APPENDIX G

Supplemental Figures on Hydrodynamic Mooring Data
Pre-Dredging Monitoring Measurements at Mooring 1 for December 1-3, 2005

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Figure 2
Pre-Dredging Monitoring Measurements at Mooring 1 for December 3-5, 2005
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During Dredging Monitoring Measurements at Mooring 1 for December 5-7, 2005

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Figure 3

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During Dredging Monitoring Measurements at Mooring 1 at December 9-11, 2005

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Figure 5

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Post-Dredging Monitoring Measurements at Mooring 1 for December 11-12, 2005

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Figure 6

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Pre-Dredging Monitoring Measurements at Mooring 2 for December 1-3, 2005

Figure 7

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Pre-Dredging Monitoring Measurements at Mooring 2 for December 3-5, 2005

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Figure 8

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During Dredging Monitoring Measurements at Mooring 2 for December 5-7, 2005

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Figure 9

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During Dredging Monitoring Measurements at Mooring 2 for December 7-9, 2005

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Figure 11

During Dredging Monitoring Measurements at Mooring 2 for December 9-11, 2005

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Figure 12

Post-Dredging Monitoring Measurements at Mooring 2 for December 11-12, 2005

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Figure 13
Pre-Dredging Monitoring Measurements at Mooring 4 for December 1-3, 2005
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During Dredging Monitoring Measurements at Mooring 4 for December 5-7, 2005

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Figure 16

During Dredging Monitoring Measurements at Mooring 4 for December 7-9, 2005

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During Dredging Monitoring Measurements at Mooring 4 at December 9-11 2005

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Figure 17
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Figure 18
Post-Dredging Monitoring Measurements at Mooring 4 for December 11-12, 2005
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Post-Dredging Monitoring Measurements at Mooring 4 for December 11-12, 2005

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Figure 19

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Pre-Dredging Monitoring Measurements at Mooring 5 for December 3-5, 2005

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Figure 20

September 2007
During Dredging Monitoring Measurements at Mooring 5 for December 5-7, 2005

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Figure 21

September 2007
During Dredging Monitoring Measurements at Mooring 5 for December 7-9, 2005

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Figure 22

September 2007
During Dredging Monitoring Measurements at Mooring 5 for December 7-9, 2005

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Figure 23

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Post-Dredging Monitoring Measurements at Mooring 5 for December 11-12, 2005

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Figure 24

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Pre-Dredging Monitoring Measurements at Mooring 6 for December 1-3, 2005

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Figure 25

September 2007
Pre-Dredging Monitoring Measurements at Mooring 6 for December 1-3, 2005

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Figure 26

September 2007
Pre-Dredging Monitoring Measurements at Mooring 6 for December 1-3, 2005

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Figure 27

September 2007
During Dredging Monitoring Measurements at Mooring 6 at December 7-9, 2005
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Figure 28
September 2007
During Dredging Monitoring Measurements at Mooring 6 for December 9-11, 2005

Figure 29

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Figure 30
Post-Dredging Monitoring Measurements at Mooring 6 for December 11-12, 2005
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Figure 31

RV Caleta Shiptrack and Velocity Cross Sections for December 5, 2005
1145-1215 EST

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Figure 34

RV Caleta Shiptrack and TSS Cross Sections for December 5, 2005
1345-1445 EST
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RV Caleta Shiptrack and Velocity Cross Sections for December 6, 2005
1515-1545 EST

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Figure 35

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Figure 36

RV Caleta Shiptrack and TSS Cross Sections for December 6, 2005
1515-1545 EST

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Figure 37

RV Caleta Shiptrack and Velocity Cross Sections for December 6, 2005
1615-1645 EST

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Figure 39

RV Caleta Shiptrack and Velocity Cross Sections for December 7, 2005
0800-0830 EST
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Figure 40
RV Caleta Shiptrack and TSS Cross Sections for December 7, 2005
0800-0830 EST
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Figure 42

RV Caleta Shiptrack and TSS Cross Sections for December 7, 2005
0930-1000 EST
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Figure 43
RV Caleta Shiptrack and Velocity Cross Sections for December 8, 2005
1000-1030 EST
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RV Caleta Shiptrack and TSS Cross Sections for December 8, 2005
1000-1030 EST
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Figure 44
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RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections for December 5, 2005 1300 EST (Ebb Tide)
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Figure 45
September 2007
RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on
December 5, 2005 1430 EST (Ebb Tide)
Lower Passaic River Restoration Project

Figure 46
September 2007
RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 5, 2005 1530 EST (Ebb Tide)
Lower Passaic River Restoration Project

Figure 47

September 2007
RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 6, 2005 0930 EST (Flood Tide)

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Figure 48

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Figure 49

RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 6, 2005 1000 EST (Flood Tide)

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RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 6, 2005 1330 EST (Ebb Tide) Lower Passaic River Restoration Project

Figure 50

September 2007
RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 6, 2005 1530 EST (Ebb Tide)
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Figure 51
September 2007
RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 7, 2005 0900 EST (Flood Tide)
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RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 7, 2005 1030 EST (Flood Tide)

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RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 7, 2005 1530 EST (Ebb Tide)
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Figure 54
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RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 8, 2005 0930 EST (Flood Tide)

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Figure 55

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Figure 57
RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 10, 2005 0730 EST (Ebb Tide)
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RV Caleta Shiptrack and Velocity-TSS-Flux Cross Sections on December 10, 2005 1000 EST (Ebb Tide)
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Figure 59

RV Julia Miller Ship Location and LISST Data Concentrations by Bin Size for December 5, 2005
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RV Julia Miller Ship Location and LISST Data Concentrations by Bin Size for December 6, 2005

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Figure 62
RV Julia Miller Ship Location and LISST Data Upriver Particle Size Concentrations for December 6, 2005
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RV Julia Miller Ship Location and LISST Data Downriver Particle Size Concentration for December 6, 2005

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Figure 63

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Figure 64

RV Julia Miller Ship Location and LISST Data Concentrations by Bin Size for December 7, 2005

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RV Julia Miller Ship Location and LISST Data Particle Size Concentrations for December 7, 2005

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Figure 65

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RV Julia Miller Ship Location and LISST Data Concentrations by Bin Size for December 8, 2005

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Figure 67

RV Julia Miller Ship Location and LISST Data Particle Size Concentrations for December 8, 2005

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