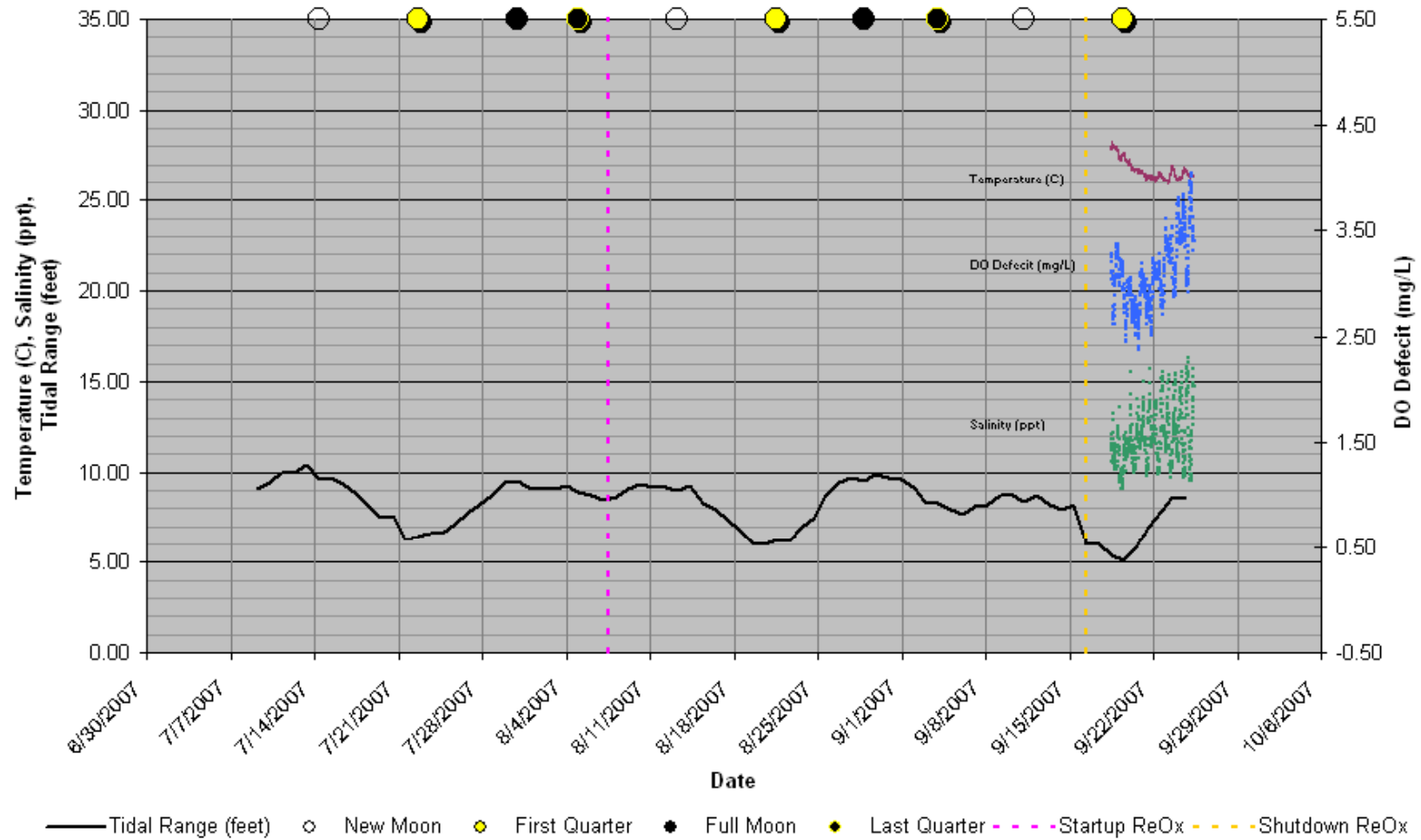


SMM (7' Avg. Depth)



Prepared by: LRP 1/14/09

Checked by: TRK 1/14/09

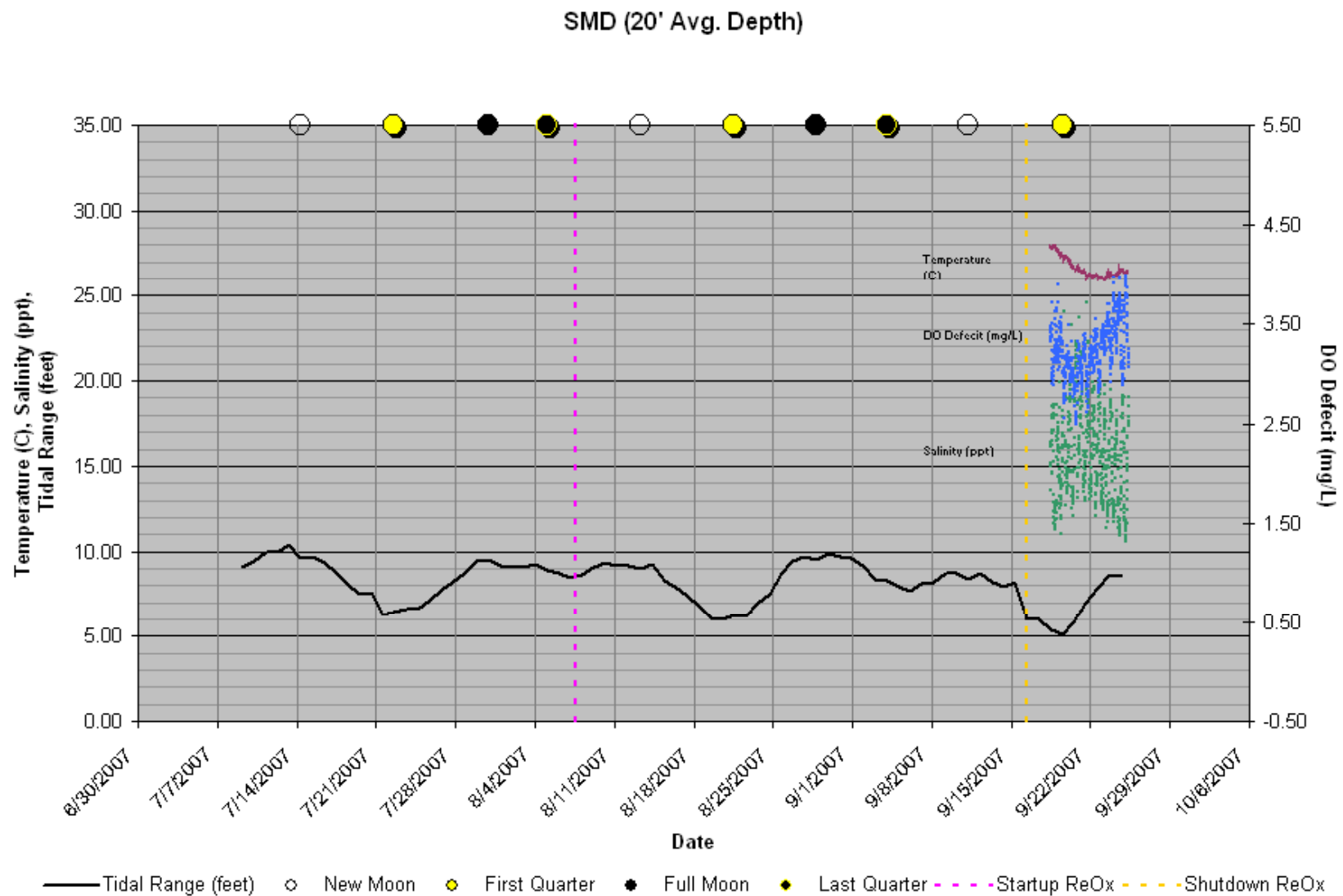
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SMM: Tide, Salinity, Deficit Patterns

Project Number: 6110-08-0064

Figure: 3.17



Prepared by: LRP 1/14/09

Checked by: TRK 1/14/09

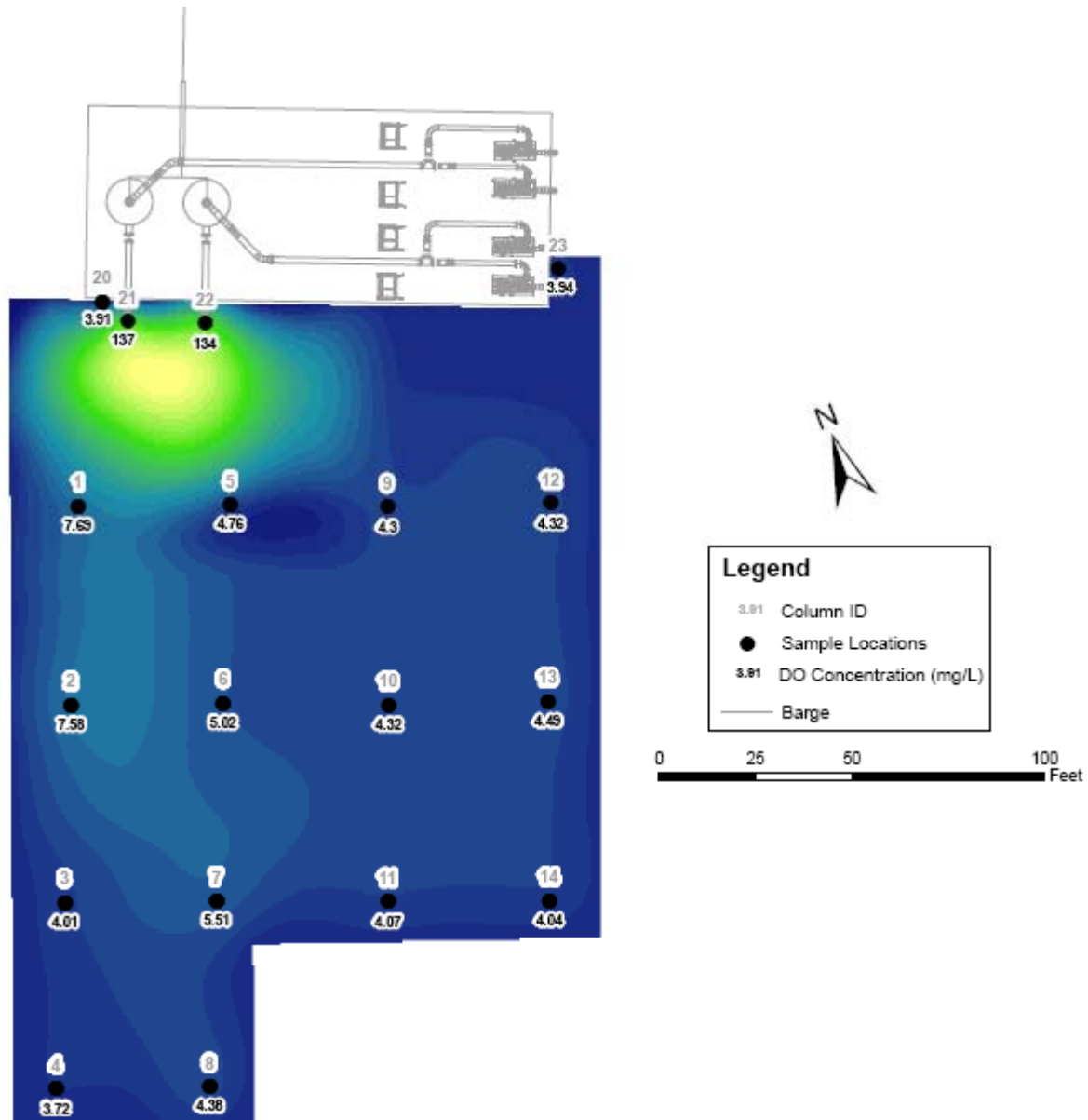
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SAVANNAH, GEORGIA



SMD: Tide, Salinity, Deficit Patterns

Project Number: 6110-08-0064

Figure: 3.18



Prepared by: LRP 8/14/09
 Checked by: TRK 8/14/09

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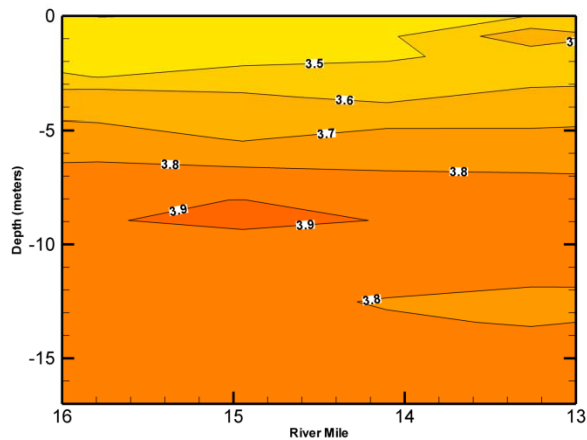


Nearfield Mixing Zone

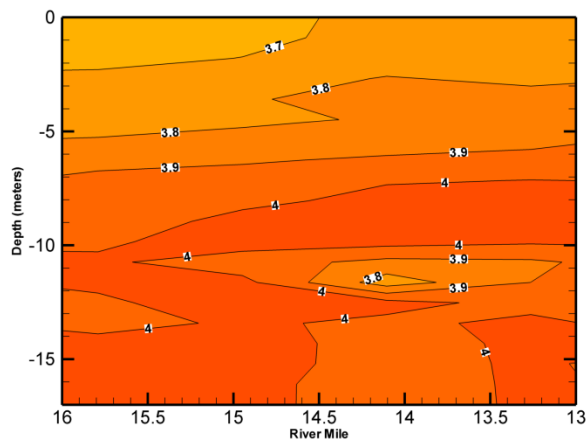
Project Number: 6110-08-0064

Figure: 3.19

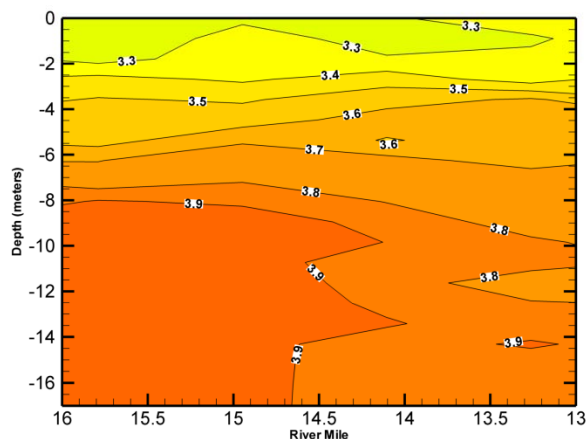
Oxygen Concentration Deficit
7/9/2007 low tide (Background)



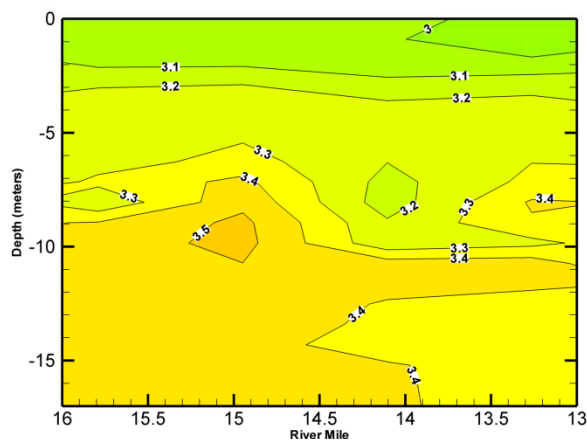
Oxygen Concentration Deficit
8/6/2007 low tide (Prior to ReOxygenation)



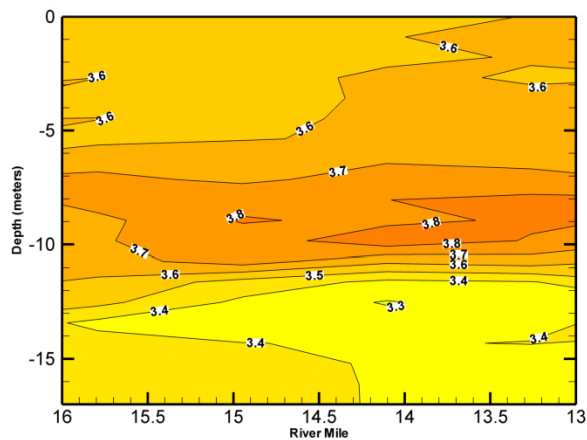
Oxygen Concentration Deficit
8/11/2007 low tide After 4 days of ReOxygenation)



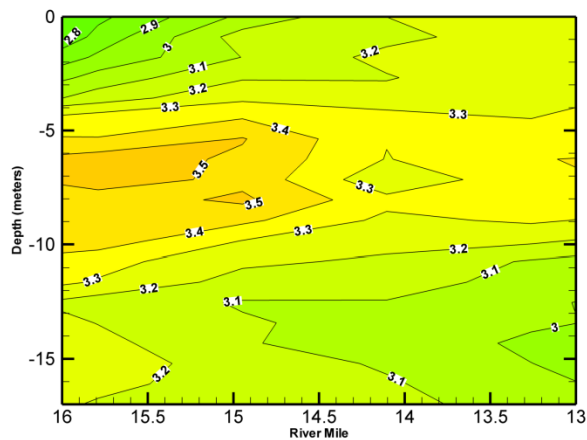
Oxygen Concentration Deficit
8/20/2007 low tide After 13 days of ReOxygenation



Oxygen Concentration Deficit
9/4/2007 low tide After 28 days of ReOxygenation



Oxygen Concentration Deficit
9/6/2007 low tide Long Run (After 30 day of ReOxygenation)



Prepared by: NTG 11/16/07

Checked by: JTP 11/16/07

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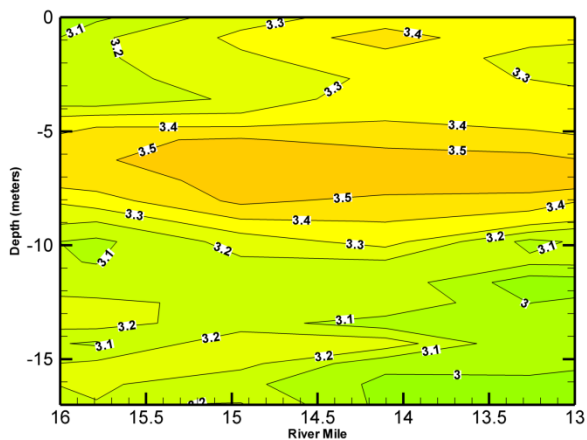


Mid-channel
DO Deficit (mg/L)
Low Tide Event

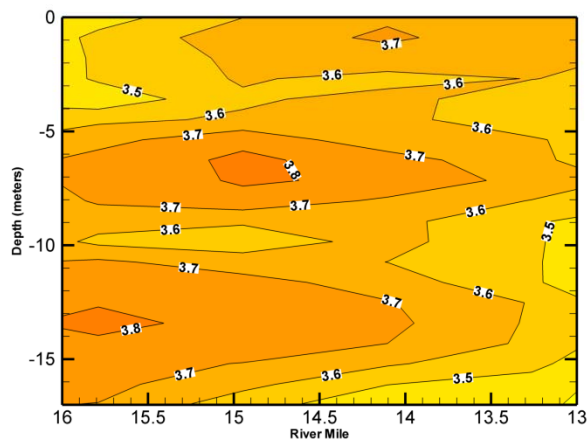
Project Number: 6110080064

Figure:3.20A

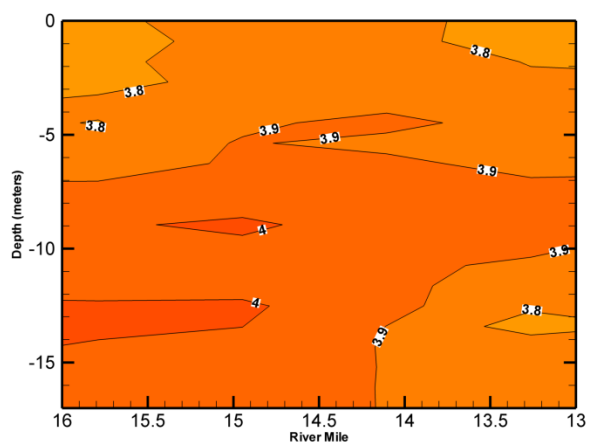
Oxygen Concentration Deficit
9/7/2007 low tide Long Run (After 31 day of ReOxygenation)



Oxygen Concentration Deficit
9/25/2007 low tide Long Run (9 days Post ReOxygenation)



Oxygen Concentration Deficit
9/26/2007 low tide (10 days Post ReOxygenation)



Prepared by: NTG 11/16/07

Checked by: JTP 11/16/07

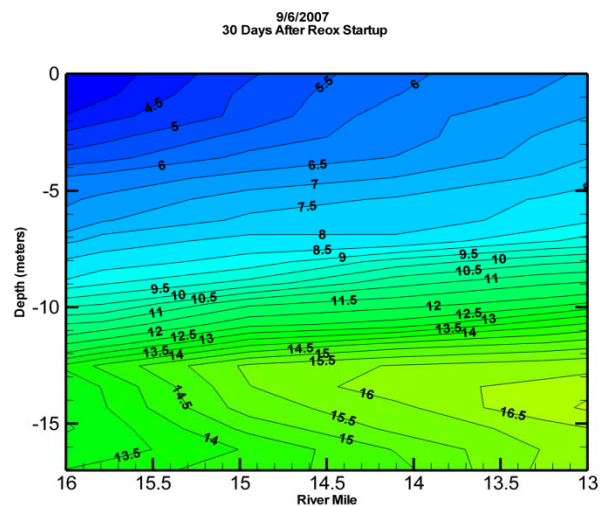
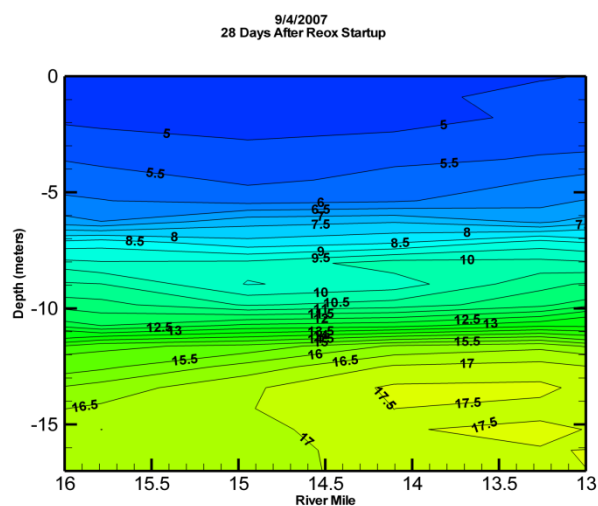
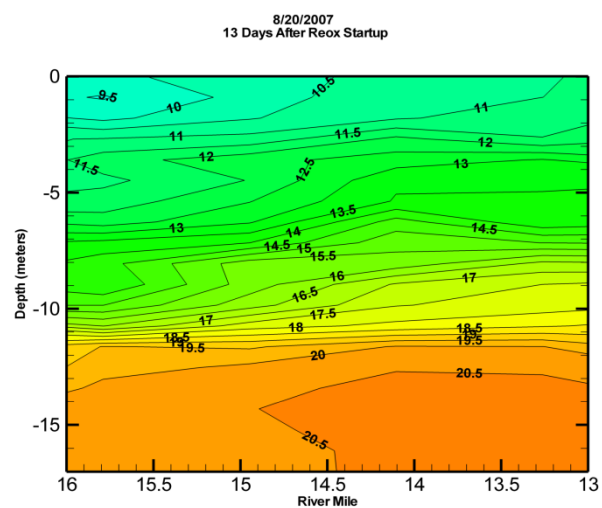
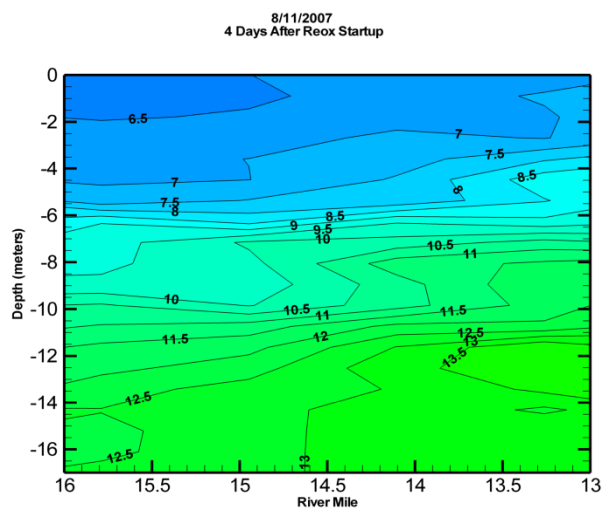
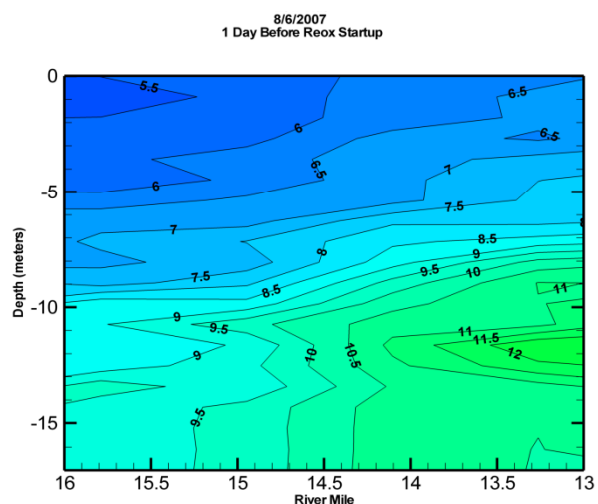
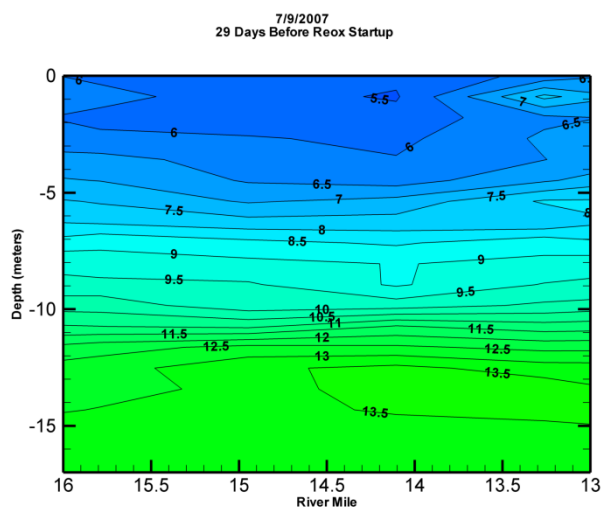
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Mid-channel
DO Deficit (mg/L)
Low Tide Event

Project Number: 6110080064

Figure: 3.20B



Prepared by: NTG 11/16/07

Checked by: JTP 11/16/07

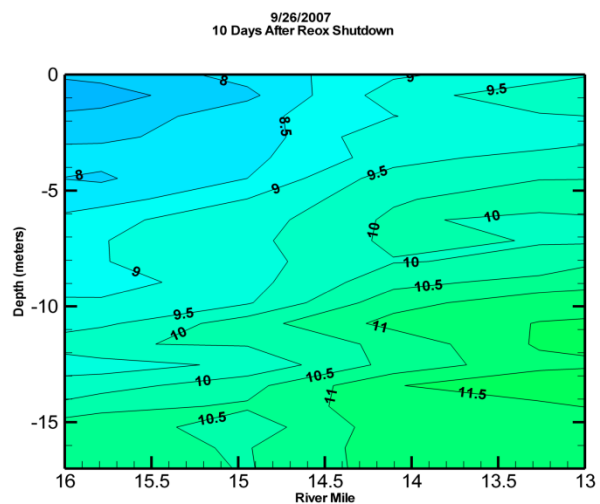
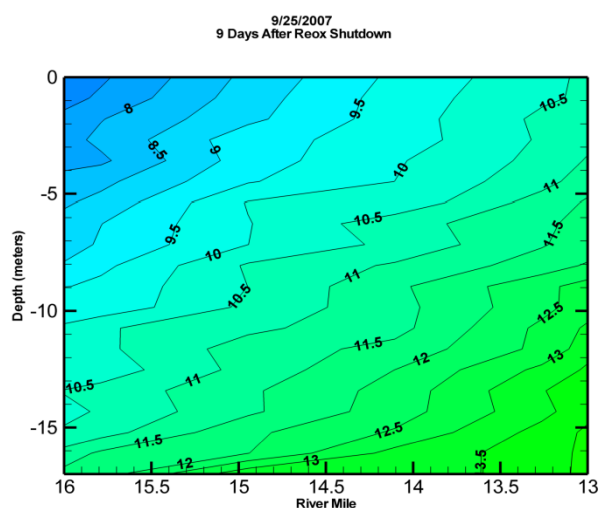
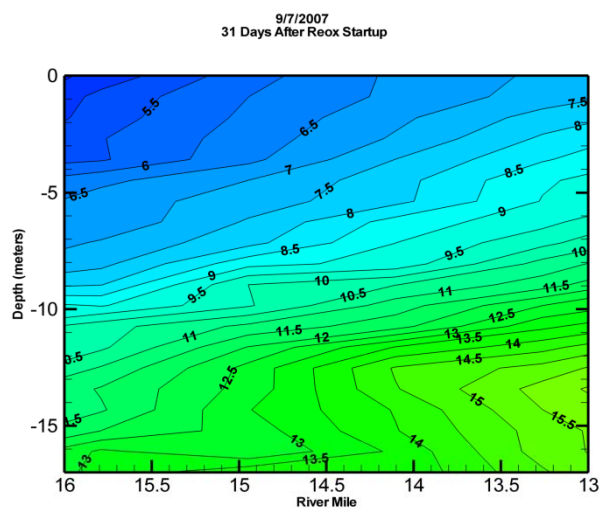
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 **MACTEC**

Mid-channel
Salinity (ppt)
Low Tide Event

Project Number: 6110080064

Figure: 3.21A



Prepared by: NTG 11/16/07
Checked by: JTP 11/16/07

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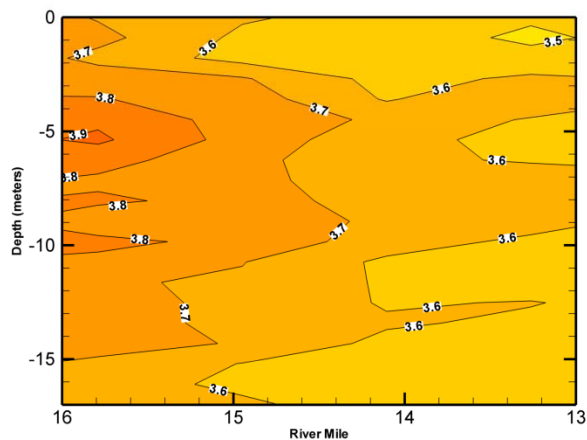


Mid-channel
Salinity (ppt)
Low Tide Event

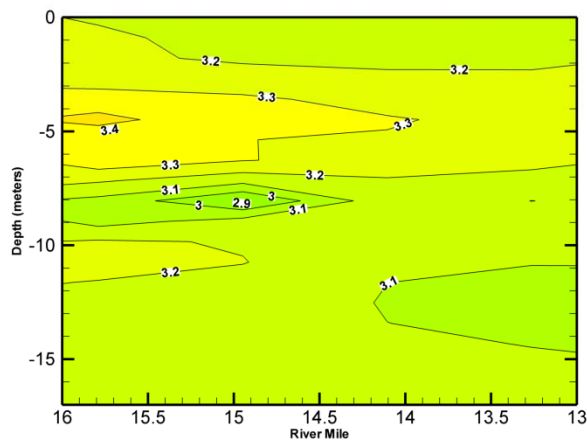
Project Number: 6110080064

Figure: 3.21B

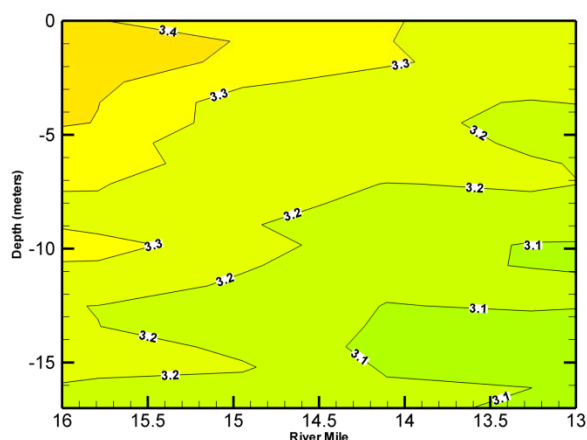
Oxygen Concentration Deficit
7/16/2007 high tide (Background)



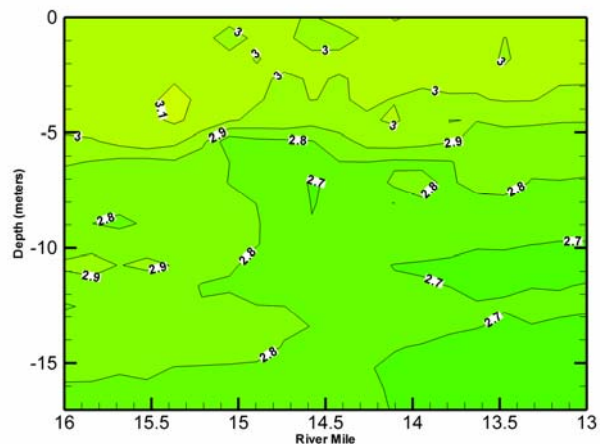
Oxygen Concentration Deficit
8/14/2007 high tide After 7 days of ReOxygenation



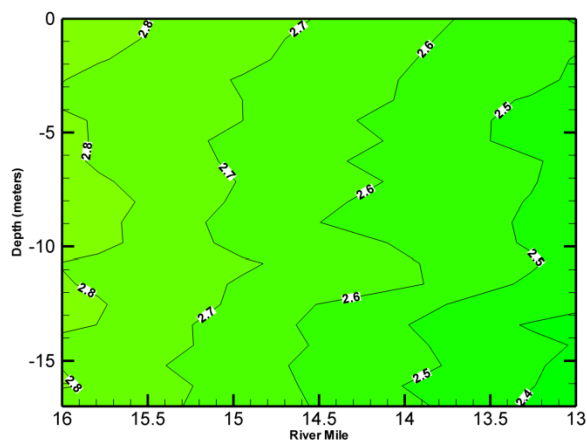
Oxygen Concentration Deficit
8/27/2007 high tide After 20 days of ReOxygenation



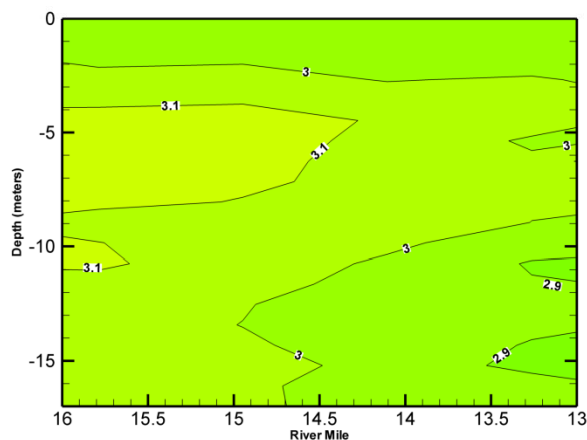
Oxygen Concentration Deficit
9/10/2007 high tide (After 34 days of ReOxygenation)



Oxygen Concentration Deficit
9/13/2007 high tide Long Run (After 37 days of ReOxygenation)



Oxygen Concentration Deficit
9/17/2007 high tide (1 day Post ReOxygenation)



Prepared by: NTG 11/16/07
Checked by: JTP 11/16/07

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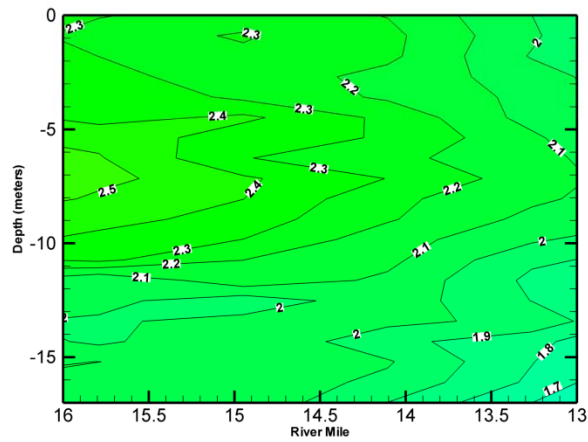


Mid-channel
DO Deficit (mg/L)
High Tide Event

Project Number: 6110080064

Figure: 3.22A

Oxygen Concentration Deficit
9/19/2007 high tide Long Run (3 days Post ReOxygenation)



Prepared by: NTG 11/16/07
Checked by: JTP 11/16/07

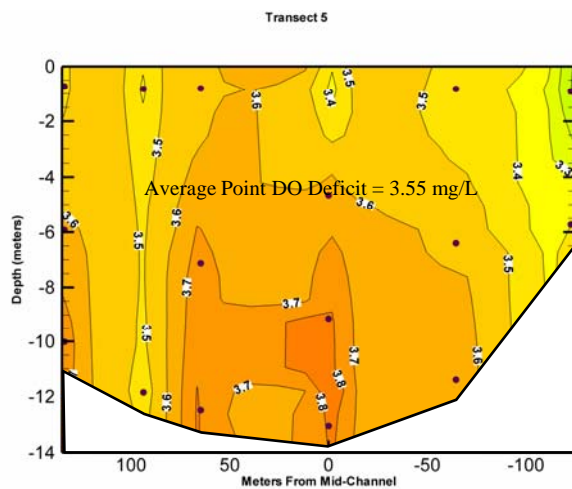
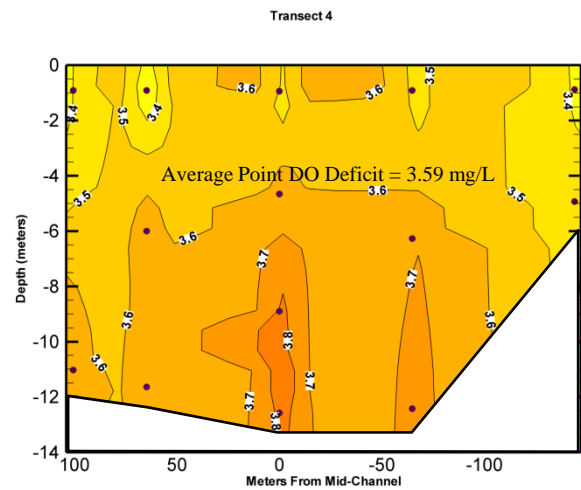
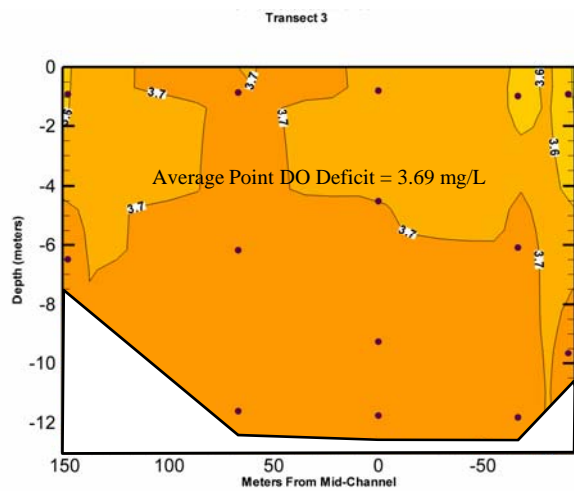
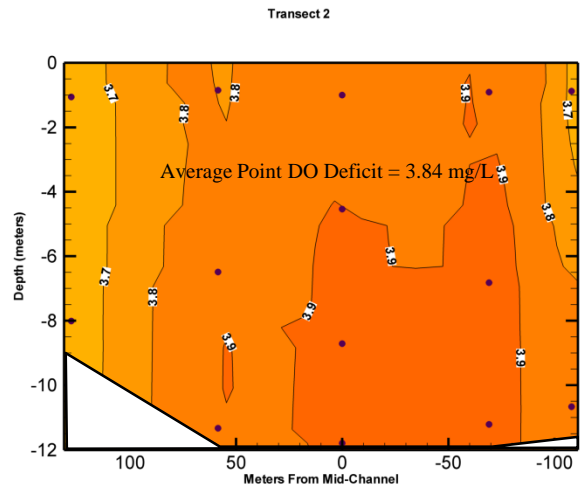
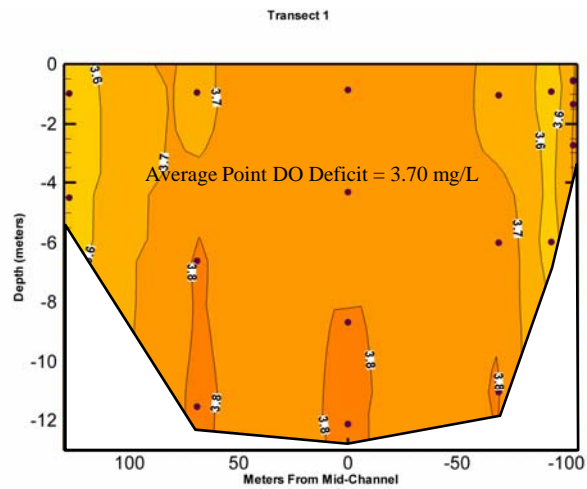
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Mid-channel
DO Deficit (mg/L)
High Tide Event

Project Number: 6110080064

Figure: 3.22B



Prepared by: NTG 11/16/07
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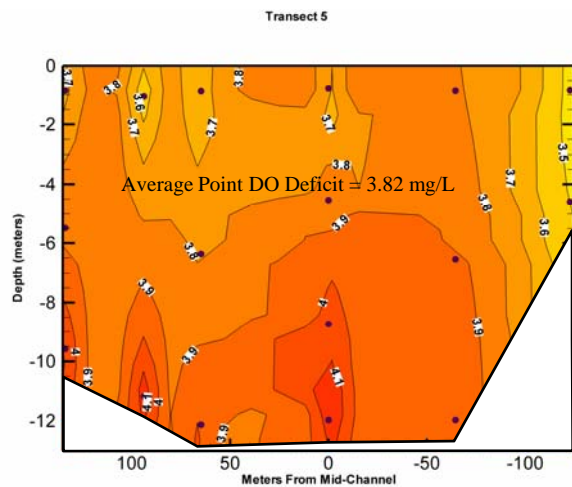
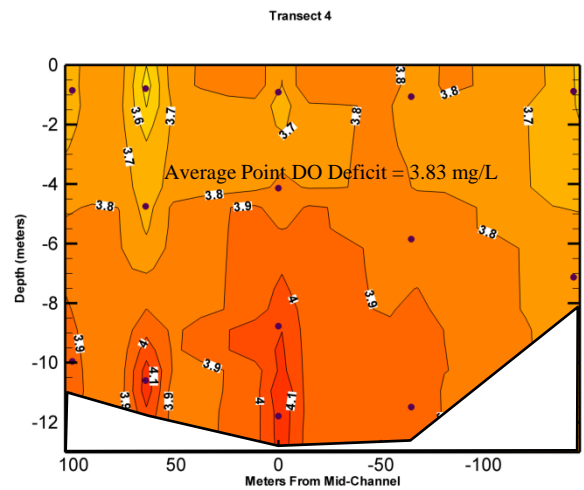
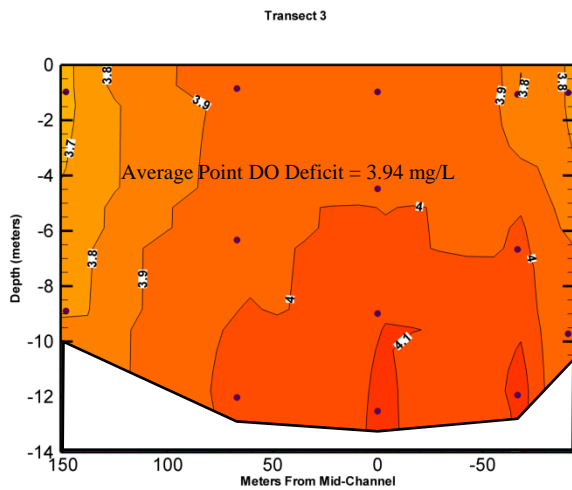
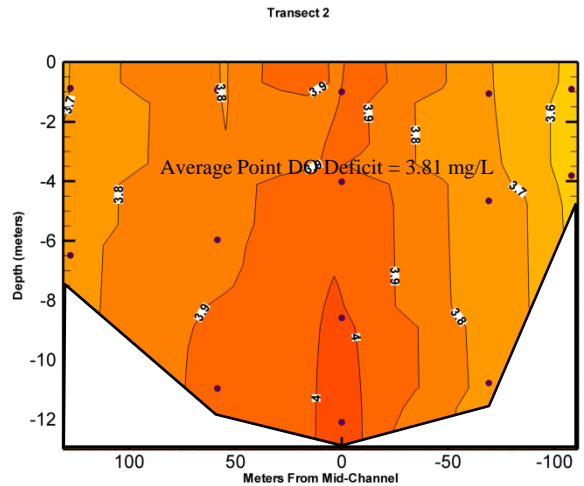
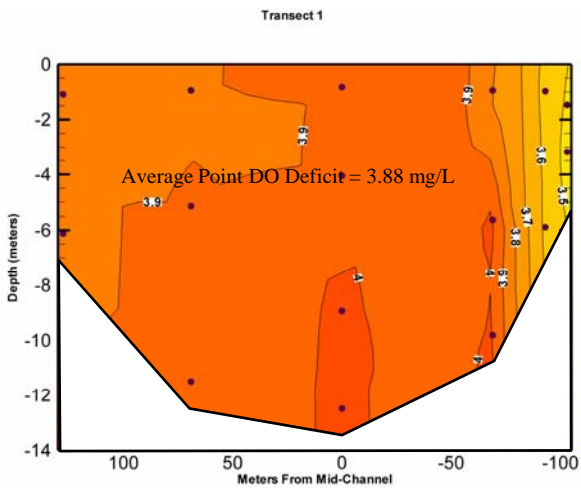
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River Transects
 DO Deficit (mg/L)
 Low Tide 7/10/2007

Project Number: 6110080064

Figure: 3.23



Prepared by: NTG 11/16/07
 Checked by: JTP 11/16/07

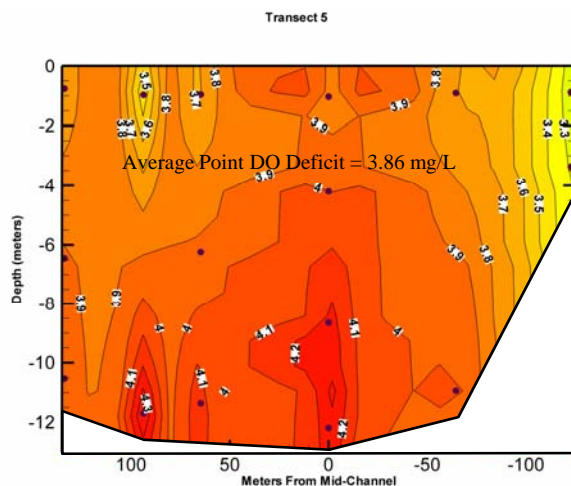
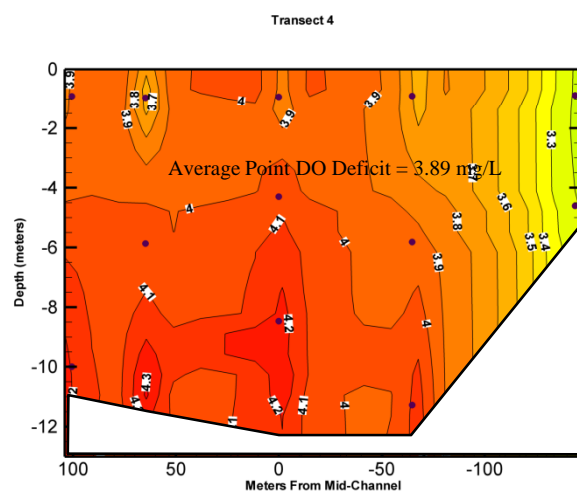
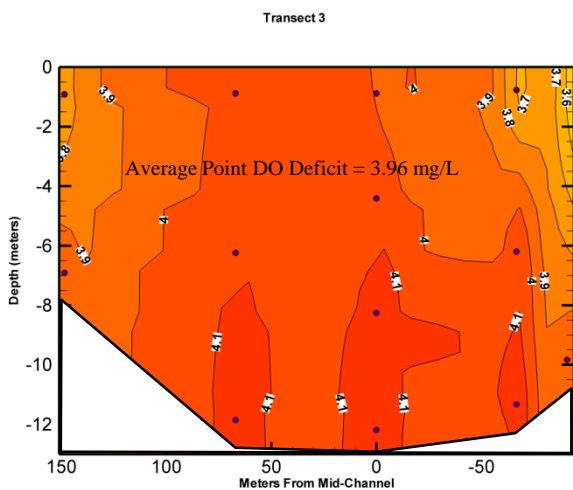
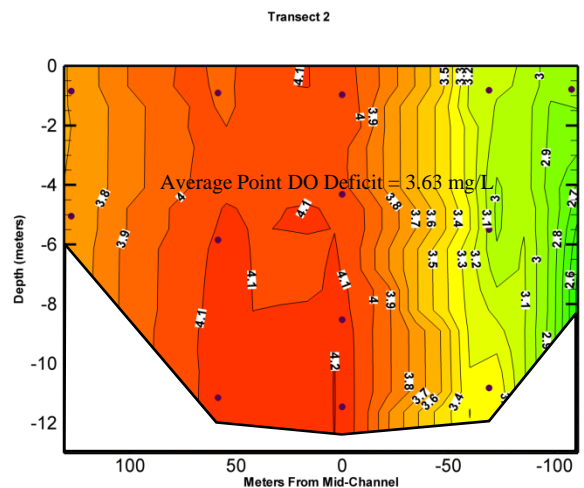
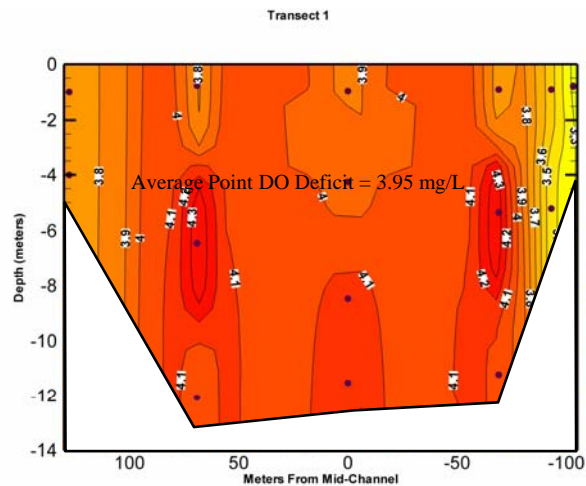
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River Transects
 DO Deficit (mg/L)
 Low Tide 8/7/2007

Project Number: 6110080064

Figure: 3.24



Prepared by: NTG 11/16/07

Checked by: JTP 11/16/07

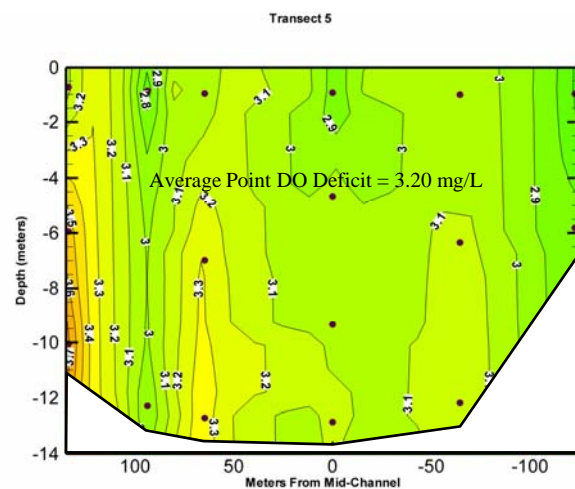
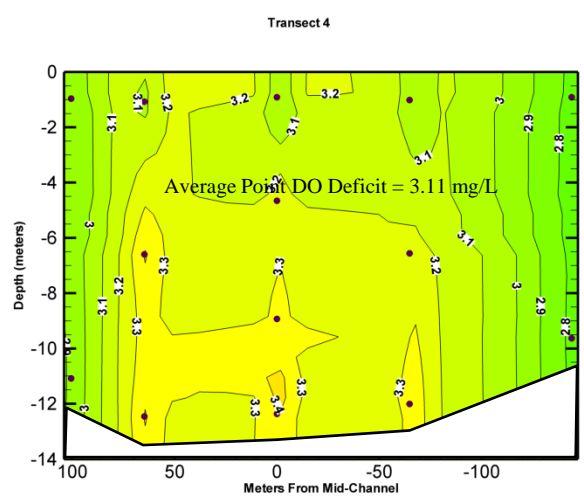
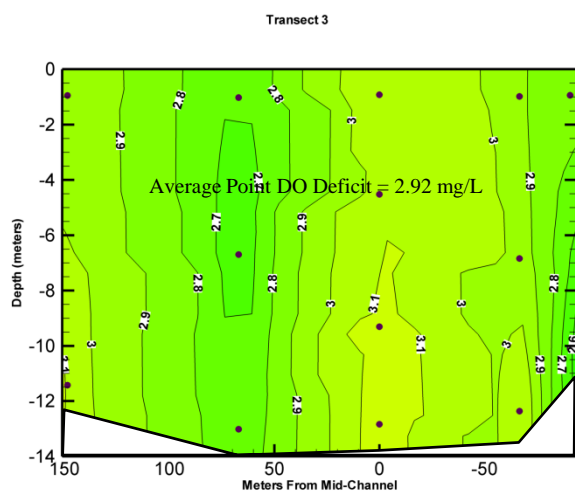
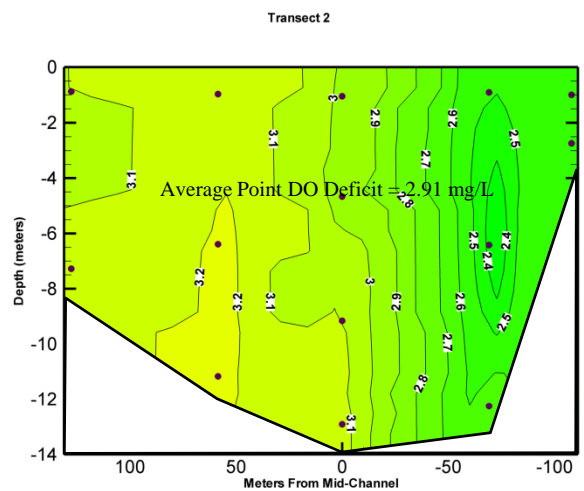
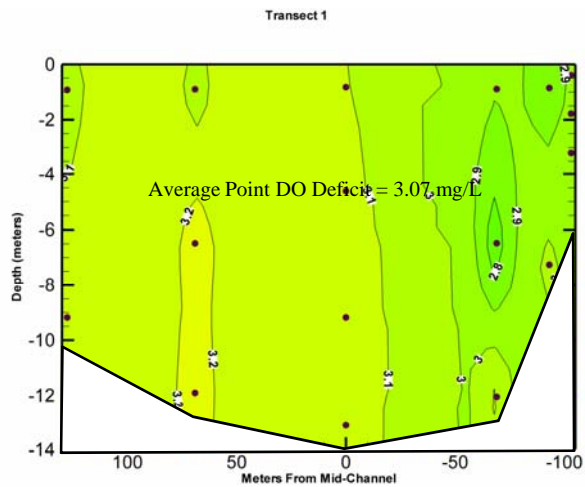
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River Transects
DO Deficit (mg/L)
Low Tide 8/10/2007

Project Number: 6110080064

Figure: 3.25



Prepared by: NTG 11/16/07
 Checked by: JTP 11/16/07

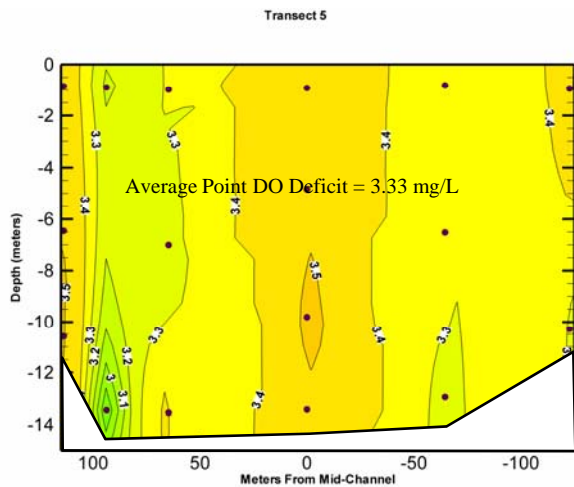
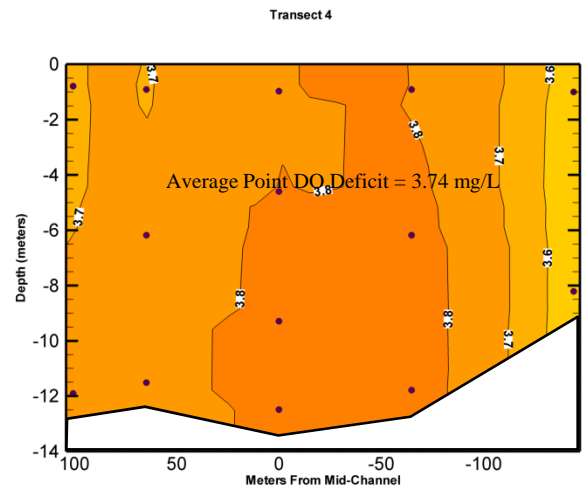
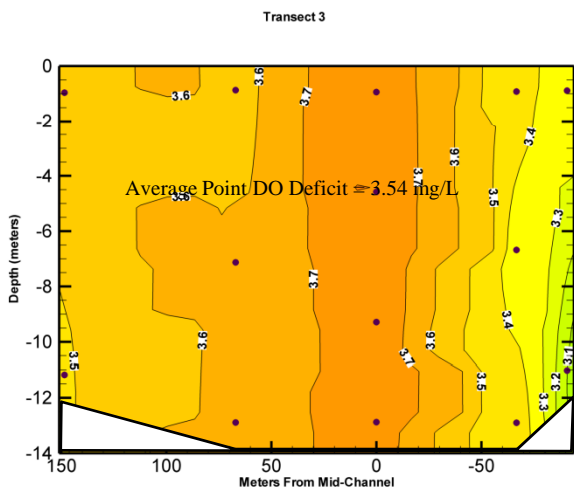
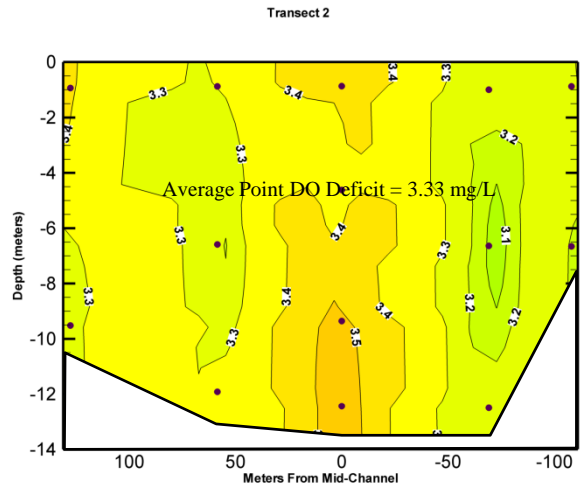
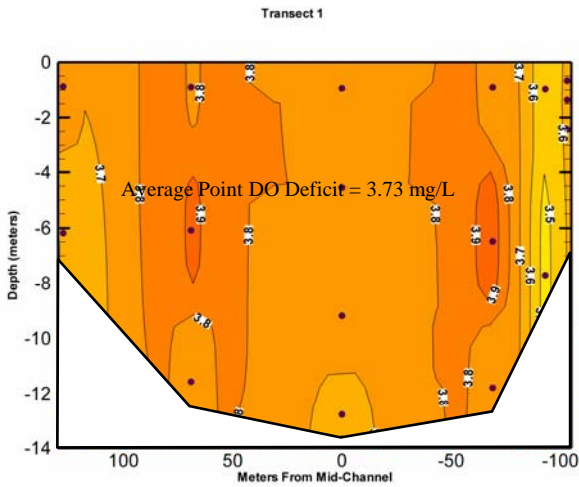
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River Transects
 DO Deficit (mg/L)
 Low Tide 8/21/2007

Project Number: 6110080064

Figure: 3.26



Prepared by: NTG 11/16/07
 Checked by: JTP 11/16/07

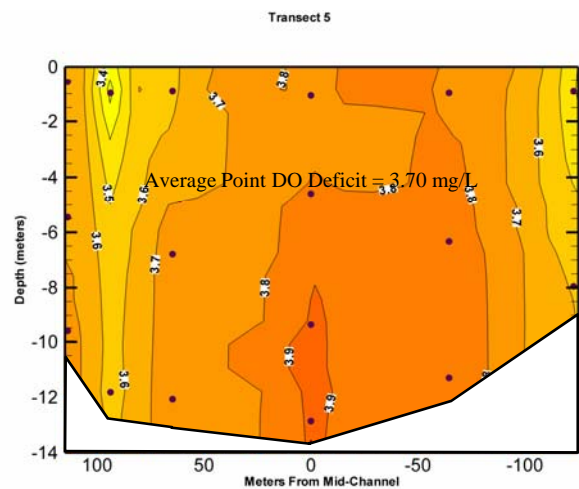
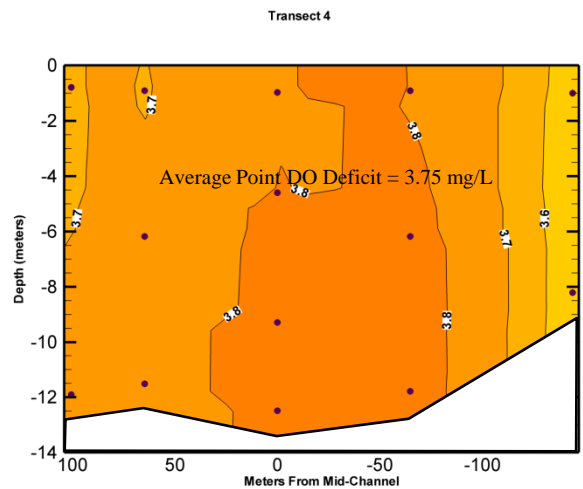
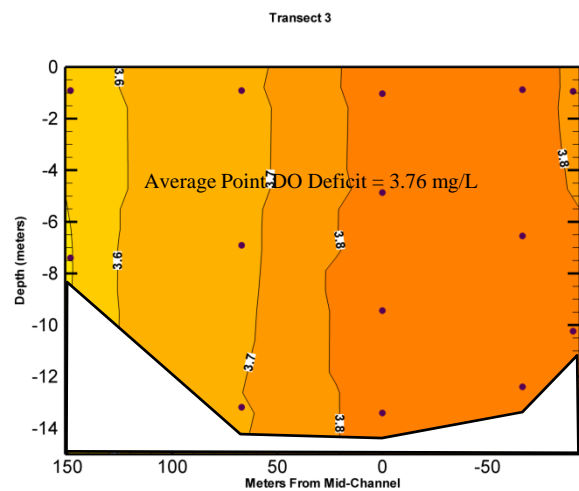
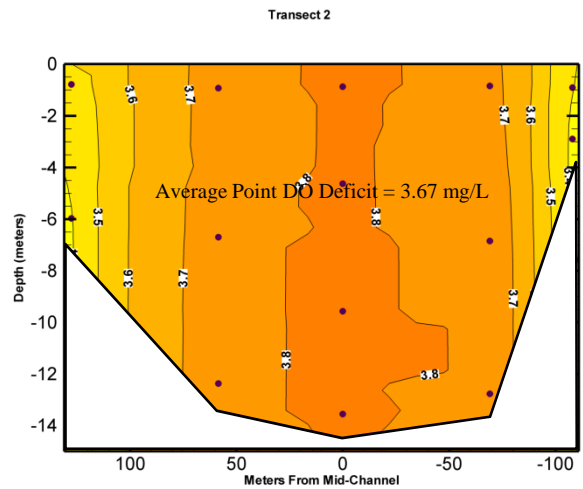
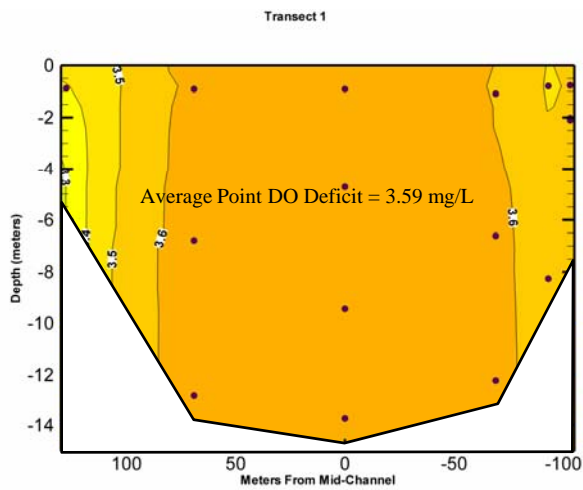
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River Transects
 DO Deficit (mg/L)
 Low Tide 9/5/2007

Project Number: 6110080064

Figure: 3.27



Prepared by: NTG 11/16/07
 Checked by: JTP 11/16/07

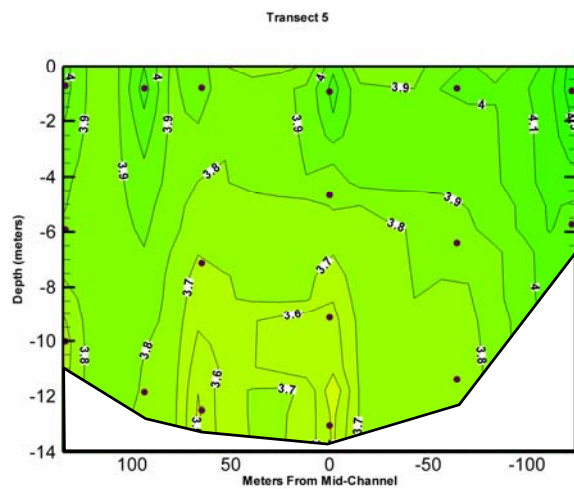
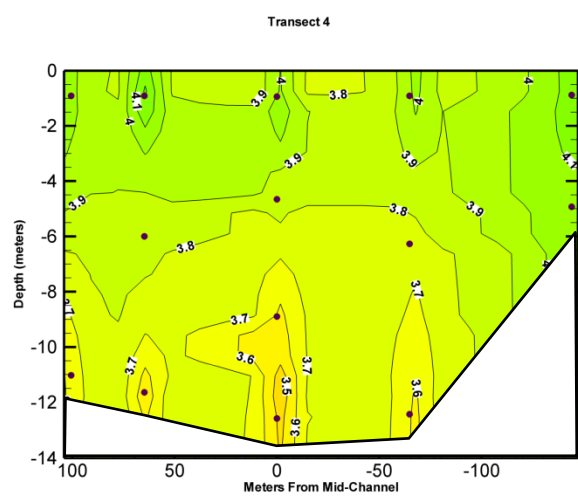
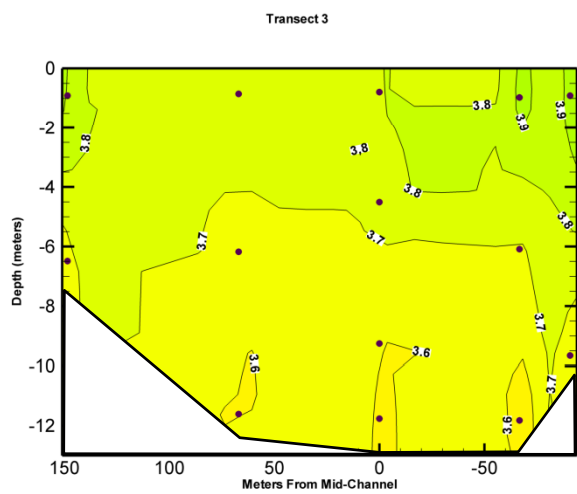
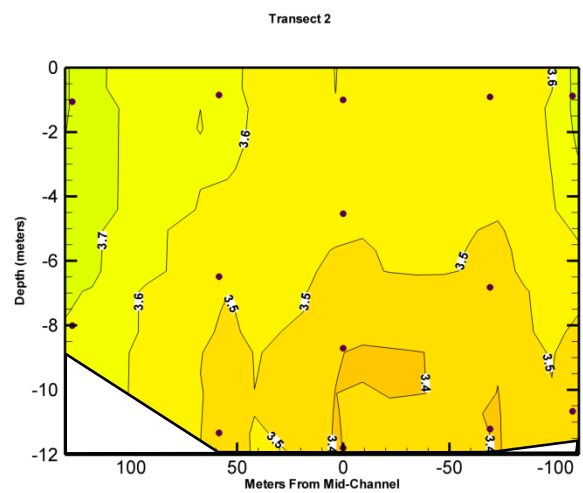
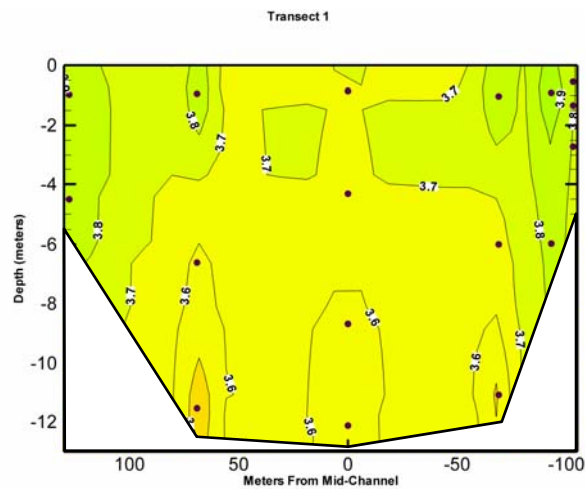
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River Transects
 DO Deficit (mg/L)
 Low Tide 9/24/2007

Project Number: 6110080064

Figure: 3.28



Prepared by: LRP 8/10/09

Checked by: TRK 8/10/09

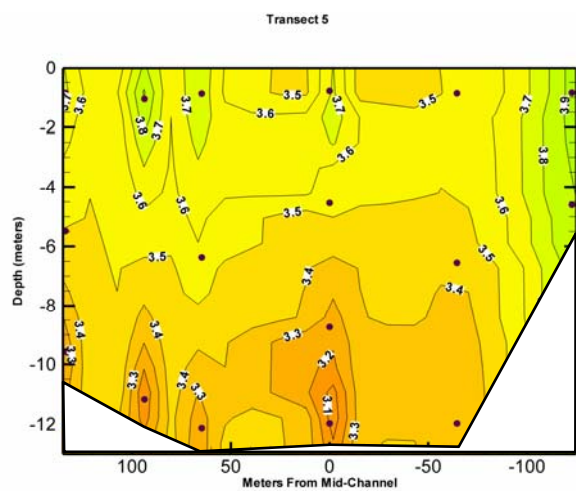
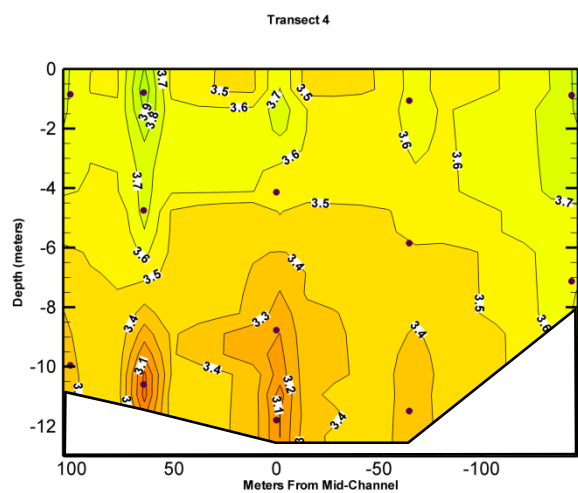
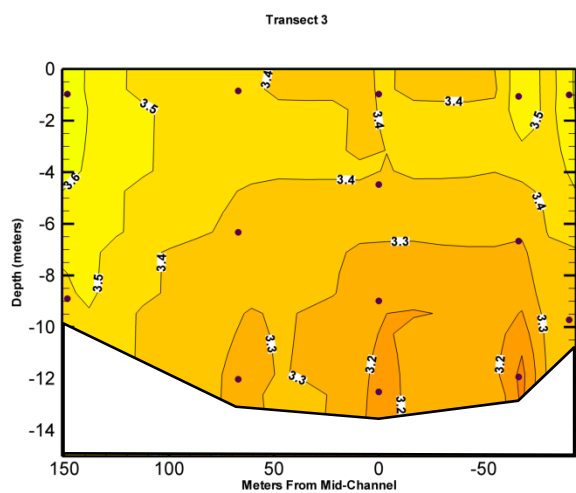
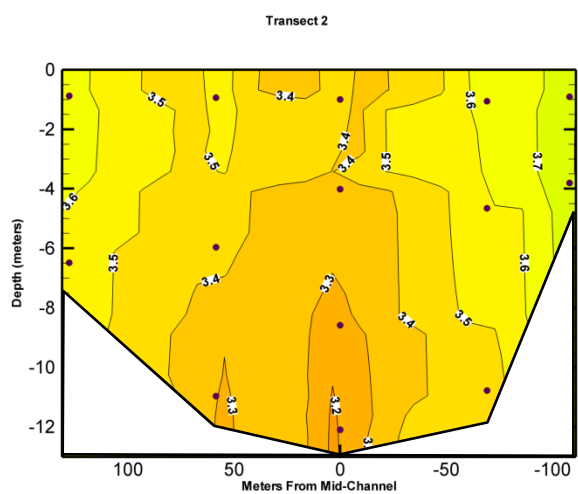
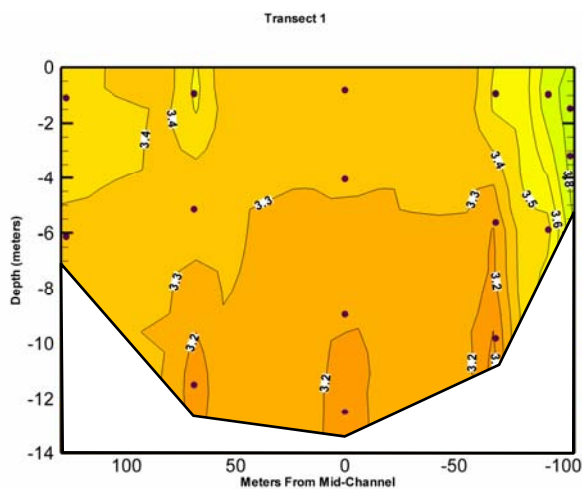
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Cross-Sections
DO Concentrations (mg/L)
Low Tide 7/10/2007

Project Number: 6110080064

Figure: 3.29



Prepared by: LRP 8/10/09
 Checked by: TRK 8/10/09

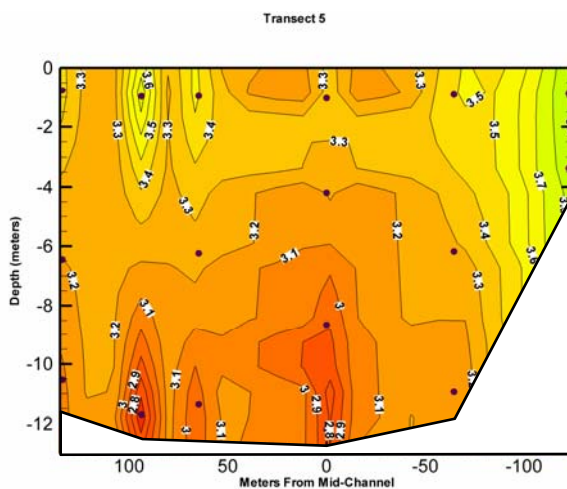
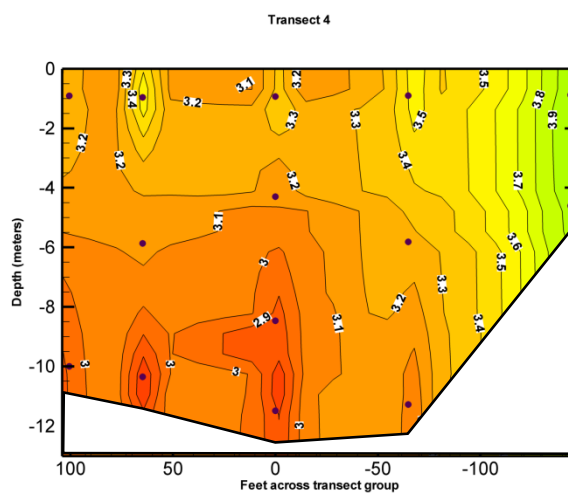
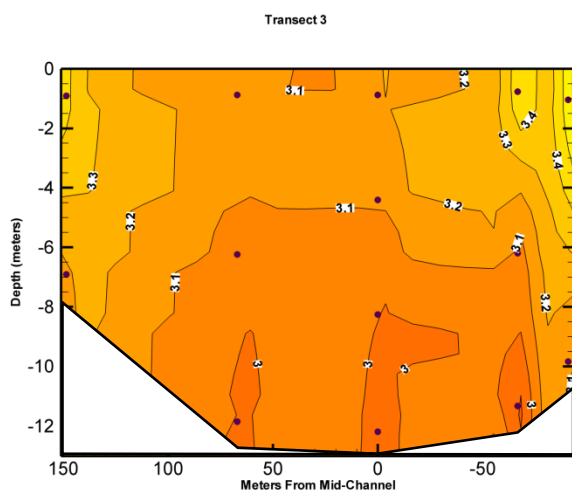
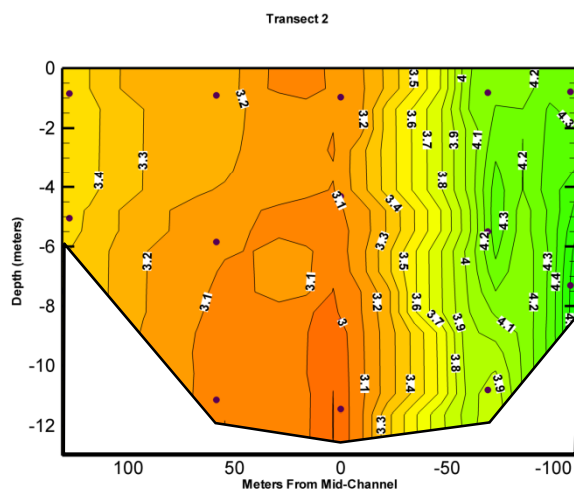
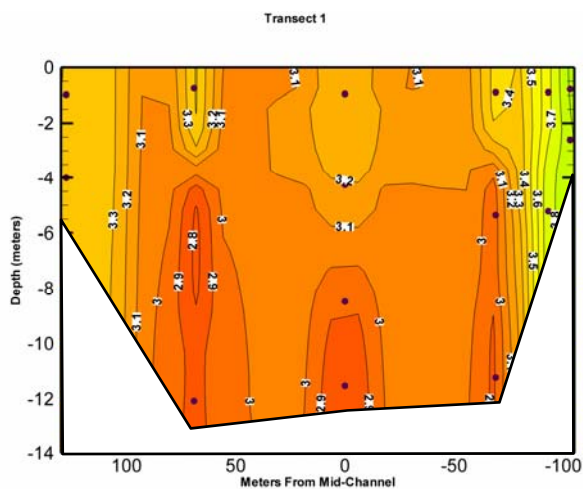
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 SAVANNAH, GEORGIA



Cross-Sections
 DO Concentration (mg/L)
 Low Tide 8/7/2007

Project Number: 6110080064

Figure: 3.30



Prepared by: LRP 8/10/09
 Checked by: TRK 8/10/09

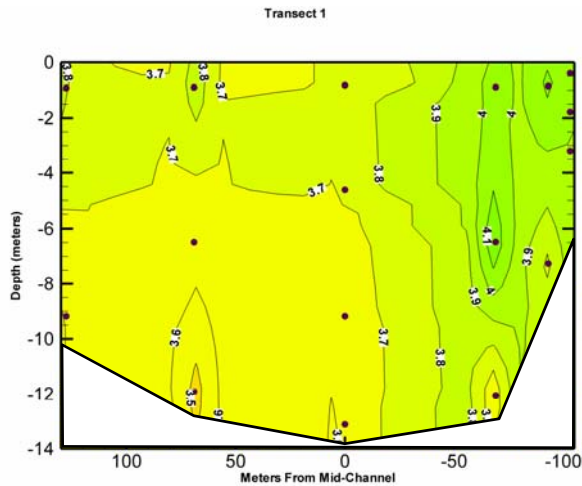
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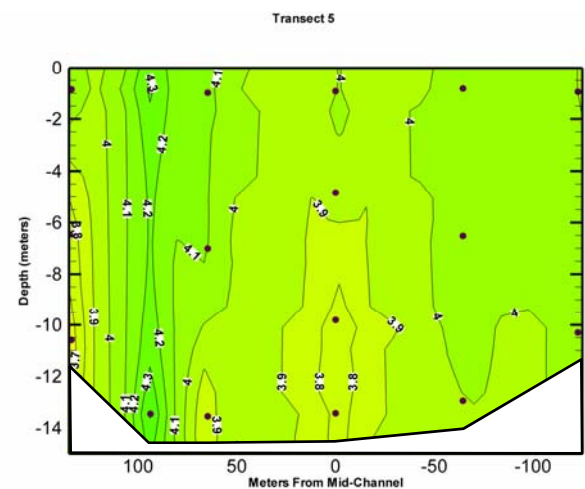
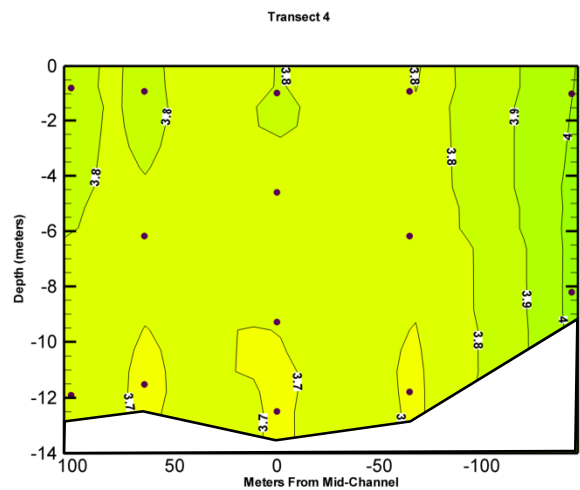
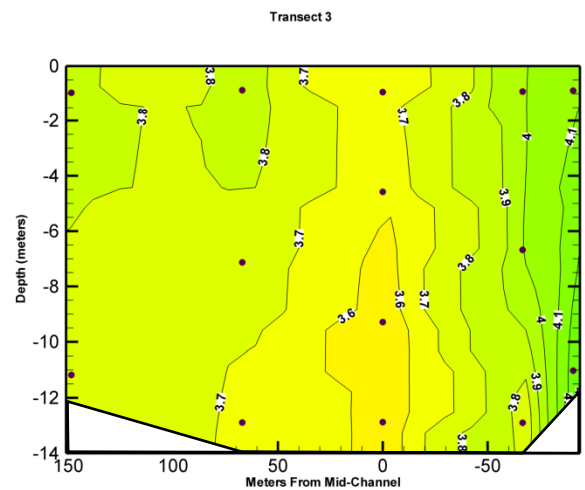
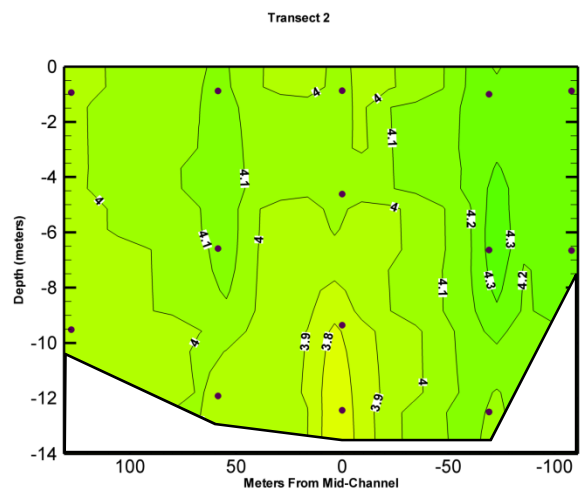
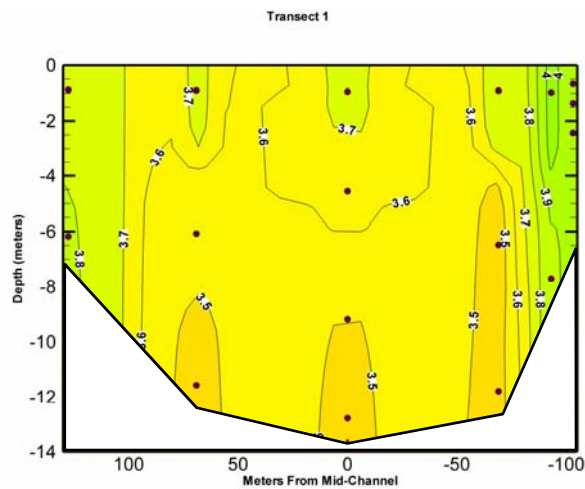


Cross-Sections
 DO Concentration (mg/L)
 Low Tide 8/10/2007

Project Number: 6110080064

Figure: 3.31





Prepared by: LRP 8/10/09
 Checked by: TRK 8/10/09

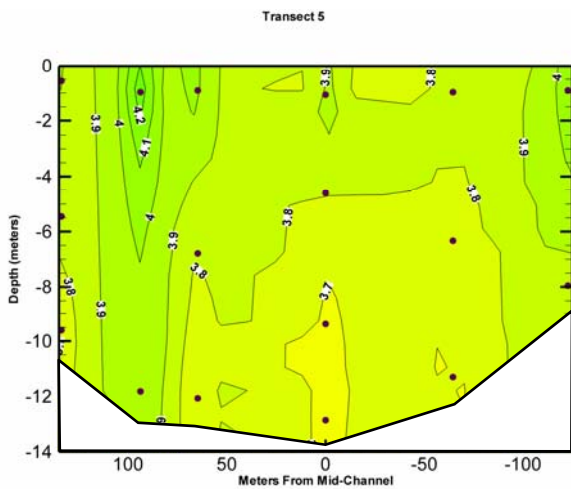
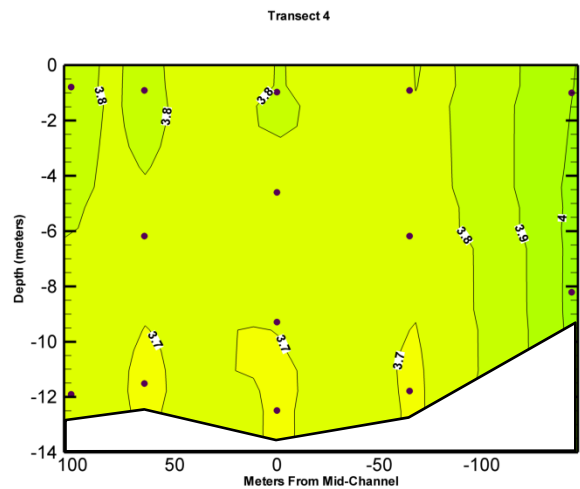
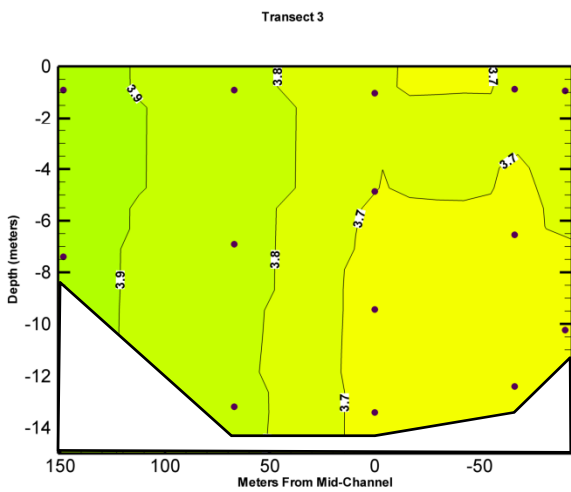
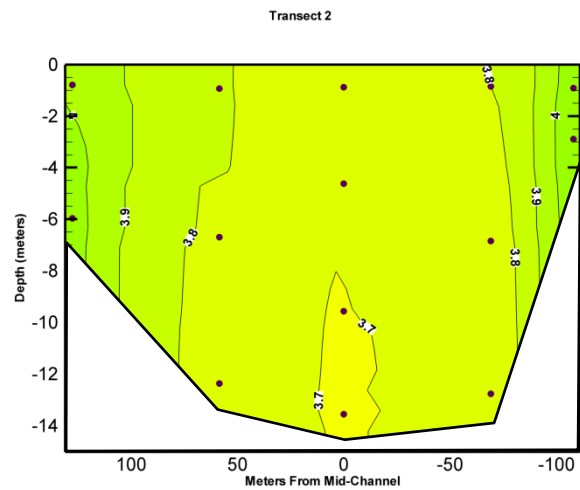
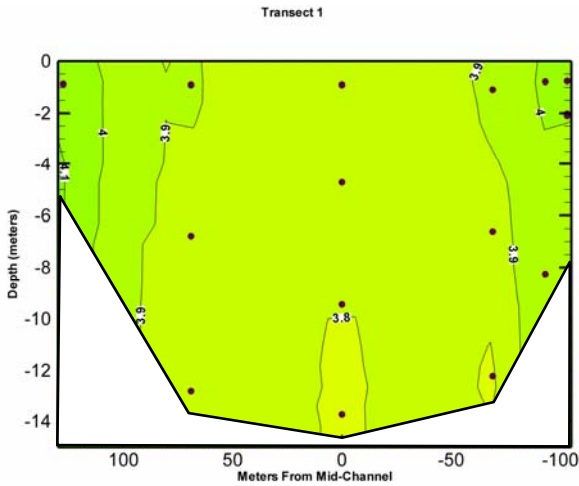
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Cross-Sections
 DO Concentration (mg/L)
 Low Tide 9/5/2007

Project Number: 6110080064

Figure: 3.33



Prepared by: LRP 8/10/09
 Checked by: TRK 8/10/09

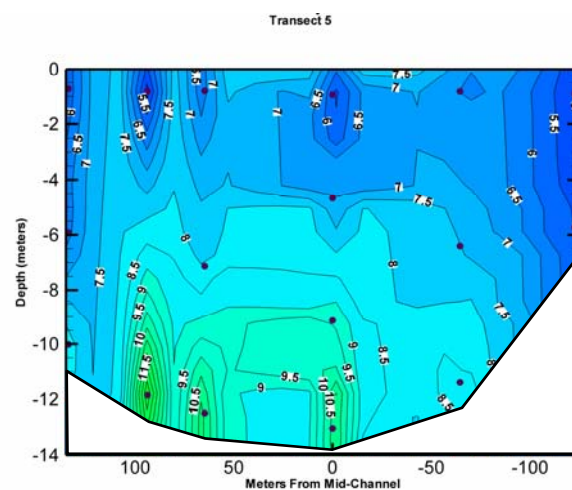
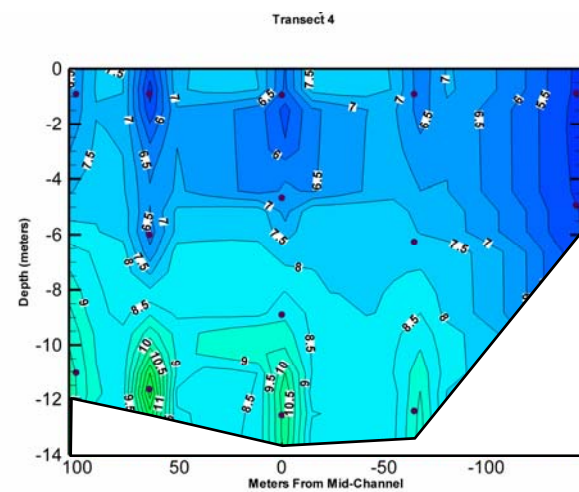
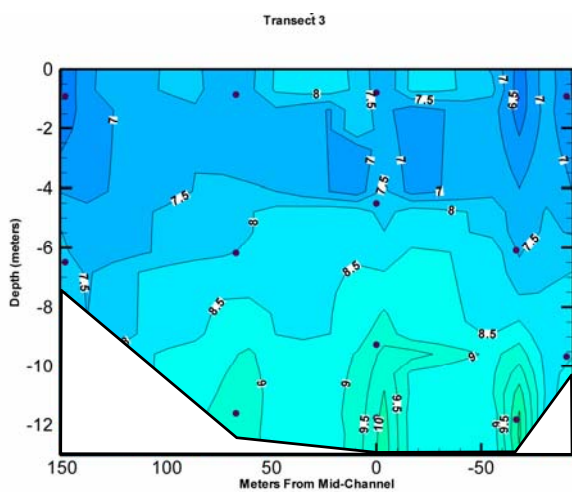
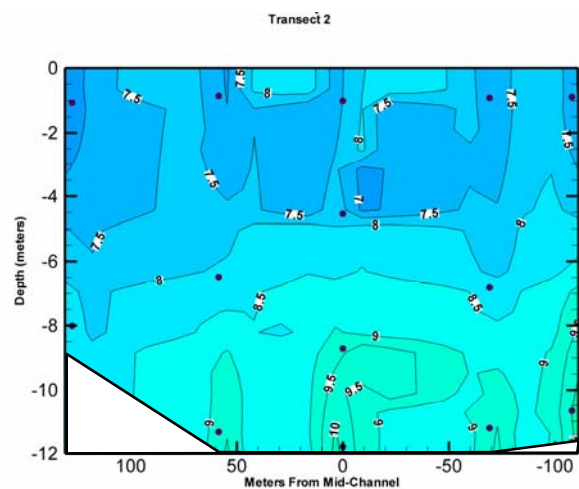
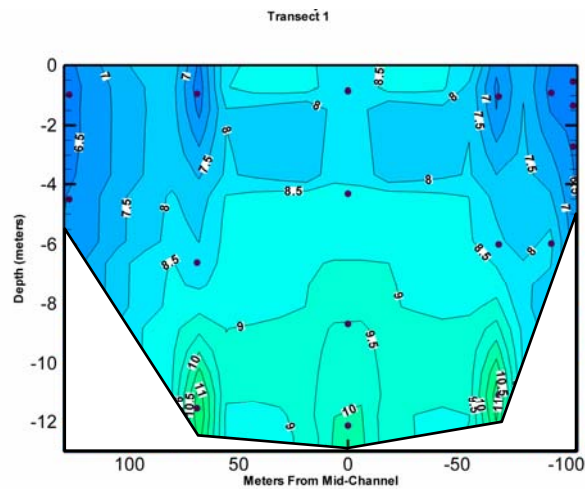
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 PROJECT
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Cross-Sections
 DO Concentration (mg/L)
 Low Tide 9/24/2007

Project Number: 6110080064

Figure: 3.34



Prepared by: LRP 6/10/09
 Checked by: TRK 6/10/09

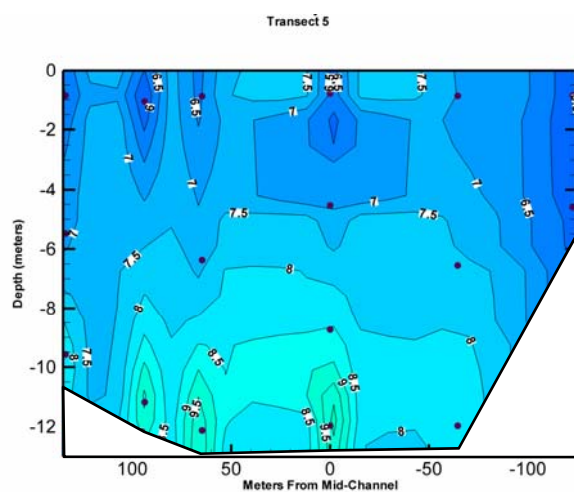
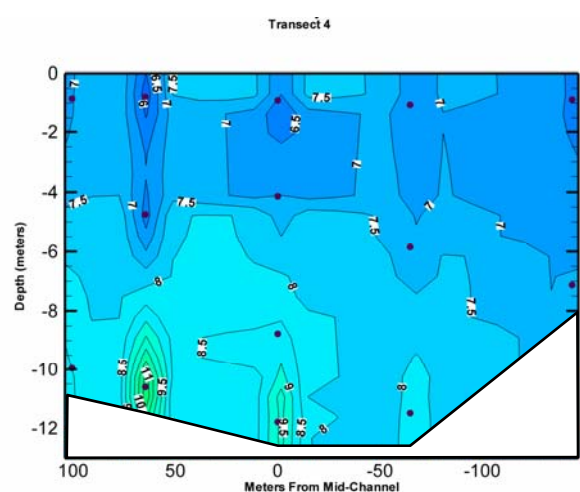
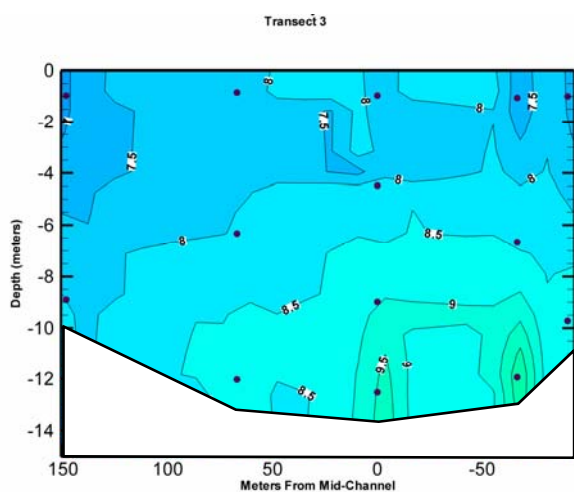
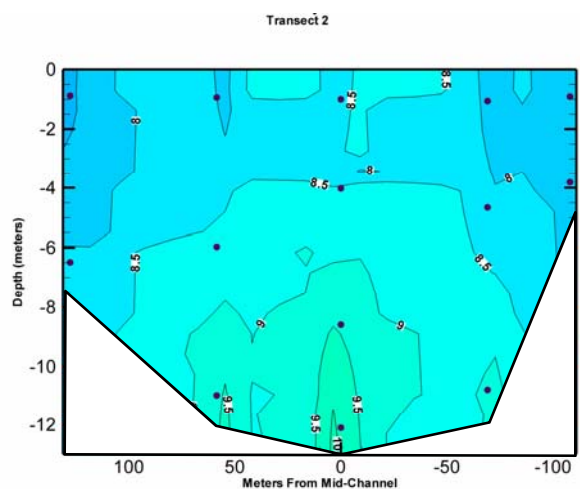
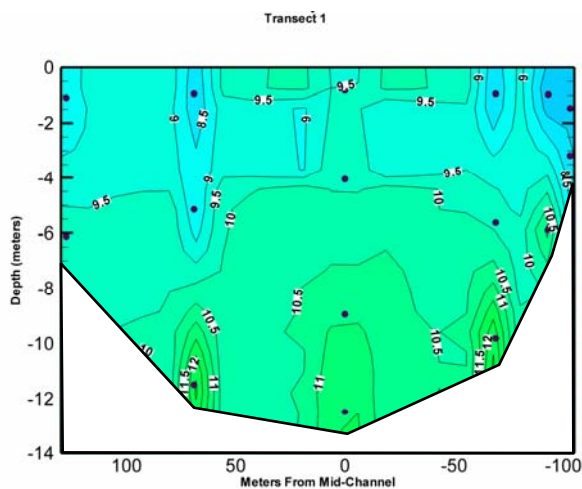
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Cross-Sections
 Salinity (ppt)
 Low Tide 7/10/2007

Project Number: 6110080064

Figure: 3.35



Prepared by: LRP 6/10/09
 Checked by: TRK 6/10/09

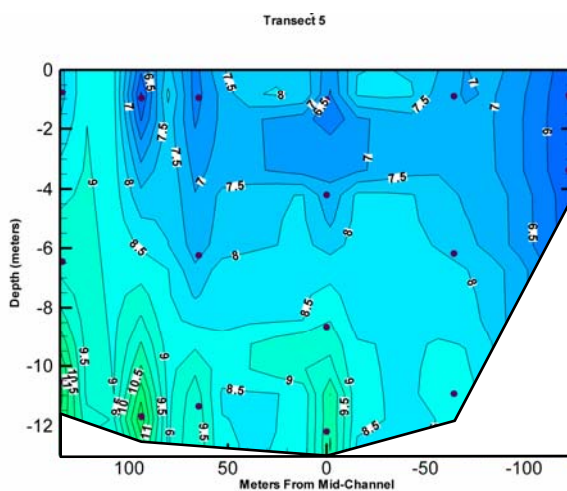
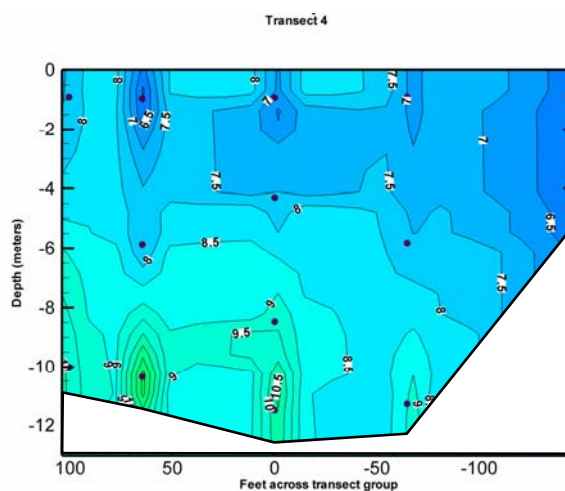
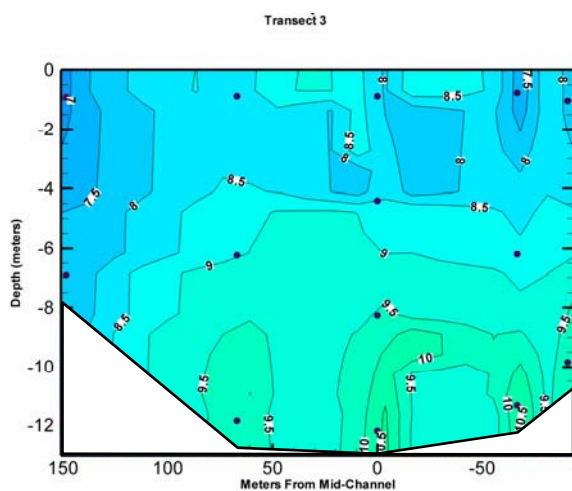
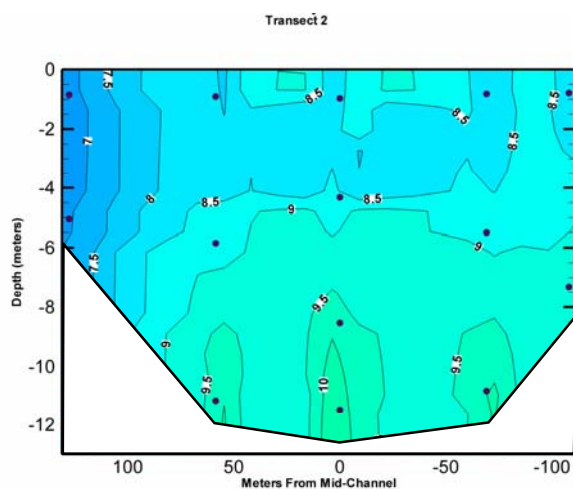
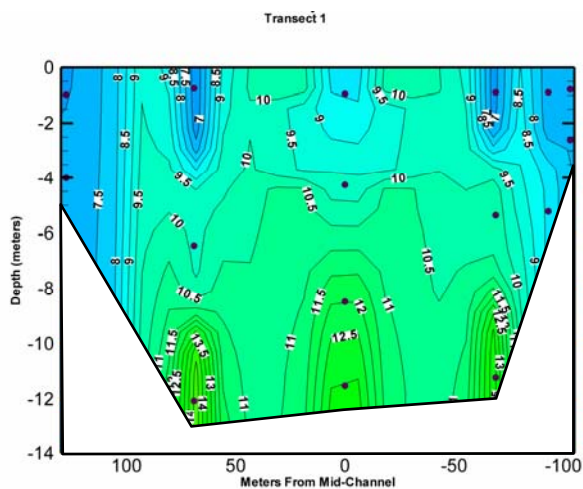
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Cross-Sections
 Salinity (ppt)
 Low Tide 8/7/2007

Project Number: 6110080064

Figure: 3.36



Prepared by: LRP 6/10/09
 Checked by: TRK 6/10/09

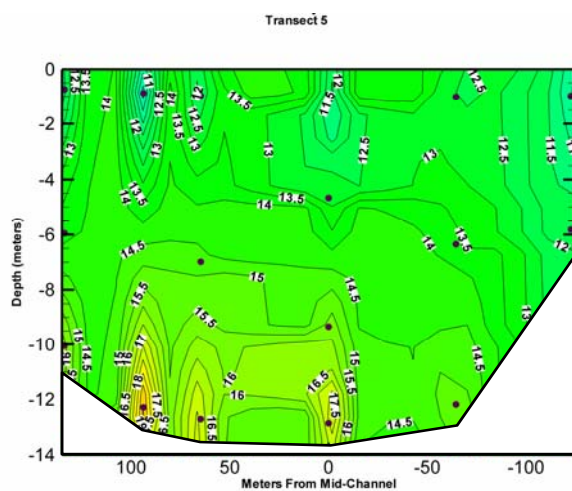
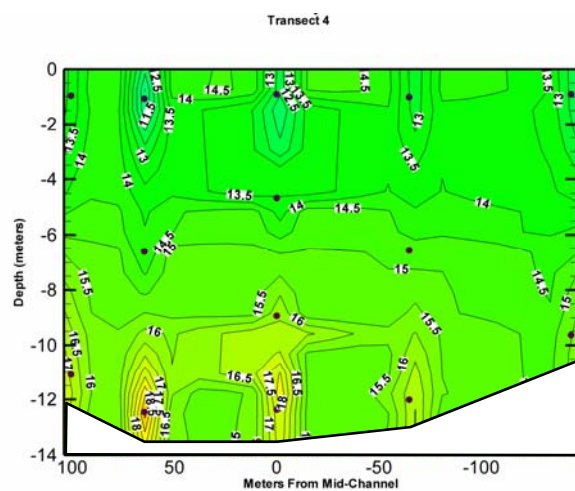
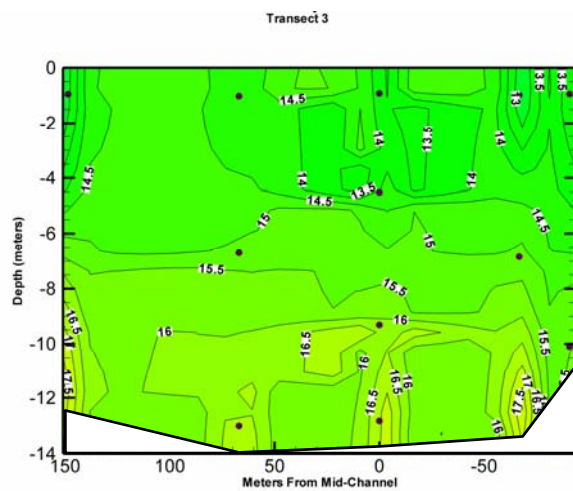
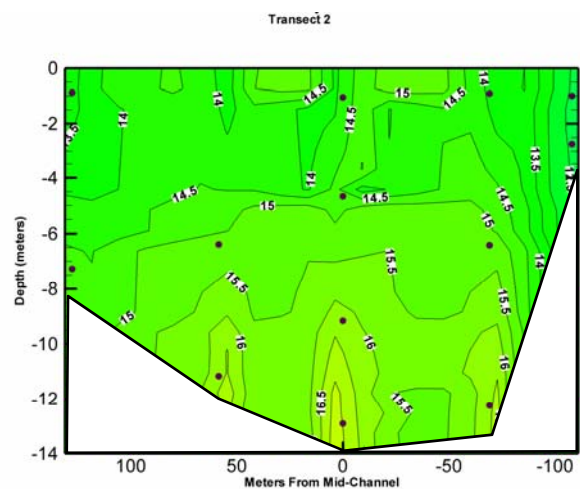
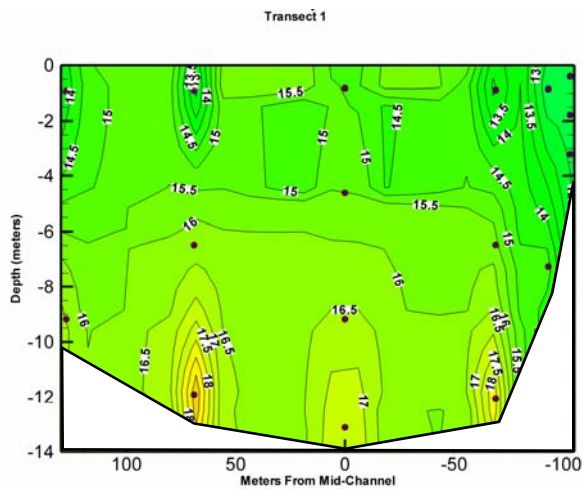
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 REOXYGENATION DEMONSTRATION
 PROJECT
 GEORGIA PORTS AUTHORITY
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Cross-Sections
 Salinity (ppt)
 Low Tide 8/10/2007

Project Number: 6110080064

Figure: 3.37



Prepared by: LRP 6/10/09

Checked by: TRK 6/10/09

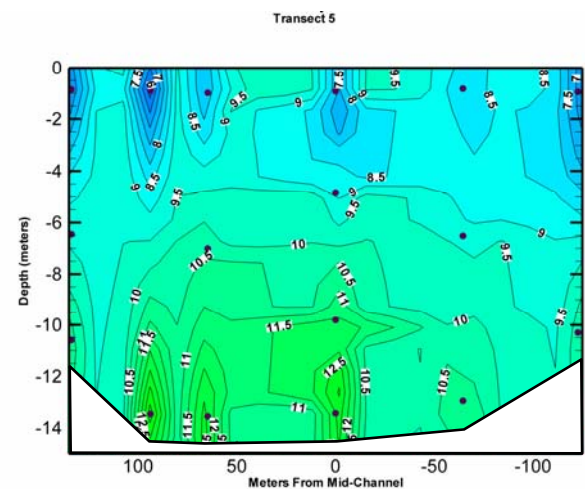
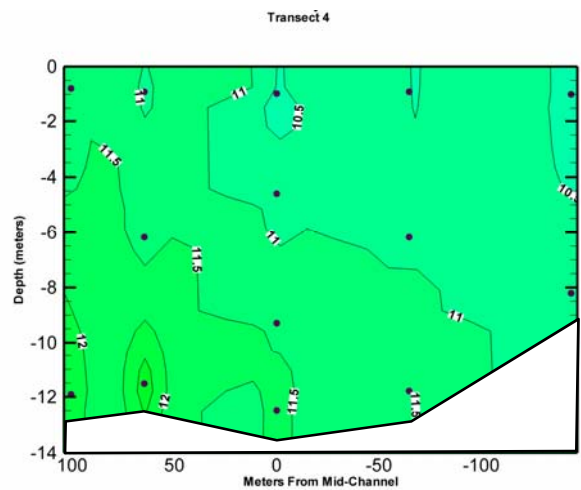
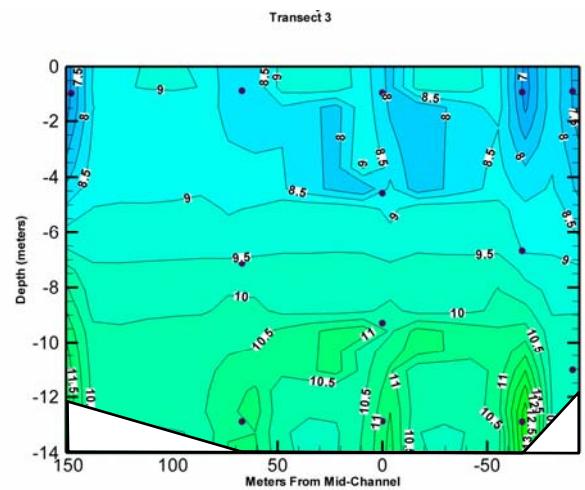
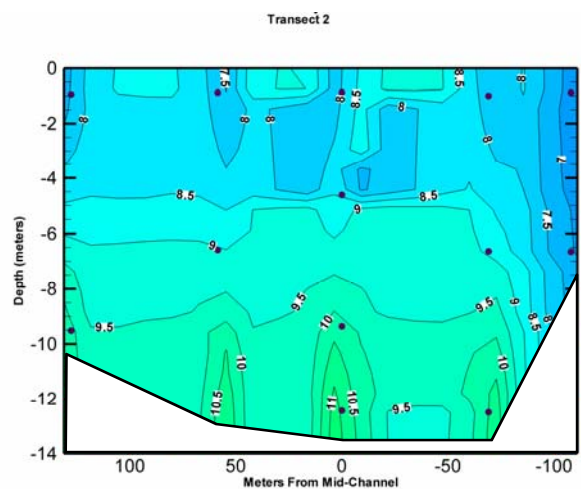
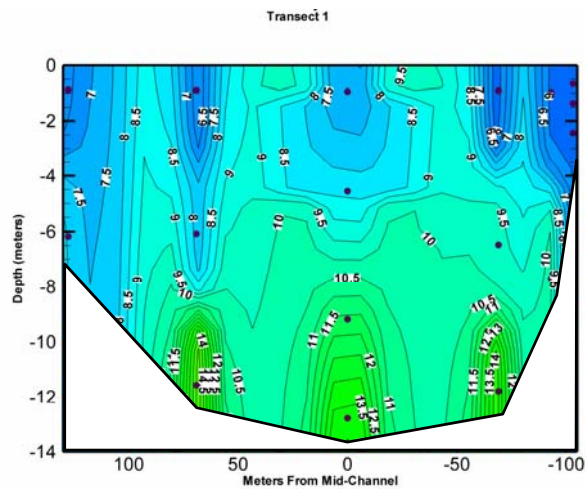
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REOXYGENATION DEMONSTRATION
PROJECT
GEORGIA PORTS AUTHORITY
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Cross-Sections
Salinity (ppt)
Low Tide 8/21/2007

Project Number: 6110080064

Figure: 3.38



Prepared by: LRP 6/10/09
 Checked by: TRK 6/10/09

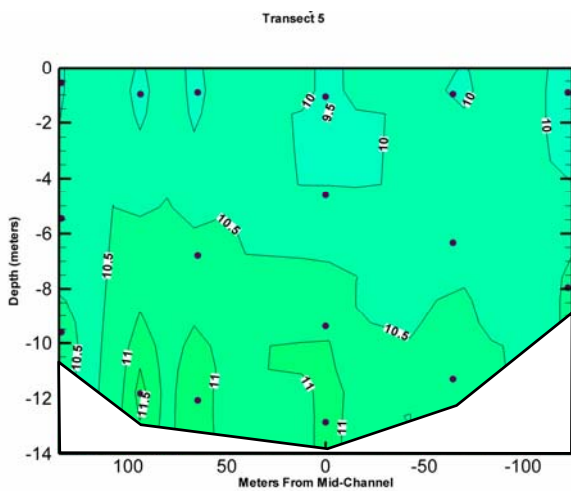
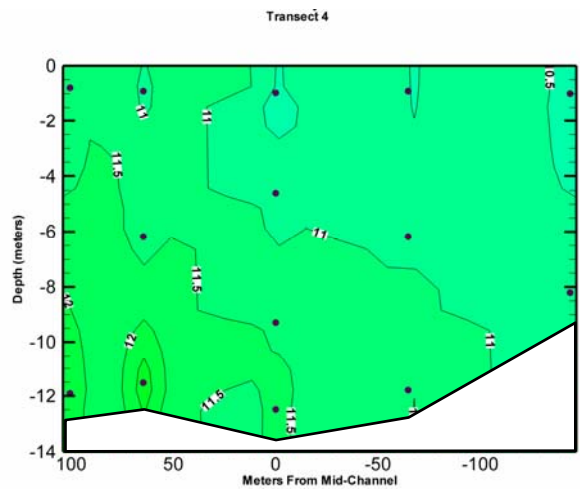
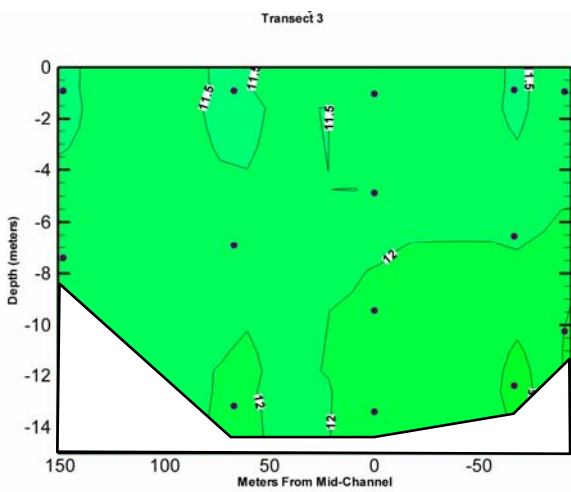
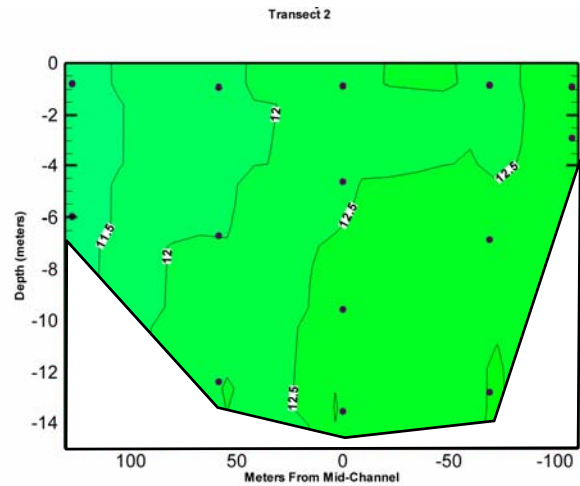
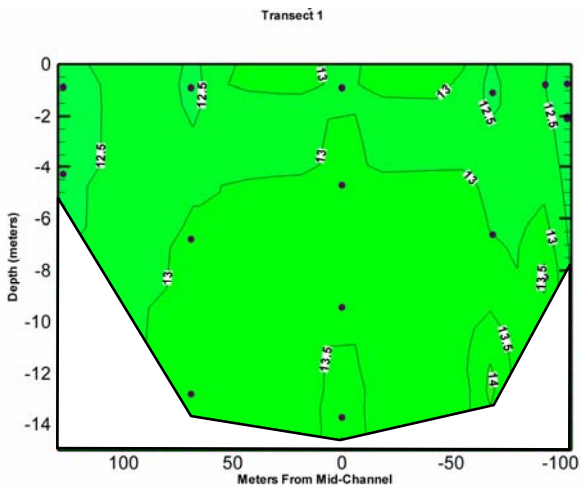
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 REOXYGENATION DEMONSTRATION
 PROJECT
 GEORGIA PORTS AUTHORITY
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Cross-Sections
 Salinity (ppt)
 Low Tide 9/5/2007

Project Number: 6110080064

Figure: 3.39



Prepared by: LRP 6/10/09
 Checked by: TRK 6/10/09

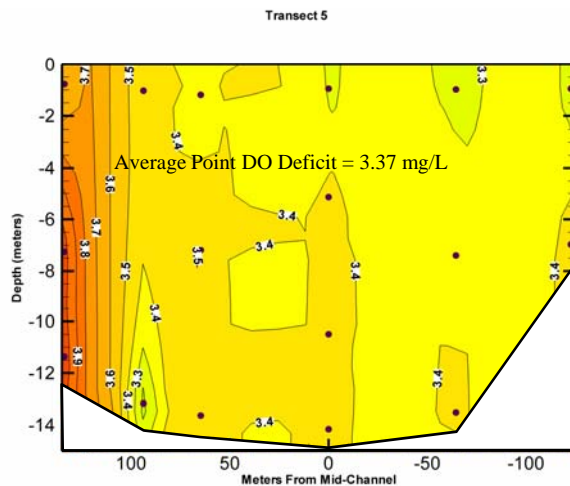
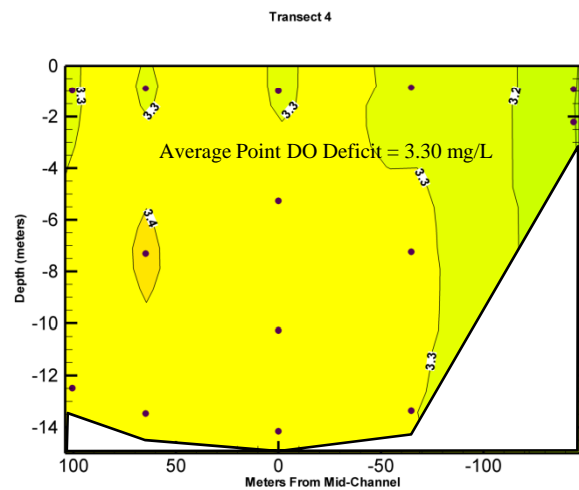
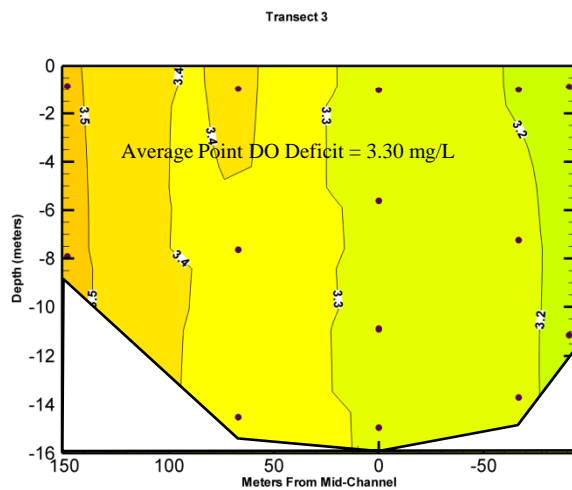
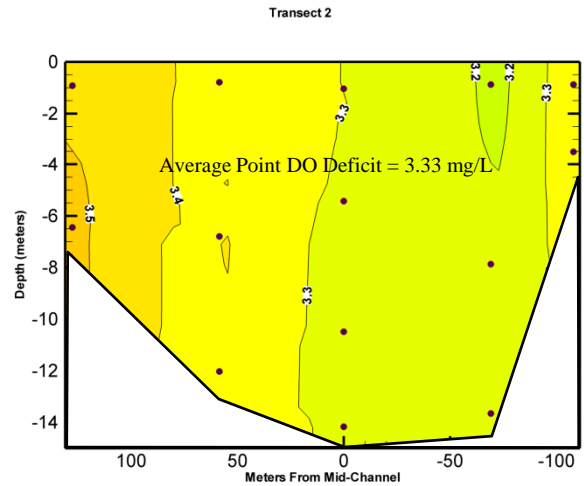
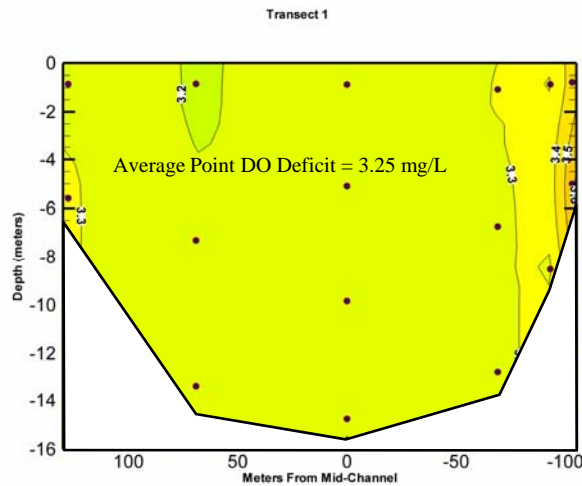
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 REOXYGENATION DEMONSTRATION
 PROJECT
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Cross-Sections
 Salinity (ppt)
 Low Tide 9/24/2007

Project Number: 6110080064

Figure: 3.40



Prepared by: [NTG 11/16/07](#)

Checked by: [JTP 11/16/07](#)

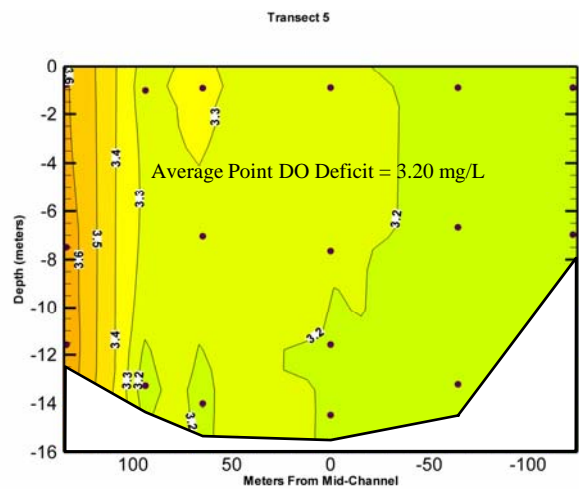
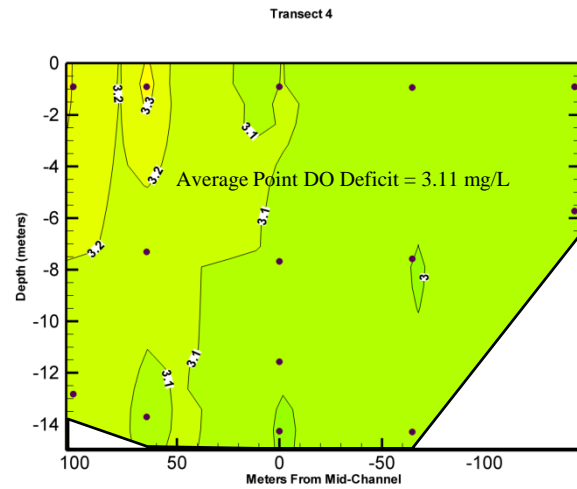
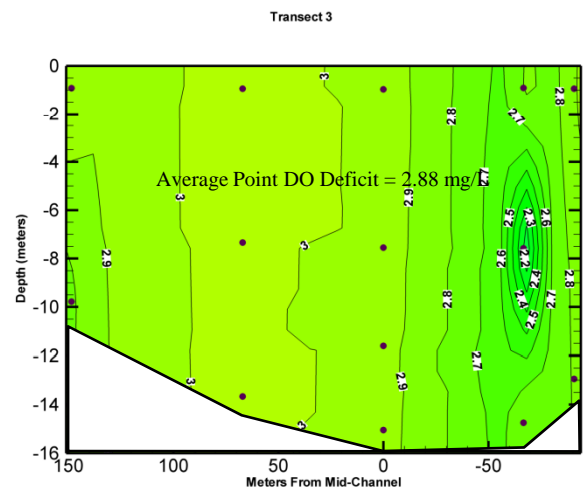
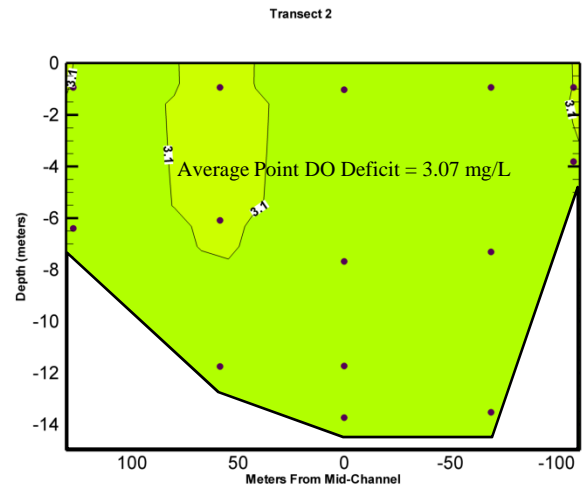
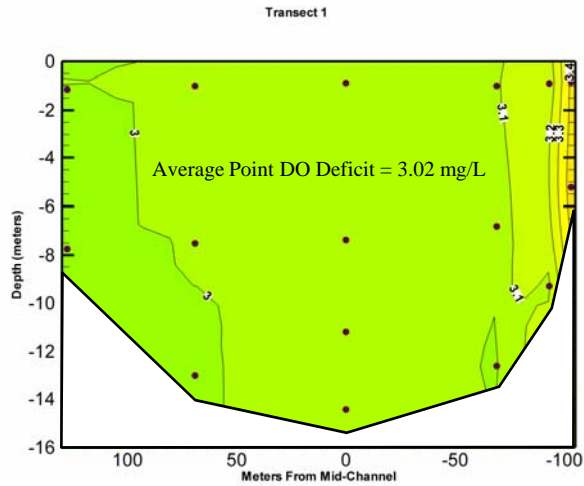
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PROJECT
GEORGIA PORTS AUTHORITY
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River Transects
DO Deficit (mg/L)
High Tide 7/17/2007

Project Number: 6110080064

Figure: 3.41



Prepared by: NTG 11/16/07
 Checked by: JTP 11/16/07

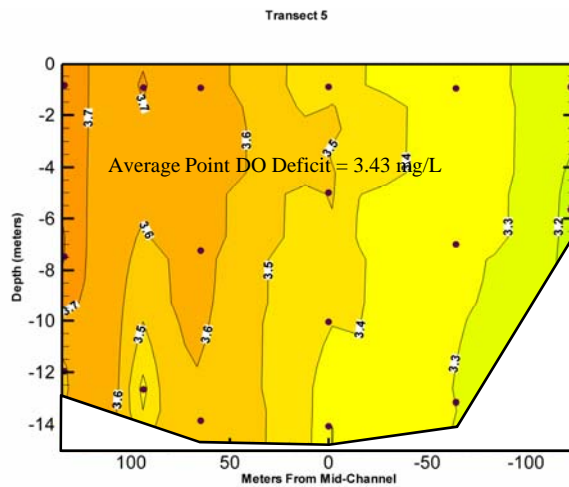
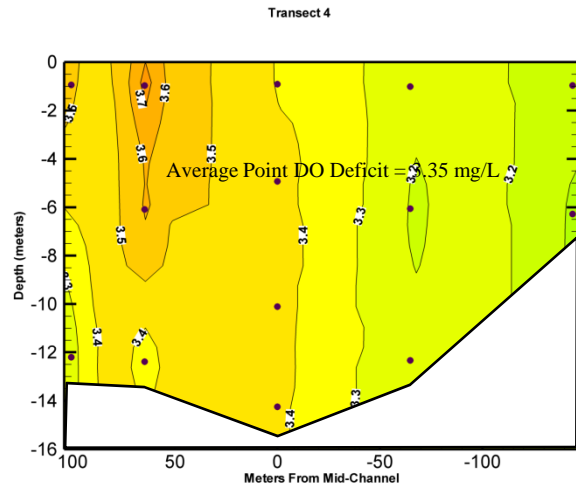
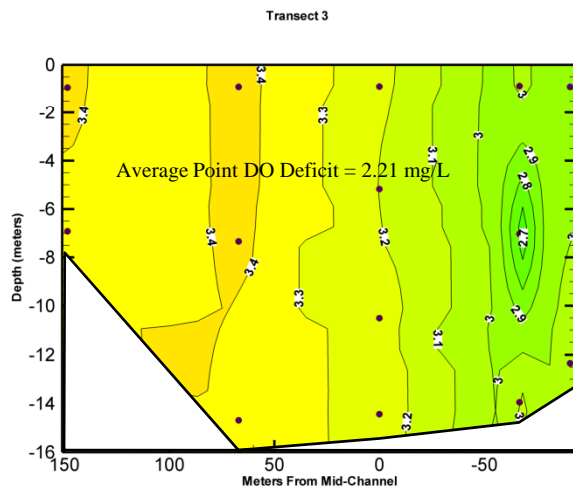
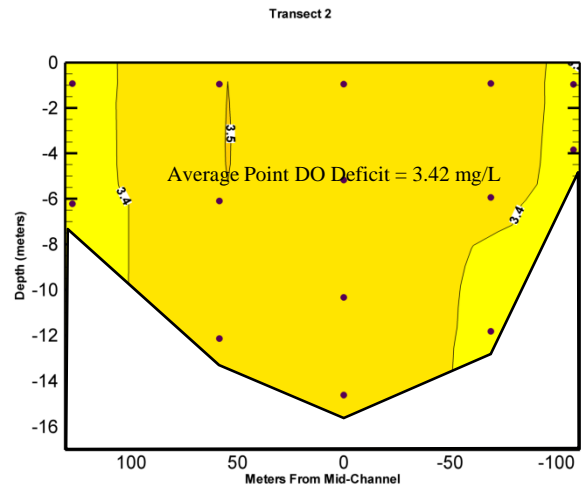
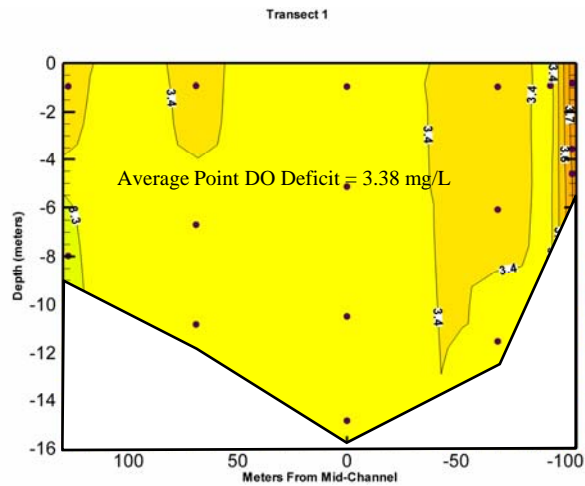
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River Transects
 DO Deficit (mg/L)
 High Tide 8/13/2007

Project Number: 6110080064

Figure: 3.42



Prepared by: NTG 11/16/07
 Checked by: JTP 11/16/07

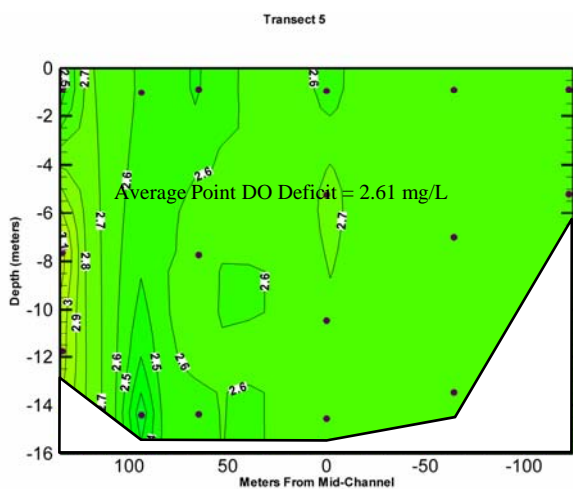
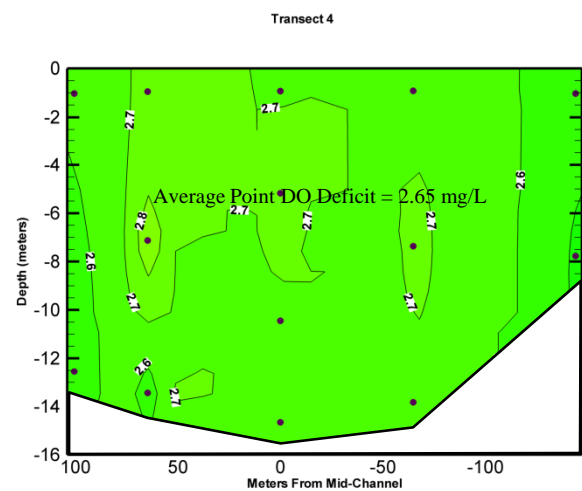
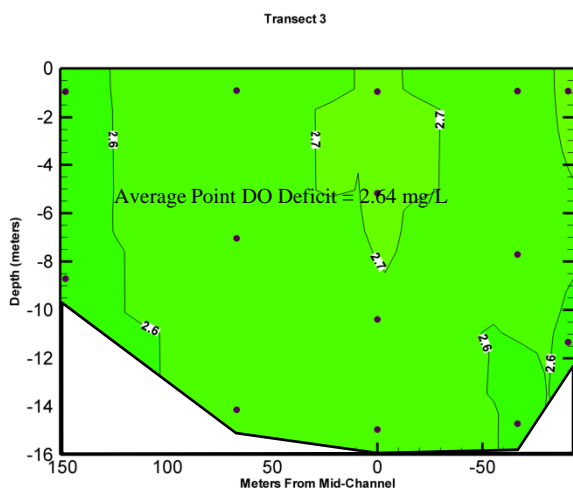
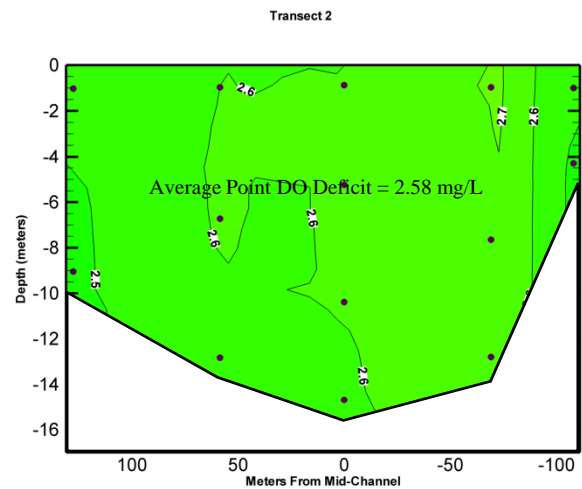
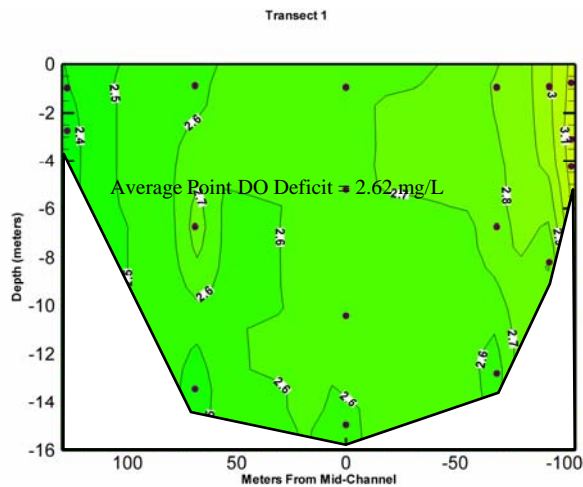
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River Transects
 DO Deficit (mg/L)
 High Tide 8/28/2007

Project Number: 6110080064

Figure: 3.43



Prepared by: NTG 11/16/07
 Checked by: JTP 11/16/07

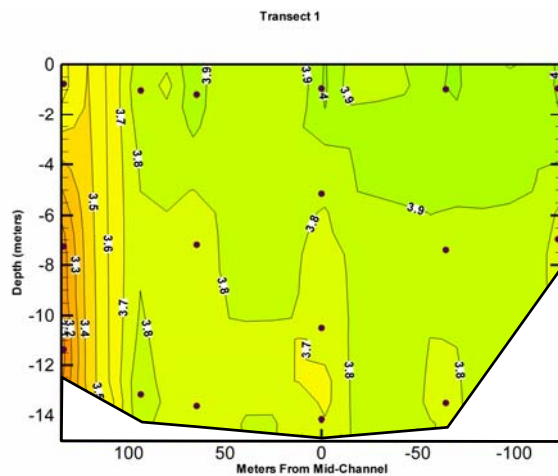
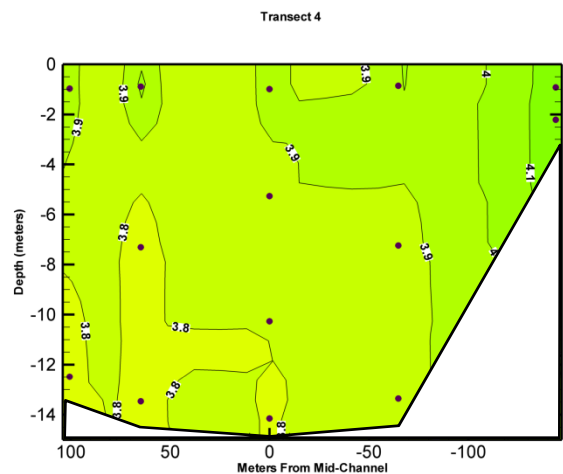
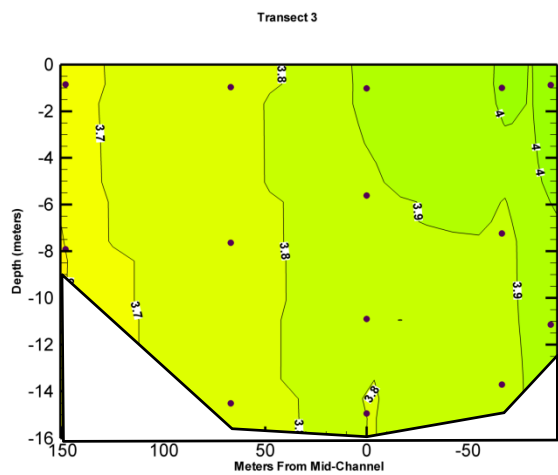
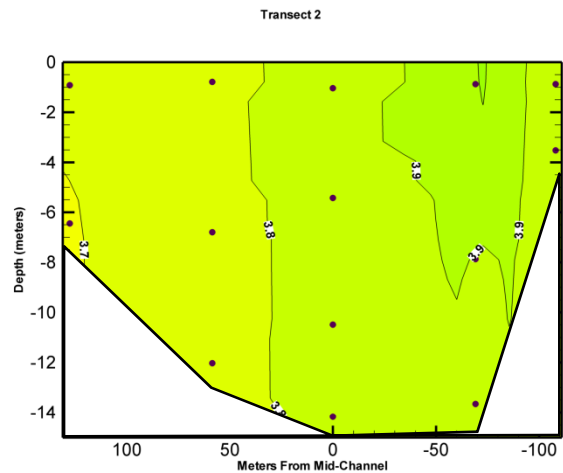
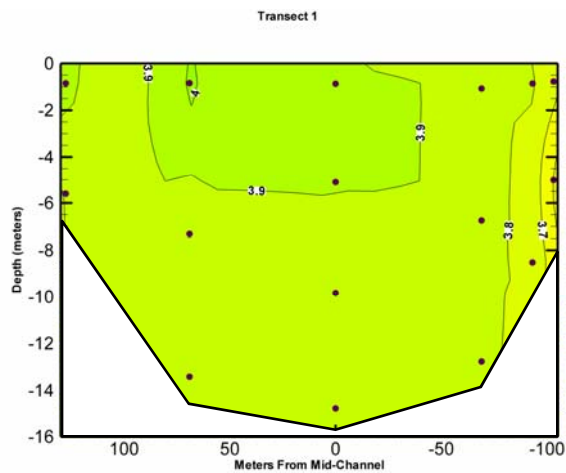
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River Transects
 DO Deficit (mg/L)
 High Tide 9/18/2007

Project Number: 6110080064

Figure: 3.45



Prepared by: LRP 8/10/09
 Checked by: TRK 8/10/09

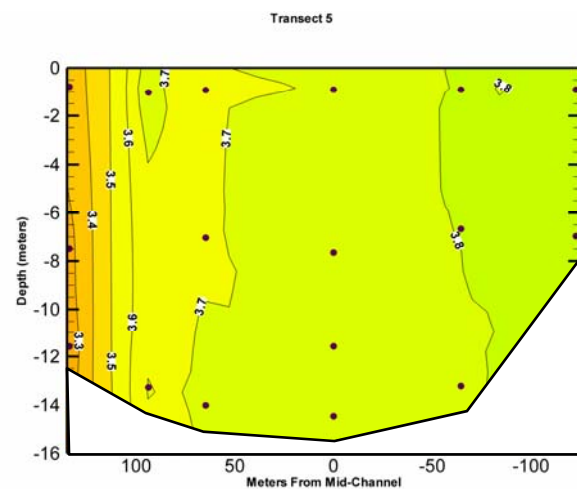
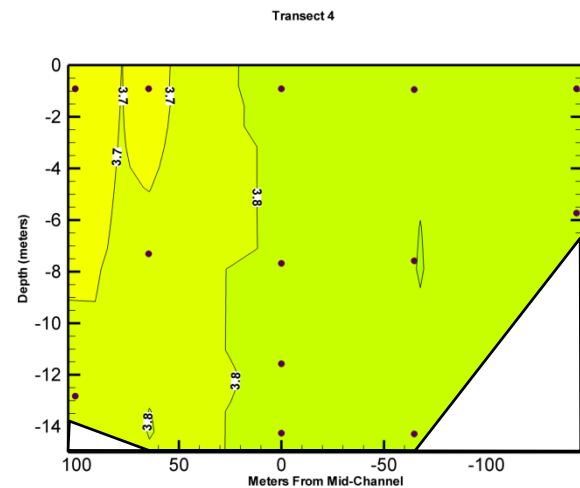
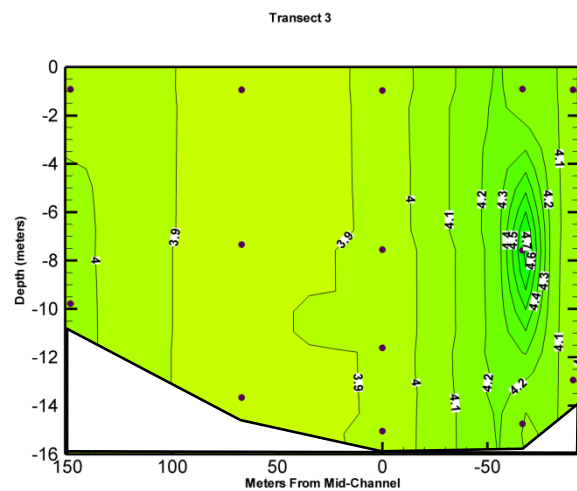
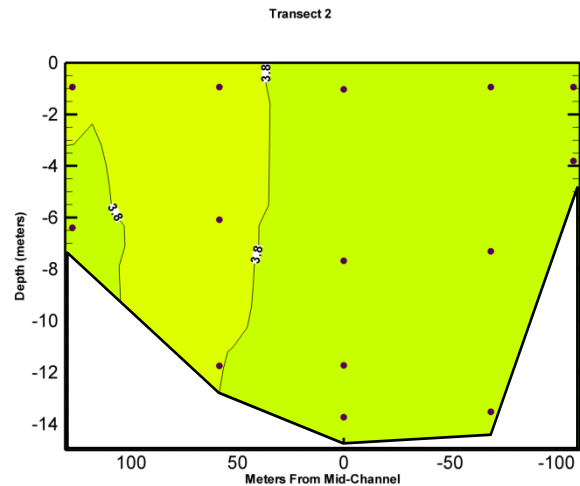
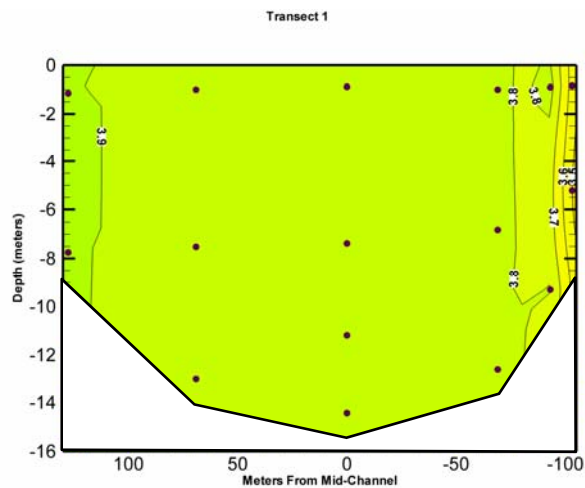
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 SAVANNAH, GEORGIA



Cross-Sections
 DO Concentration (mg/L)
 High Tide 7/17/2007

Project Number: 6110080064

Figure: 3.46



Prepared by: LRP 8/10/09
 Checked by: TRK 8/10/09

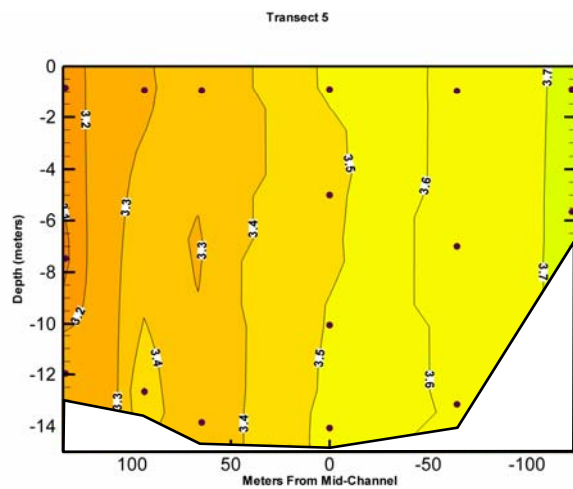
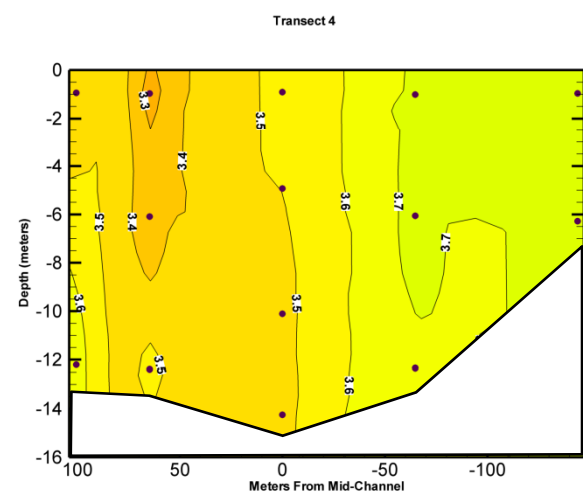
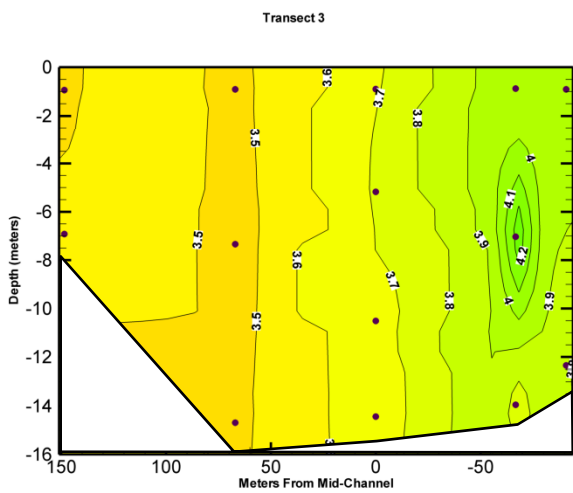
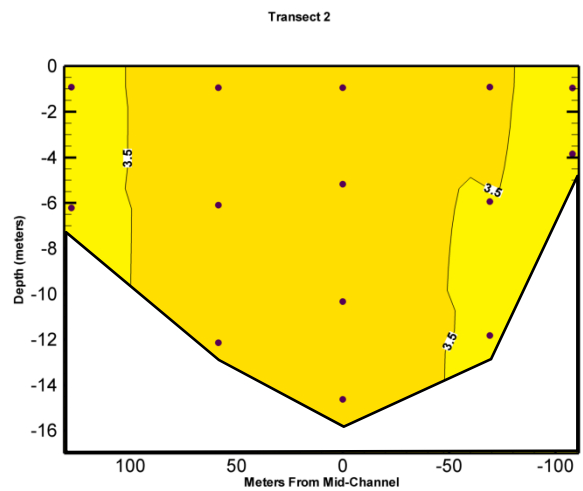
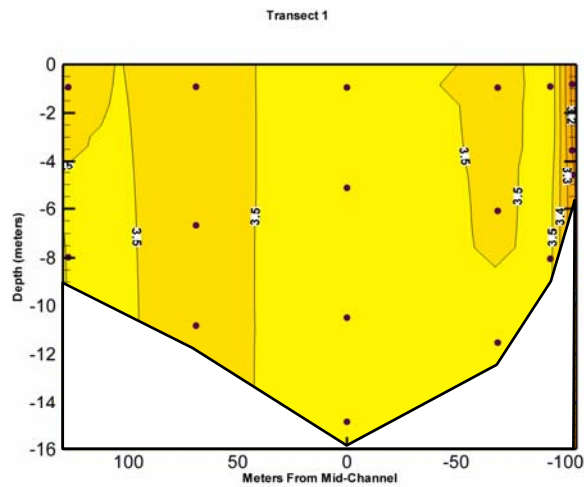
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 **MACTEC**

Cross-Sections
 DO Concentration (mg/L)
 High Tide 8/13/2007

Project Number: 6110080064

Figure: 3.47



Prepared by: LRP 8/10/09

Checked by: TRK 8/10/09

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Figure: 3.48