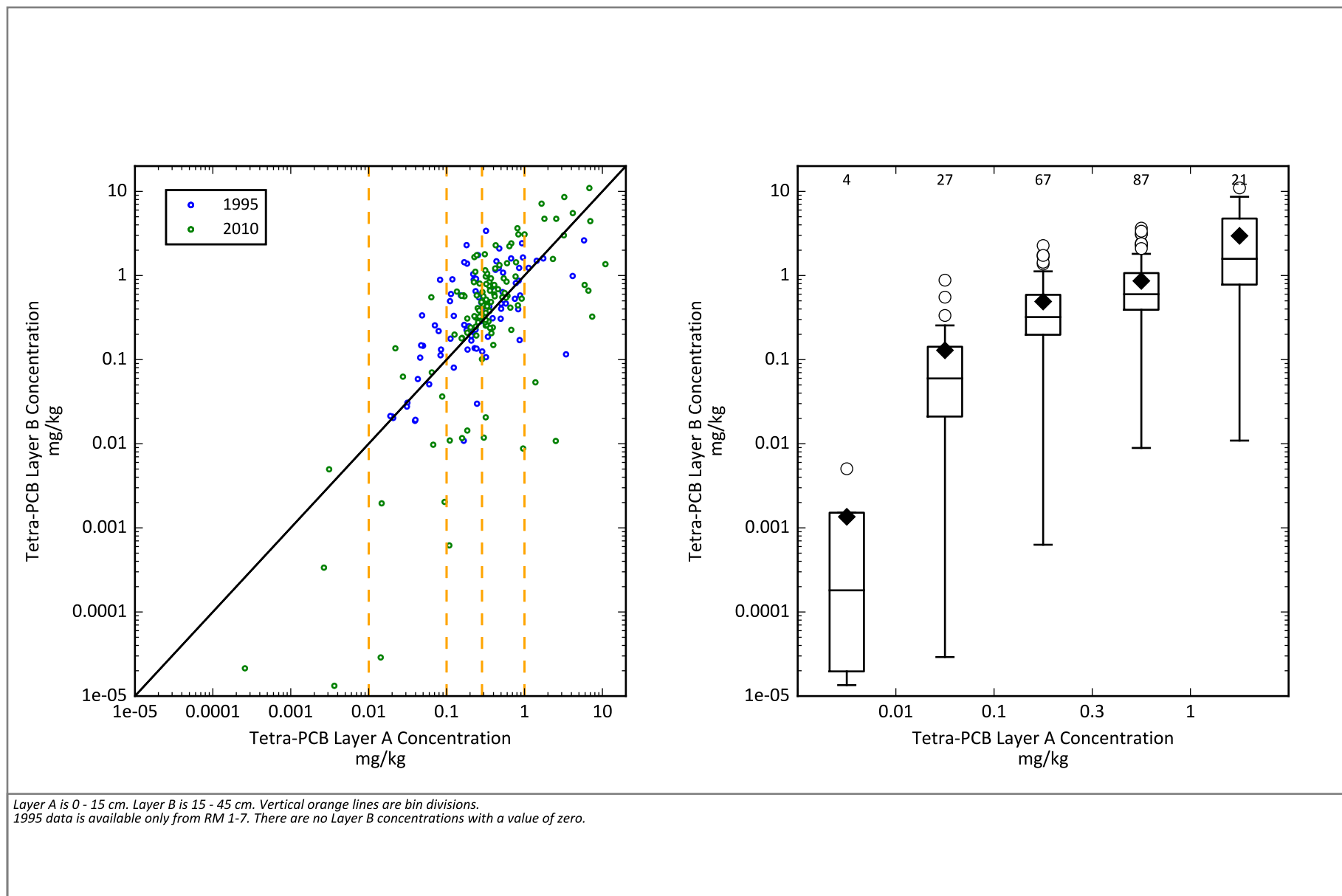
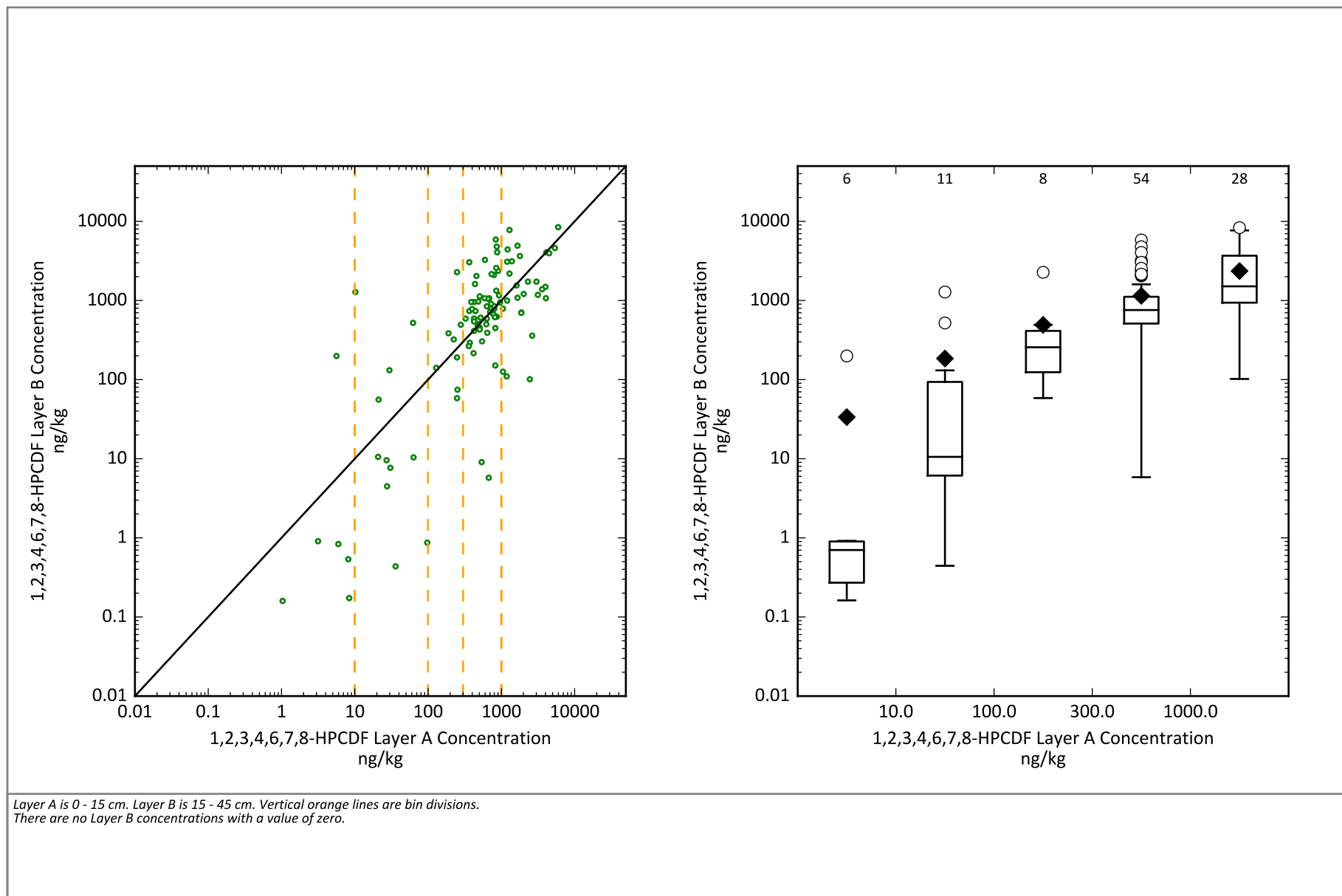


Figure 1b
Tetra-PCB: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7



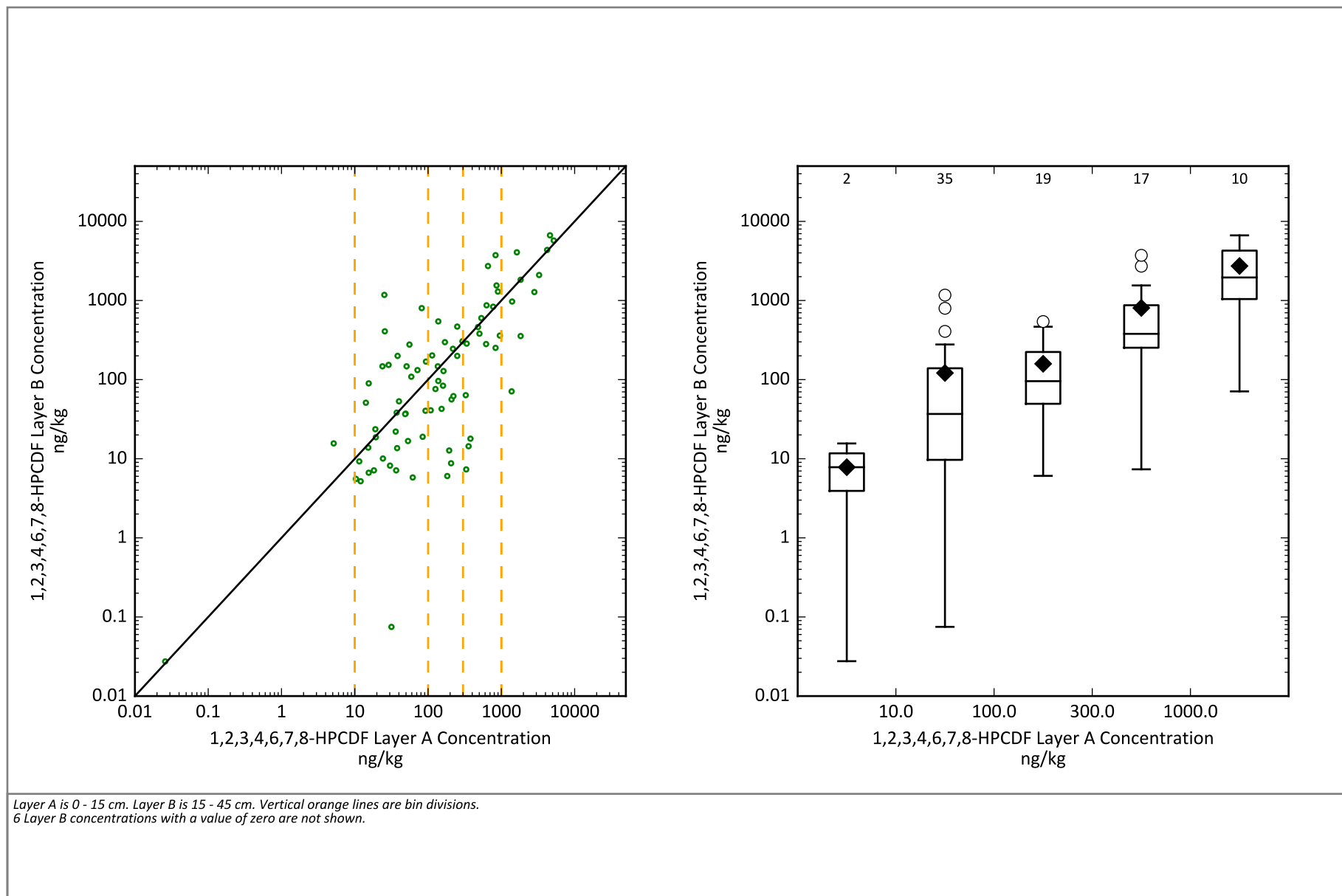
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 1c
Tetra-PCB: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8
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 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 2a
1,2,3,4,6,7,8-HPCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7

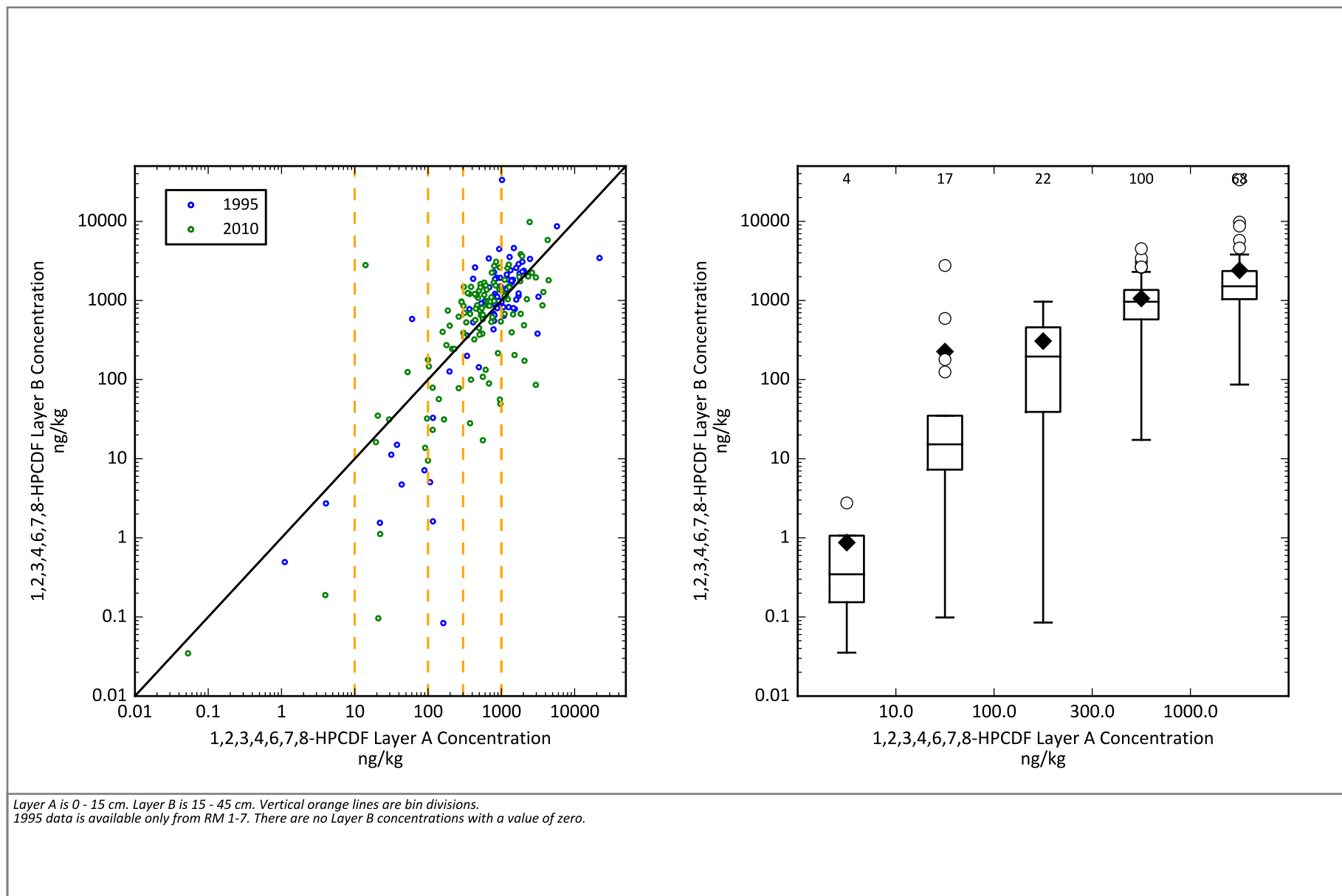


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Figure 2b

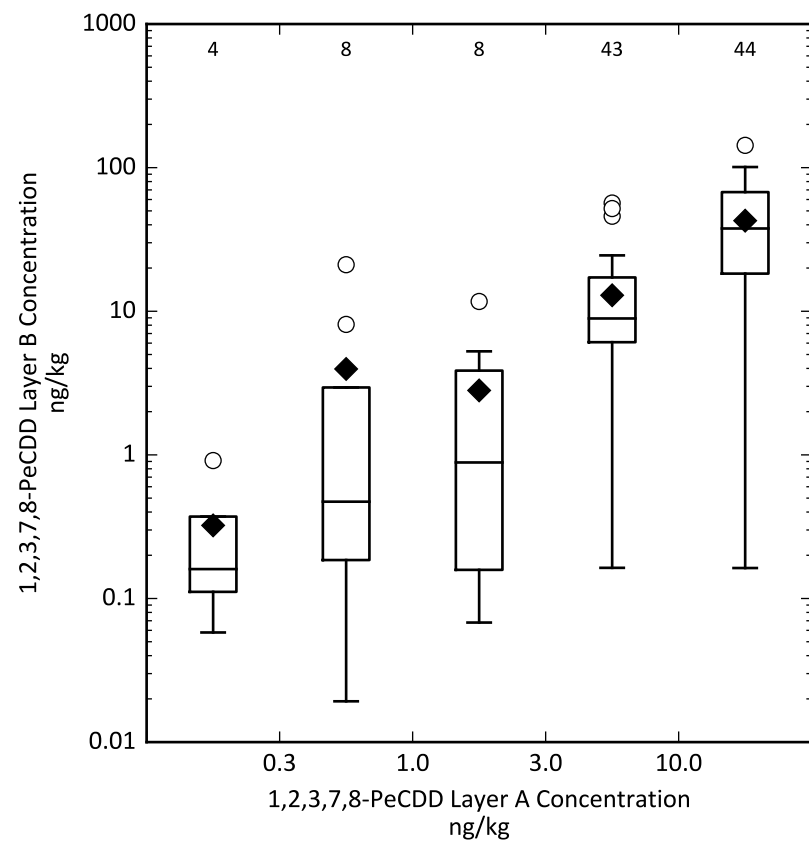
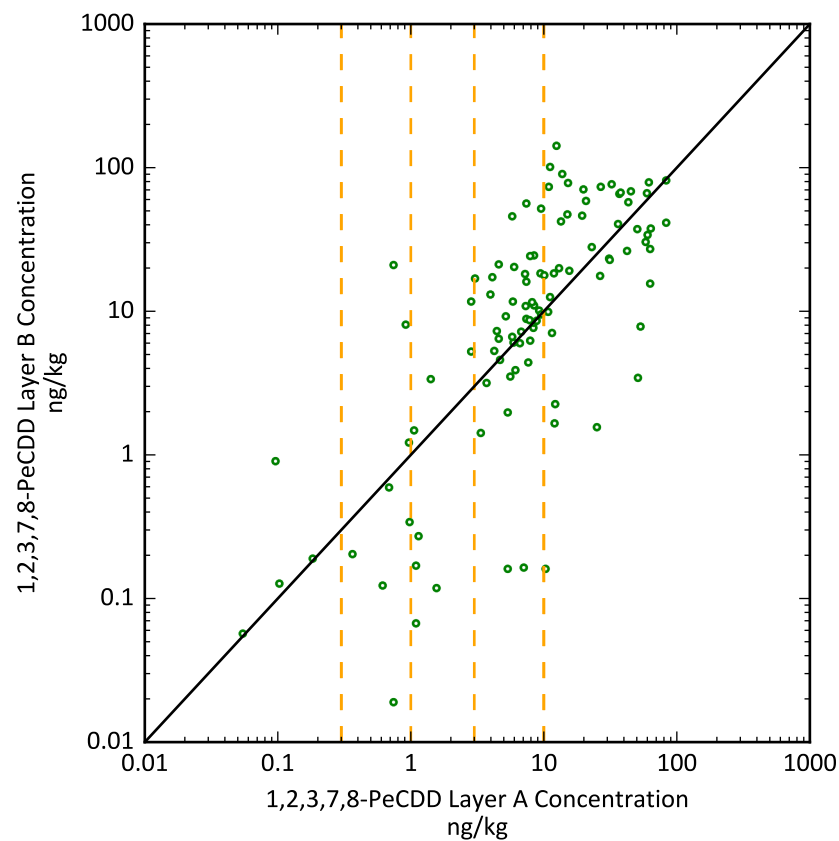
1,2,3,4,6,7,8-HPCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_6_3_and_4_crossplot_Data_19952010.py

Figure 2c
1,2,3,4,6,7,8-HPCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8
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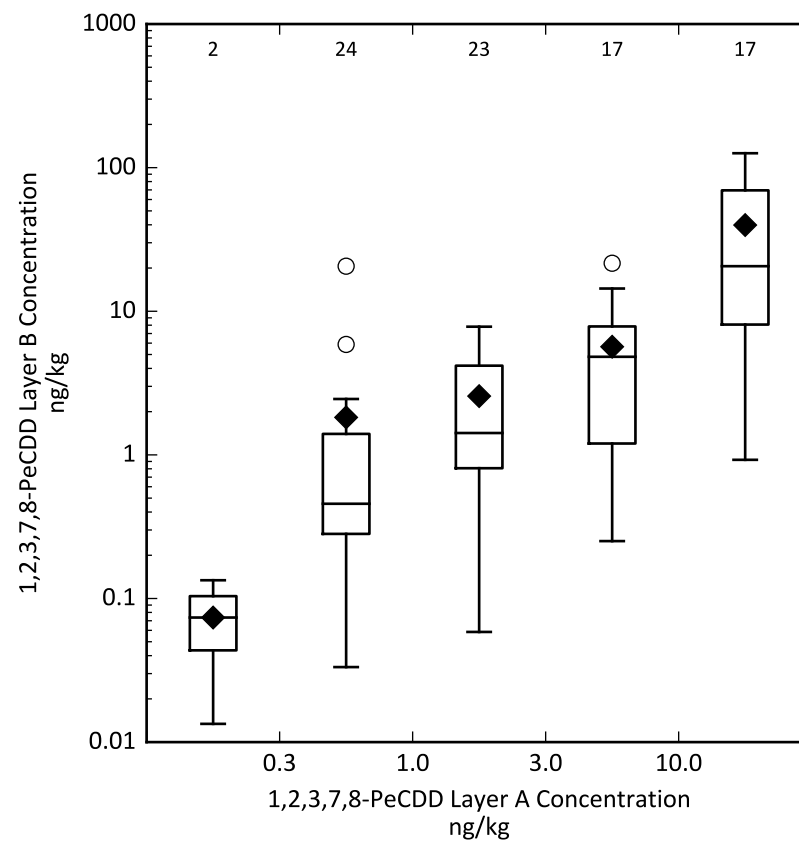
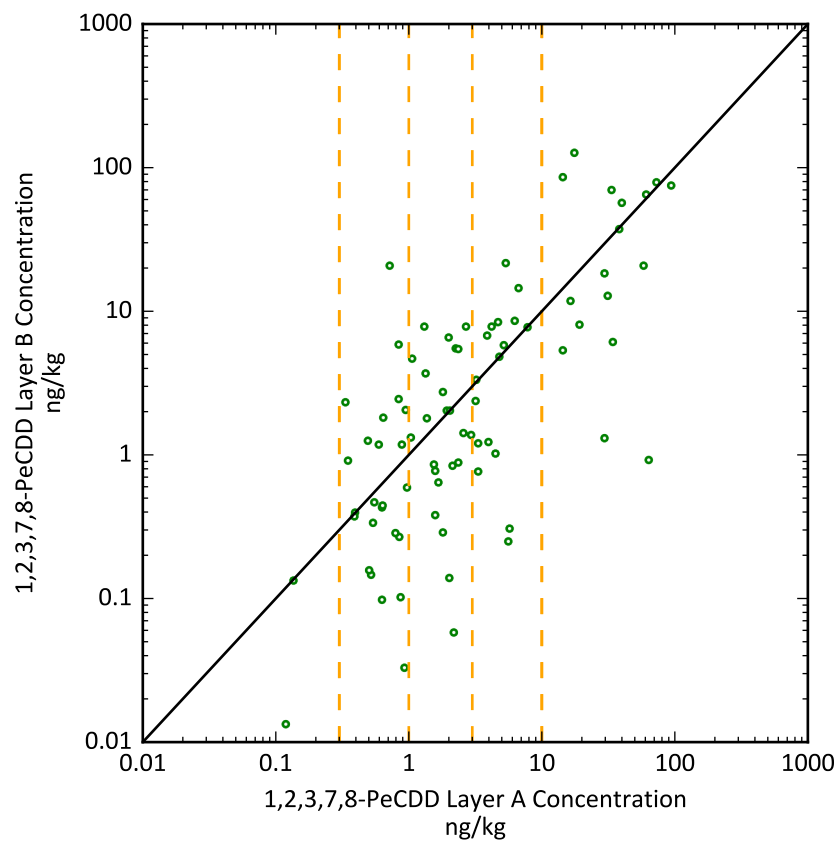
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
There are no Layer B concentrations with a value of zero.

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Figure 3a
1,2,3,7,8-PeCDD: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7

Remedial Investigation Report

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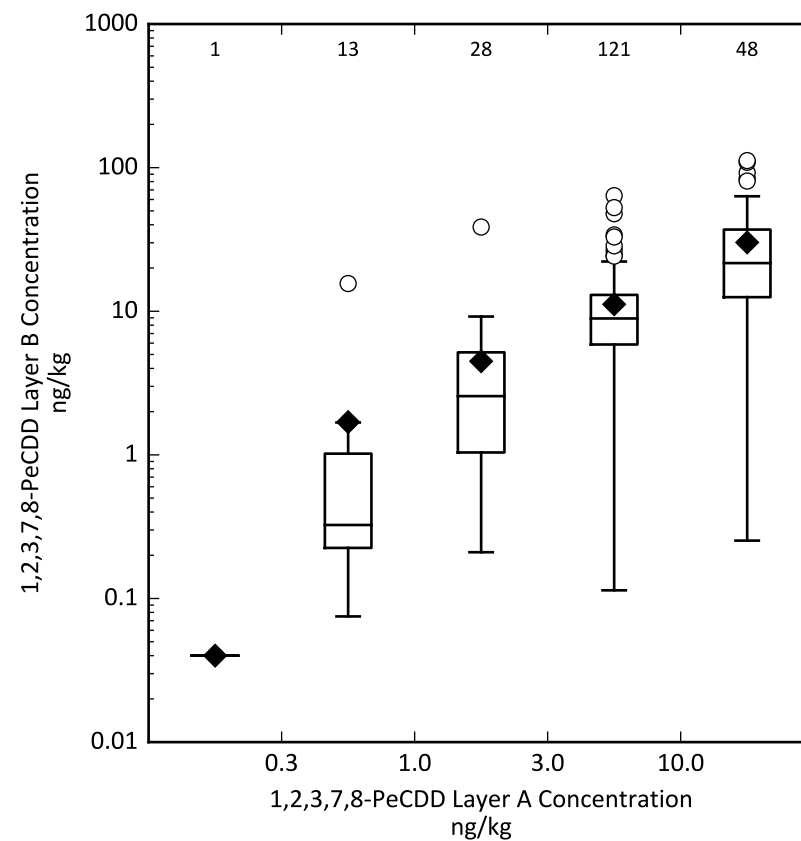
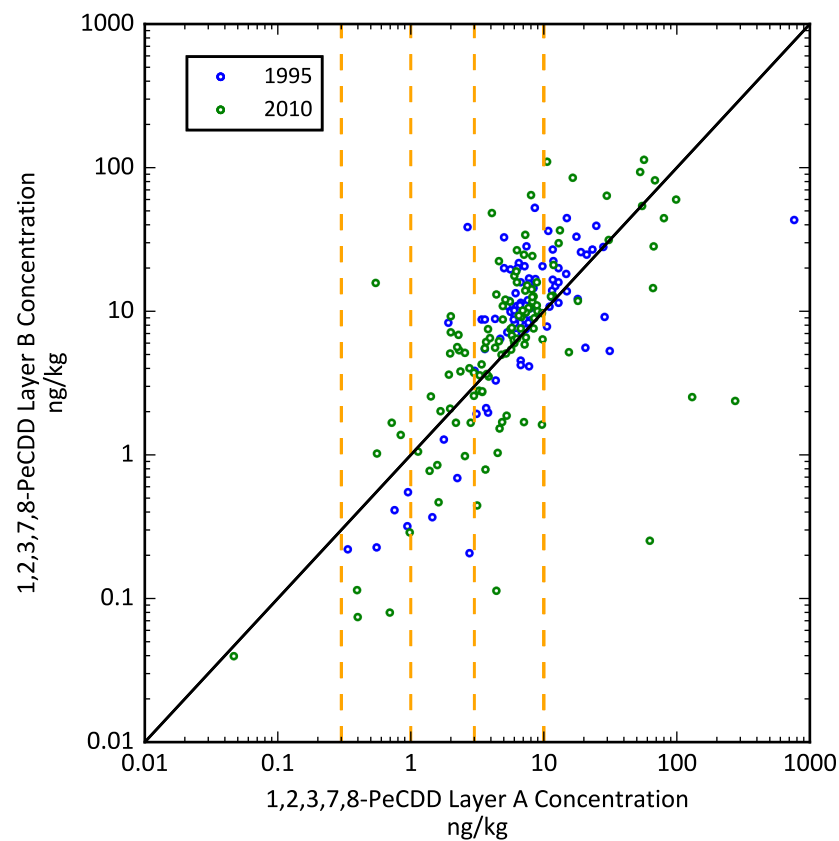


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
6 Layer B concentrations with a value of zero are not shown.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 3b
1,2,3,7,8-PeCDD: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7

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Lower Passaic River Study Area Remedial Investigation\Feasibility Study

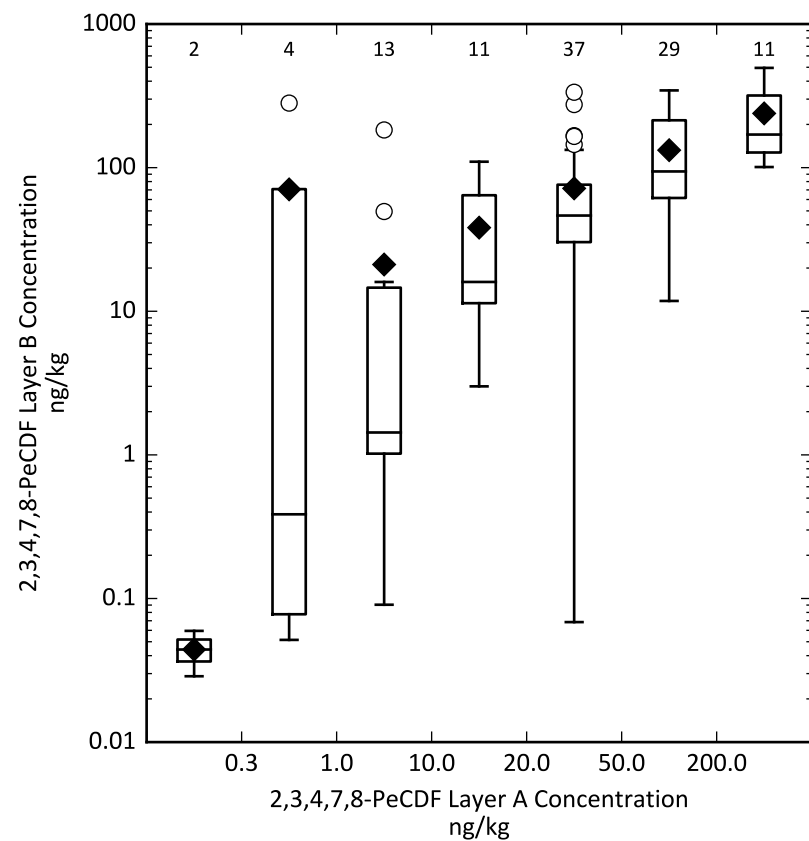
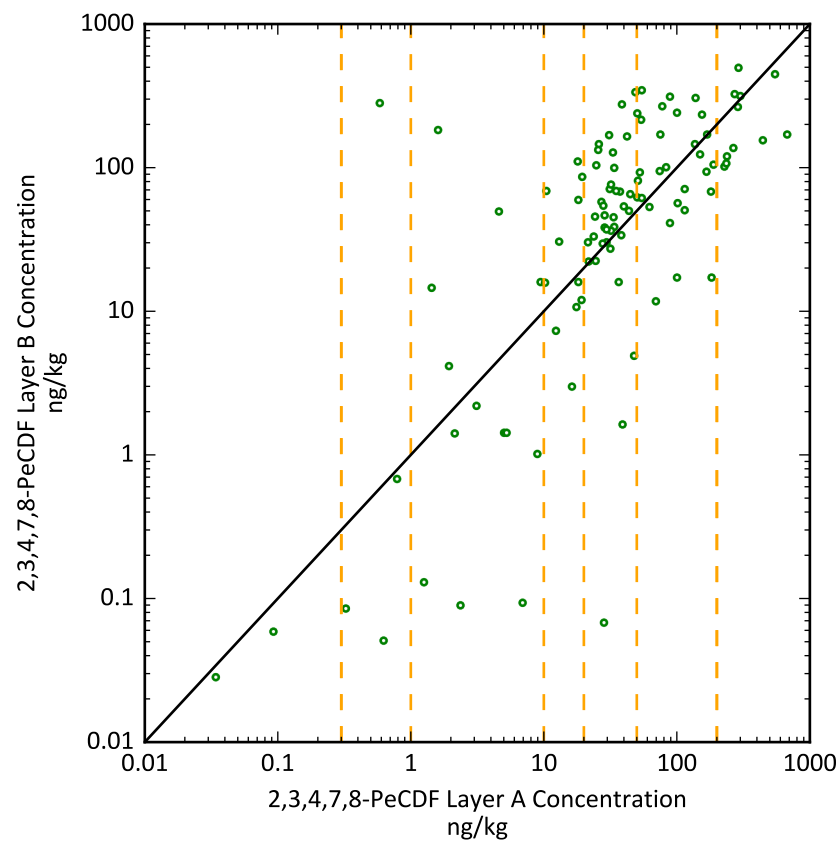


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
1995 data is available only from RM 1-7. There are no Layer B concentrations with a value of zero.

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Figure 3c
1,2,3,7,8-PeCDD: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8

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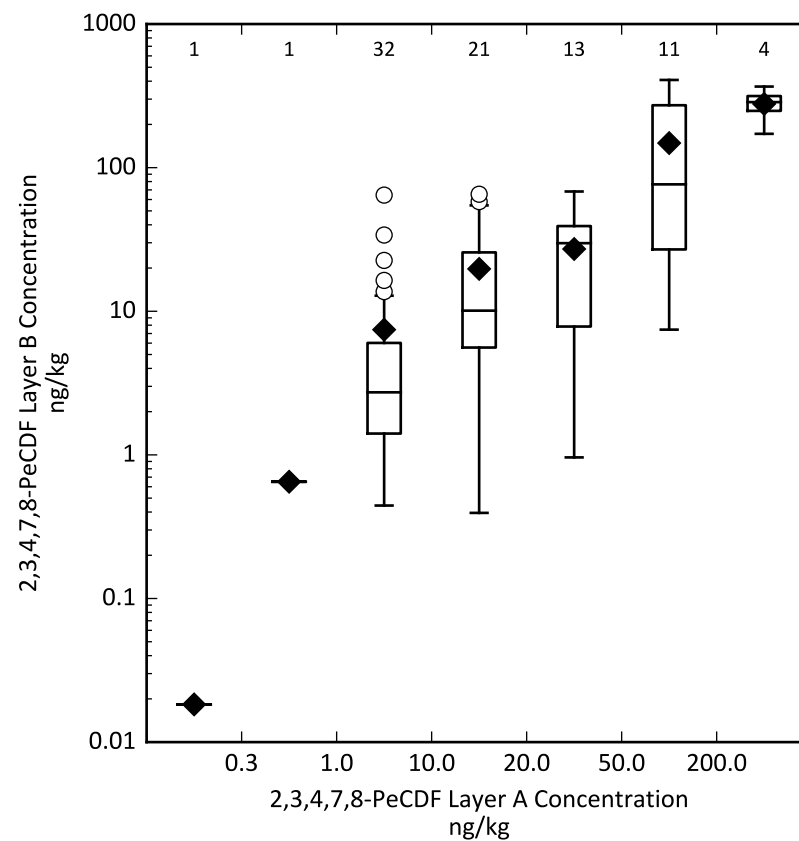
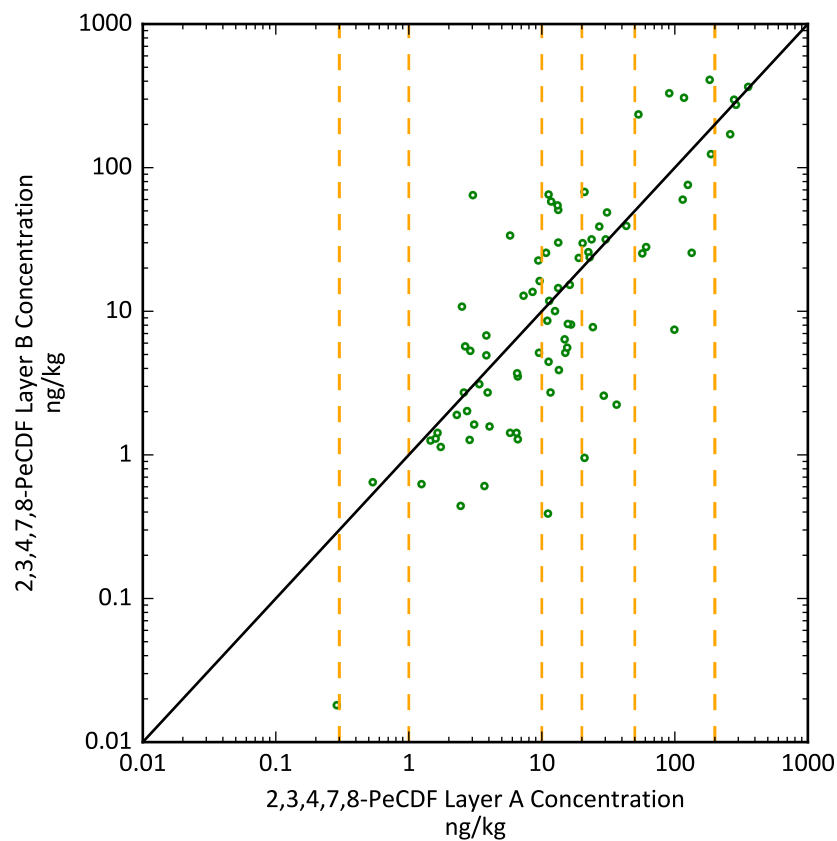


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
There are no Layer B concentrations with a value of zero.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 4a
2,3,4,7,8-PeCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7

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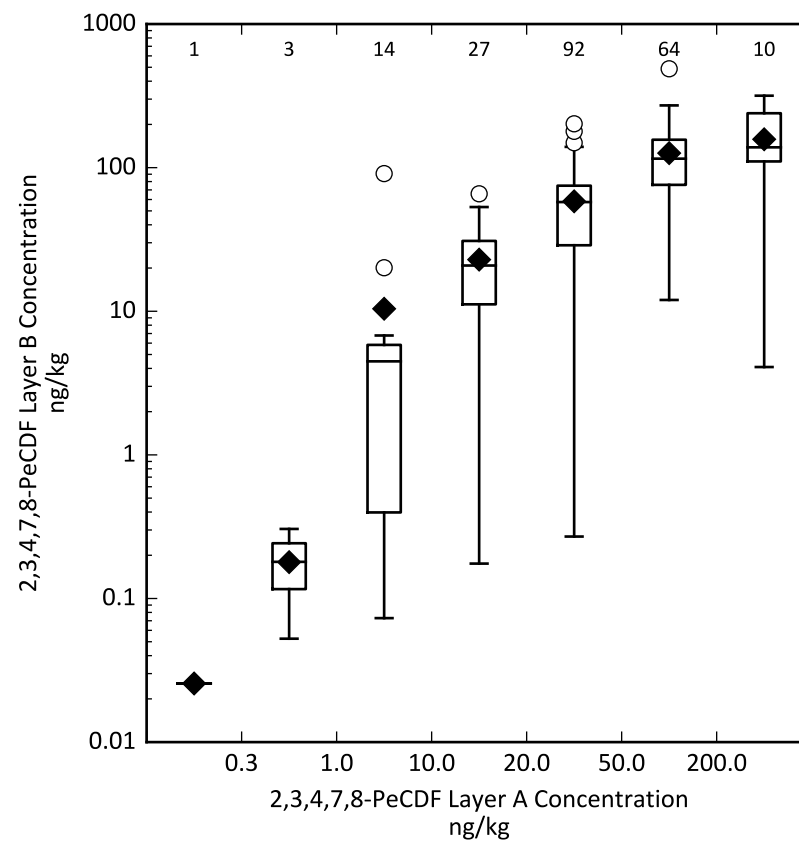
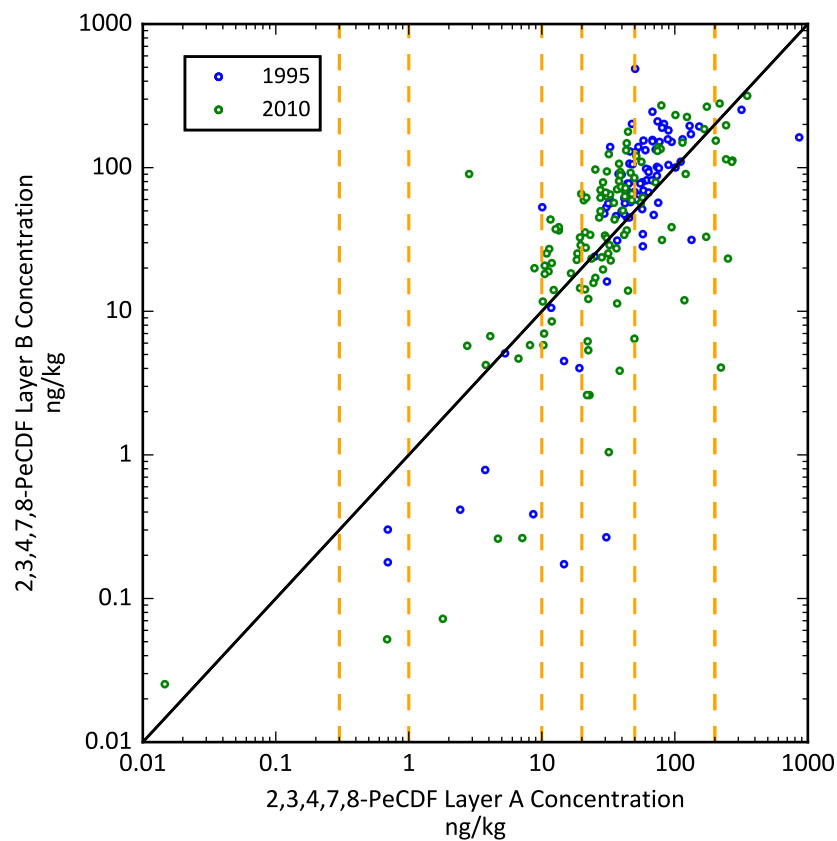


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
6 Layer B concentrations with a value of zero are not shown.

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Figure 4b
2,3,4,7,8-PeCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7

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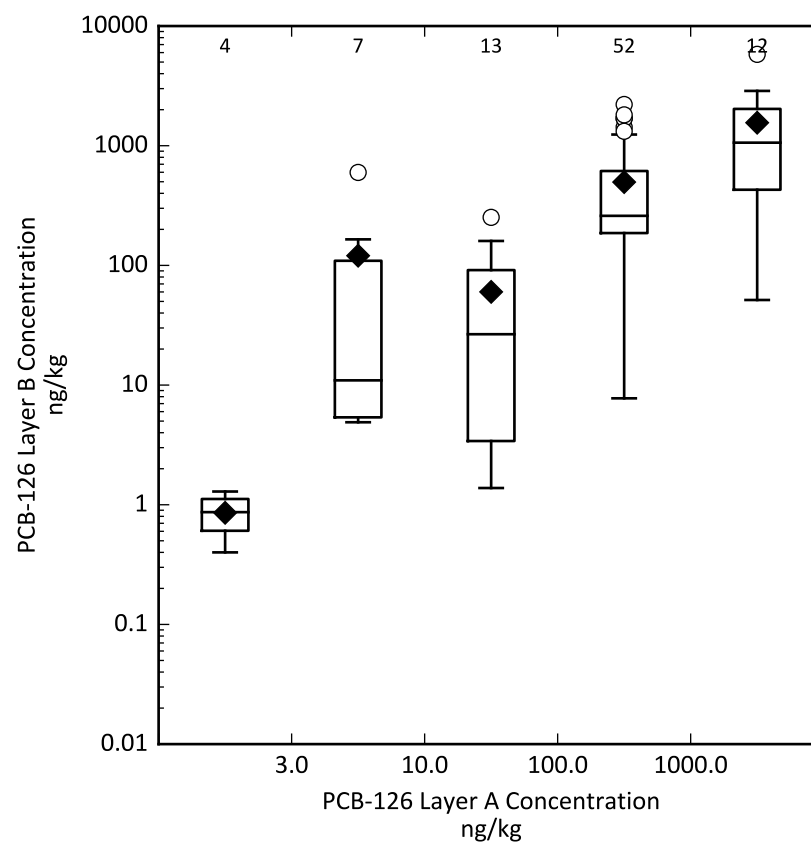
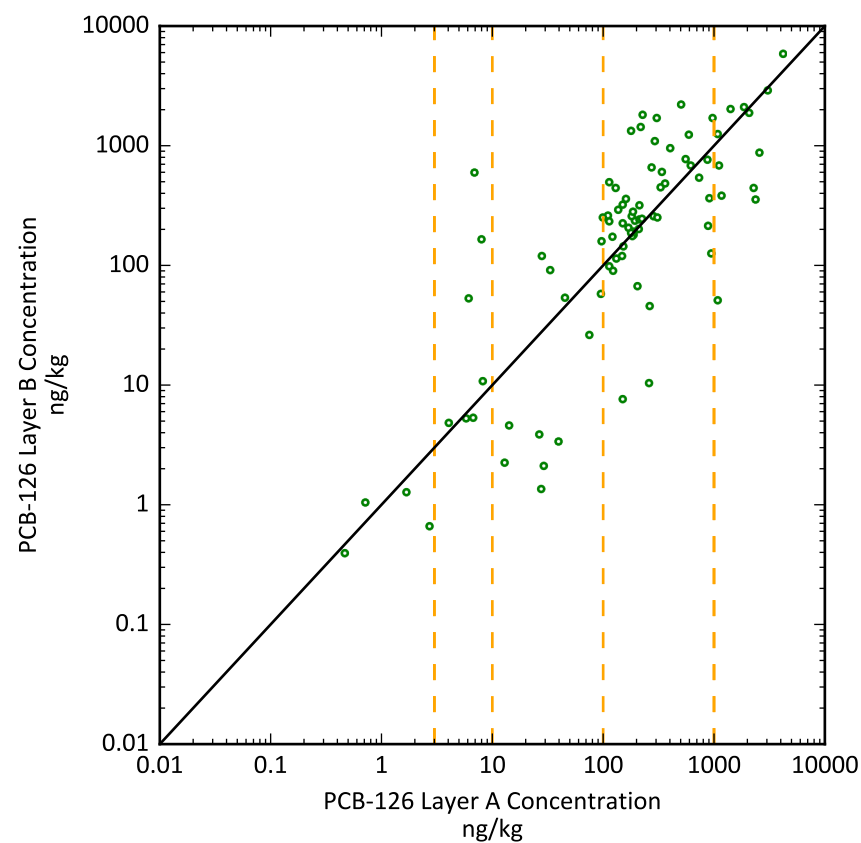


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
1995 data is available only from RM 1-7. There are no Layer B concentrations with a value of zero.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 4c
2,3,4,7,8-PeCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8

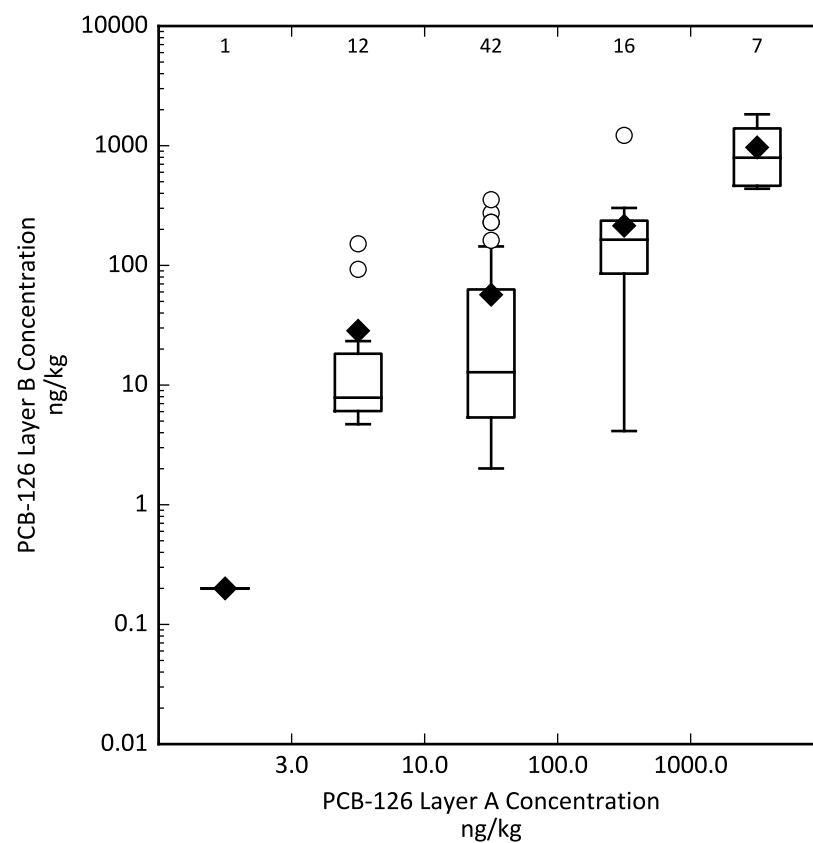
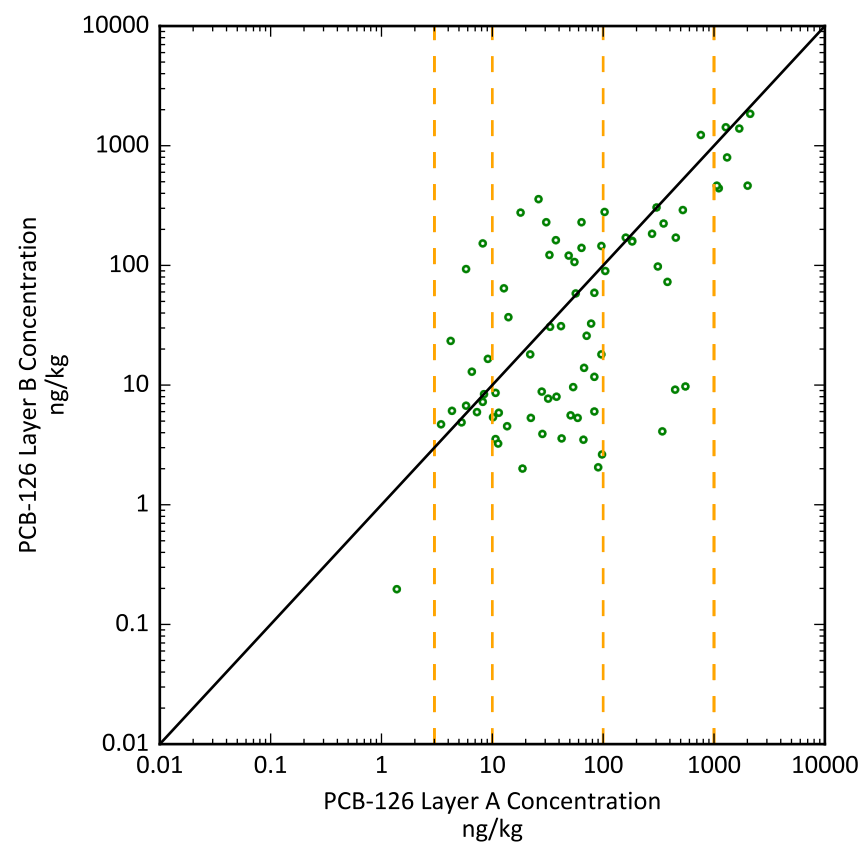
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
 1 Layer B concentration with a value of zero is not shown.

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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 5a
PCB-126: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7

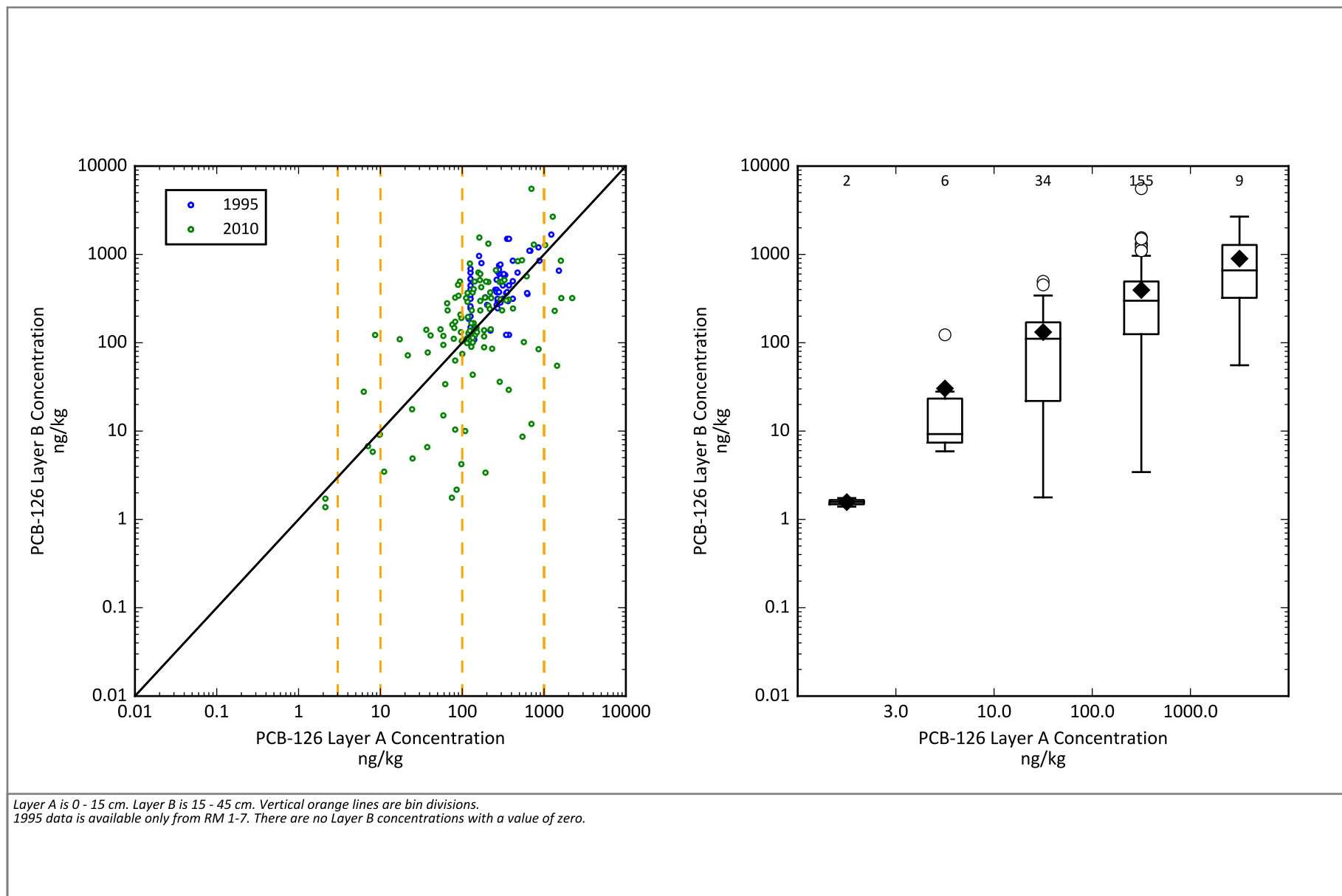


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
6 Layer B concentrations with a value of zero are not shown.

Publish Date: 06/19/2019 15:33 PM | User: DB
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

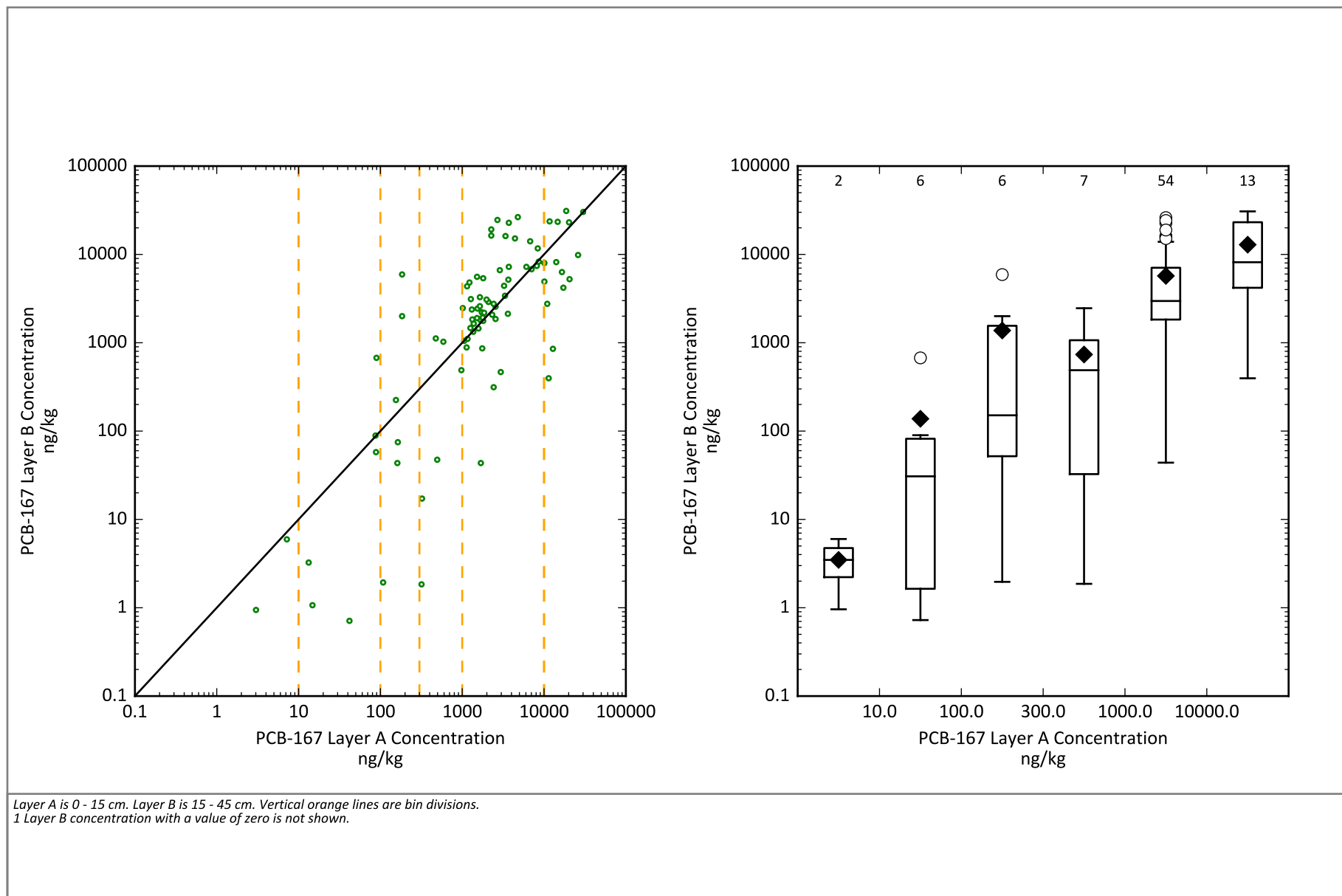
Figure 5b
PCB-126: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



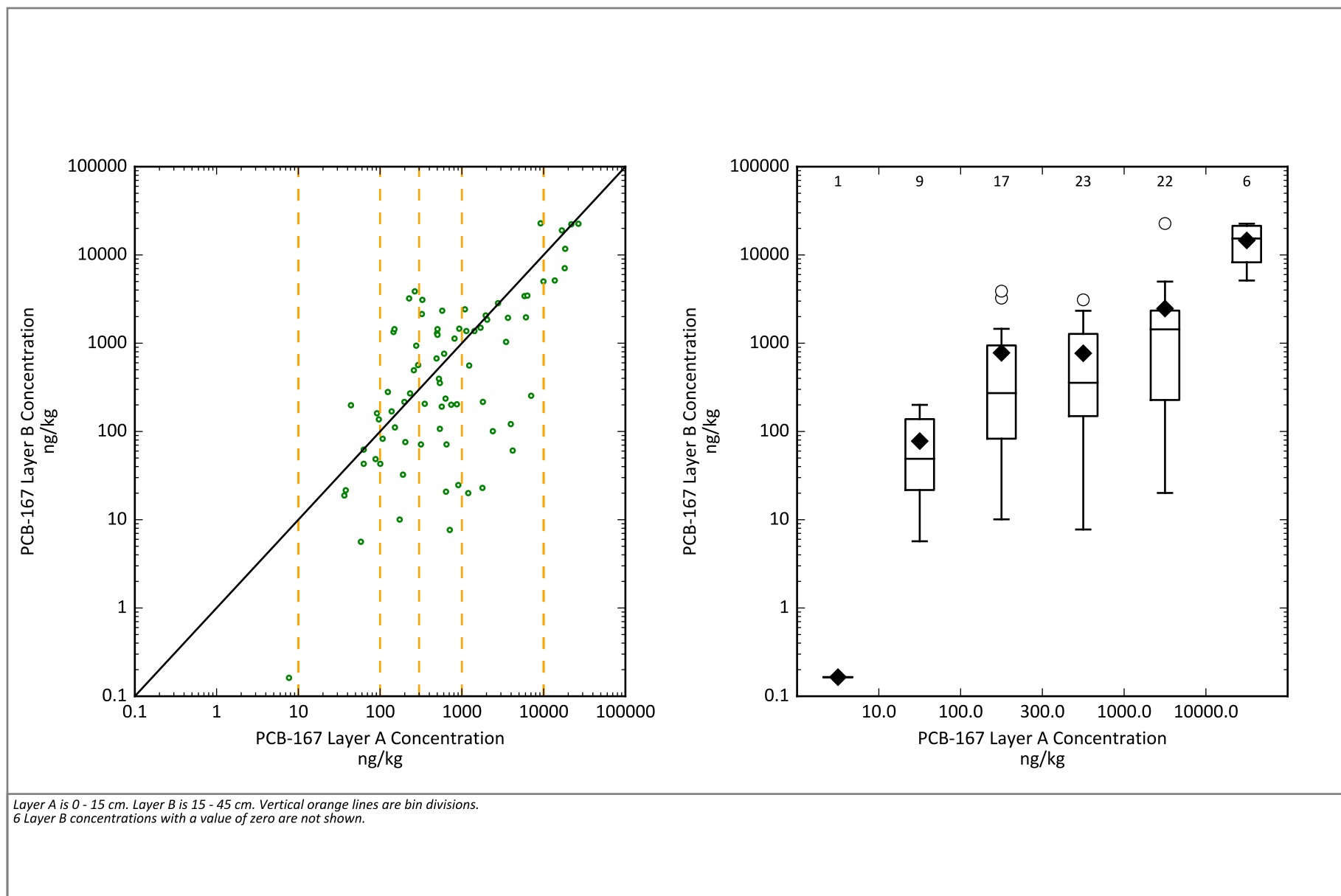
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 5c
PCB-126: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8



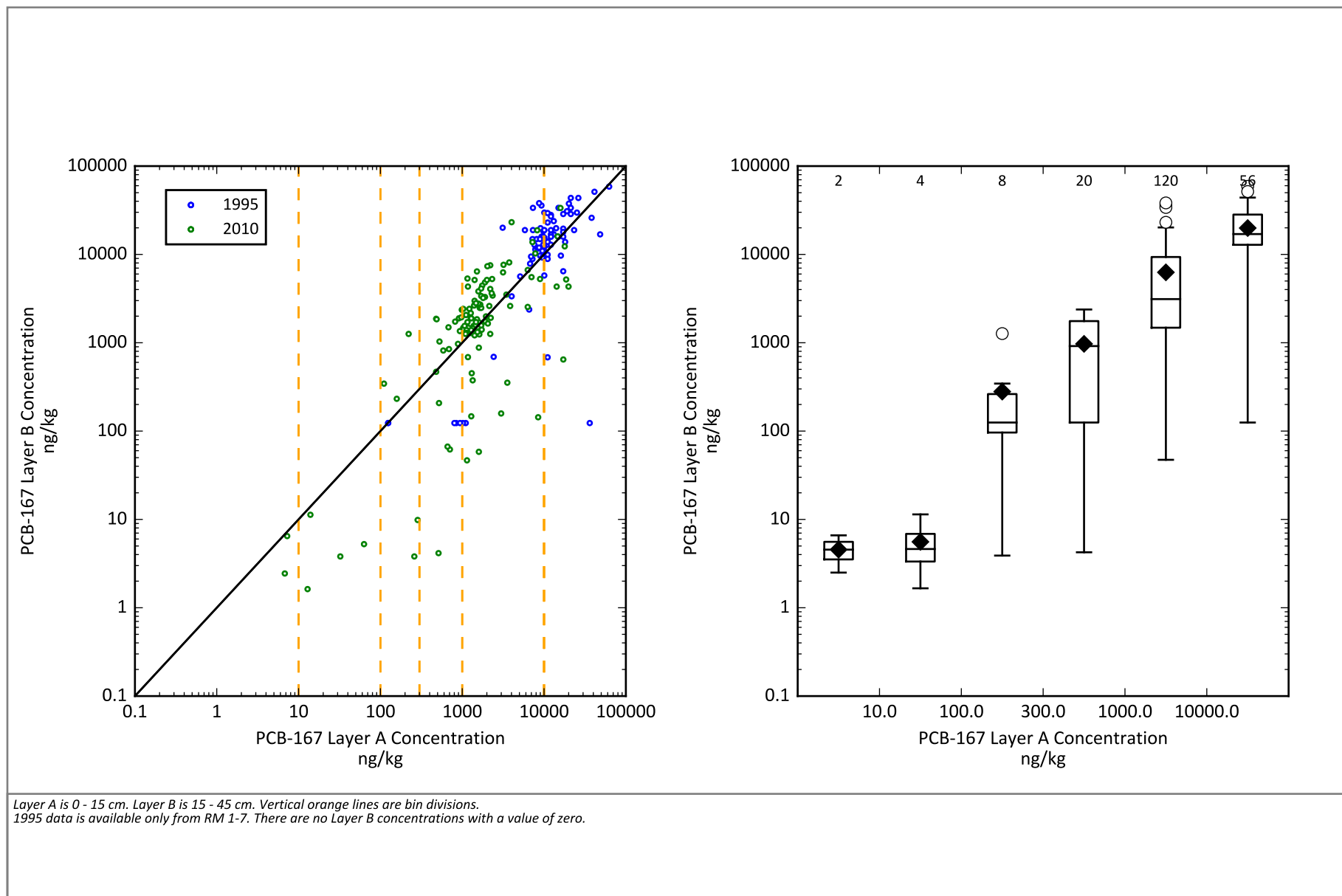
Publish Date: 06/19/2019 15:33 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 6a
PCB-167: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



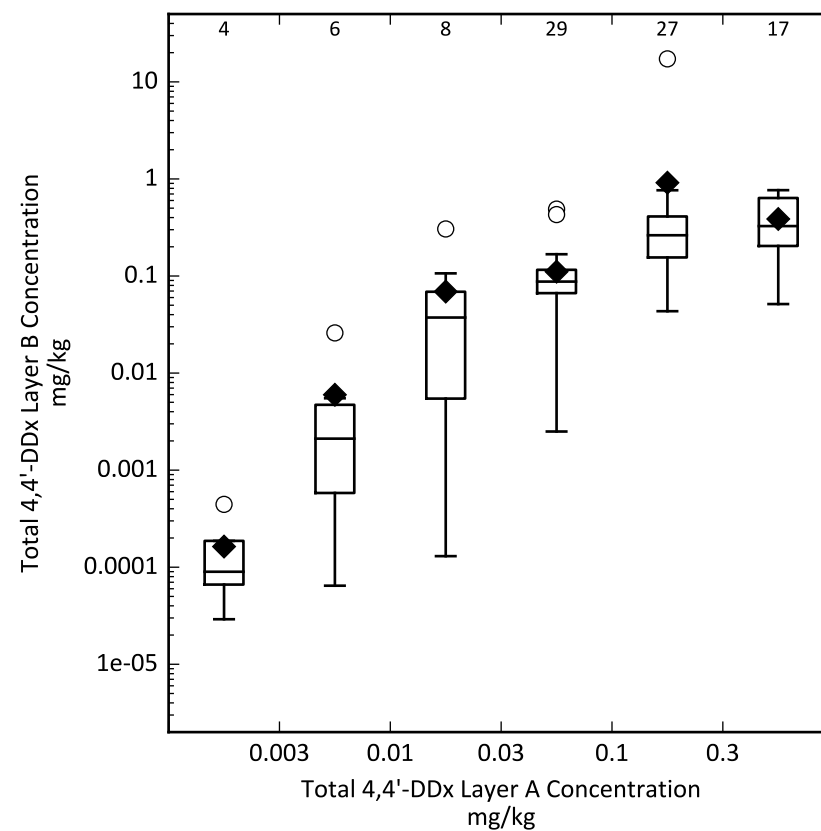
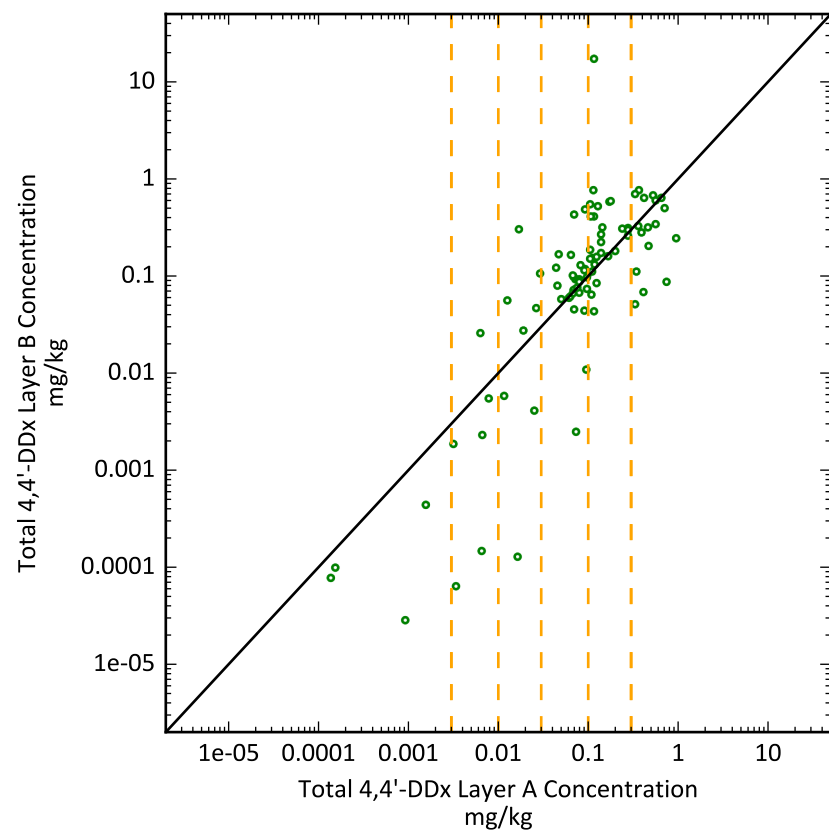
Publish Date: 06/19/2019 15:33 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 6b
PCB-167: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Publish Date: 06/19/2019 15:33 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_6_3_and_4_crossplot_Data_19952010.py

Figure 6c
PCB-167: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8



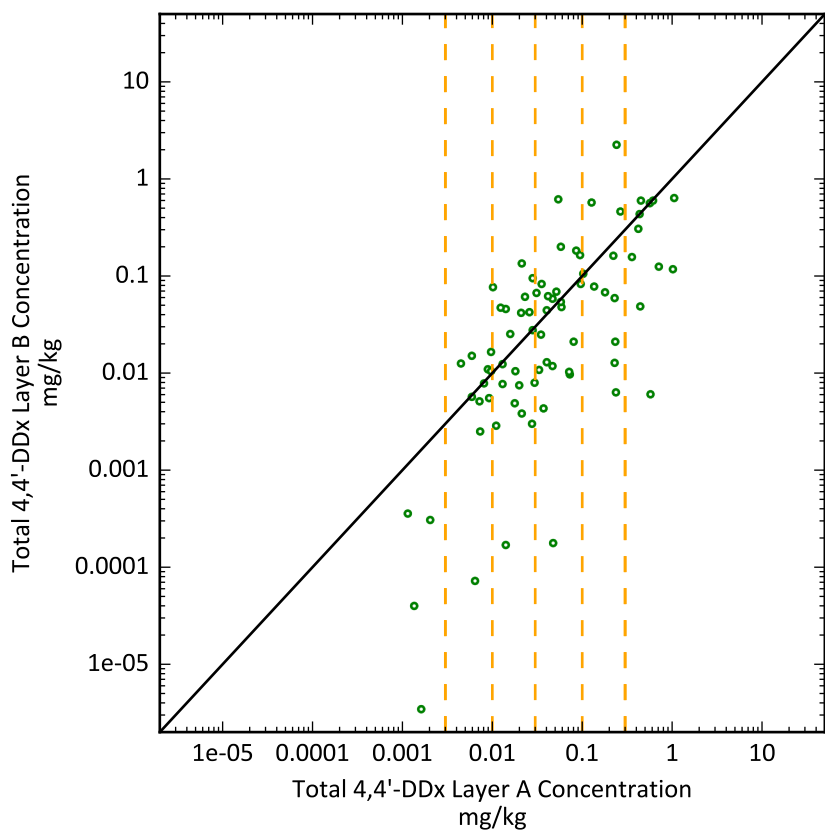
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
There are no Layer B concentrations with a value of zero.

Publish Date: 06/19/2019 15:33 PM | User: DB
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

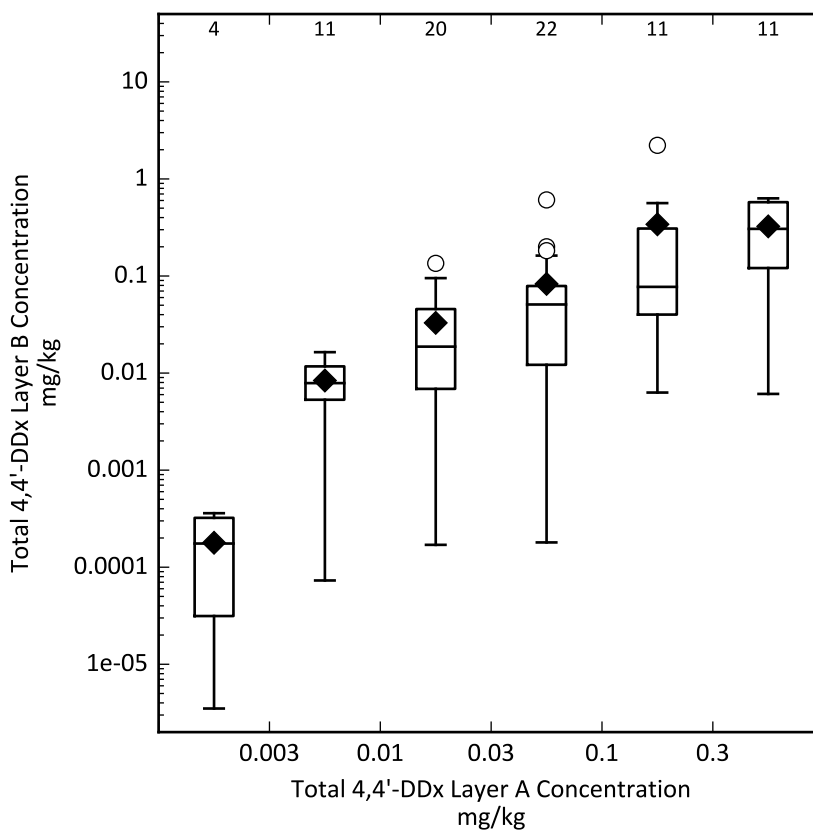
Figure 7a

Total 4,4'-DDx: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
7 Layer B concentrations with a value of zero are not shown.

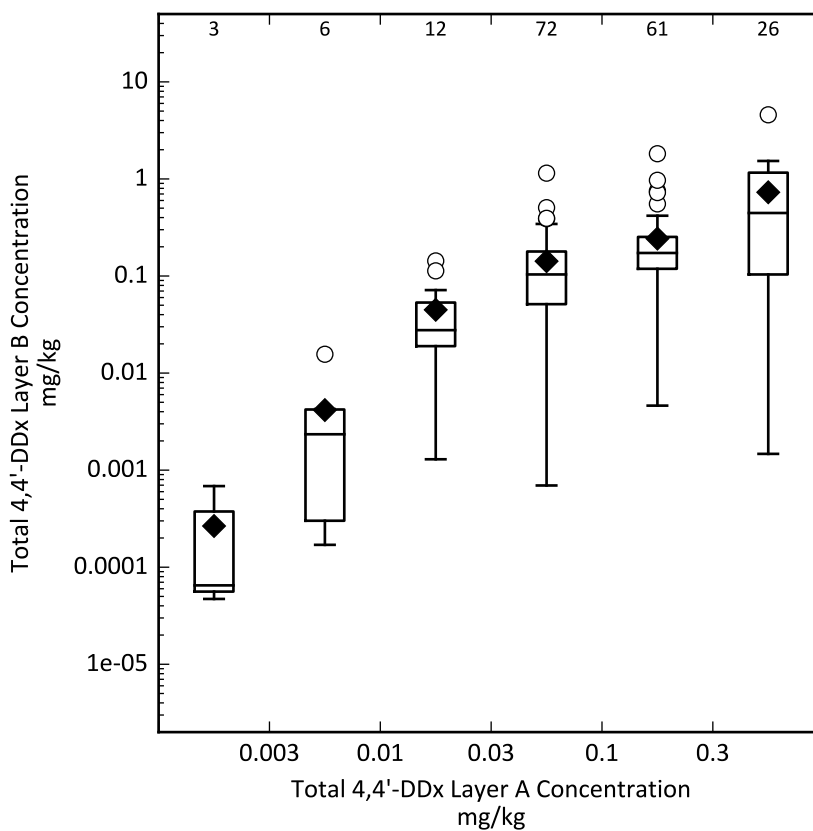
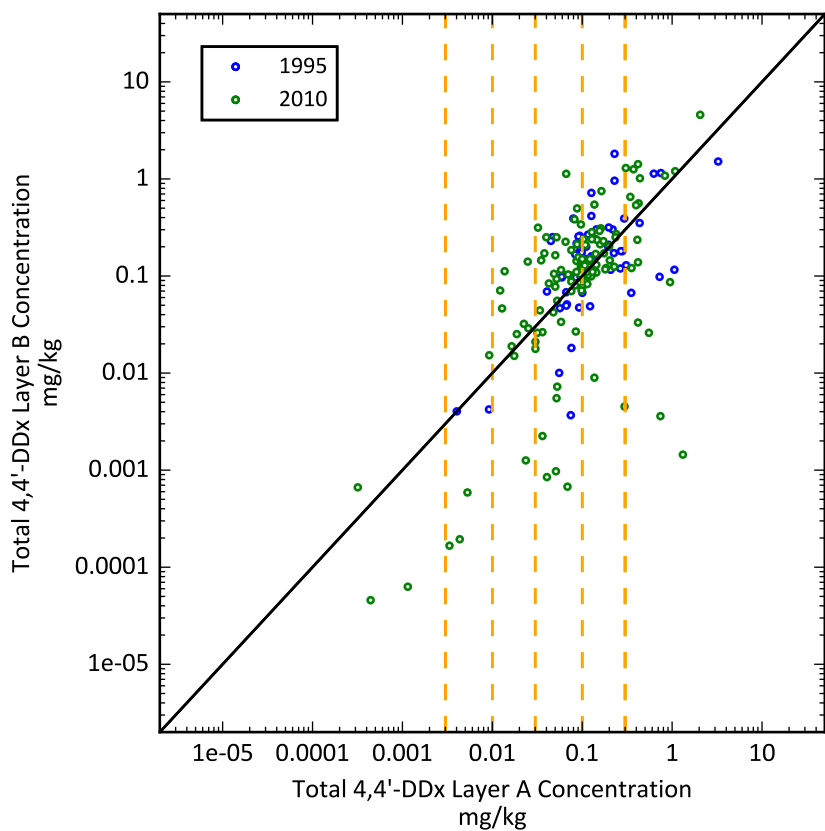


Publish Date: 06/19/2019 15:33 PM | User: DB
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 7b

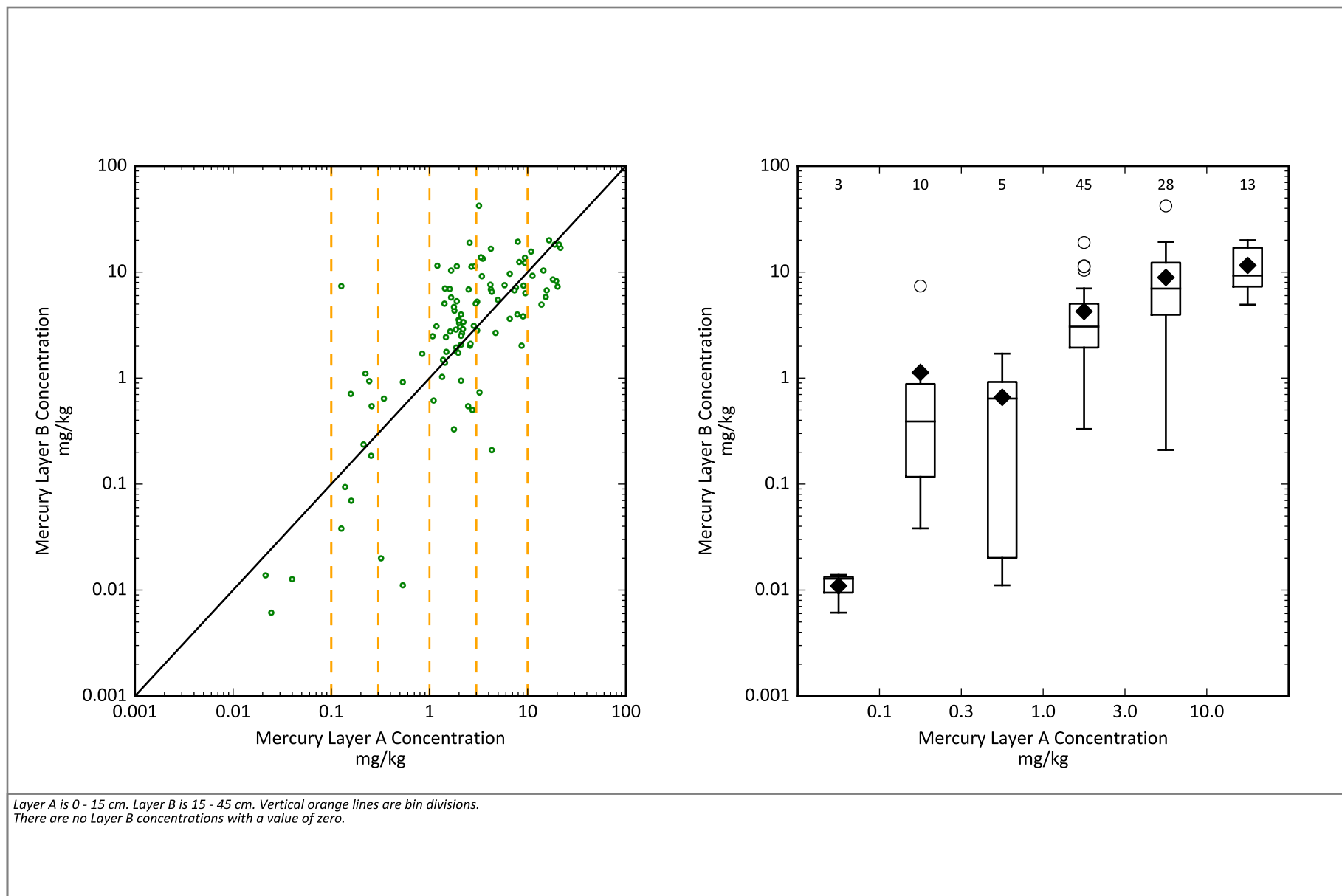
Total 4,4'-DDx: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
1995 data is available only from RM 1-7. There are no Layer B concentrations with a value of zero.

Figure 7c
Total 4,4'-DDx: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8

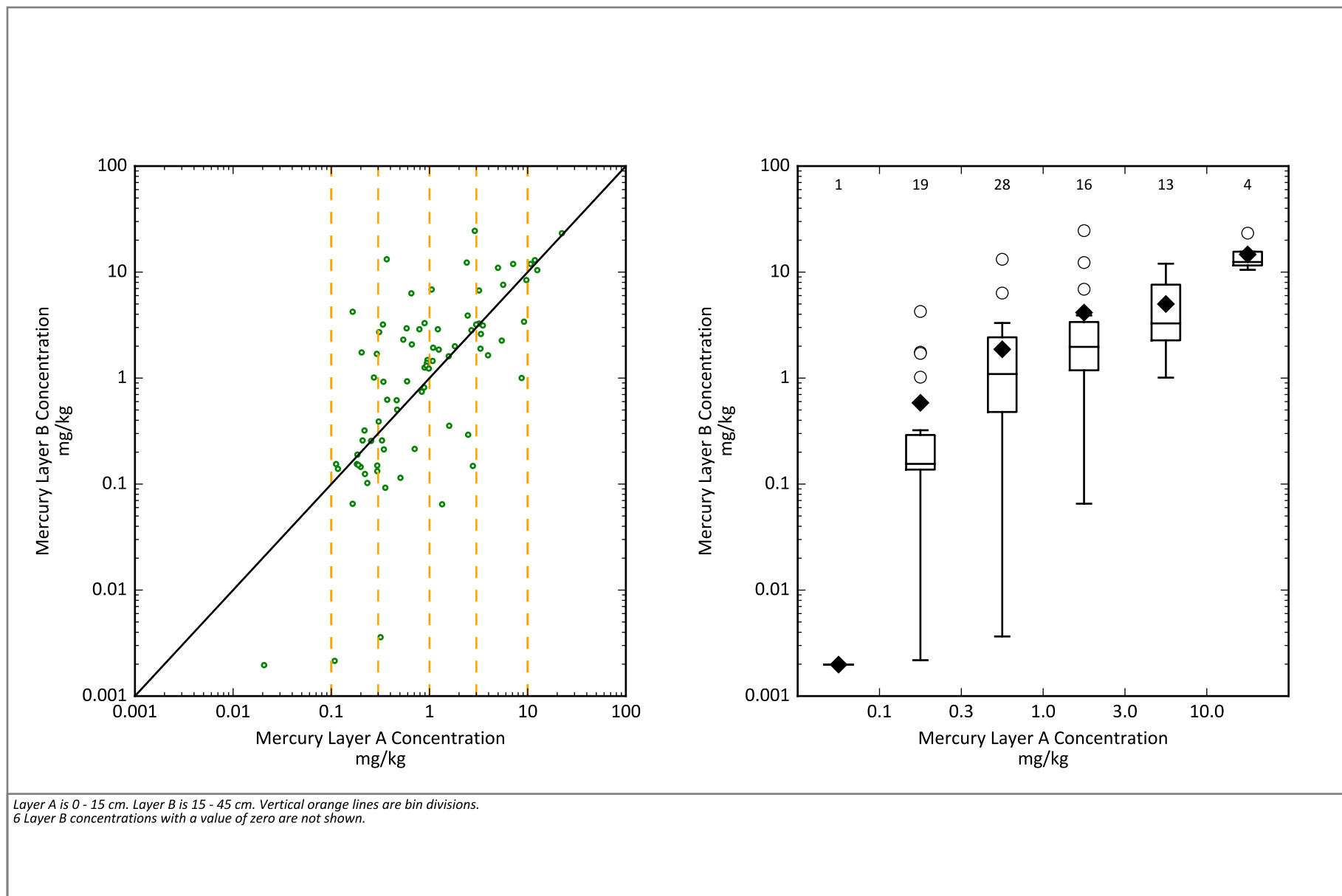


Publish Date: 06/19/2019 15:33 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 8a

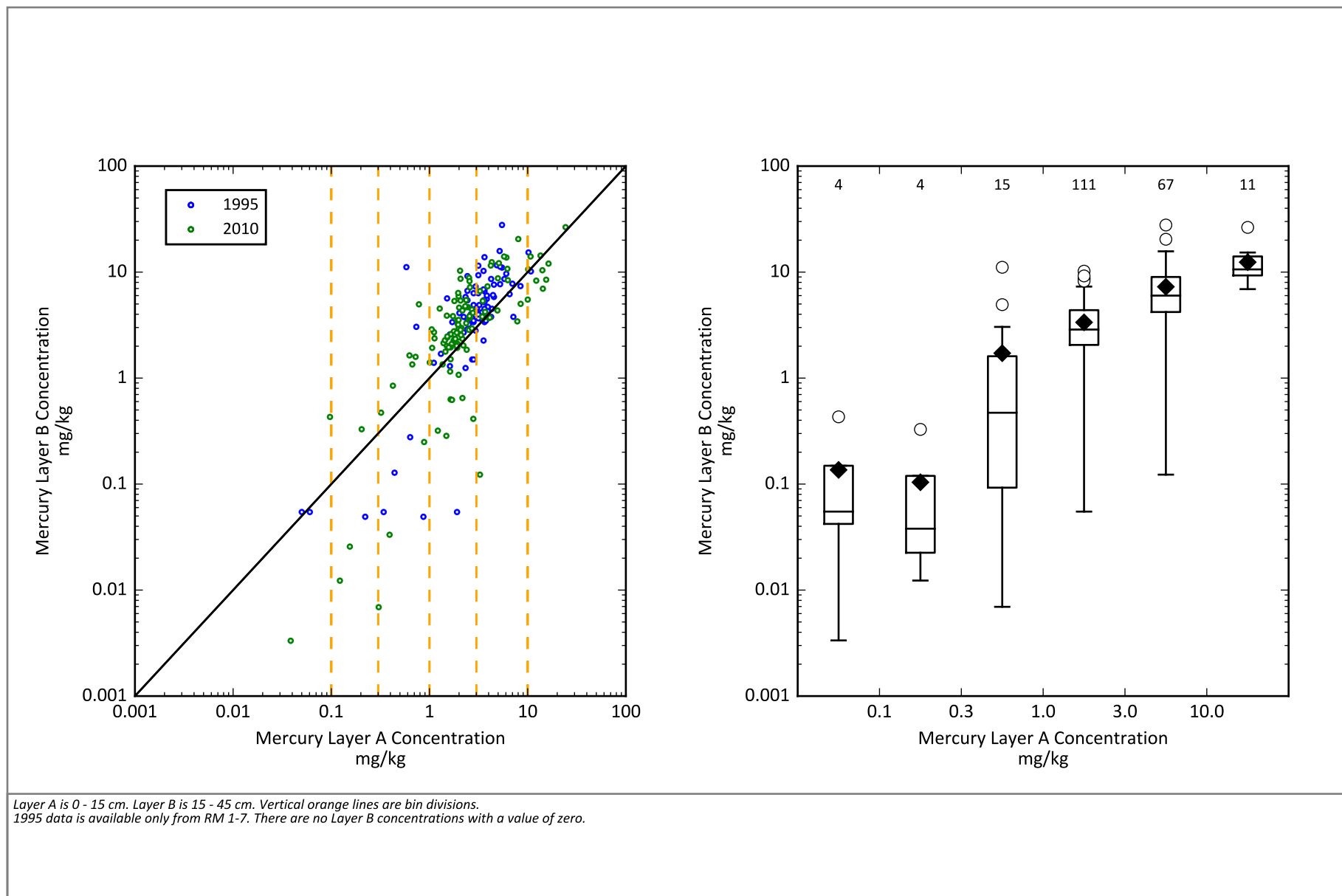
Mercury: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



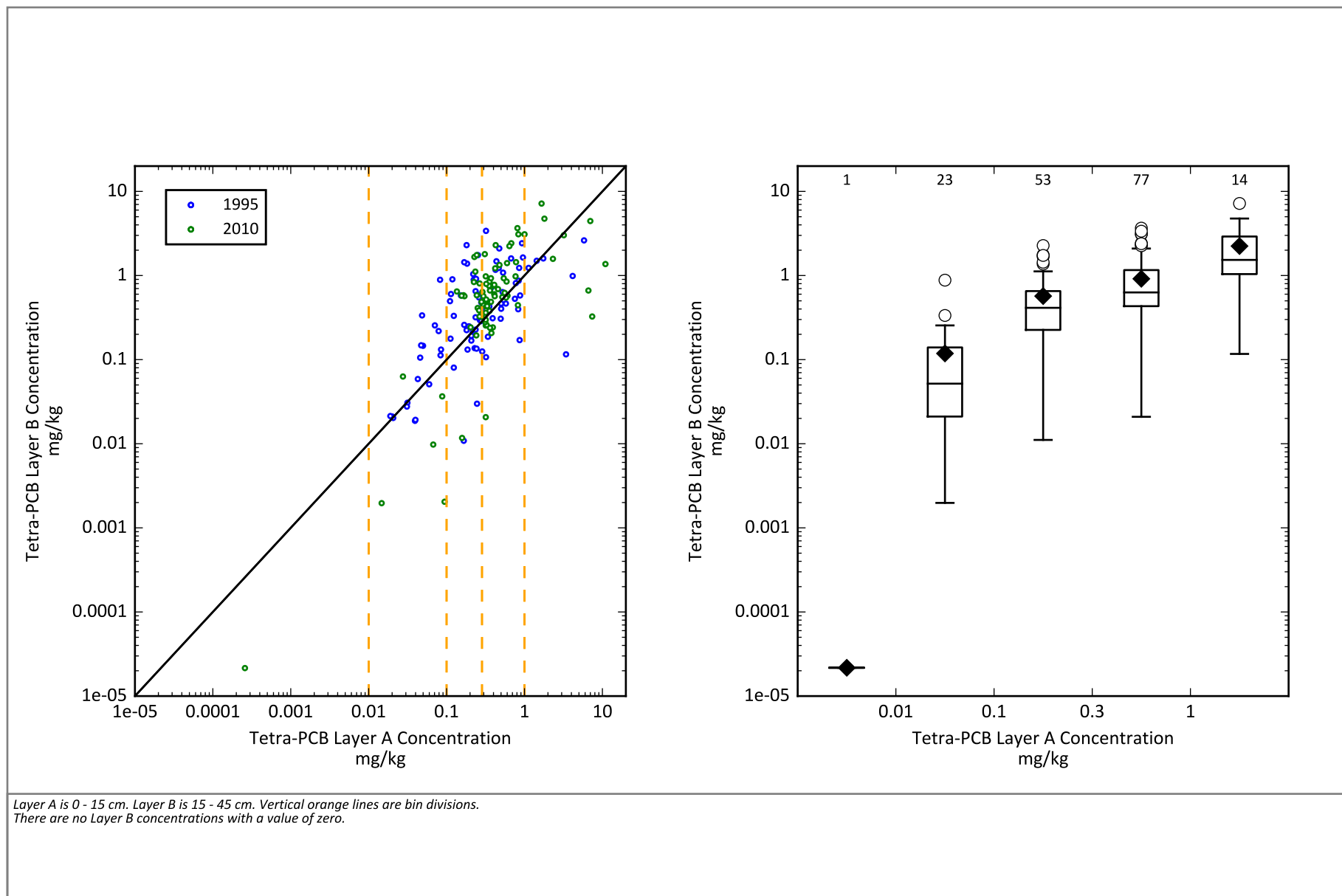
Publish Date: 06/19/2019 15:33 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 8b
Mercury: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for Non-Silt RM 7.8-14.7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



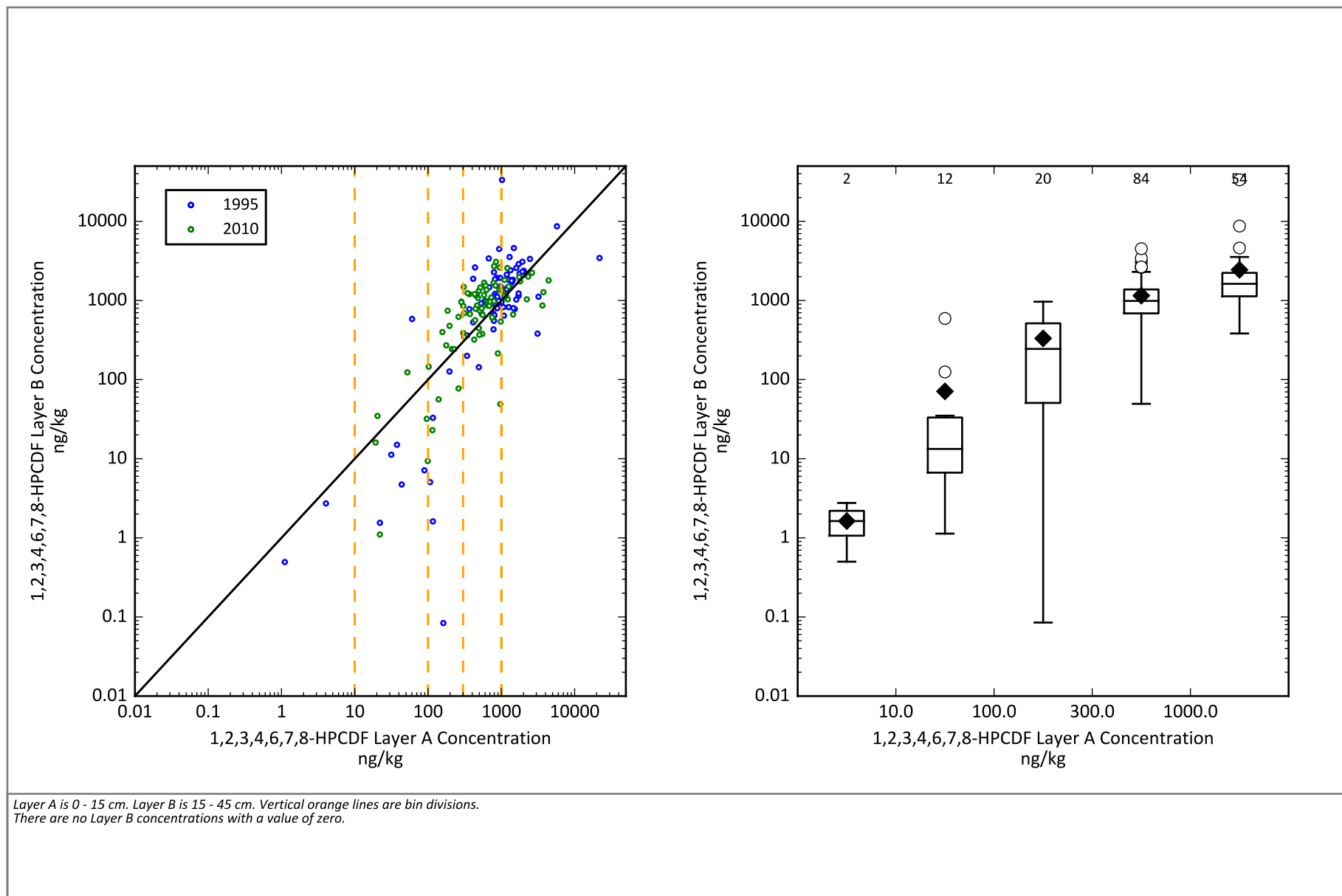
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_6_3_and_4_crossplot_Data_19952010.py

Figure 8c
Mercury: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 2010 Layer B for RM 0-7.8
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



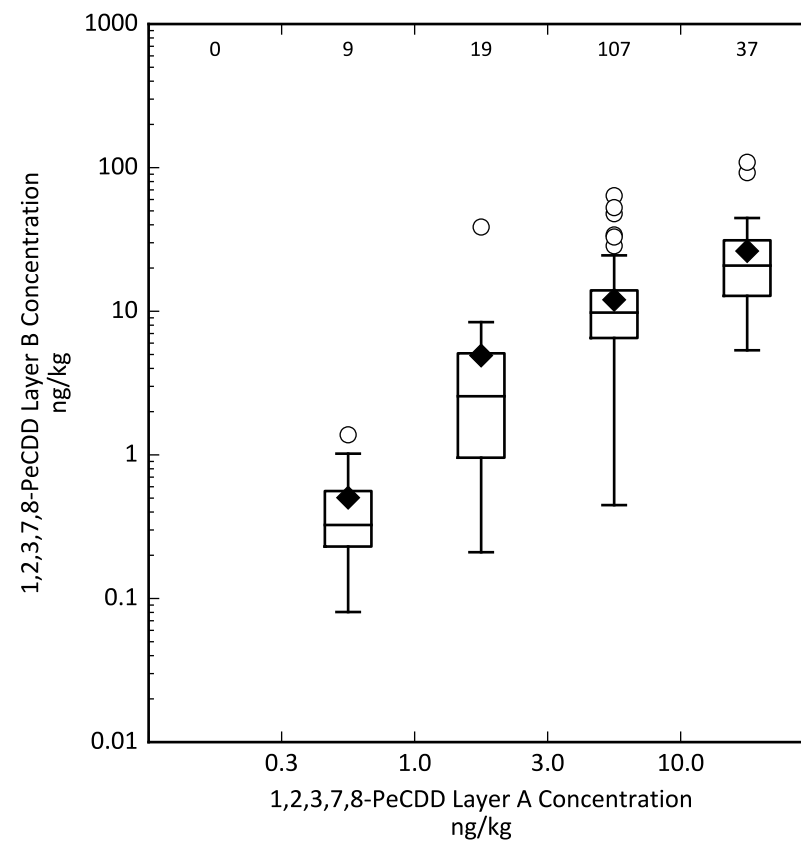
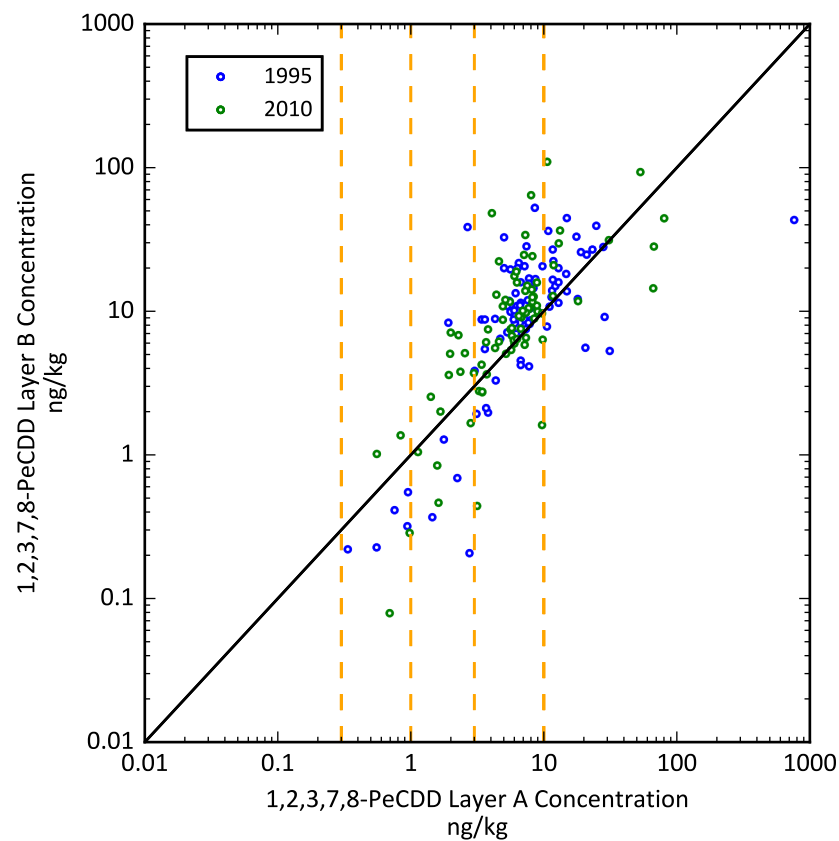
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 9
Tetra-PCB: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_6_3_and_4_crossplot_Data_19952010.py

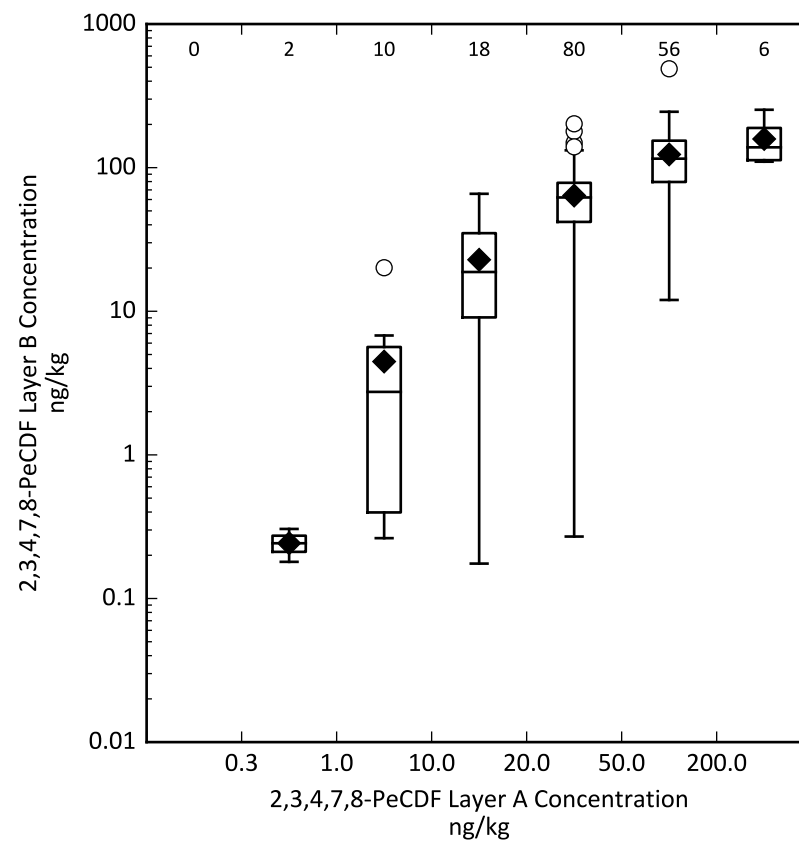
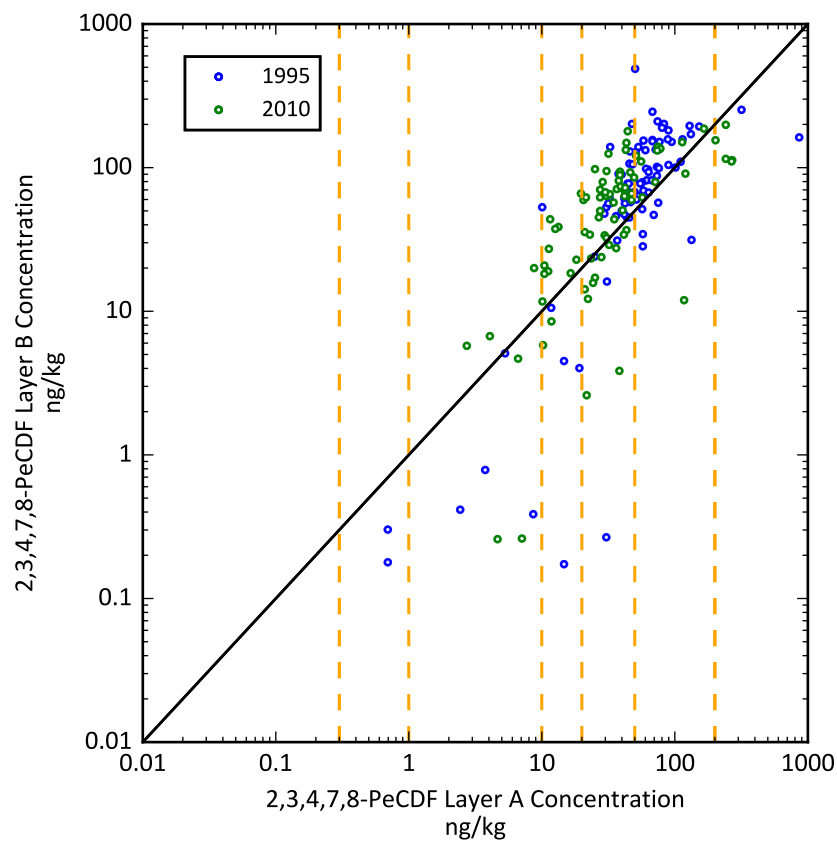
Figure 10
1,2,3,4,6,7,8-HPCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
There are no Layer B concentrations with a value of zero.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_6_3_and_4_crossplot_Data_19952010.py

Figure 11
1,2,3,7,8-PeCDD: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study

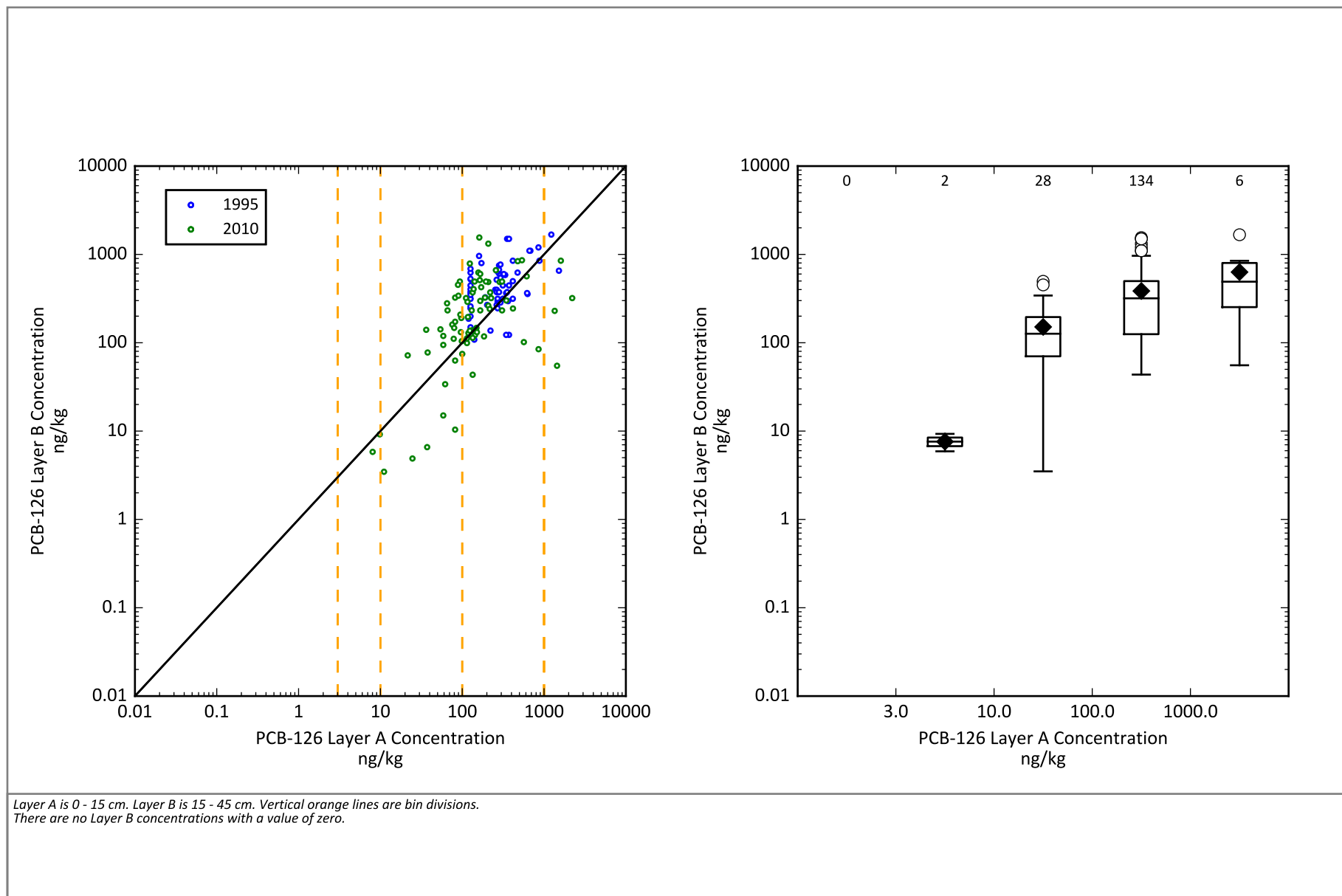


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
There are no Layer B concentrations with a value of zero.

Publish Date: 06/19/2019 15:33 PM | User: DB
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

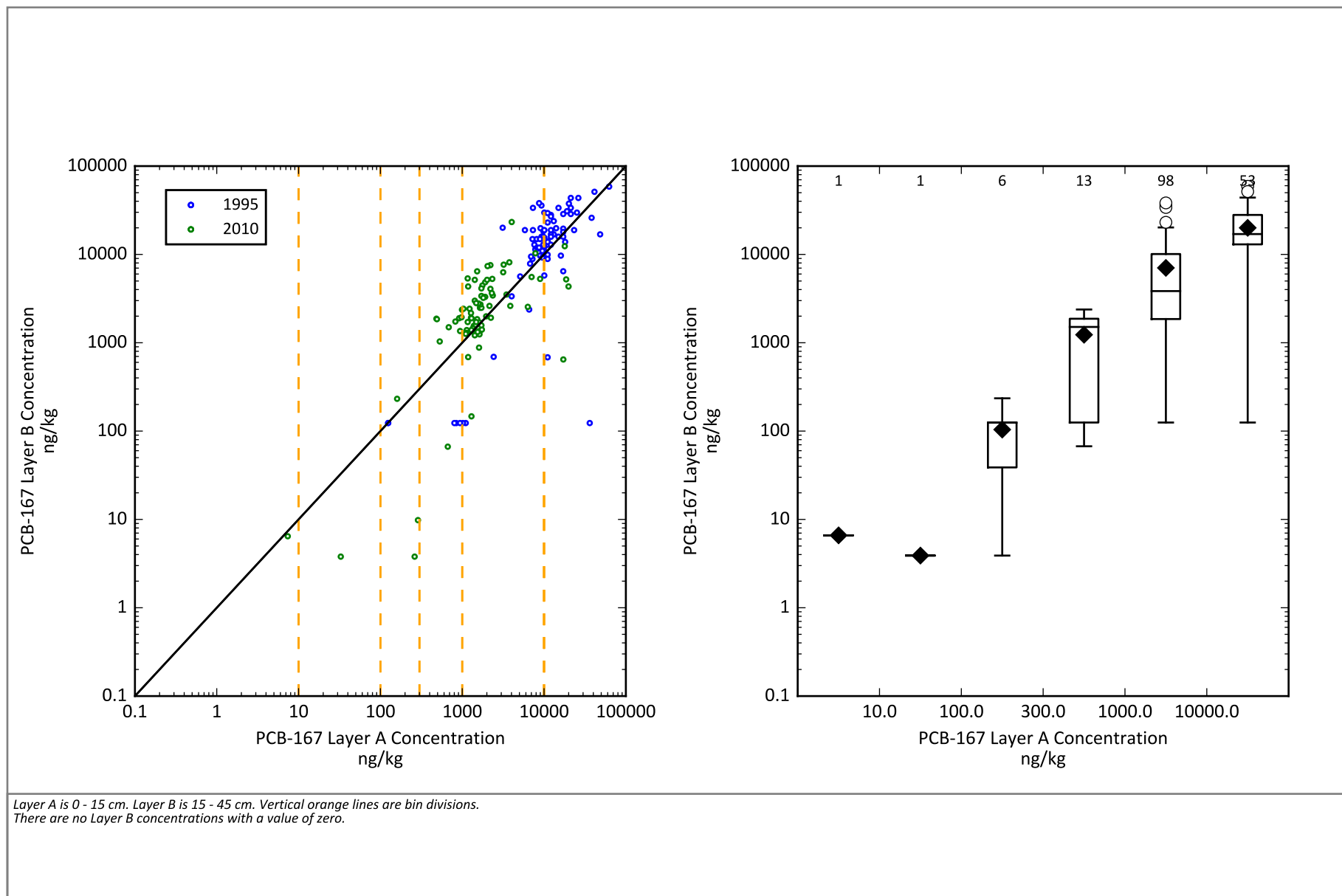
Figure 12
2,3,4,7,8-PeCDF: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



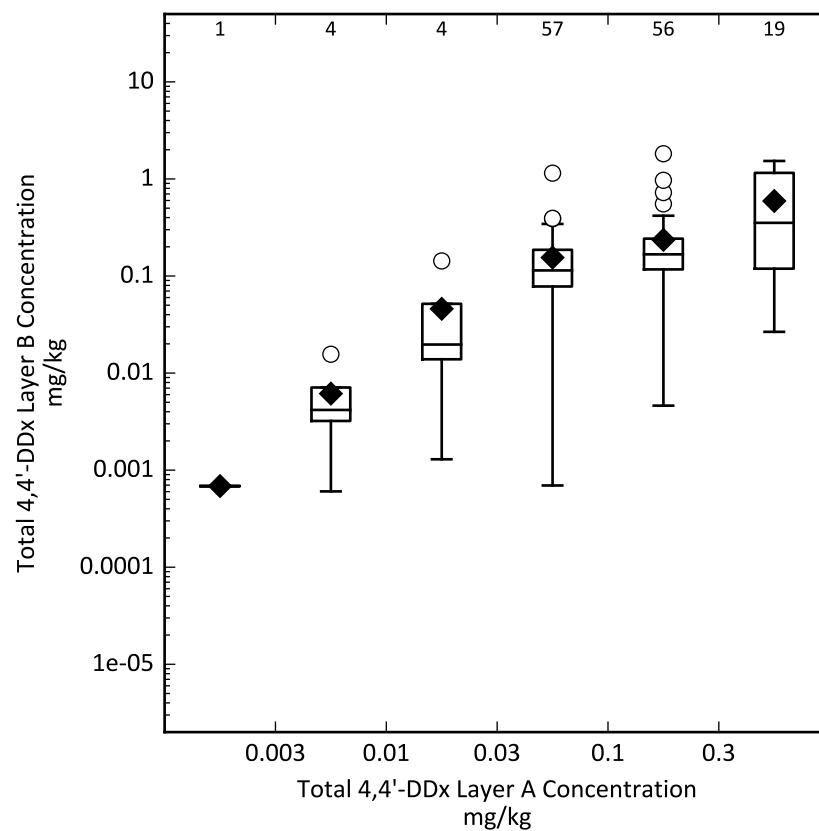
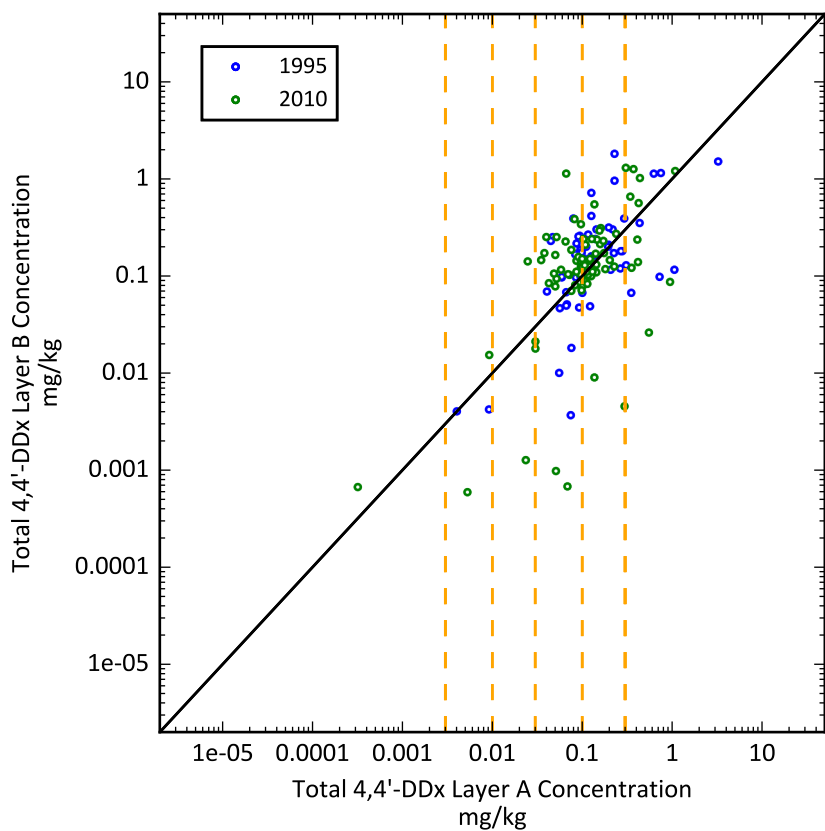
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 13
PCB-126: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

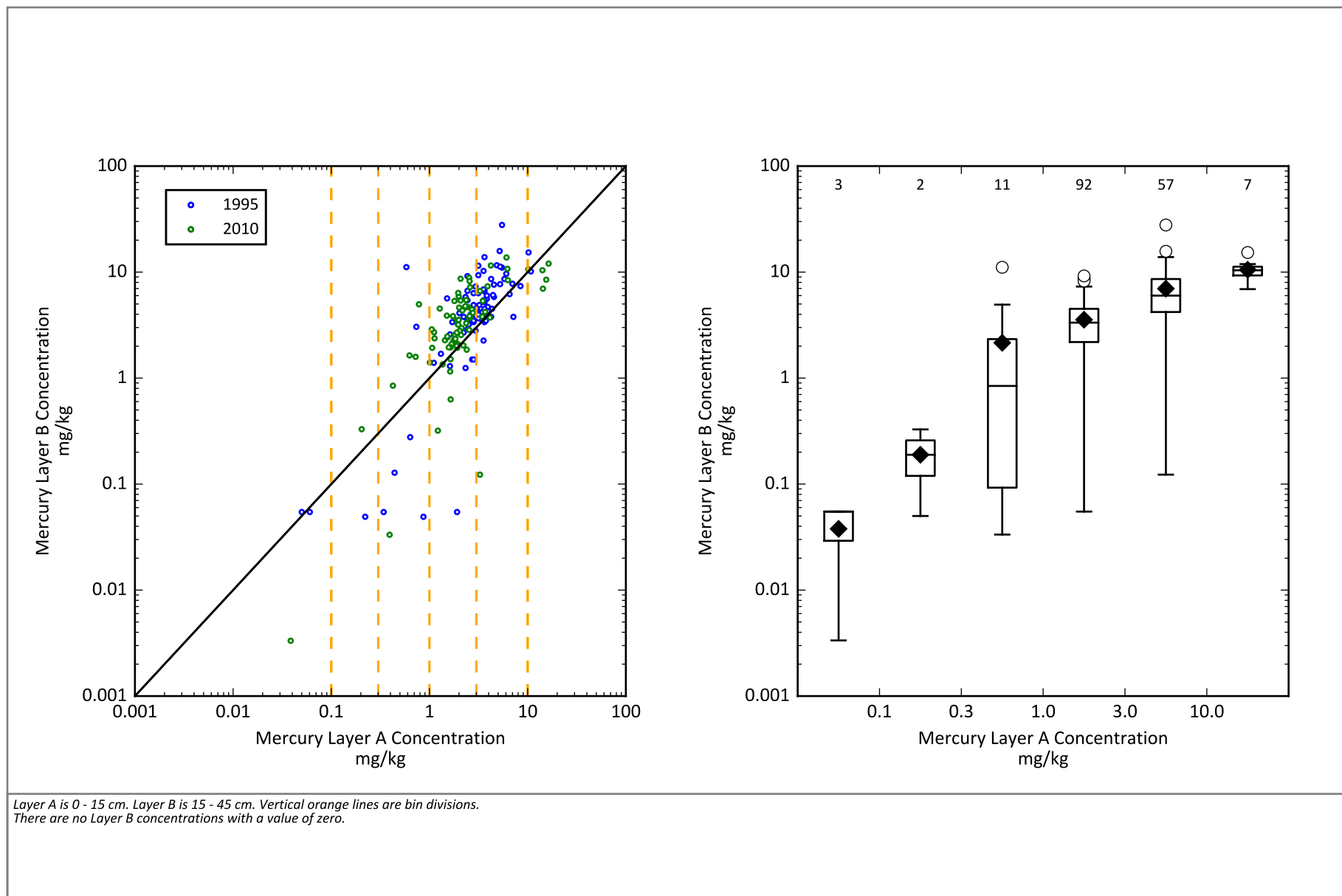
Figure 14
PCB-167: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
There are no Layer B concentrations with a value of zero.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_6_3_and_4_crossplot_Data_19952010.py

Figure 15
Total 4,4'-DDx: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study

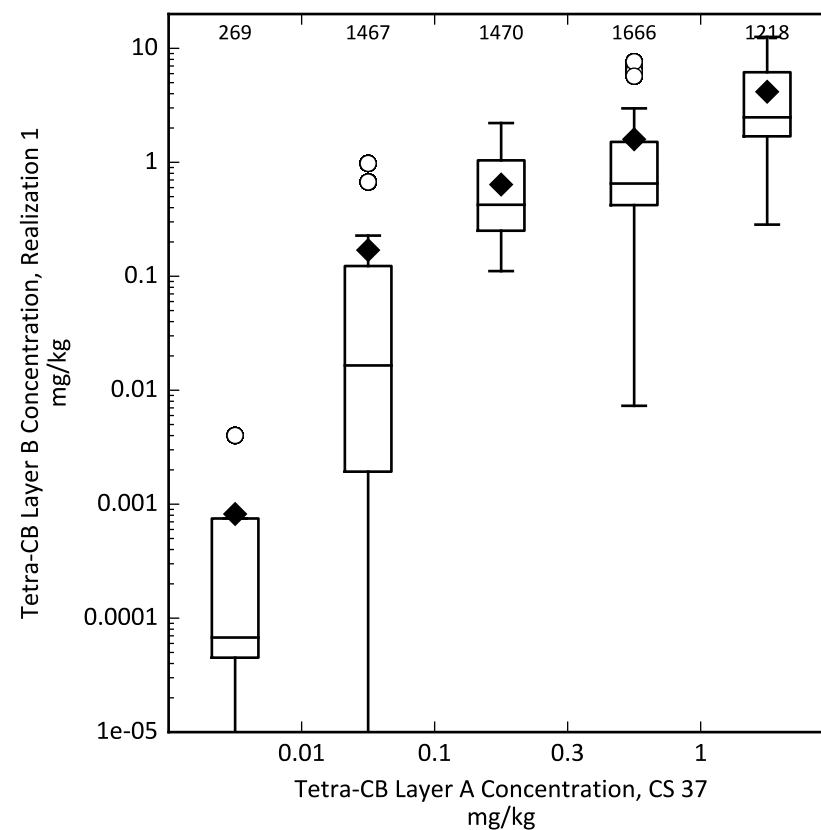
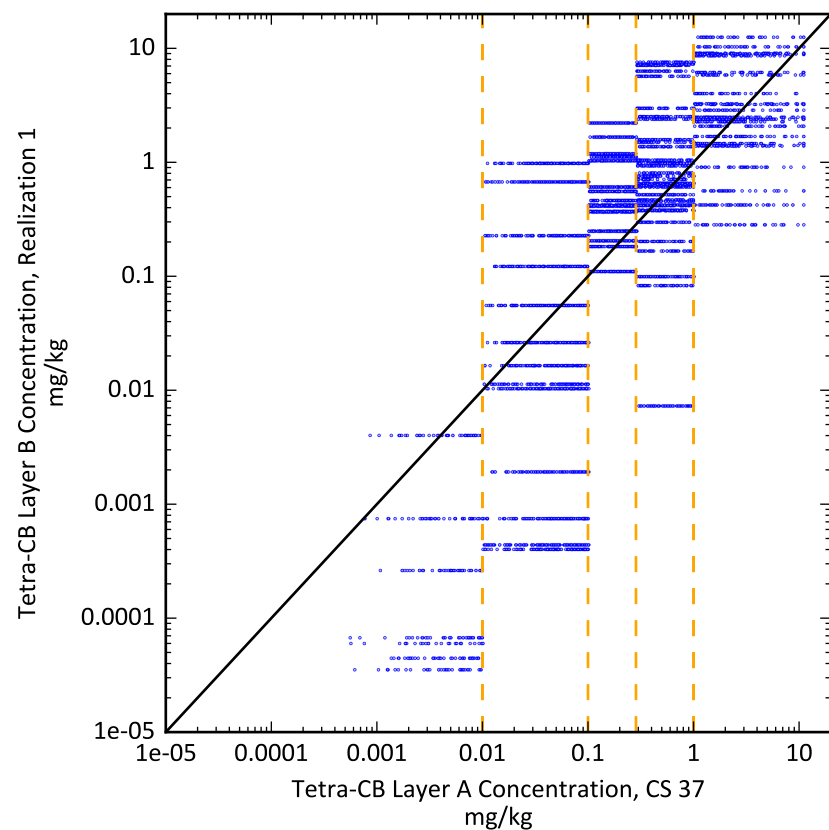


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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_6_3_and_4_crossplot_Data_19952010.py

Figure 16
Mercury: Relationship Between Layer A and Layer B Data Used as a Pool to Resample 1995 Layer B for RM 1-7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study

Attachment 3

Comparison of Mapped Surfaces for Layer A and Resampled Layer B for Additional COPCs

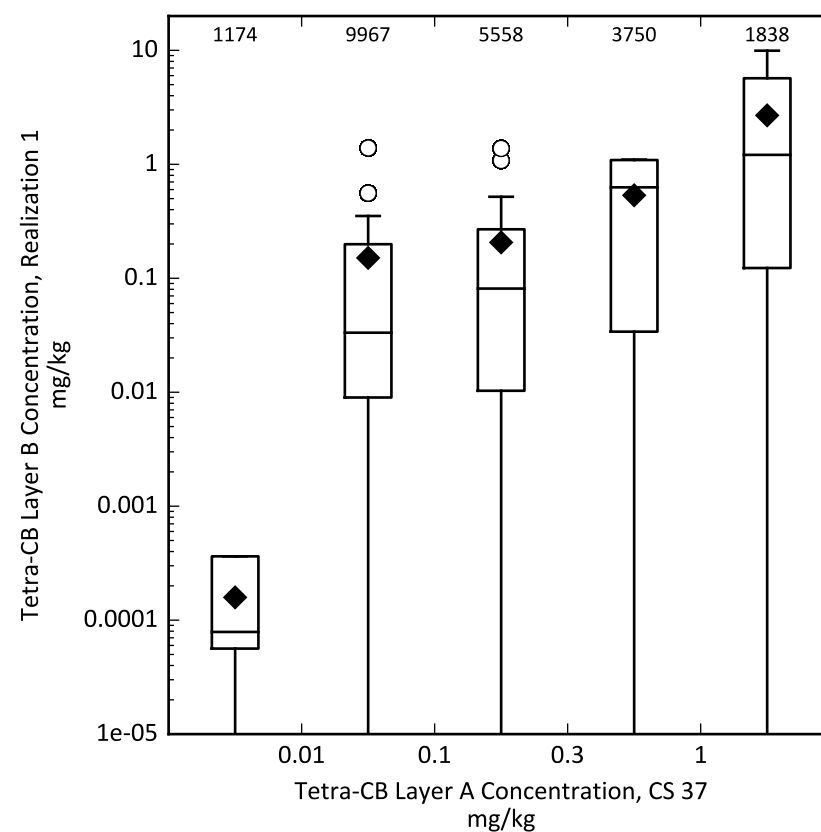
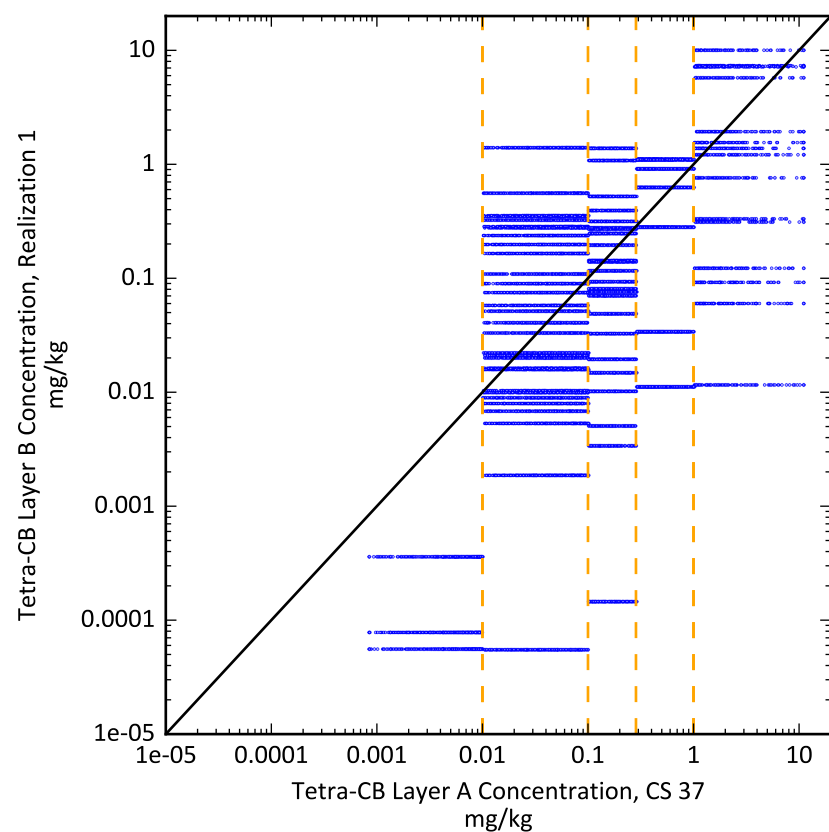


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions. Data is from the 2010 dataset. The Conditional Simulation was sampled on a 20 x 20 ft grid.

Publish Date: 06/19/2019 15:18 PM | User: GD
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_12_crossplot_CS_LayerB_Resample.py

Figure 1a
Tetra-CB 2010 Mapped Conditional Simulation Layer A and Layer Resampled B Comparison: Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study

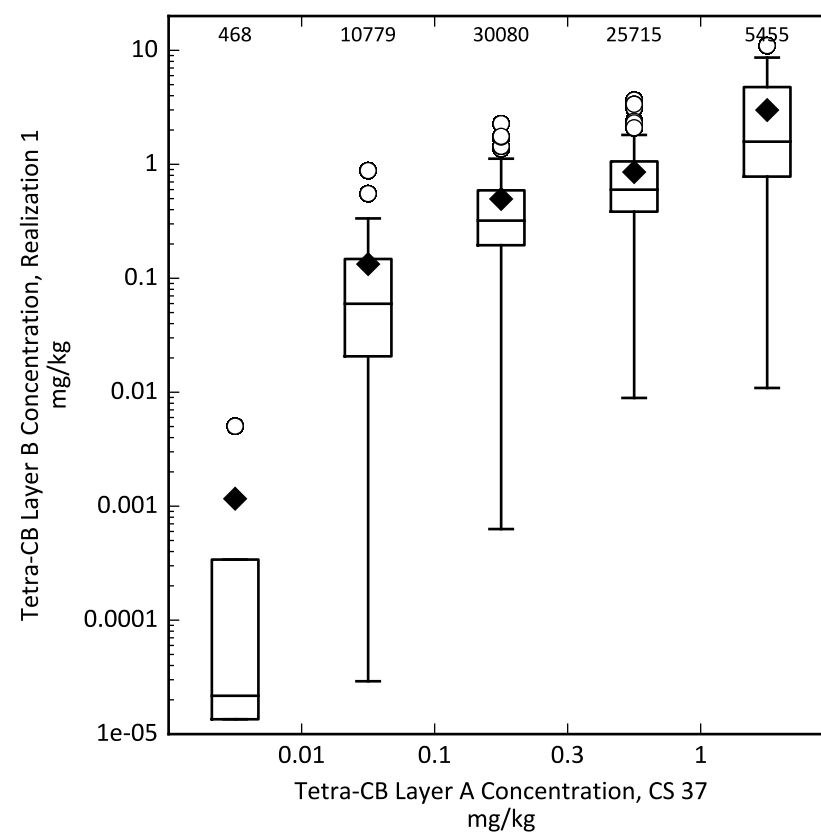
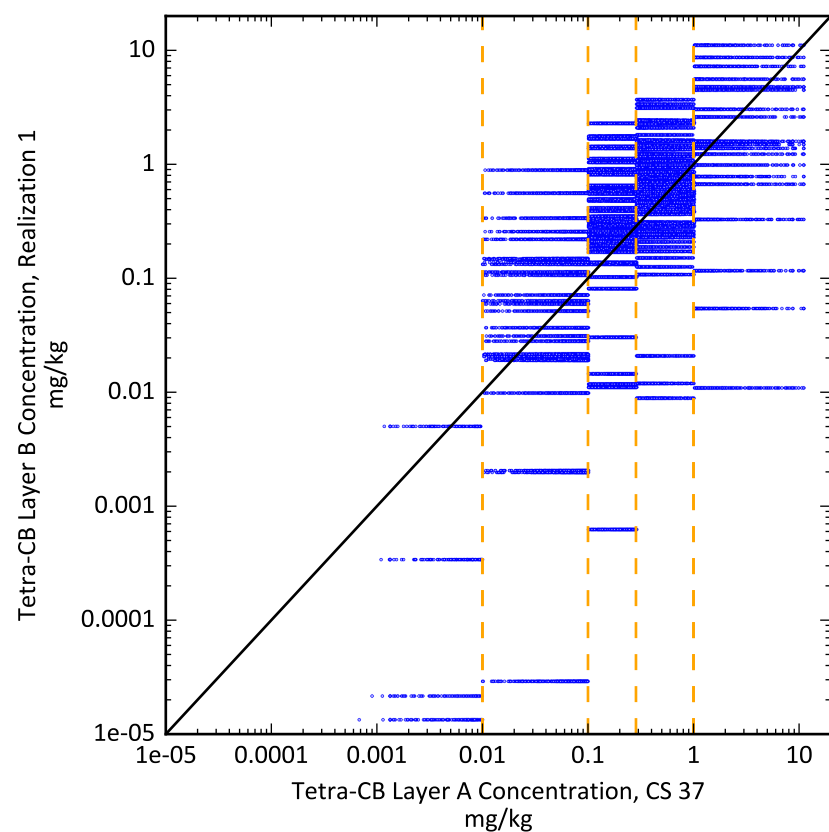


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions. Data is from the 2010 dataset. The Conditional Simulation was sampled on a 20 x 20 ft grid.

Publish Date: 06/19/2019 15:18 PM | User: GD
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_12_crossplot_CS_LayerB_Resample.py

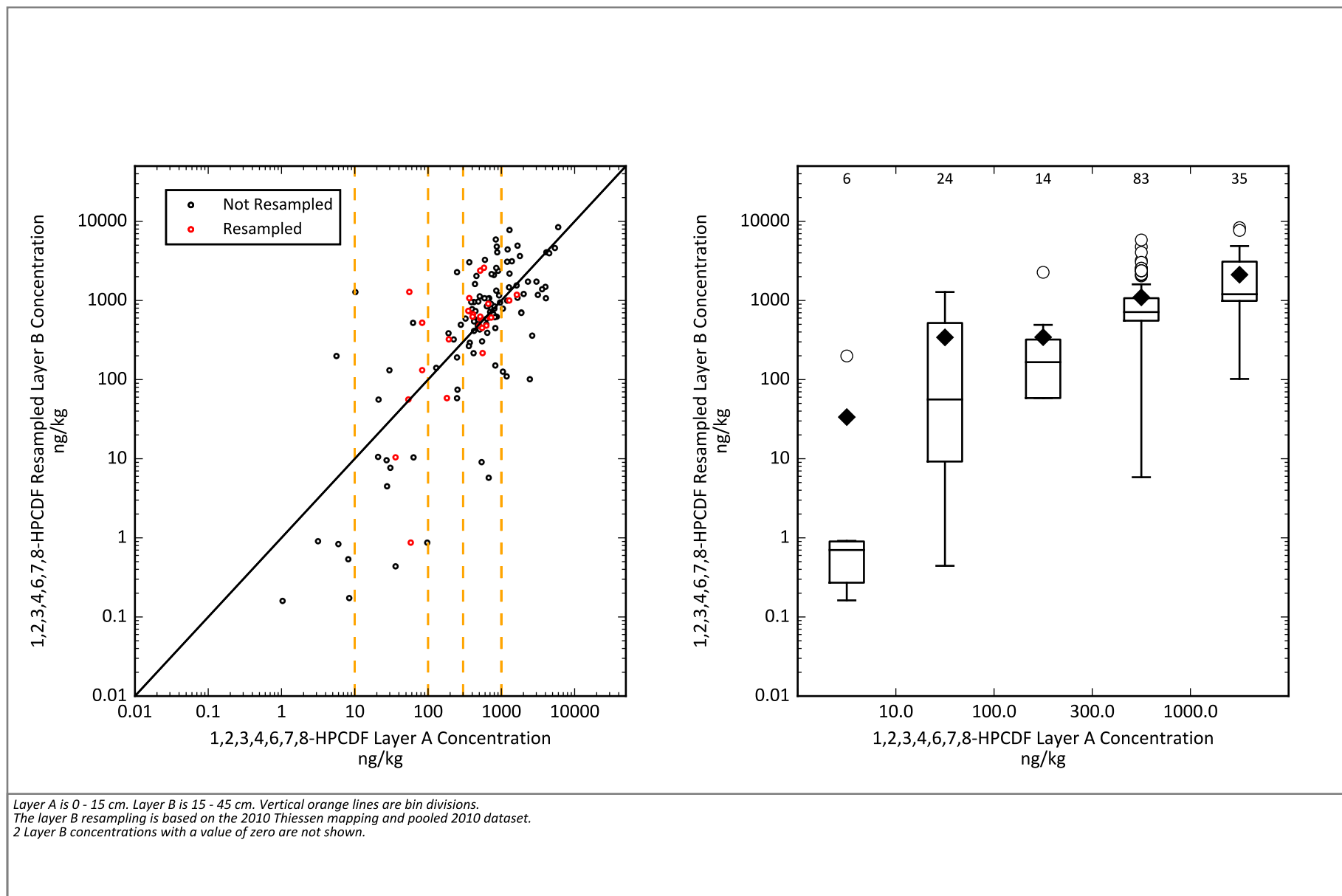
Figure 1b
Tetra-CB 2010 Mapped Conditional Simulation Layer A and Layer Resampled B Comparison: Non-Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



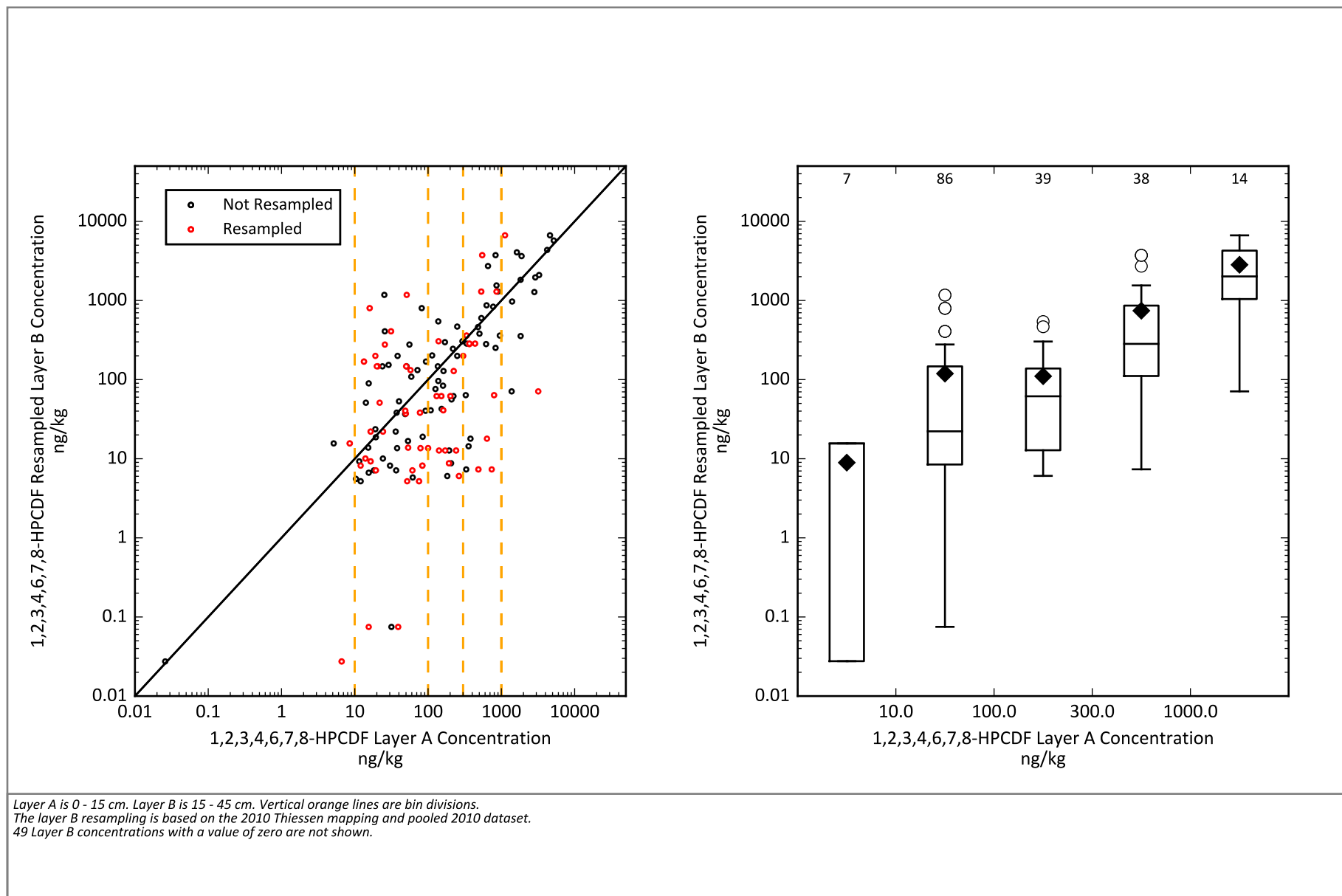
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions. Data is from the pooled 1995 and 2010 dataset. The Conditional Simulation was sampled on a 20 x 20 ft grid.

Figure 1c
Tetra-CB 2010 Mapped Conditional Simulation Layer A and Layer Resampled B Comparison: RM 0-7.8
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



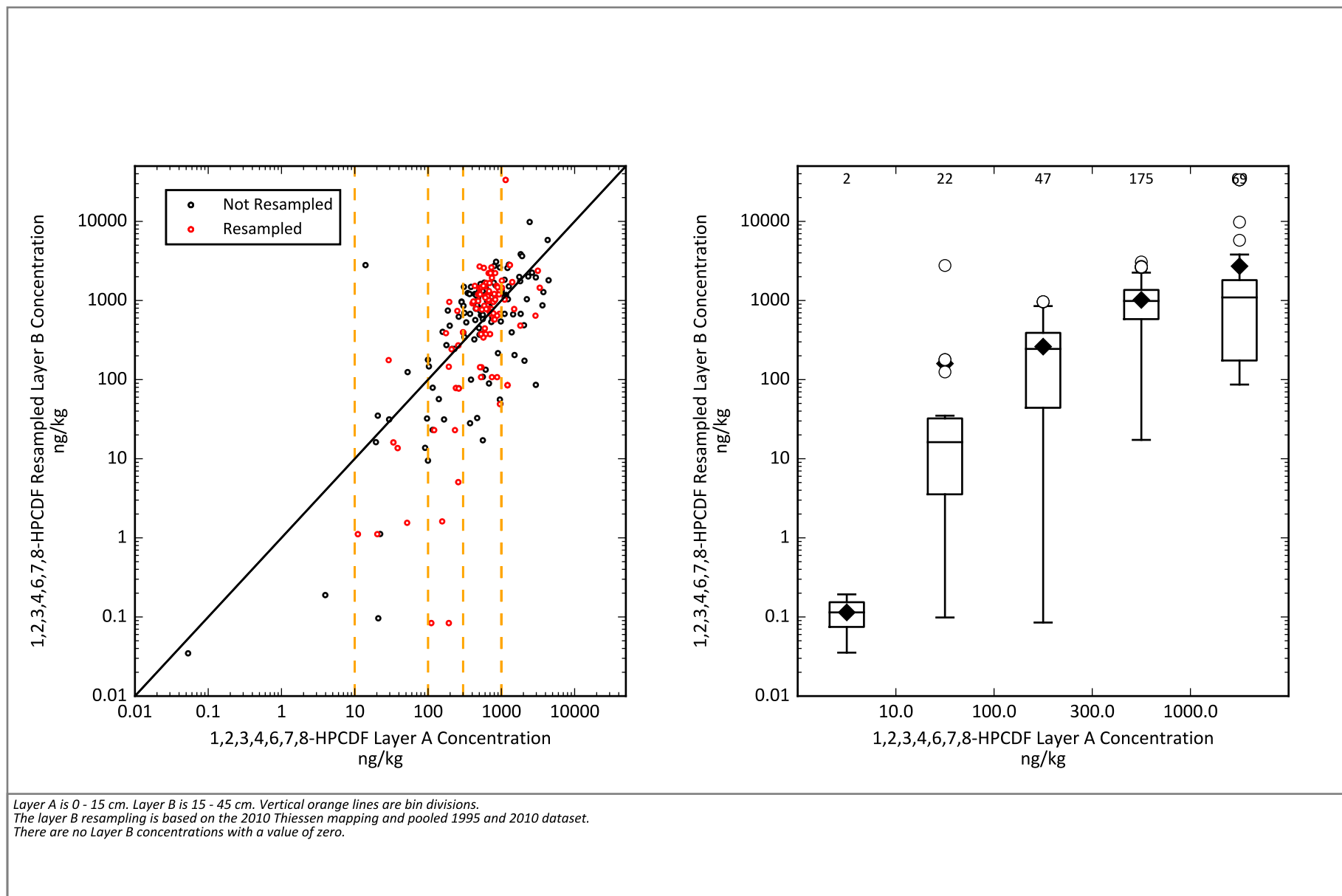
Publish Date: 06/19/2019 15:29 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_13_14_crossplot_Thiessen_newlayerB.py

Figure 2a
1,2,3,4,6,7,8-HPCDF 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7



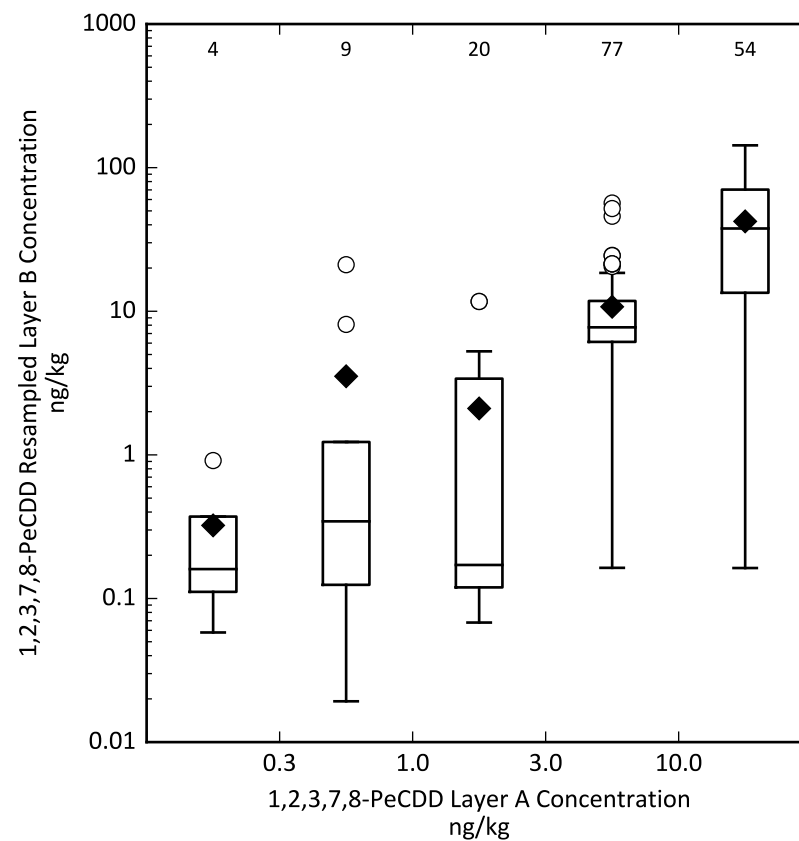
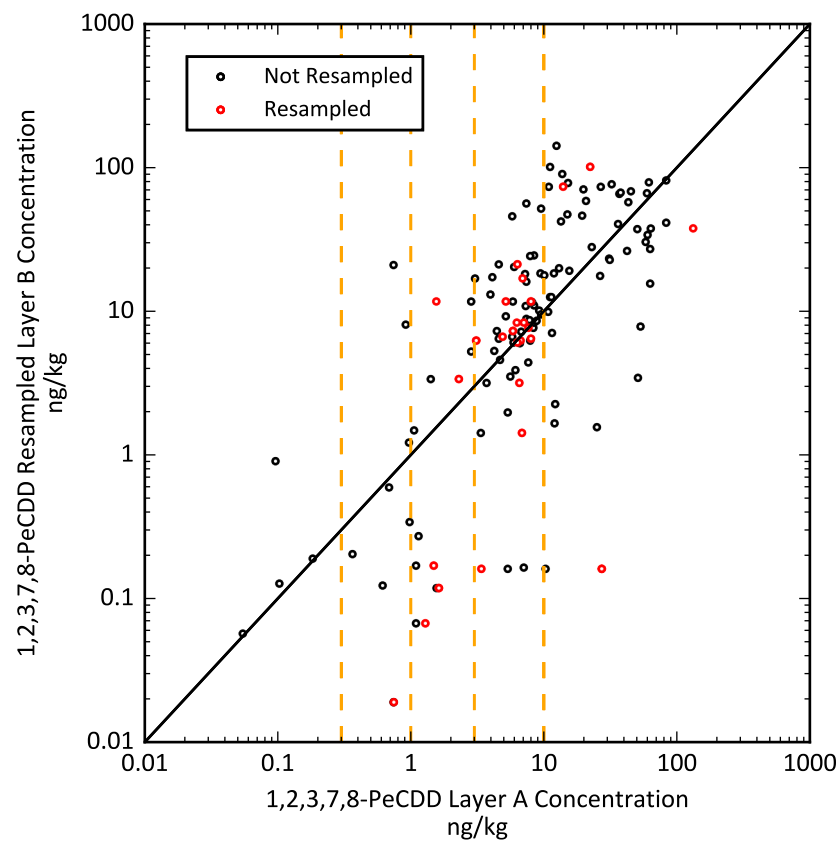
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Figure 2b
1,2,3,4,6,7,8-HPCDF 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Publish Date: 06/19/2019 15:29 PM | User: DB
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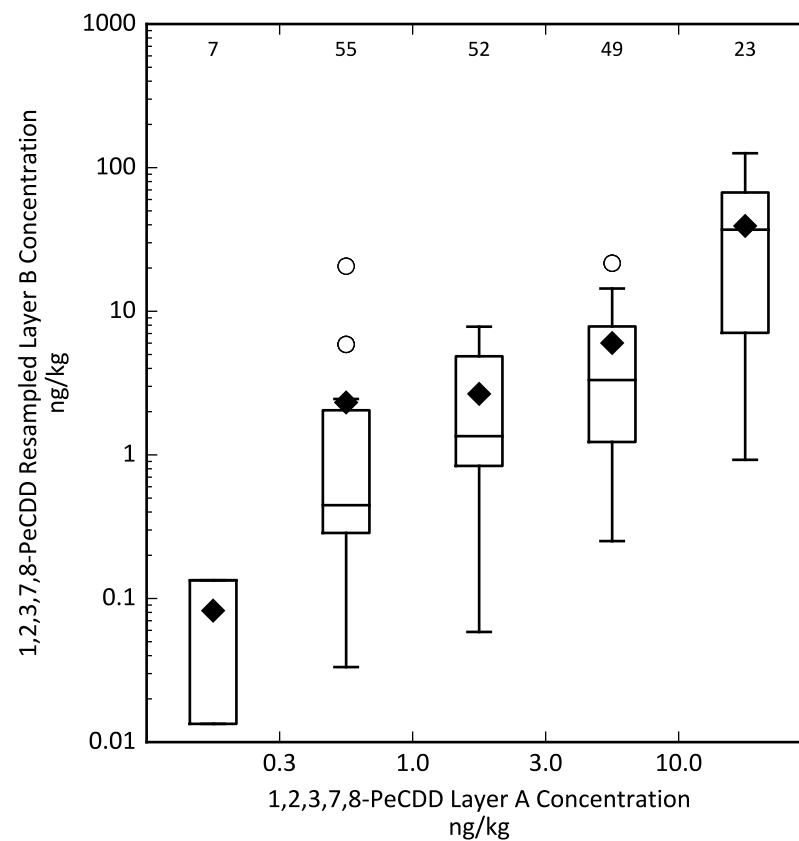
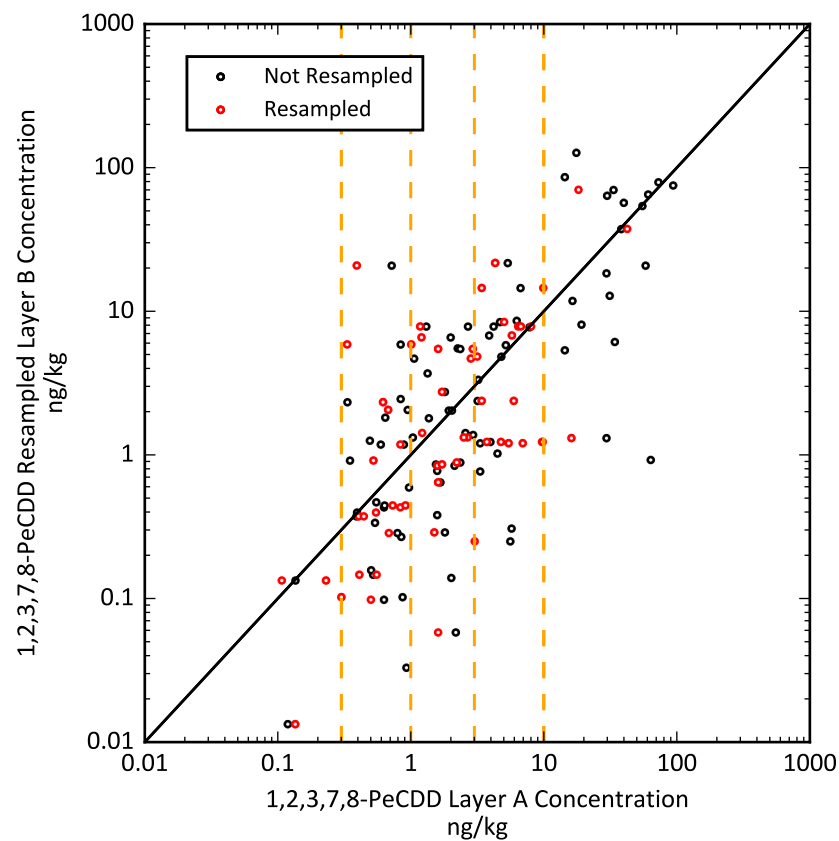
Figure 2c
1,2,3,4,6,7,8-HPCDF 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 2010 dataset.
2 Layer B concentrations with a value of zero are not shown.

Publish Date: 06/19/2019 15:29 PM | User: DB
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 3a
1,2,3,7,8-PeCDD 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7

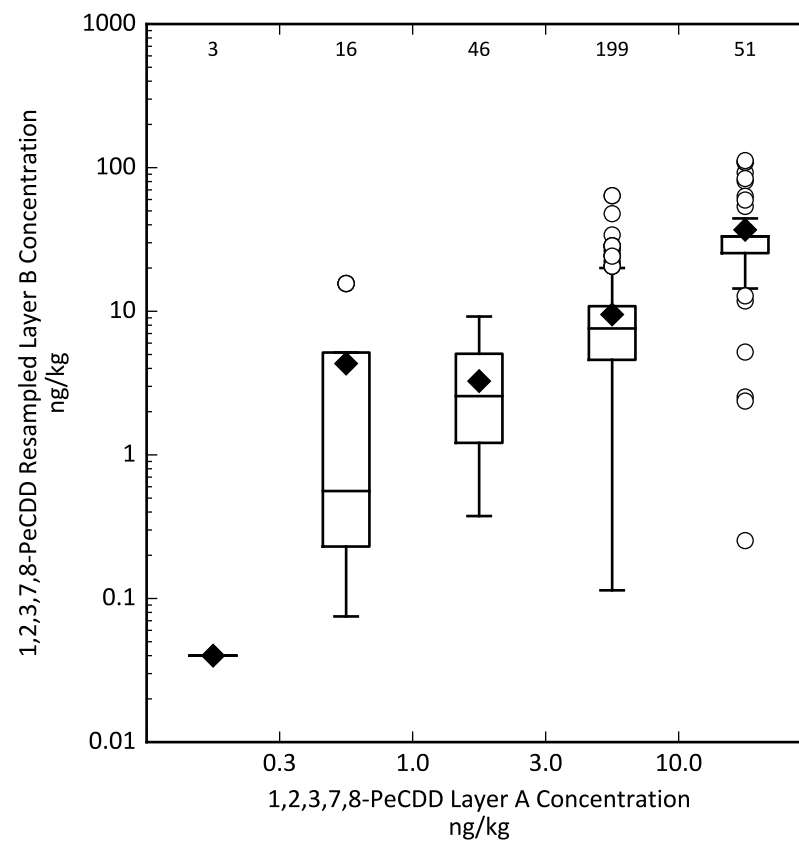
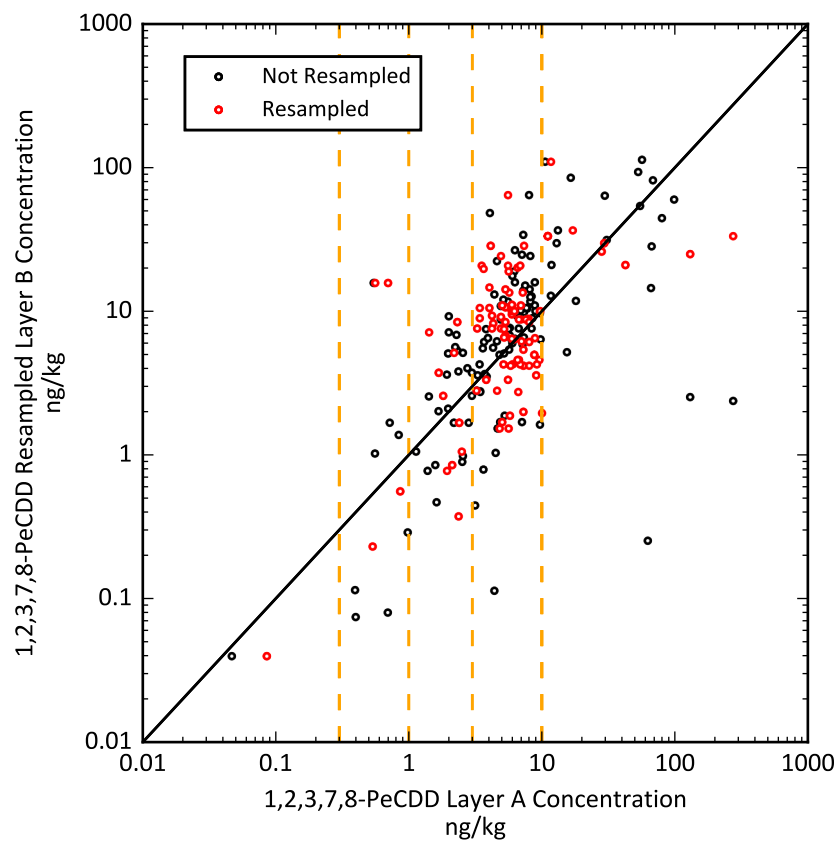


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 2010 dataset.
49 Layer B concentrations with a value of zero are not shown.

Publish Date: 06/19/2019 15:29 PM | User: DB
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 3b
1,2,3,7,8-PeCDD 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study

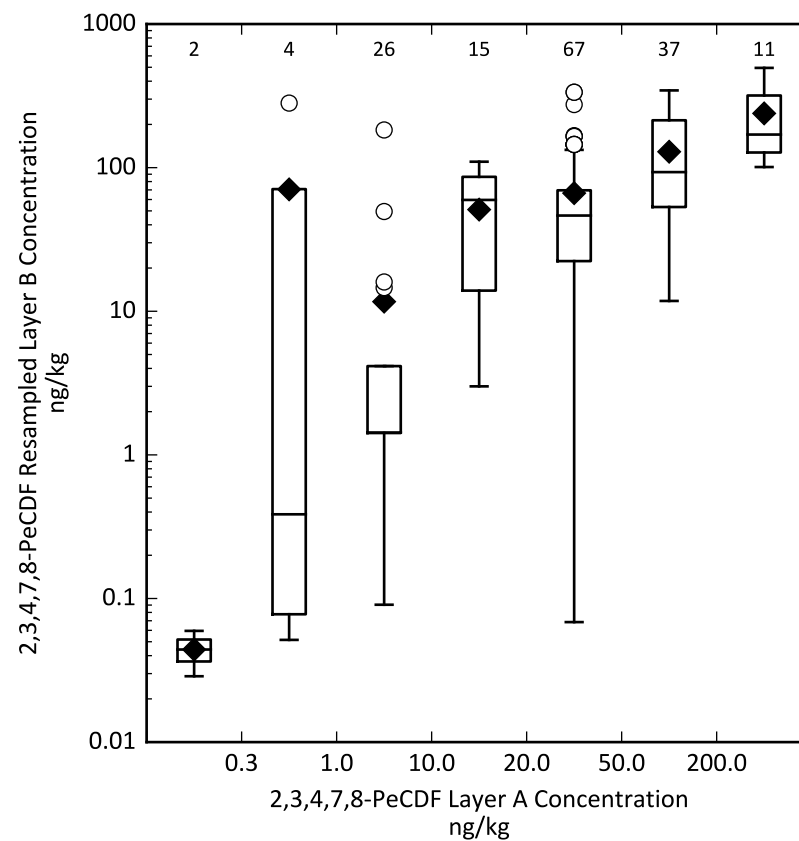
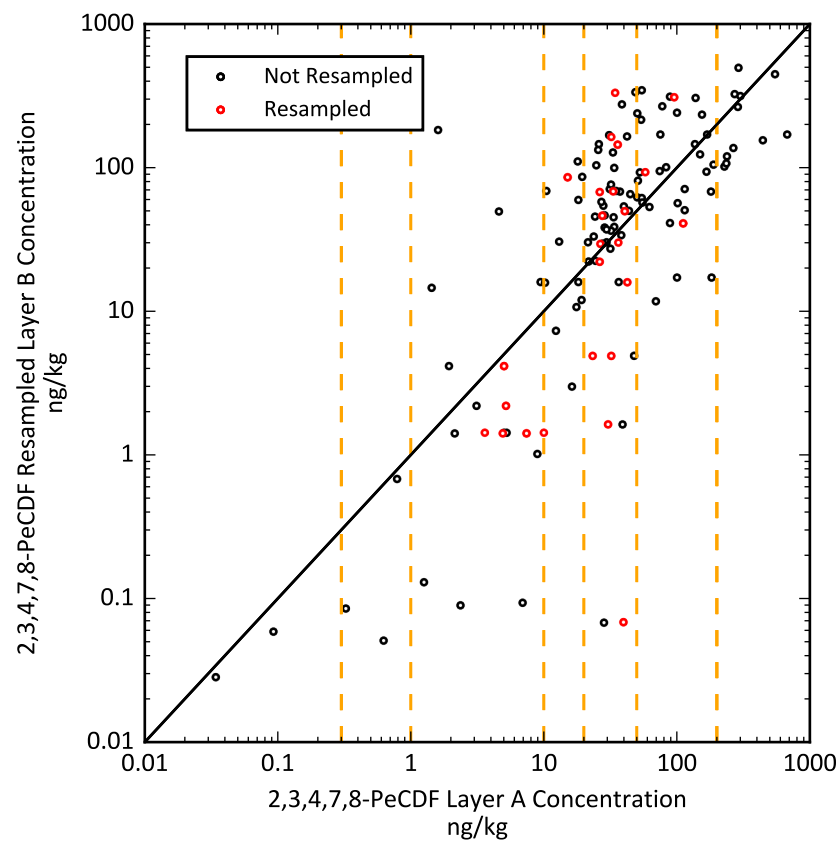


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 1995 and 2010 dataset.
There are no Layer B concentrations with a value of zero.

Publish Date: 06/19/2019 15:29 PM | User: DB
File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 3c
1,2,3,7,8-PeCDD 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8

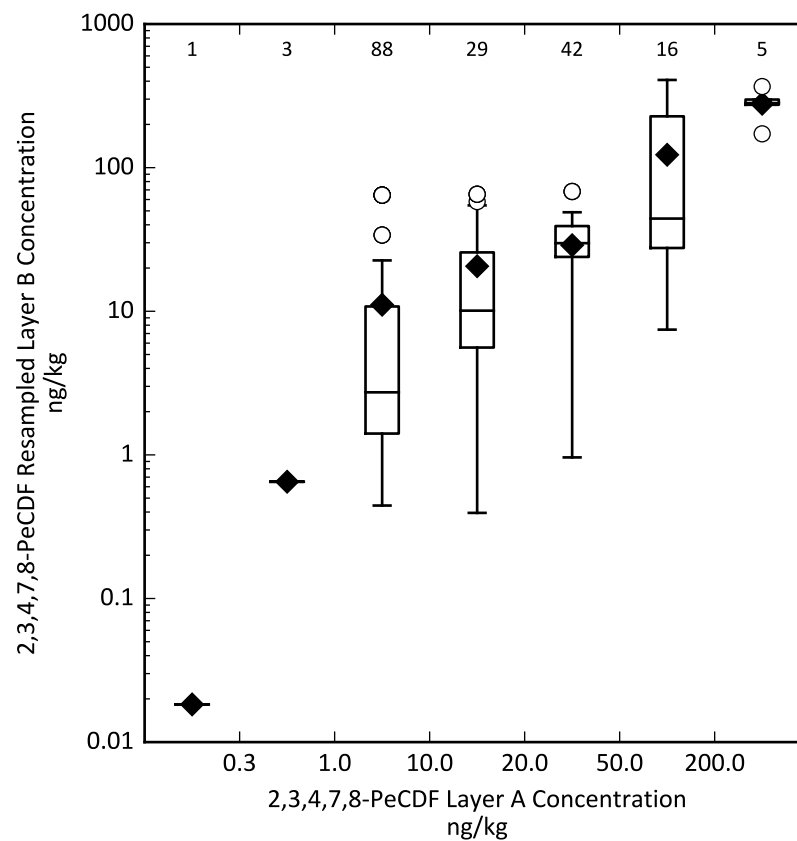
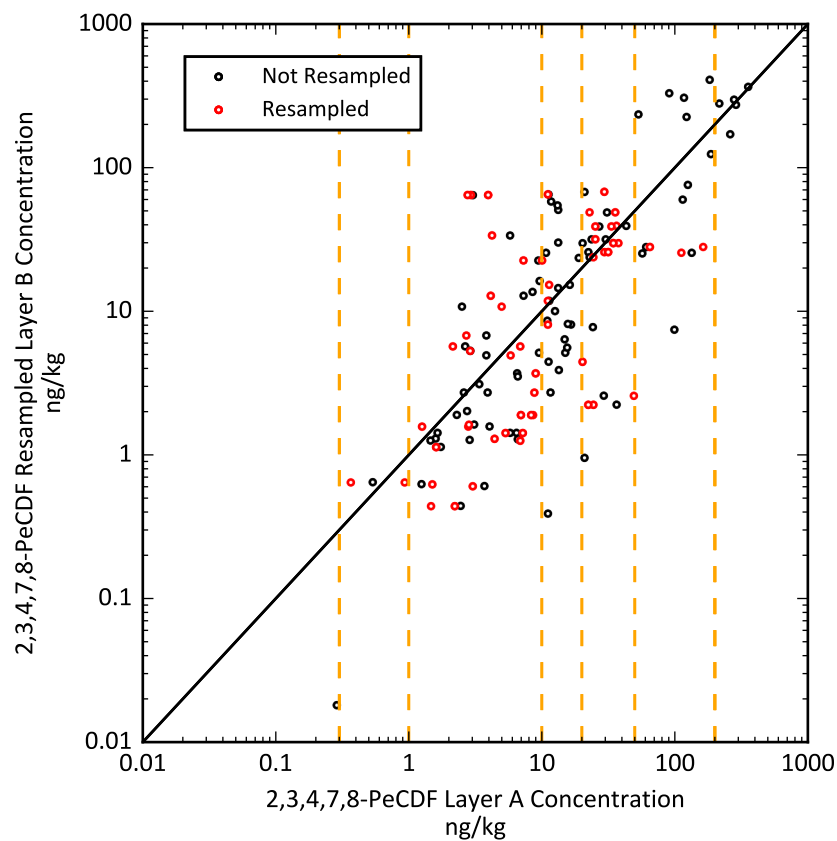
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 2010 dataset.
2 Layer B concentrations with a value of zero are not shown.

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Figure 4a
2,3,4,7,8-PeCDF 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7

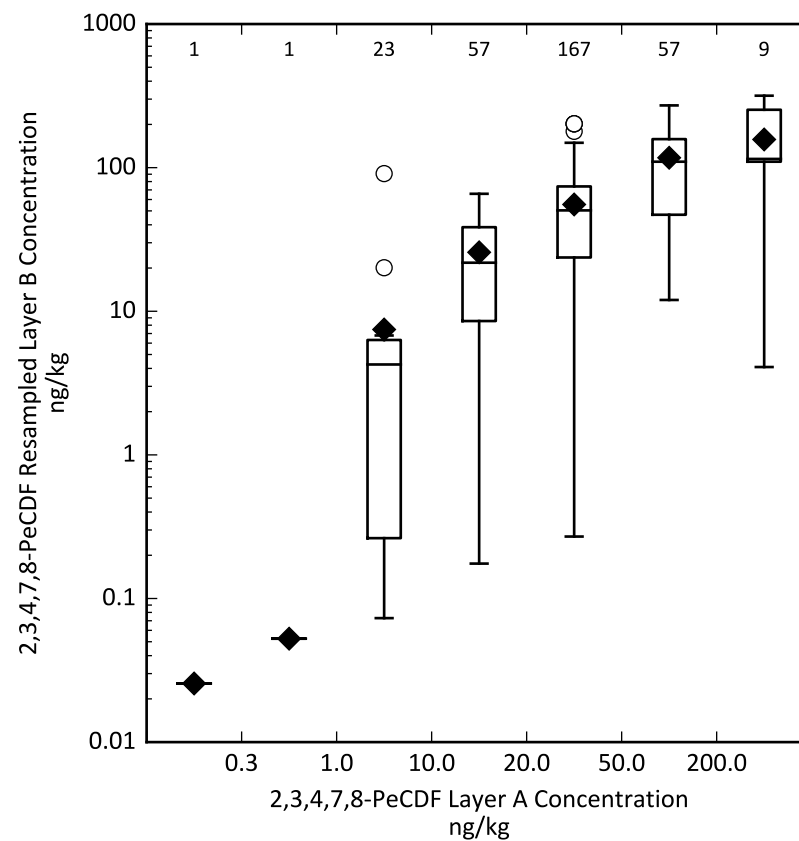
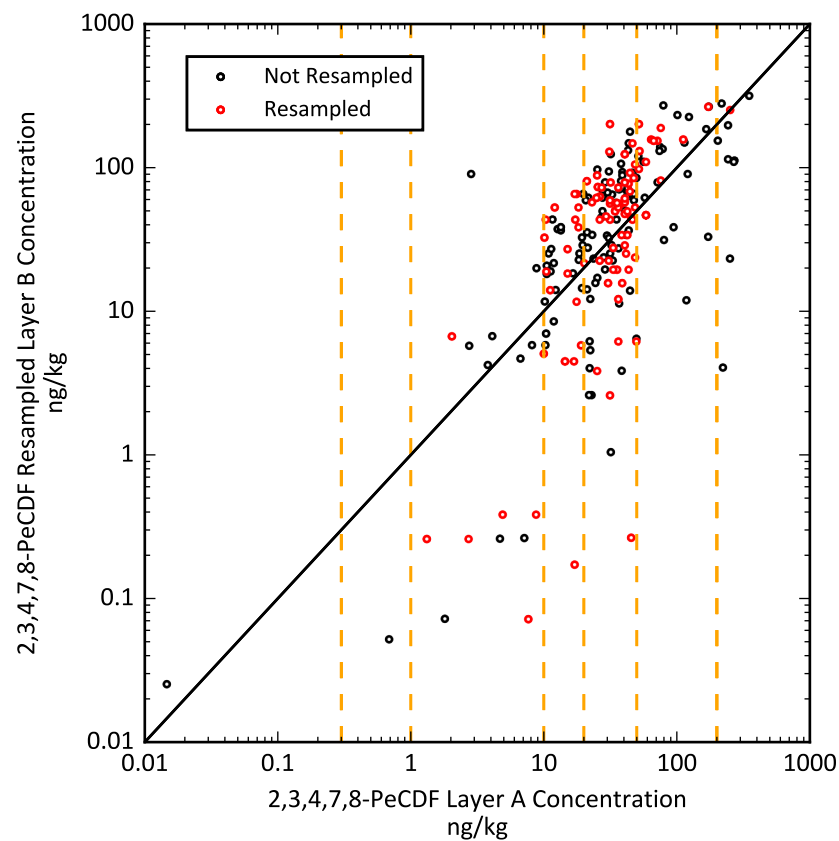


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 2010 dataset.
49 Layer B concentrations with a value of zero are not shown.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

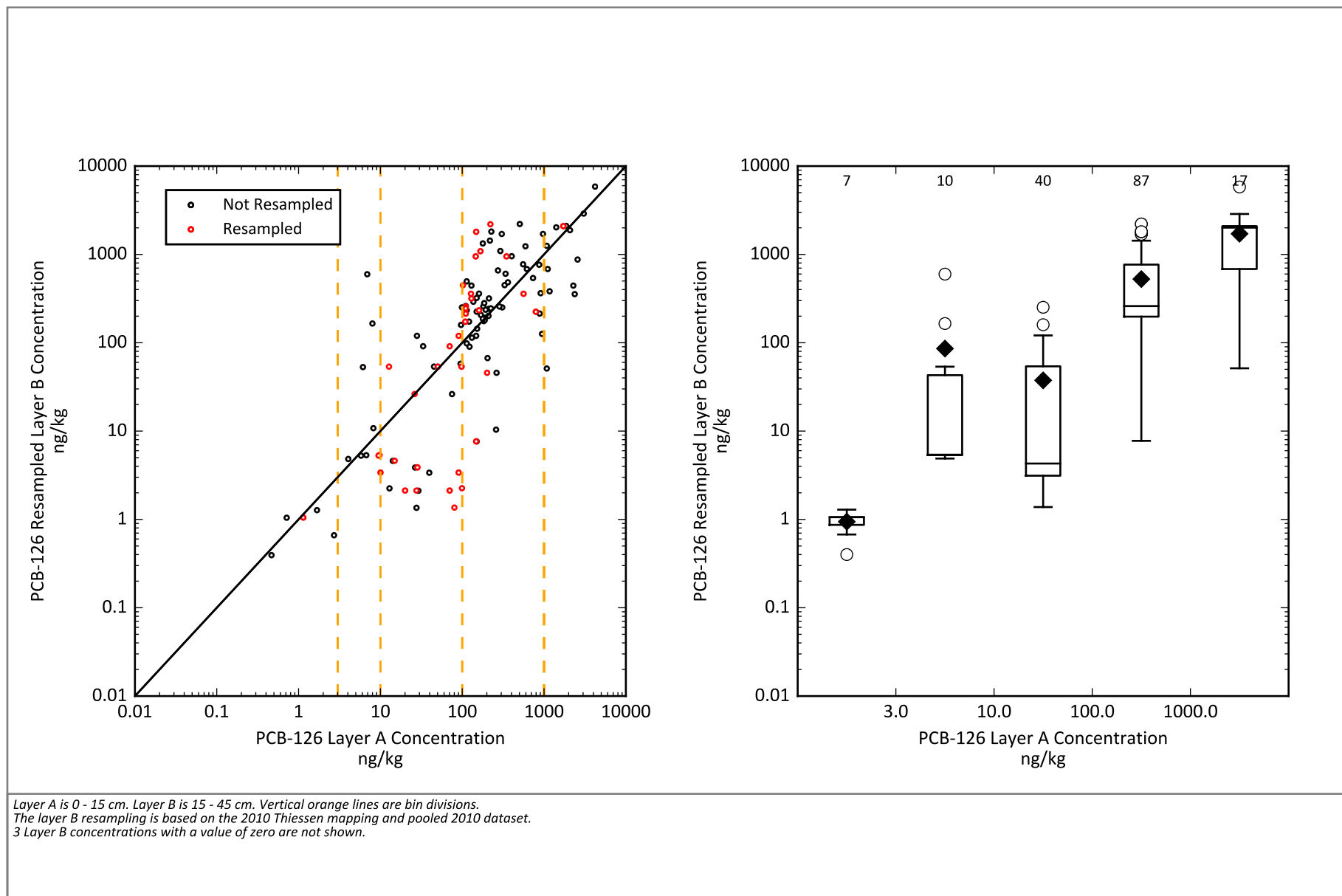
Figure 4b
2,3,4,7,8-PeCDF 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



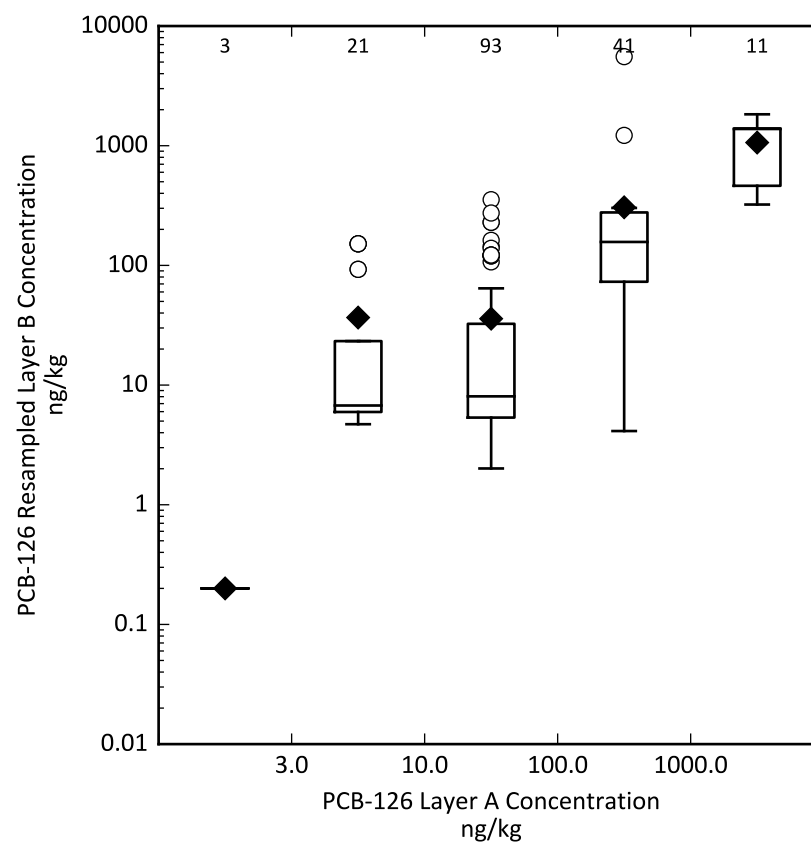
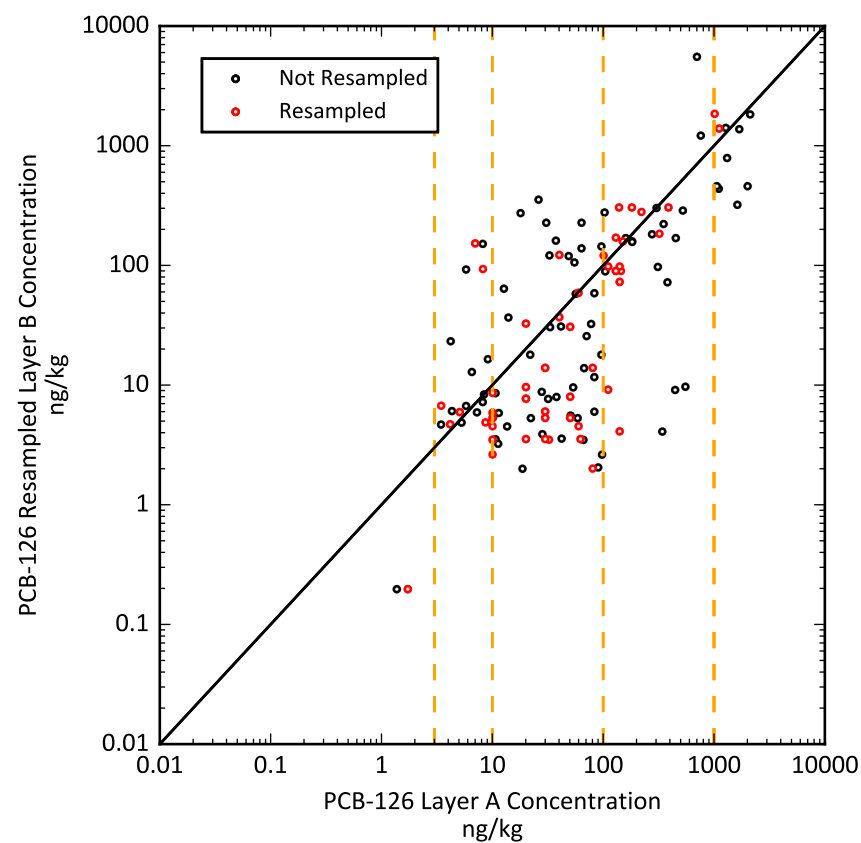
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 1995 and 2010 dataset.
There are no Layer B concentrations with a value of zero.

Figure 4c
2,3,4,7,8-PeCDF 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8



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Figure 5a
PCB-126 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7

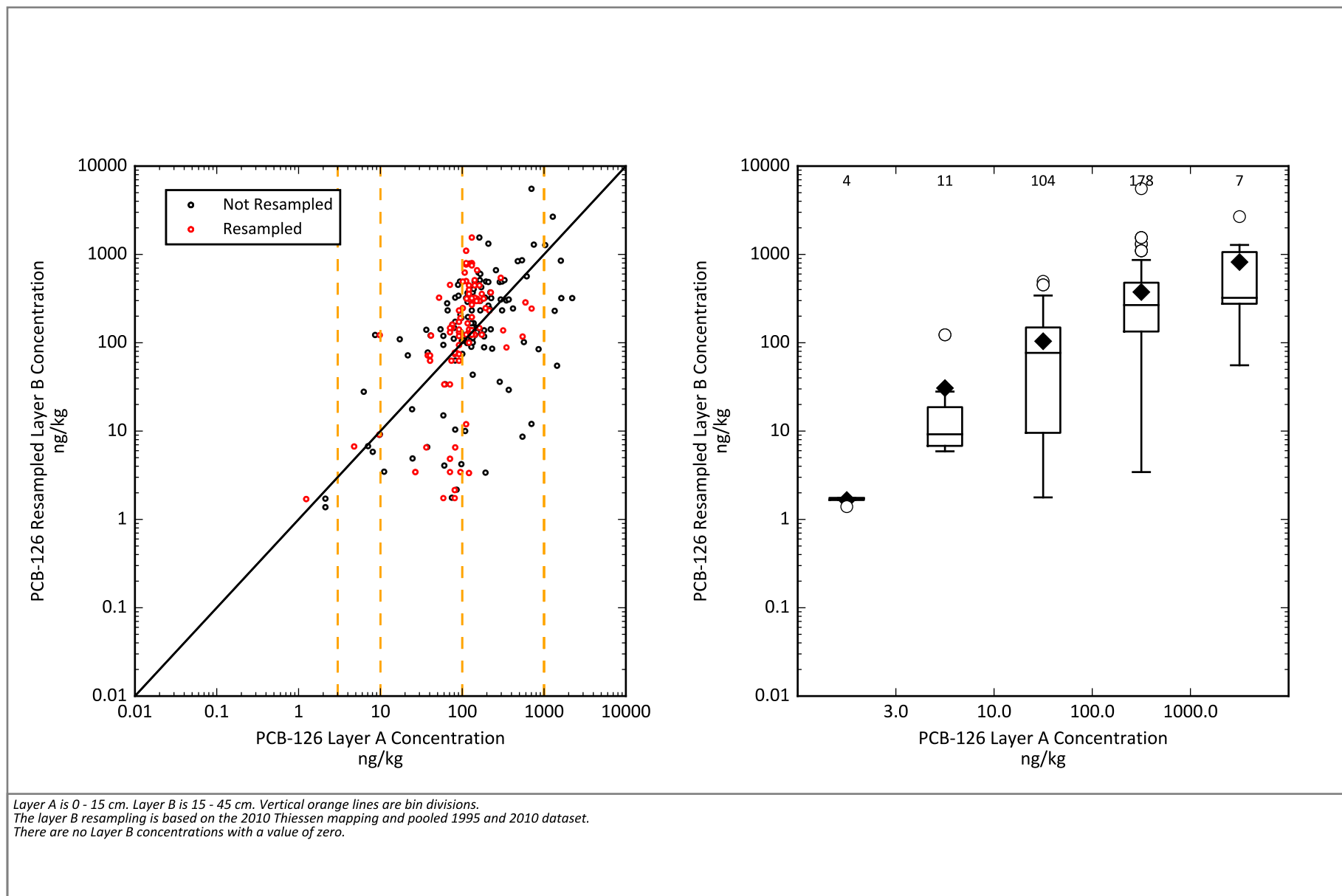


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 2010 dataset.
49 Layer B concentrations with a value of zero are not shown.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 5b
PCB-126 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7

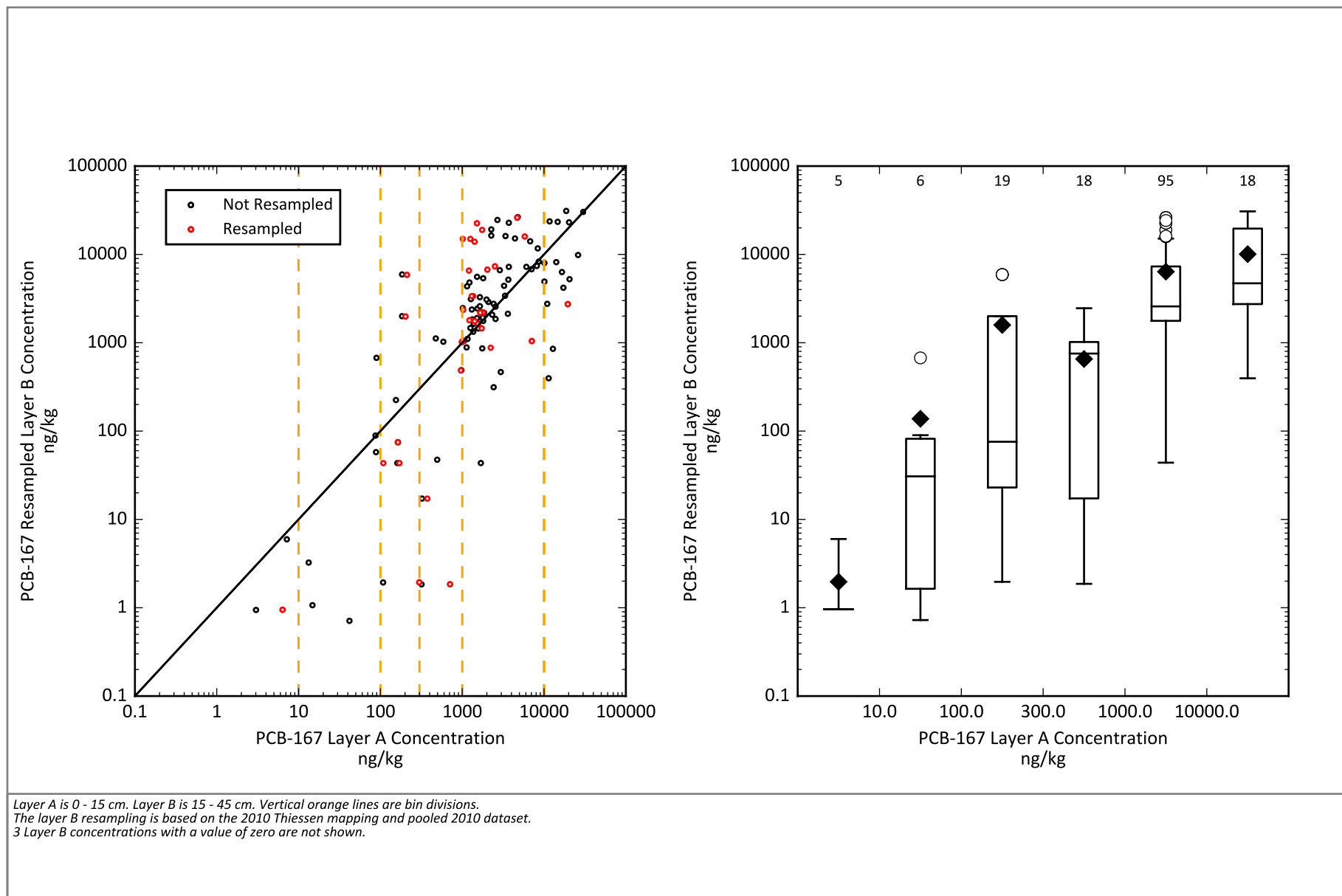
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Lower Passaic River Study Area Remedial Investigation\Feasibility Study



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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

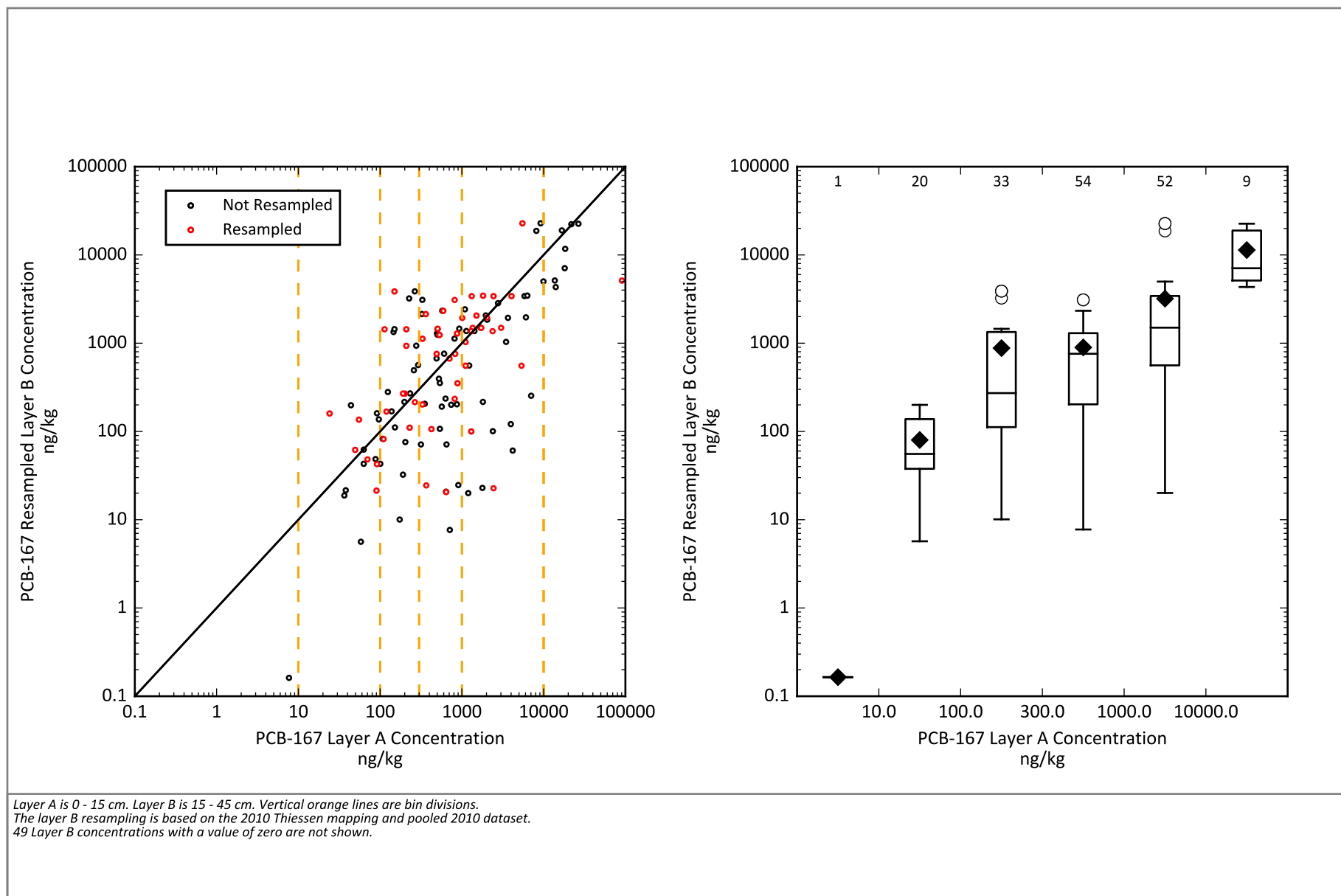
Figure 5c
PCB-126 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8

Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



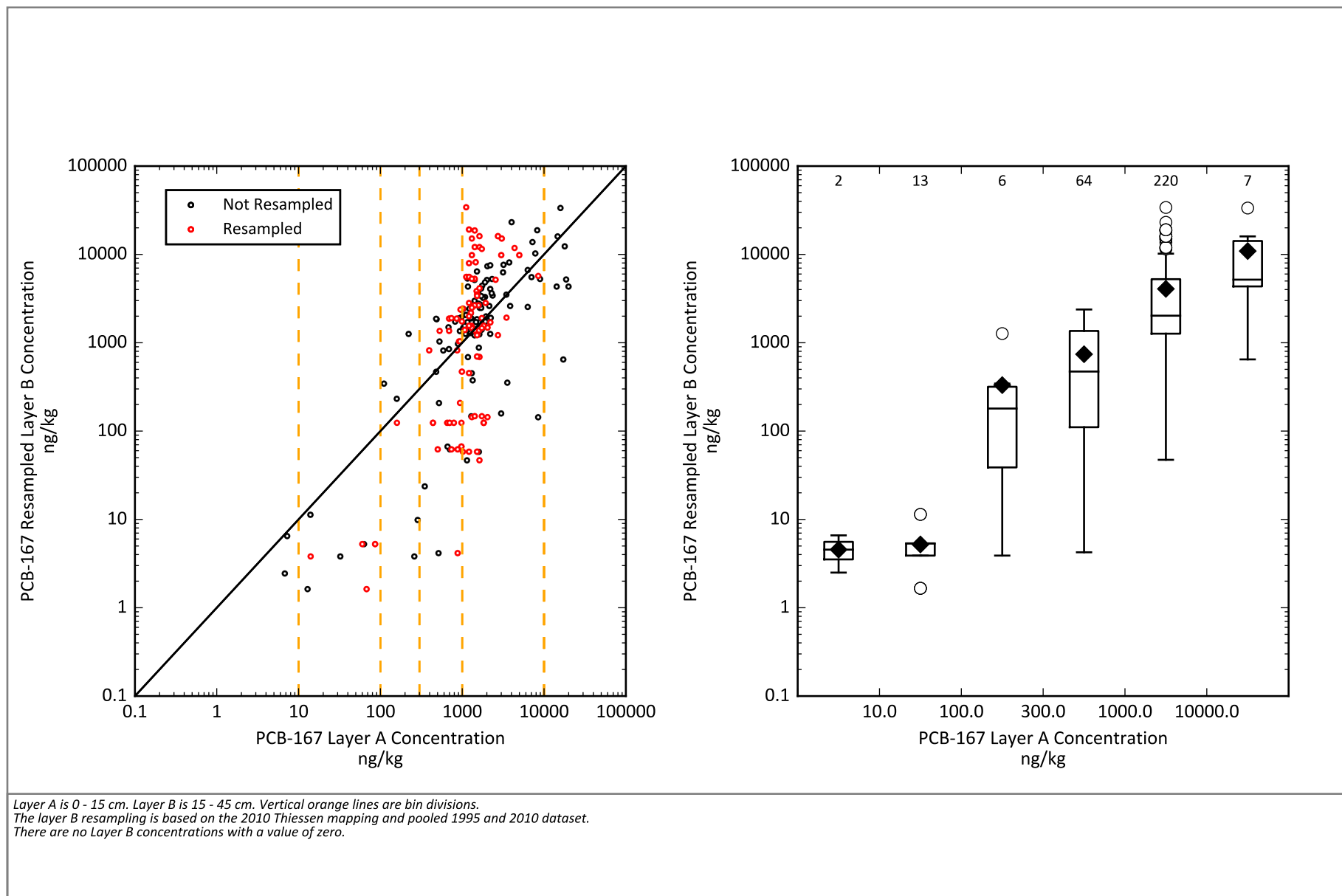
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Figure 6a
PCB-167 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7



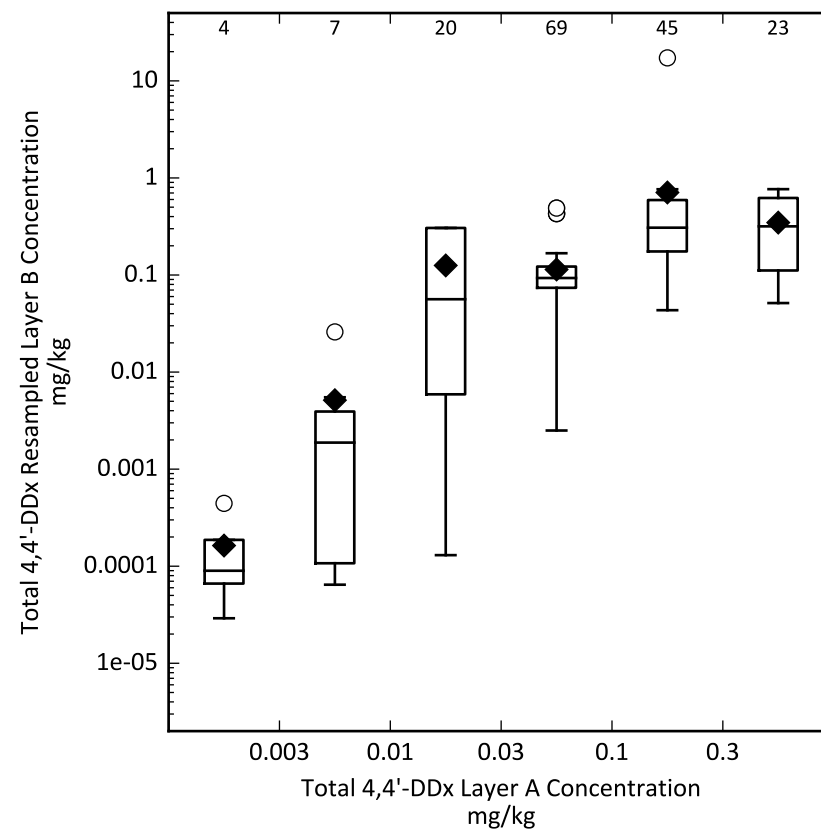
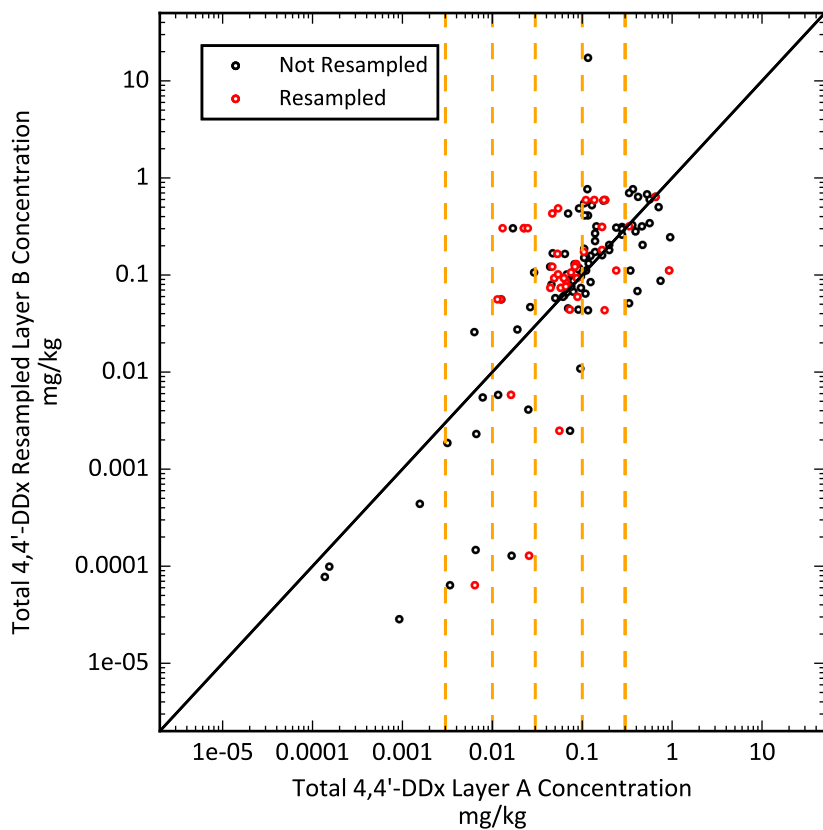
Publish Date: 06/19/2019 15:29 PM | User: DB
 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 6b
PCB-167 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7



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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 6c
PCB-167 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study

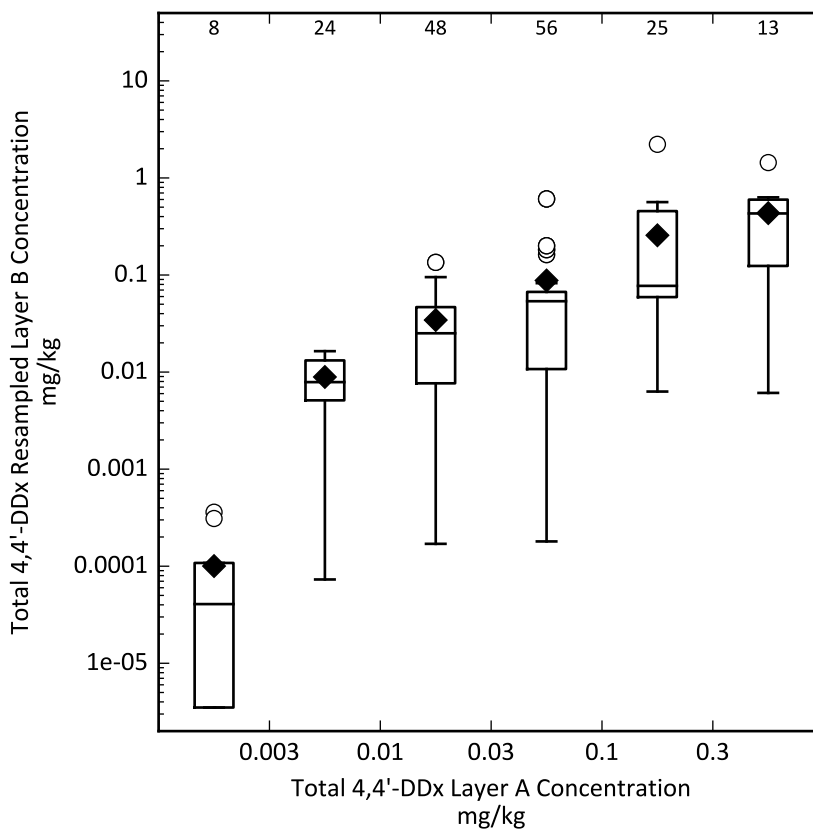
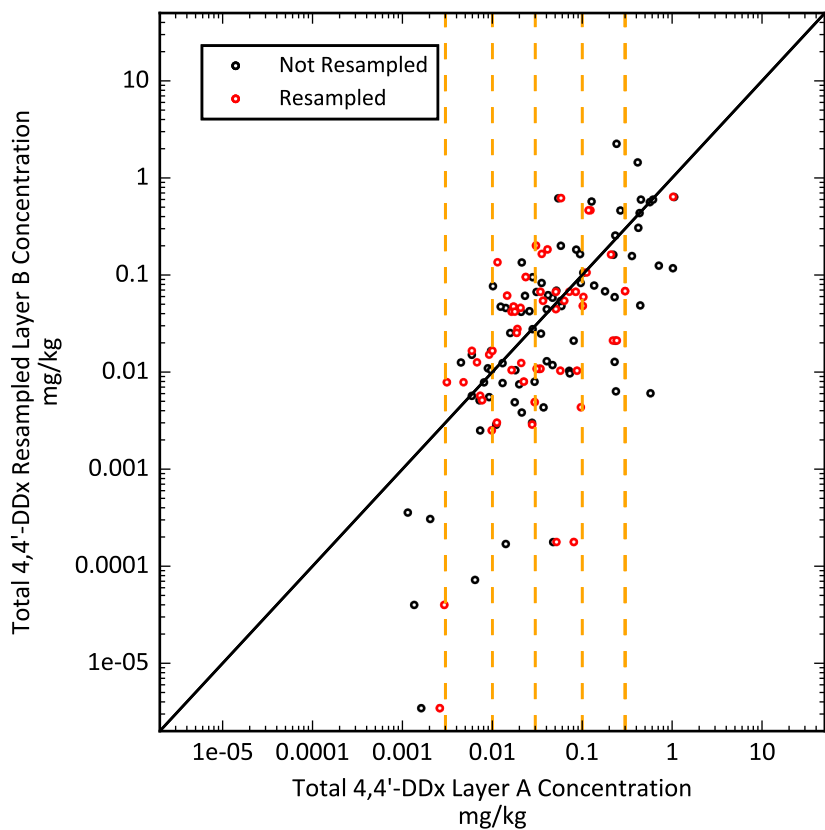


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 2010 dataset.
2 Layer B concentrations with a value of zero are not shown.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

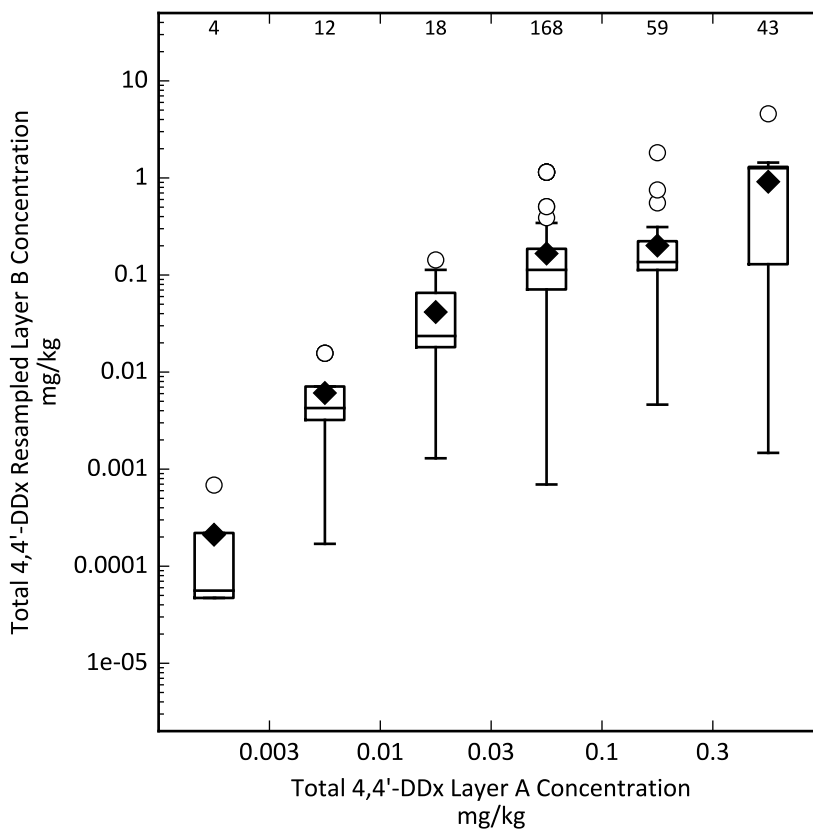
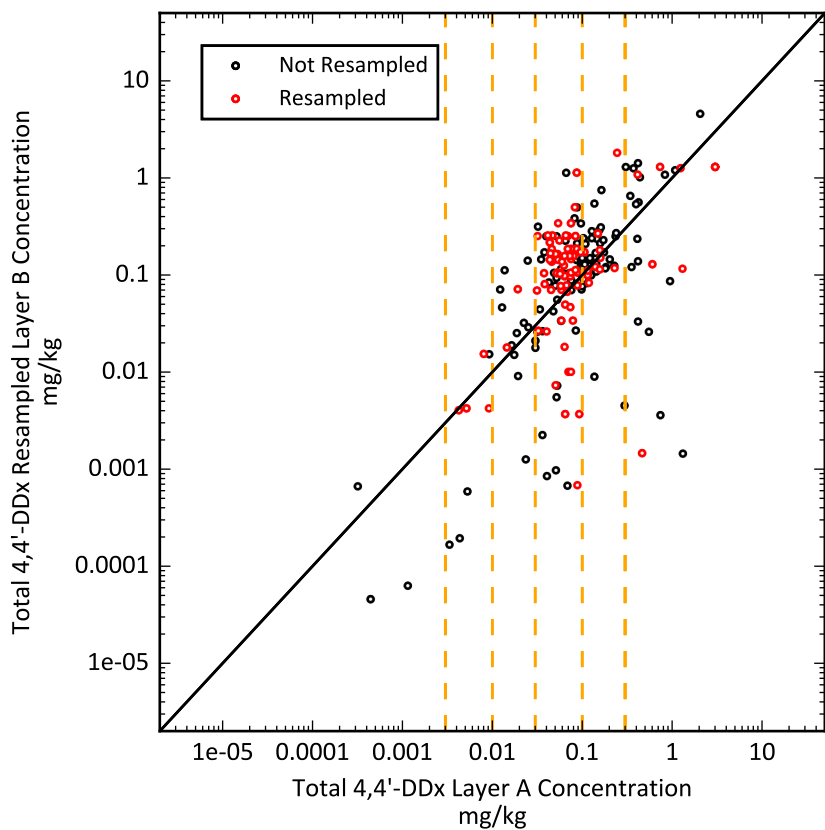
Figure 7a
Total 4,4'-DDx 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



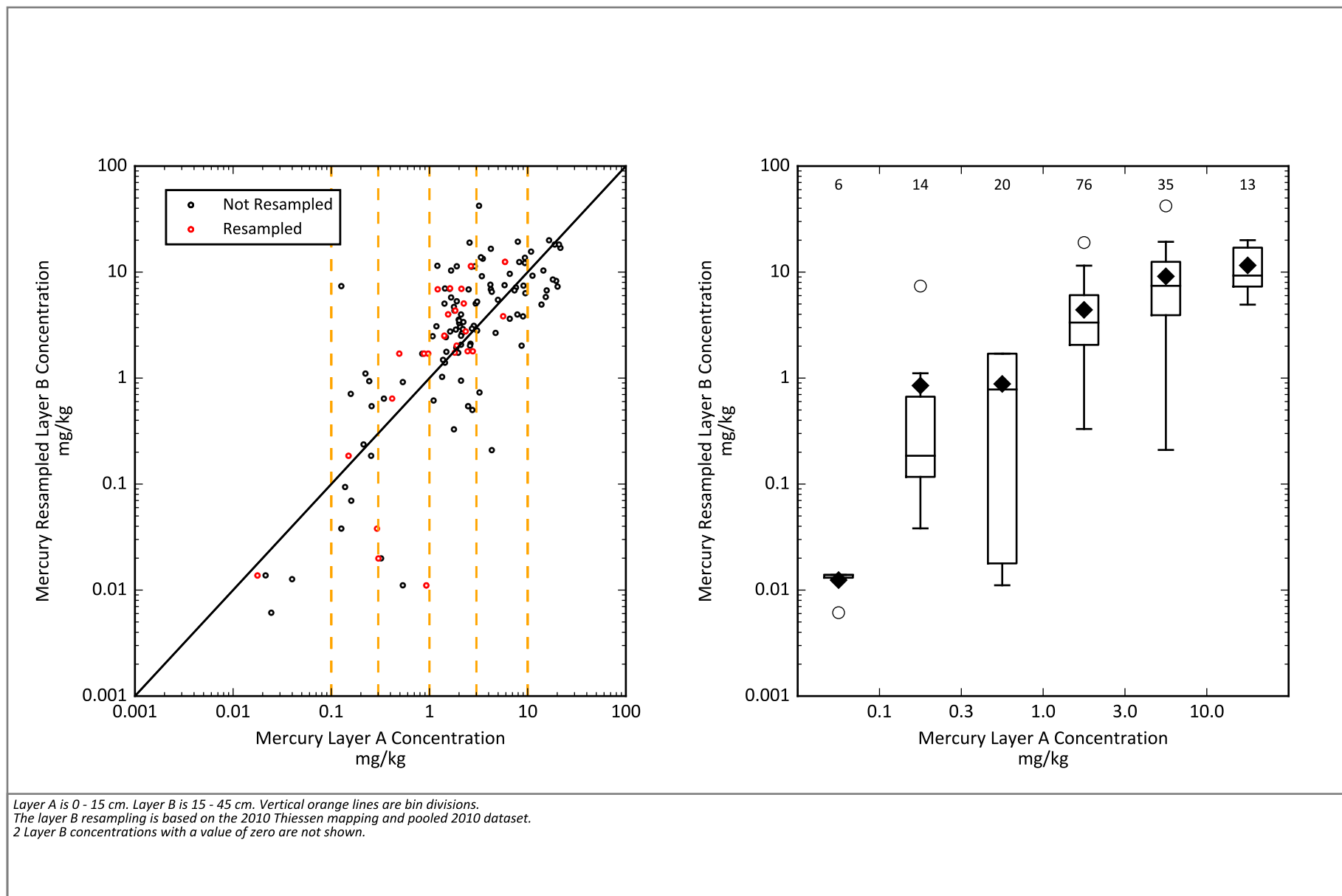
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
 The layer B resampling is based on the 2010 Thiessen mapping and pooled 2010 dataset.
 48 Layer B concentrations with a value of zero are not shown.

Figure 7b
Total 4,4'-DDx 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



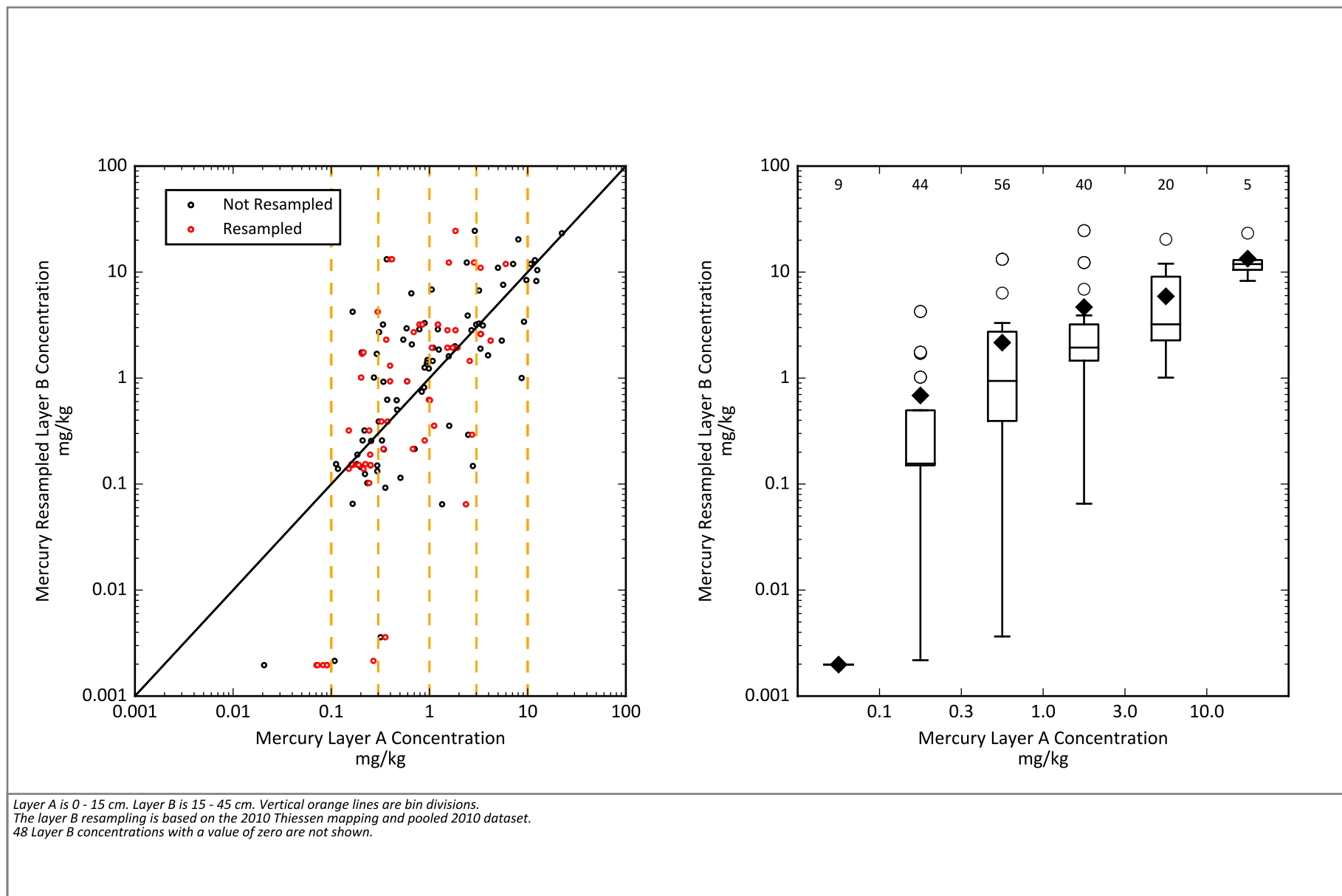
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 1995 and 2010 dataset.
There are no Layer B concentrations with a value of zero.

Figure 7c
Total 4,4'-DDx 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8



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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

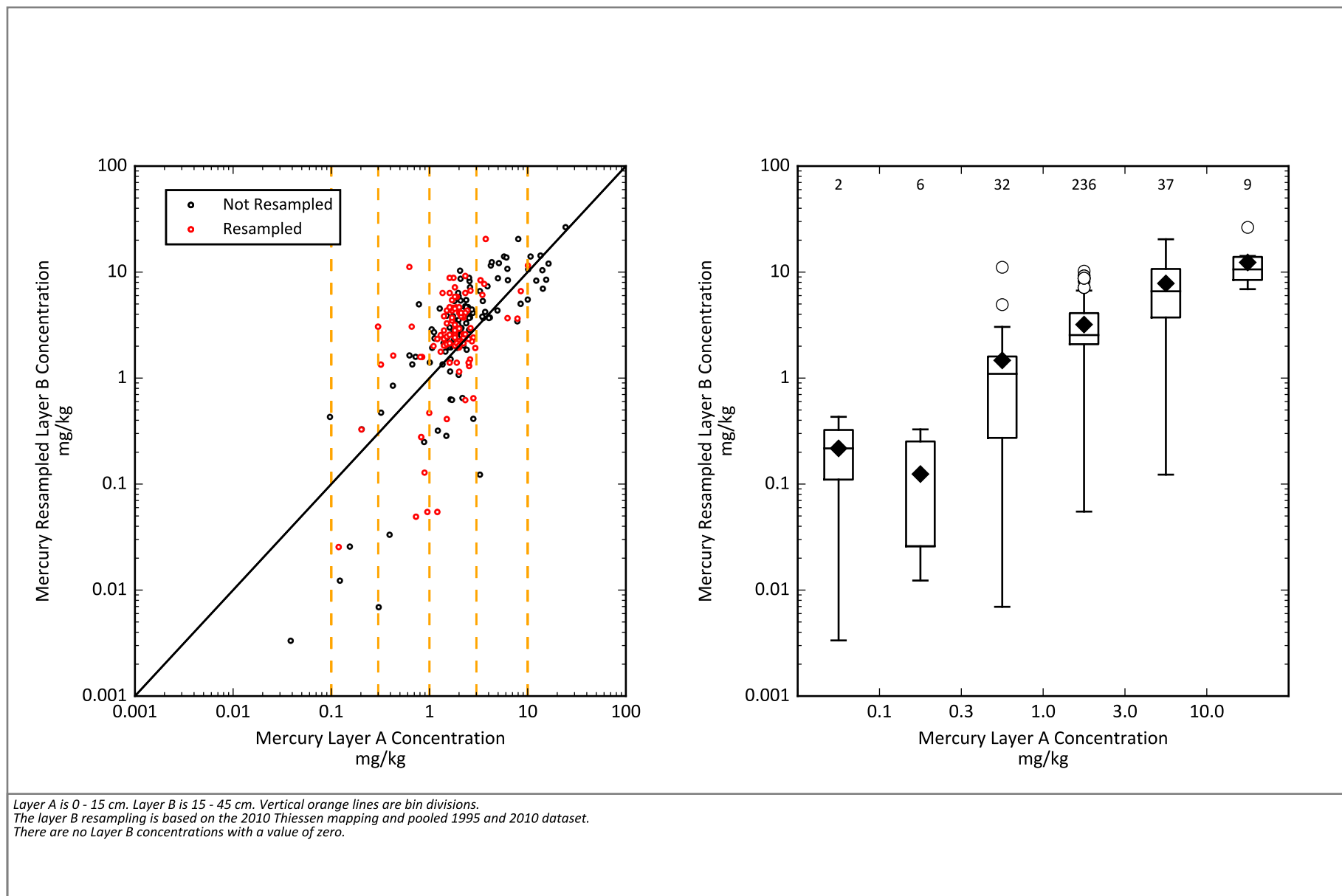
Figure 8a
Mercury 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7



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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

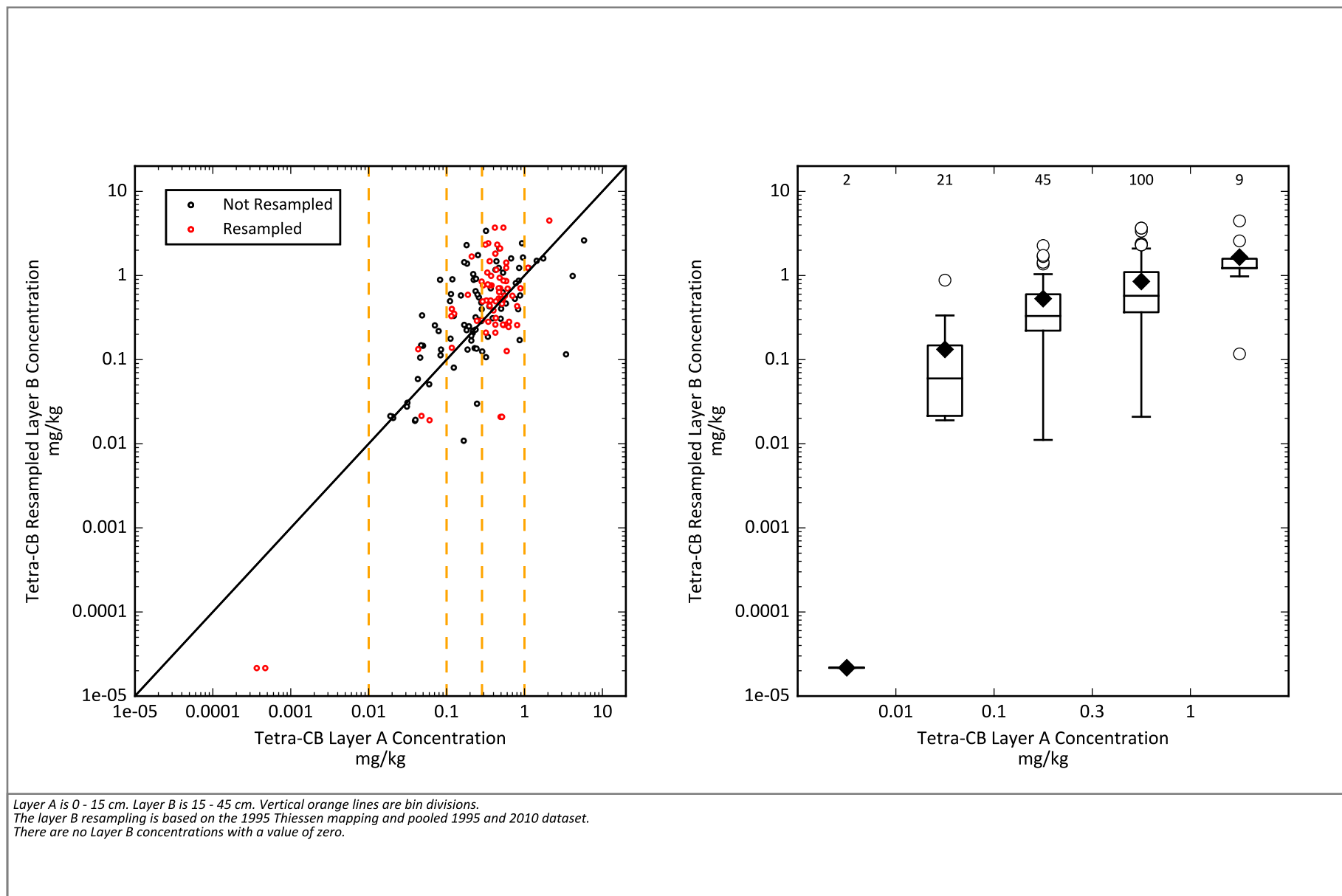
Figure 8b
Mercury 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7

Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



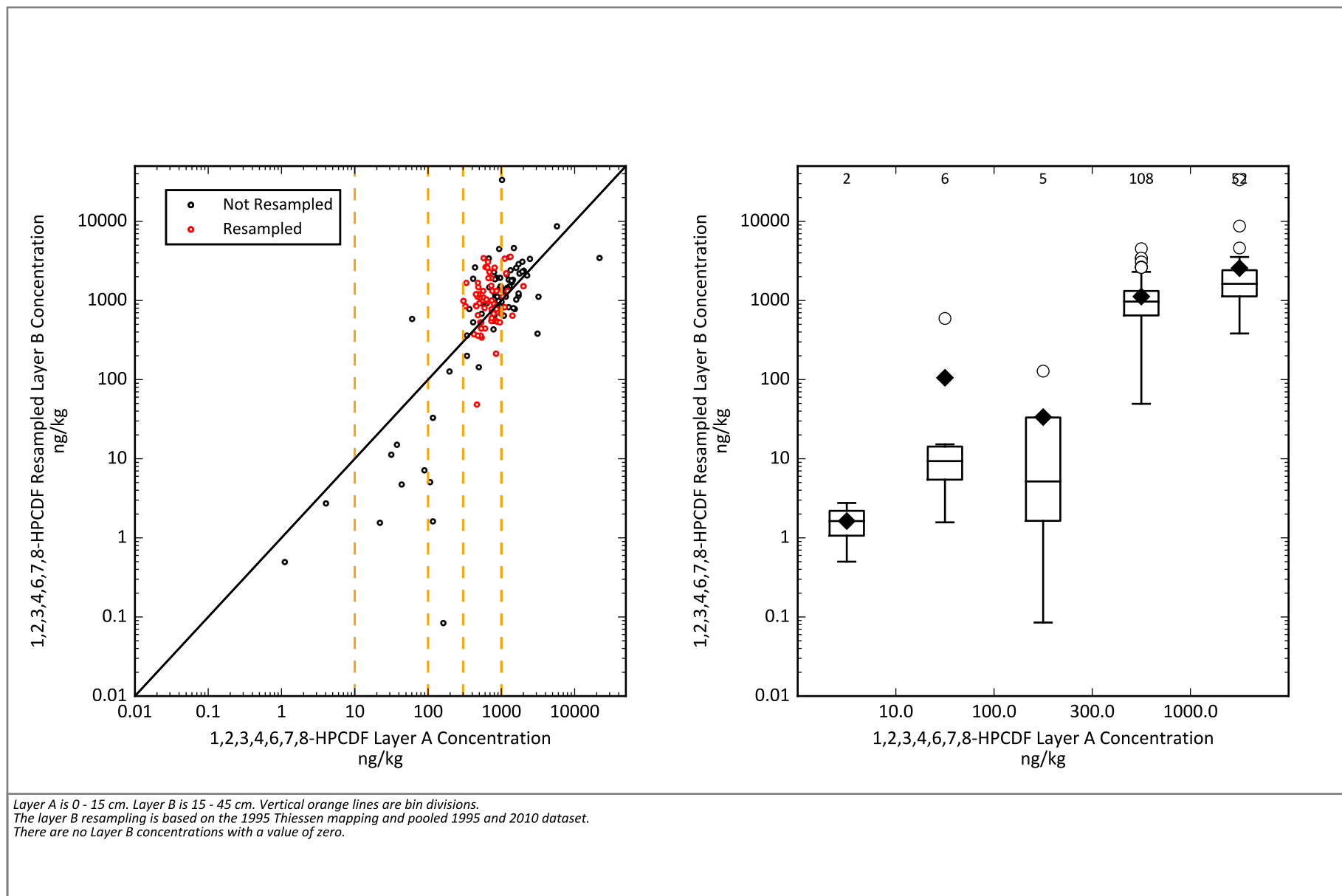
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Figure 8c
Mercury 2010 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



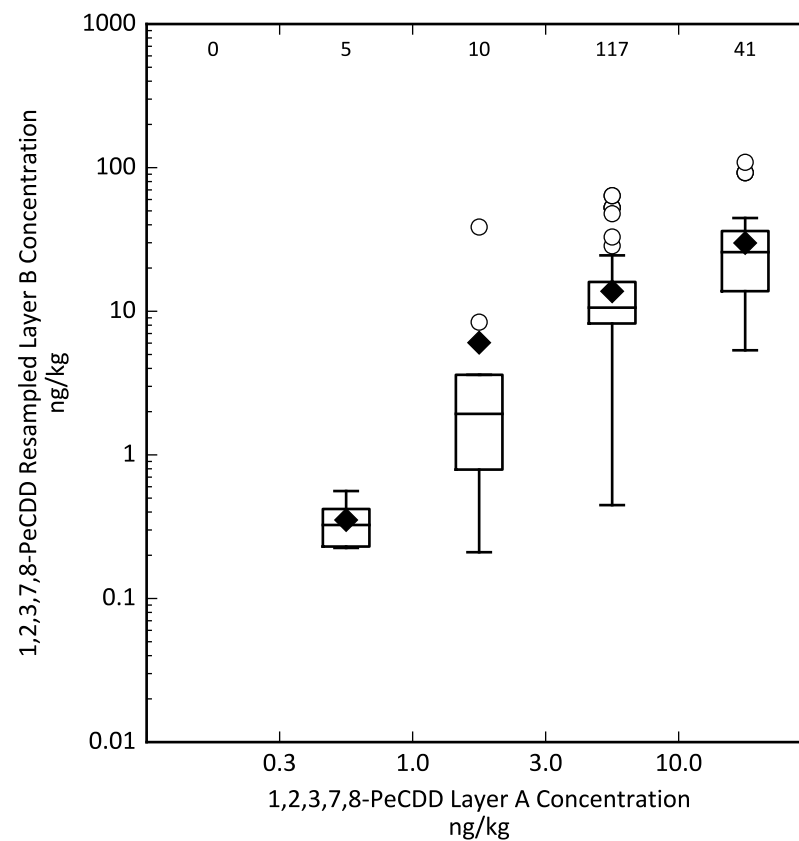
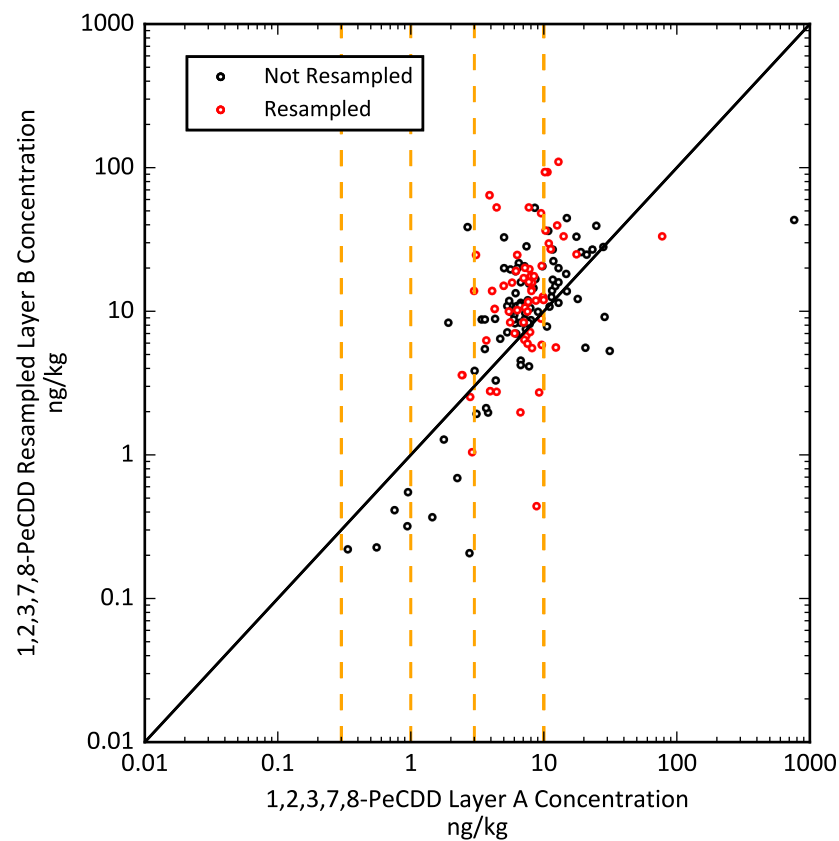
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 9
Tetra-CB 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

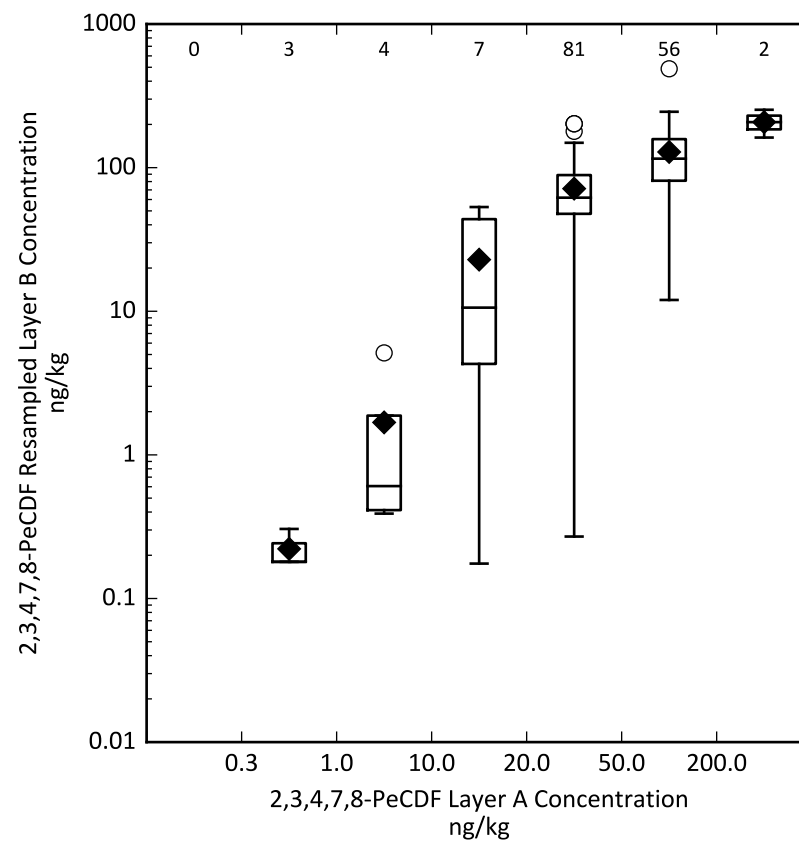
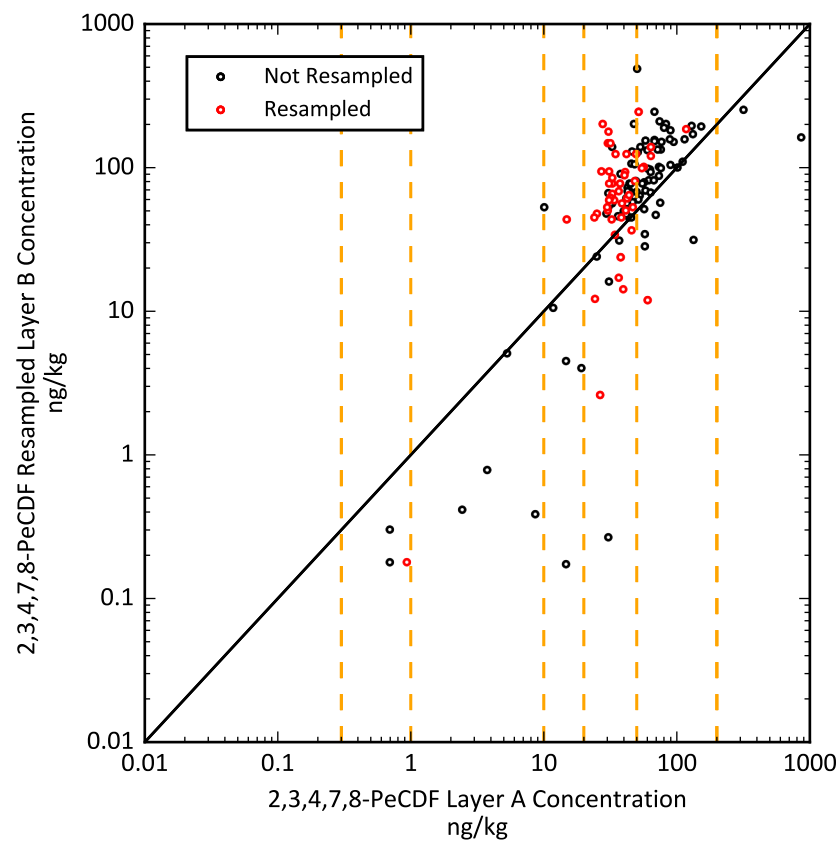
Figure 10
1,2,3,4,6,7,8-HPCDF 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 1995 Thiessen mapping and pooled 1995 and 2010 dataset.
There are no Layer B concentrations with a value of zero.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 11
1,2,3,7,8-PeCDD 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study

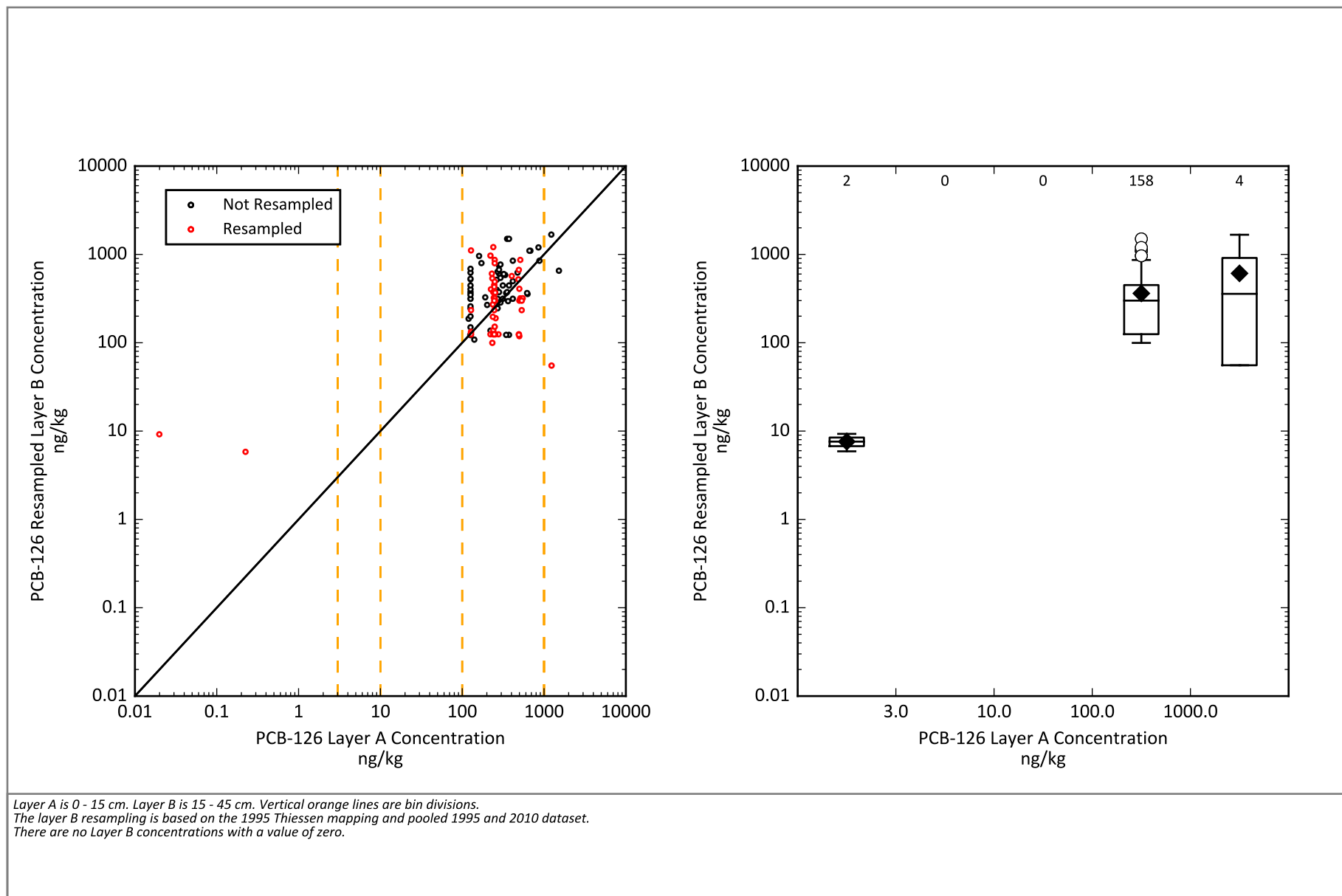


Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 1995 Thiessen mapping and pooled 1995 and 2010 dataset.
There are no Layer B concentrations with a value of zero.

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File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

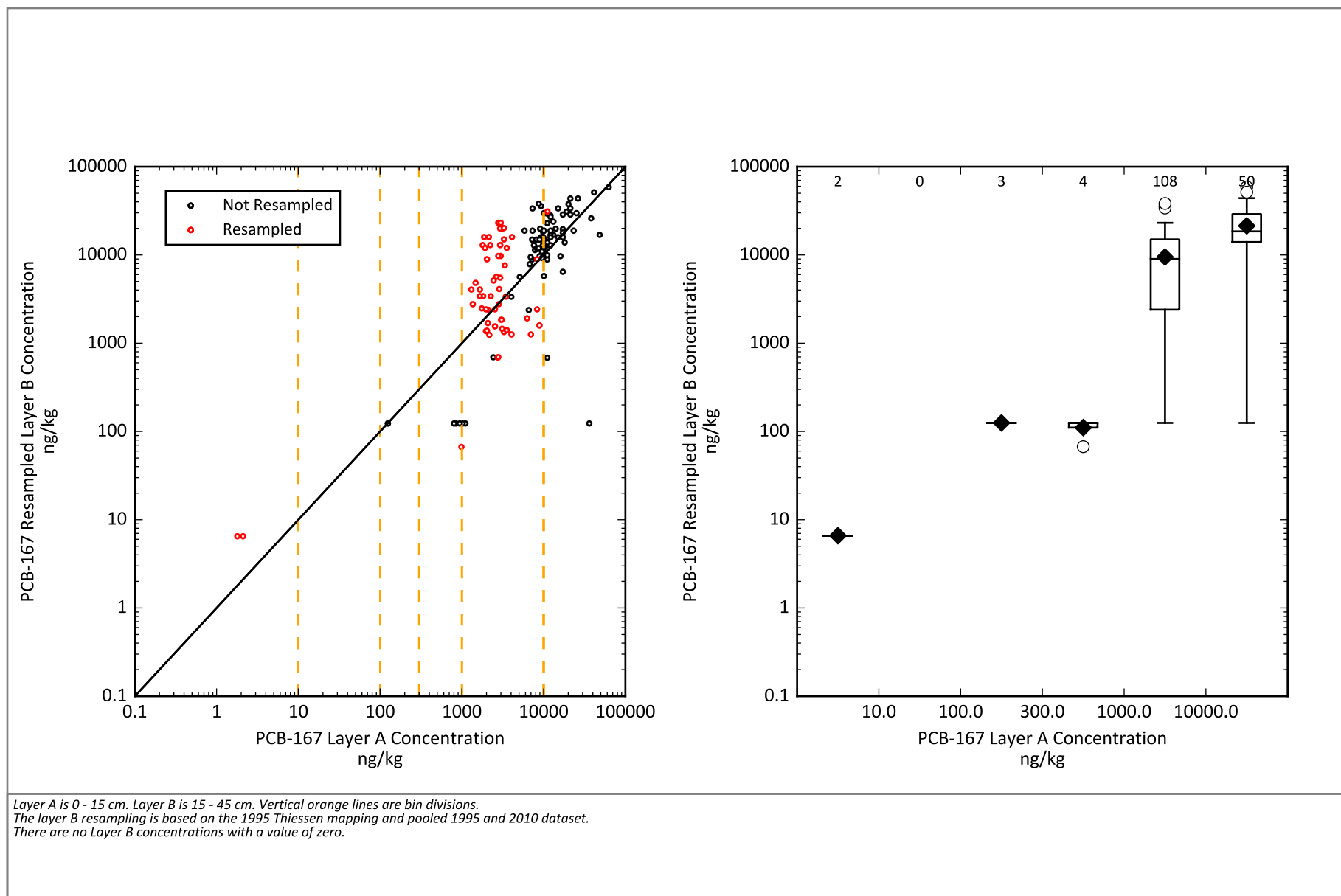
Figure 12
2,3,4,7,8-PeCDF 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7

Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



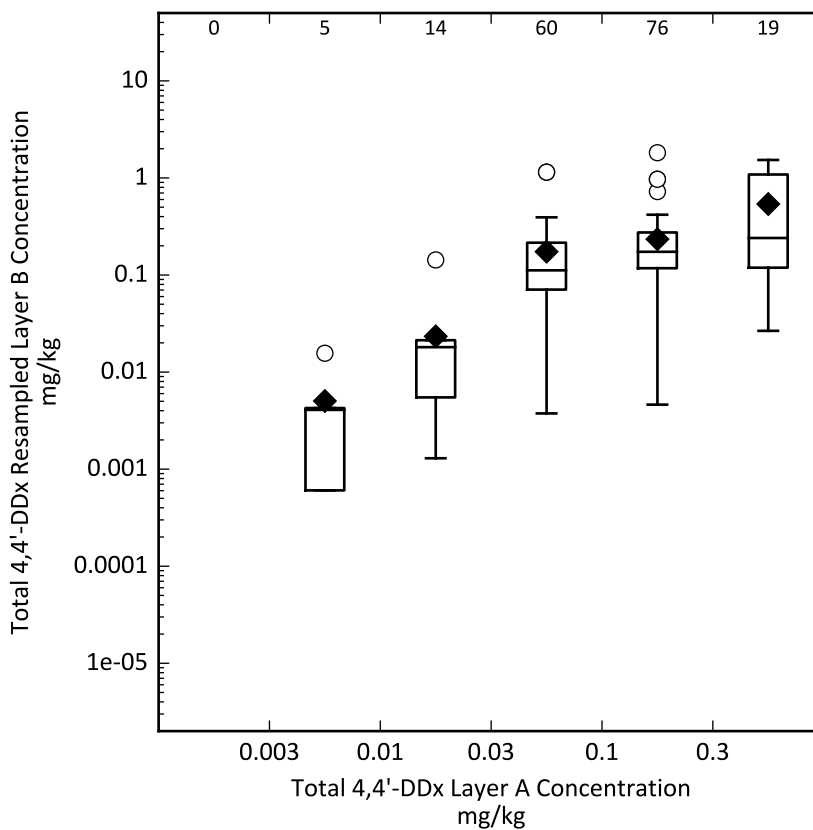
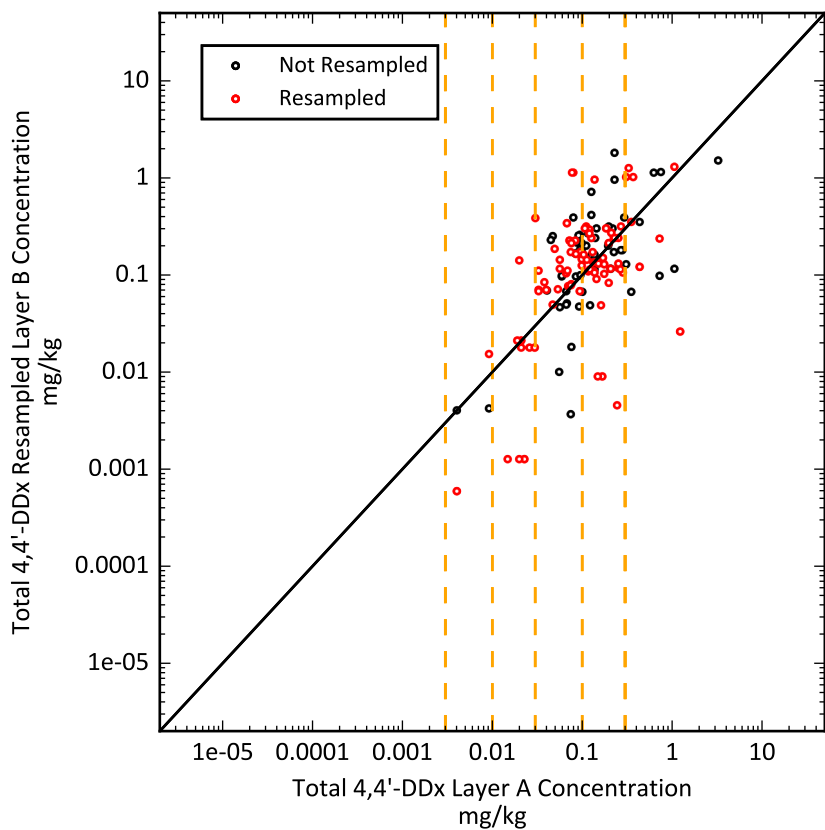
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 13
PCB-126 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



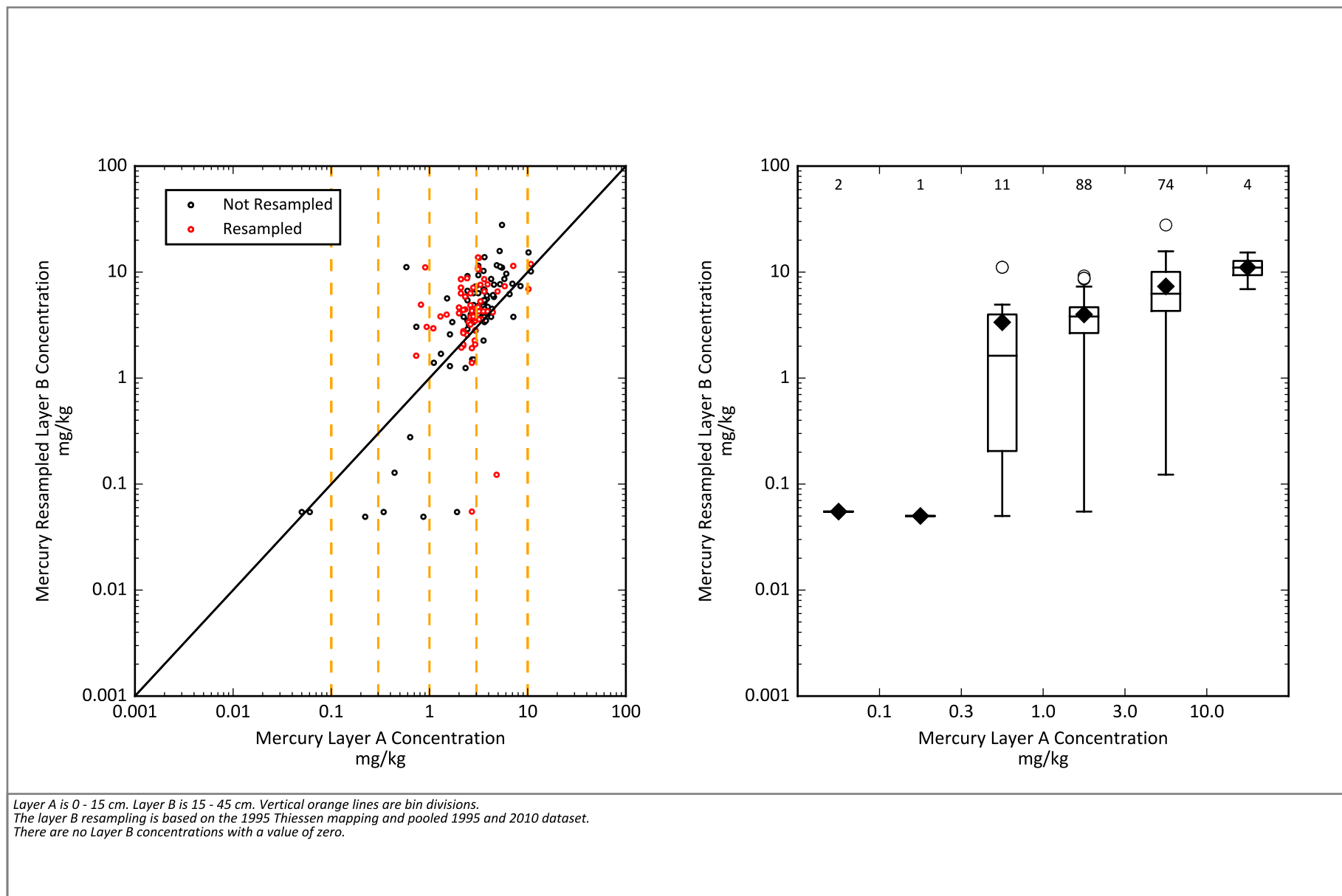
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 14
PCB-167 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7



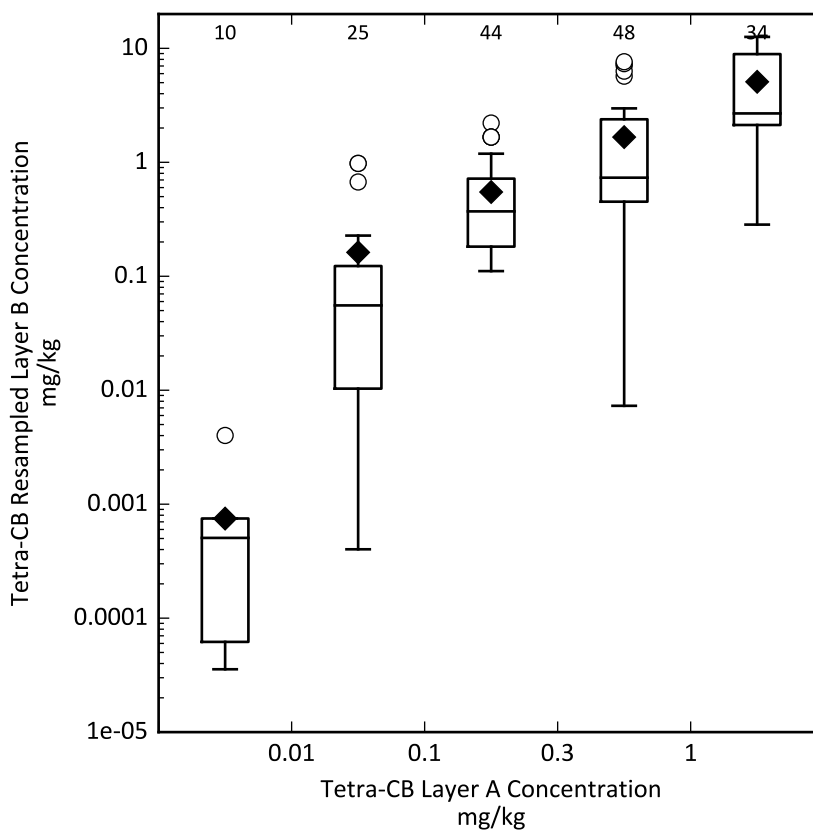
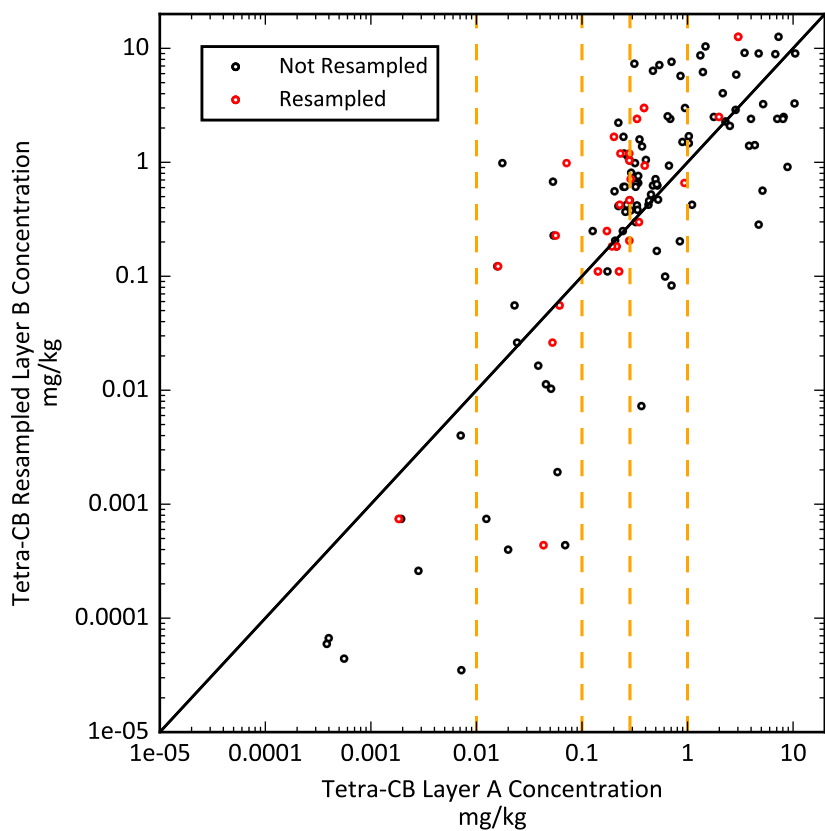
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 1995 Thiessen mapping and pooled 1995 and 2010 dataset.
There are no Layer B concentrations with a value of zero.

Figure 15
Total 4,4'-DDx 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study



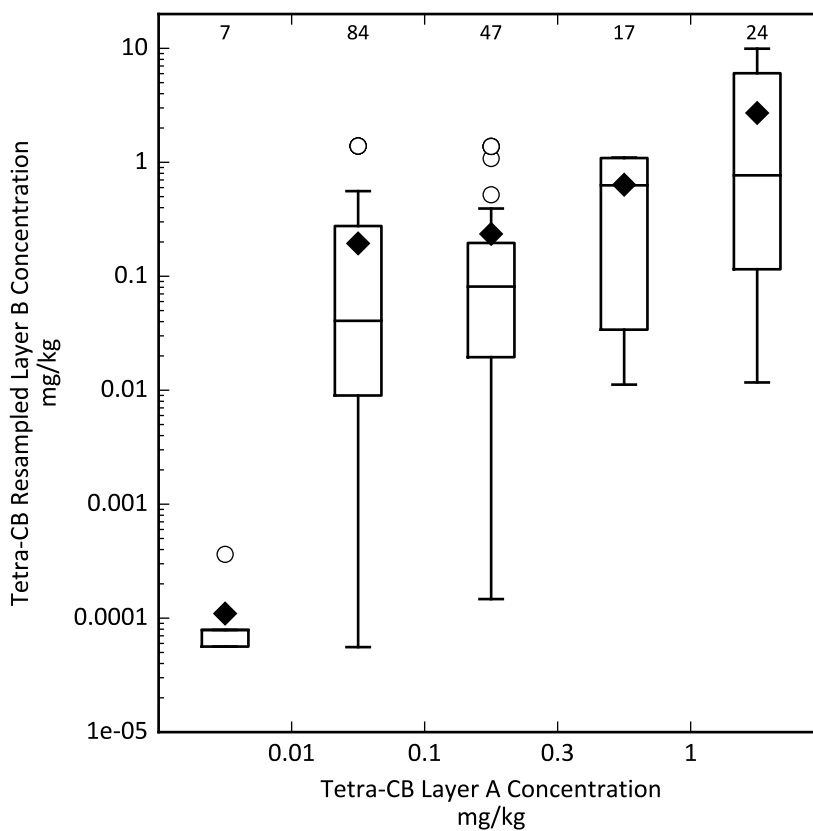
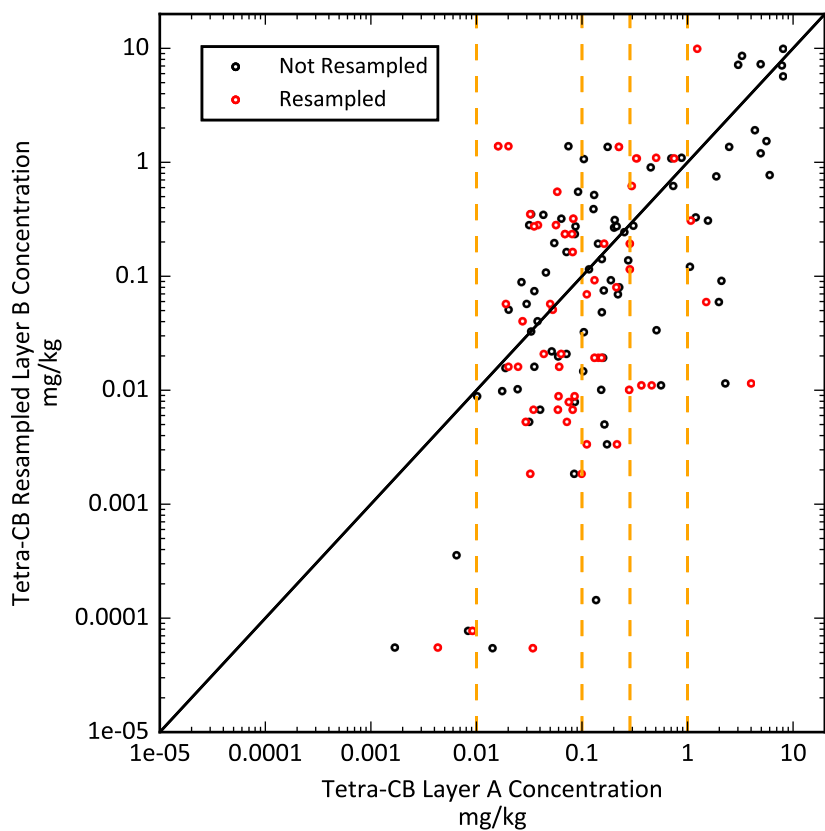
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 File Path: H:/Passaic_CPG/DOCUMENTS/2019/RI_Report/source/v5/Appendix_J/code/Fig_7_13_14_crossplot_ThiesvThies_newlayerB.py

Figure 16
Mercury 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 1-7
 Remedial Investigation Report
 Lower Passaic River Study Area Remedial Investigation\Feasibility Study



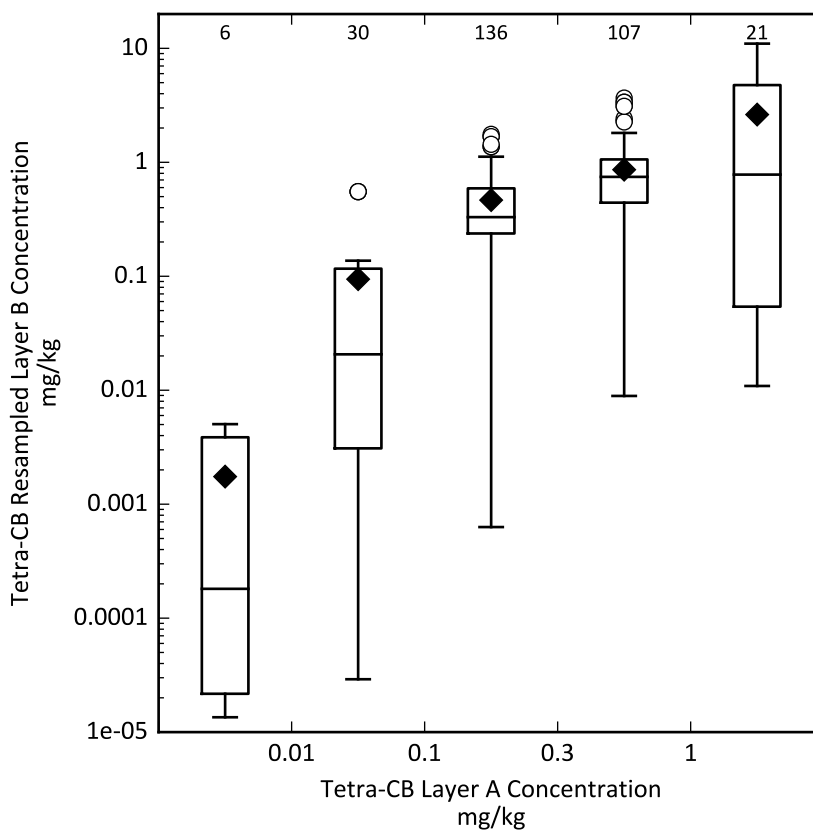
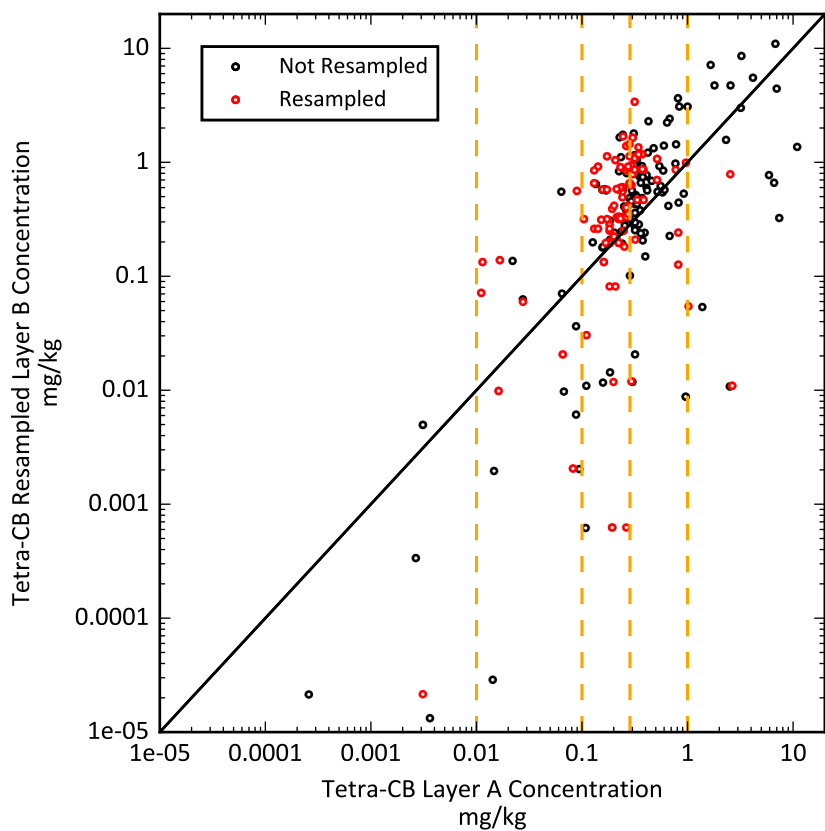
Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 1995 Thiessen mapping and pooled 2010 dataset.
3 Layer B concentrations with a value of zero are not shown.

Figure 17a
Tetra-CB 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: Silt RM 7.8-14.7



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 1995 Thiessen mapping and pooled 2010 dataset.
49 Layer B concentrations with a value of zero are not shown.

Figure 17b
Tetra-CB 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: Non-Silt RM 7.8-14.7



Layer A is 0 - 15 cm. Layer B is 15 - 45 cm. Vertical orange lines are bin divisions.
The layer B resampling is based on the 2010 Thiessen mapping and pooled 1995 and 2010 dataset.
There are no Layer B concentrations with a value of zero.

Figure 17c
Tetra-CB 1995 Mapped Thiessen Layer A and Resampled Layer B Comparison: RM 0-7.8
Remedial Investigation Report
Lower Passaic River Study Area Remedial Investigation\Feasibility Study