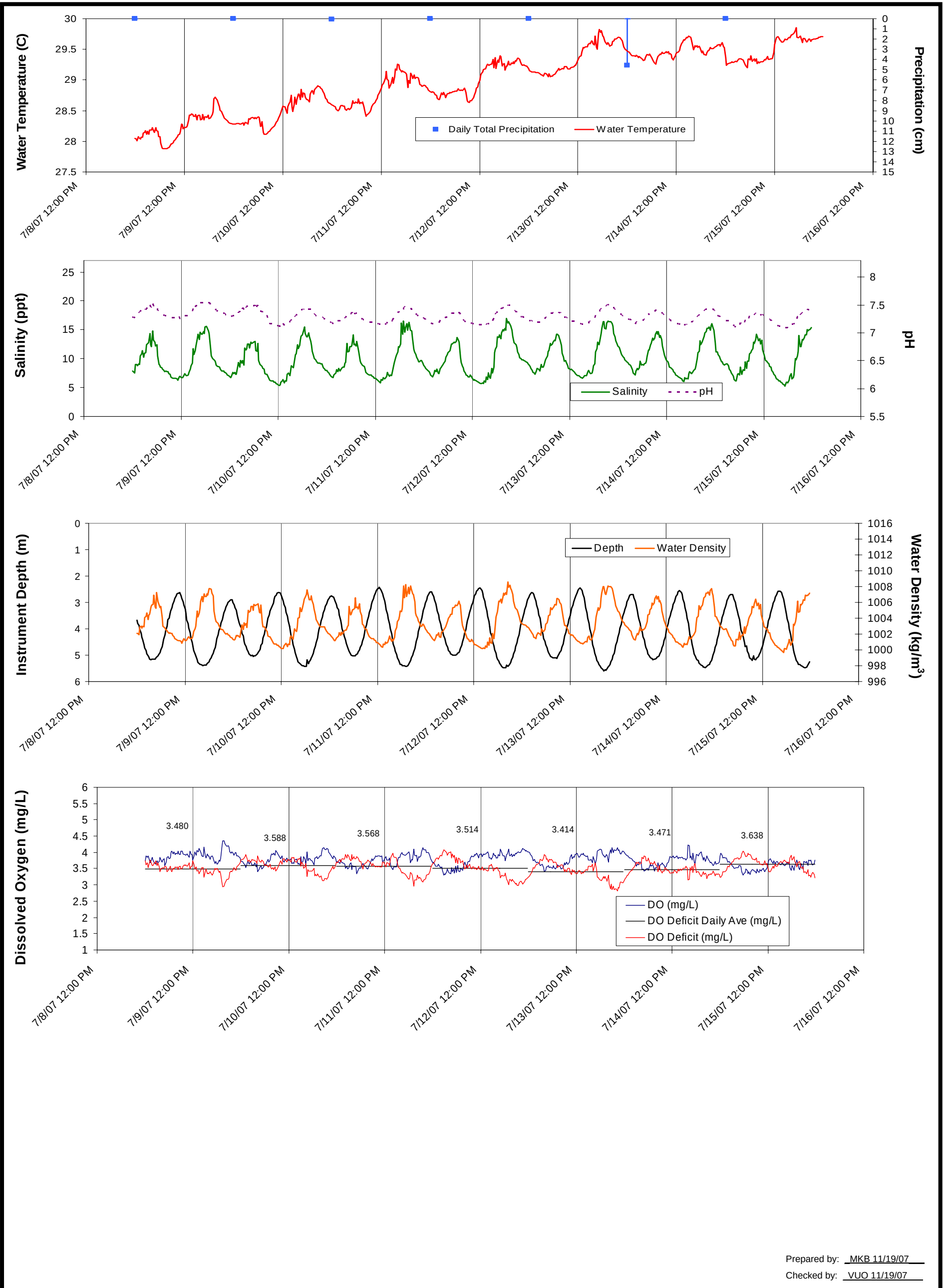
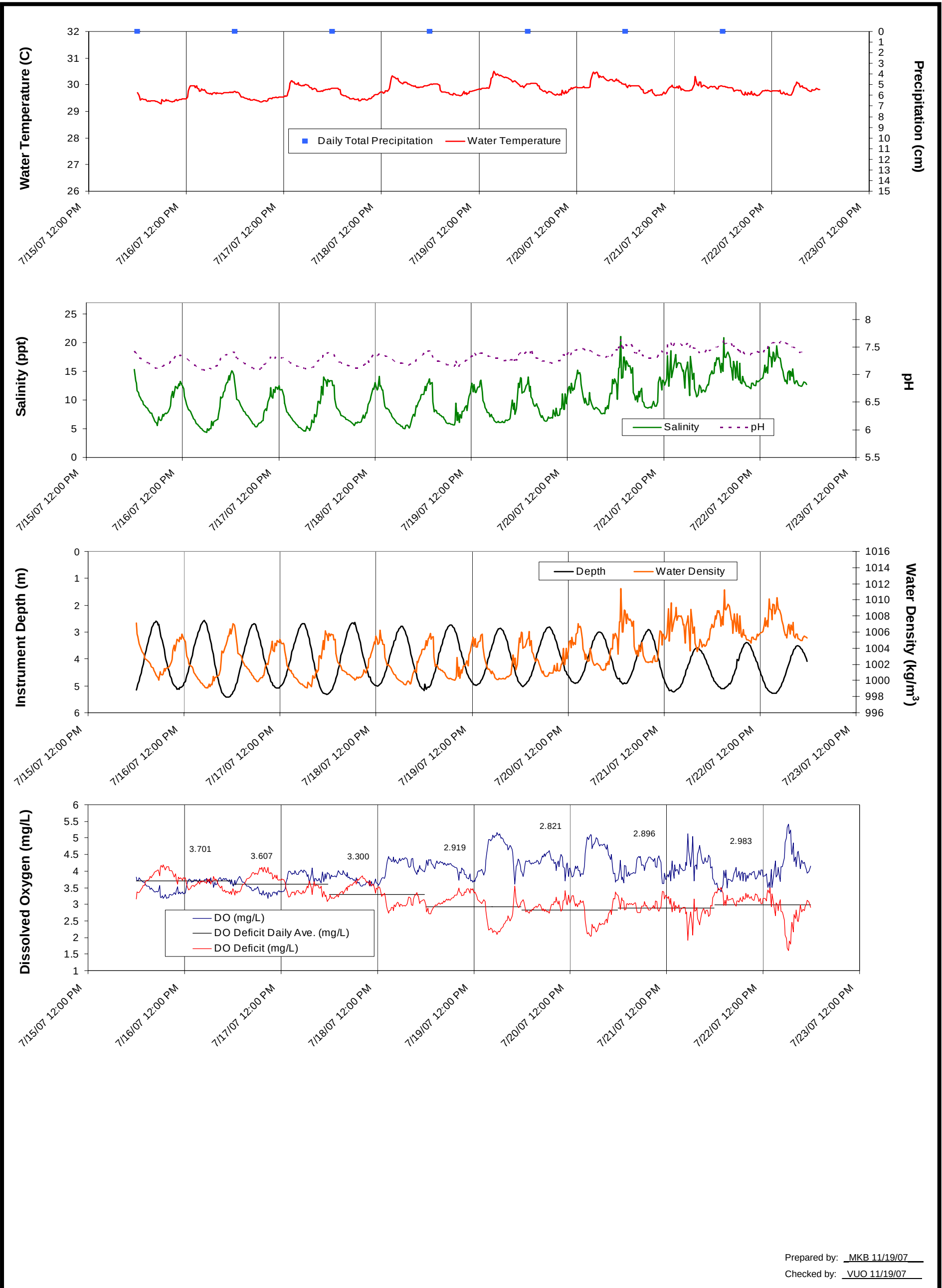




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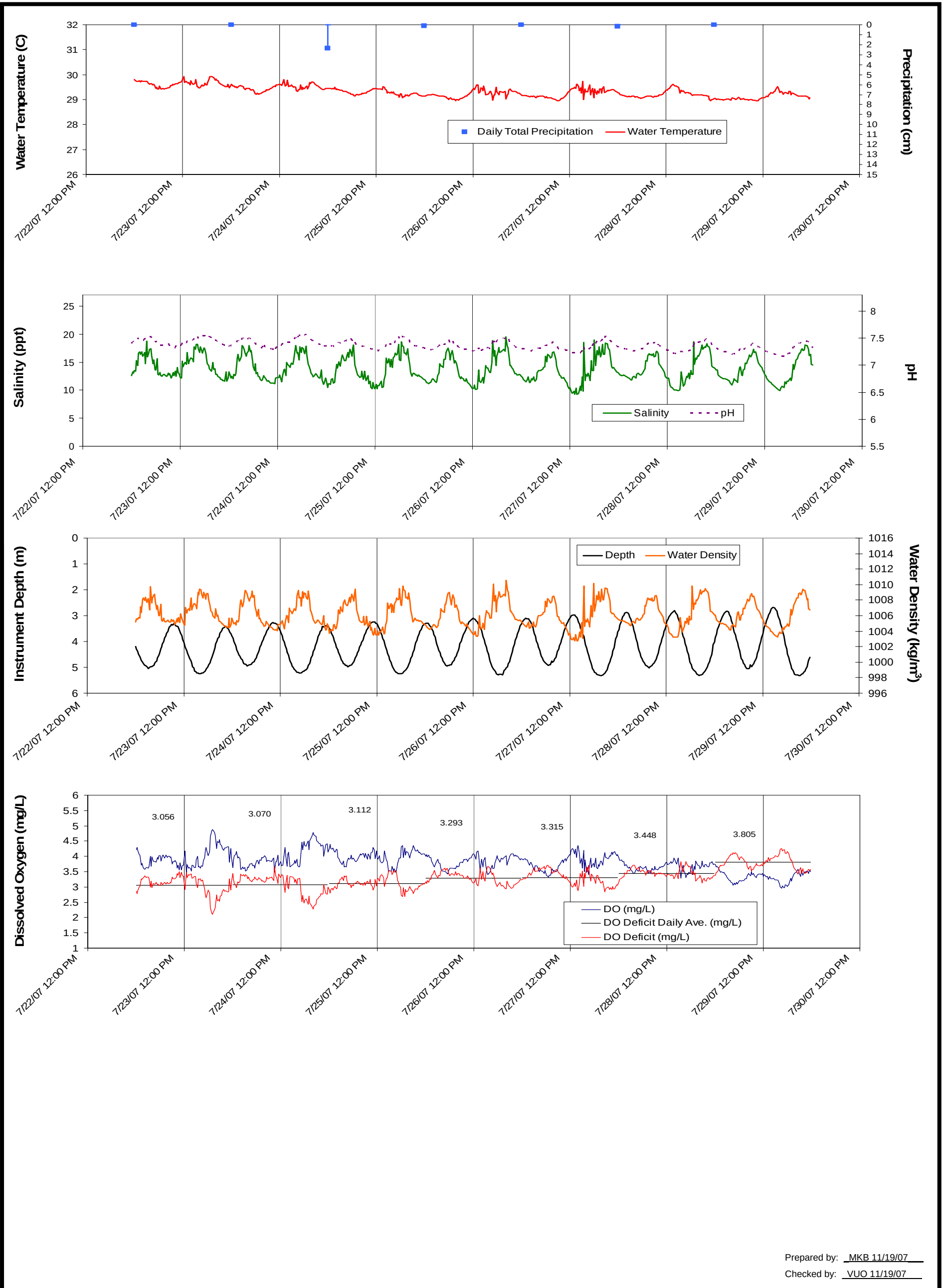
Continuous Monitoring Station
USACE Dock- Deep Zone
July 9 – 15, 2007



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REOXYGENATION DEMONSTRATION
PROJECT**
GEORGIA PORTS AUTHORITY
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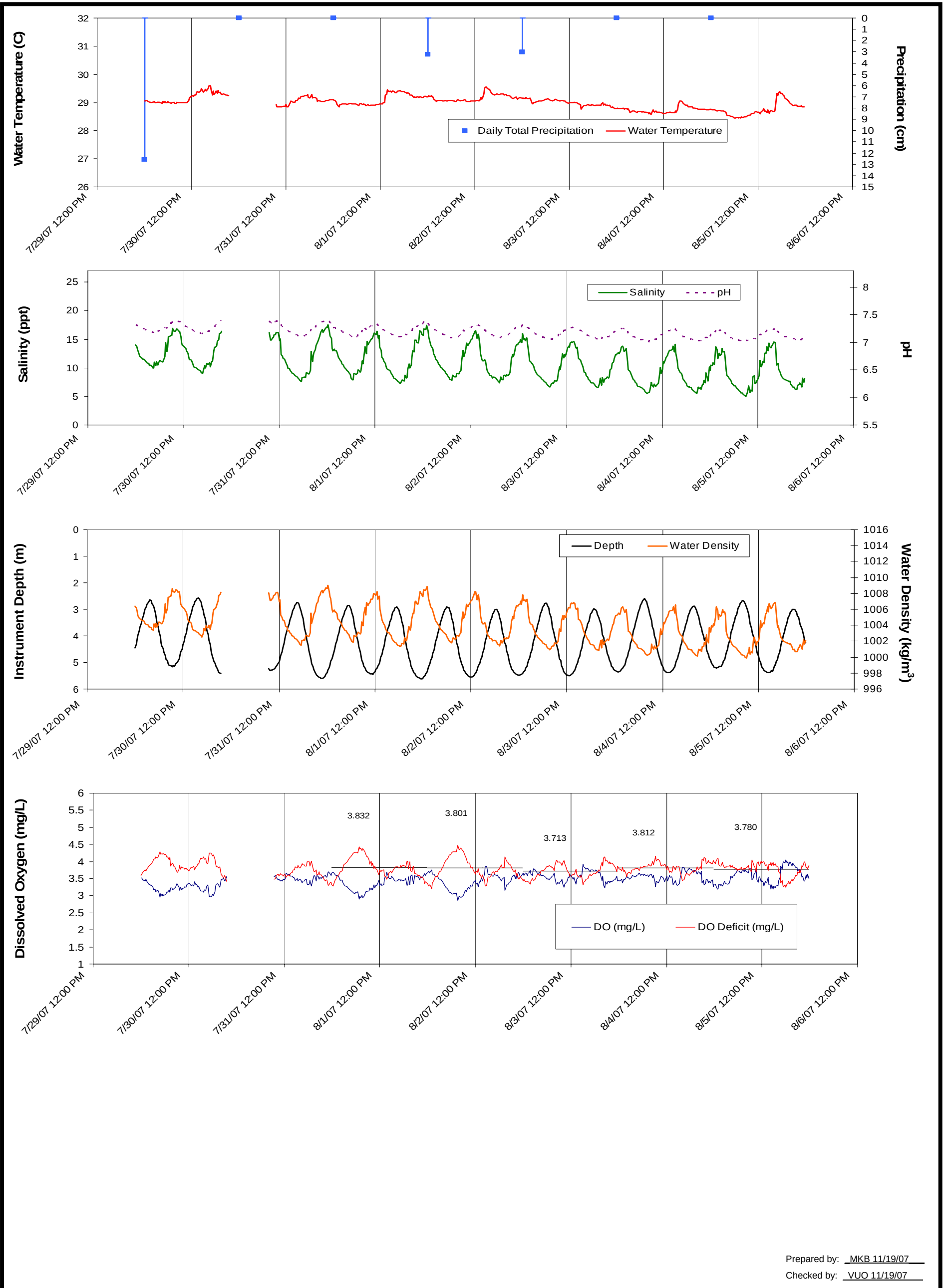
**Continuous Monitoring Station
USACE Dock- Deep Zone
July 16 – 22, 2007**



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PROJECT
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SAVANNAH, GEORGIA



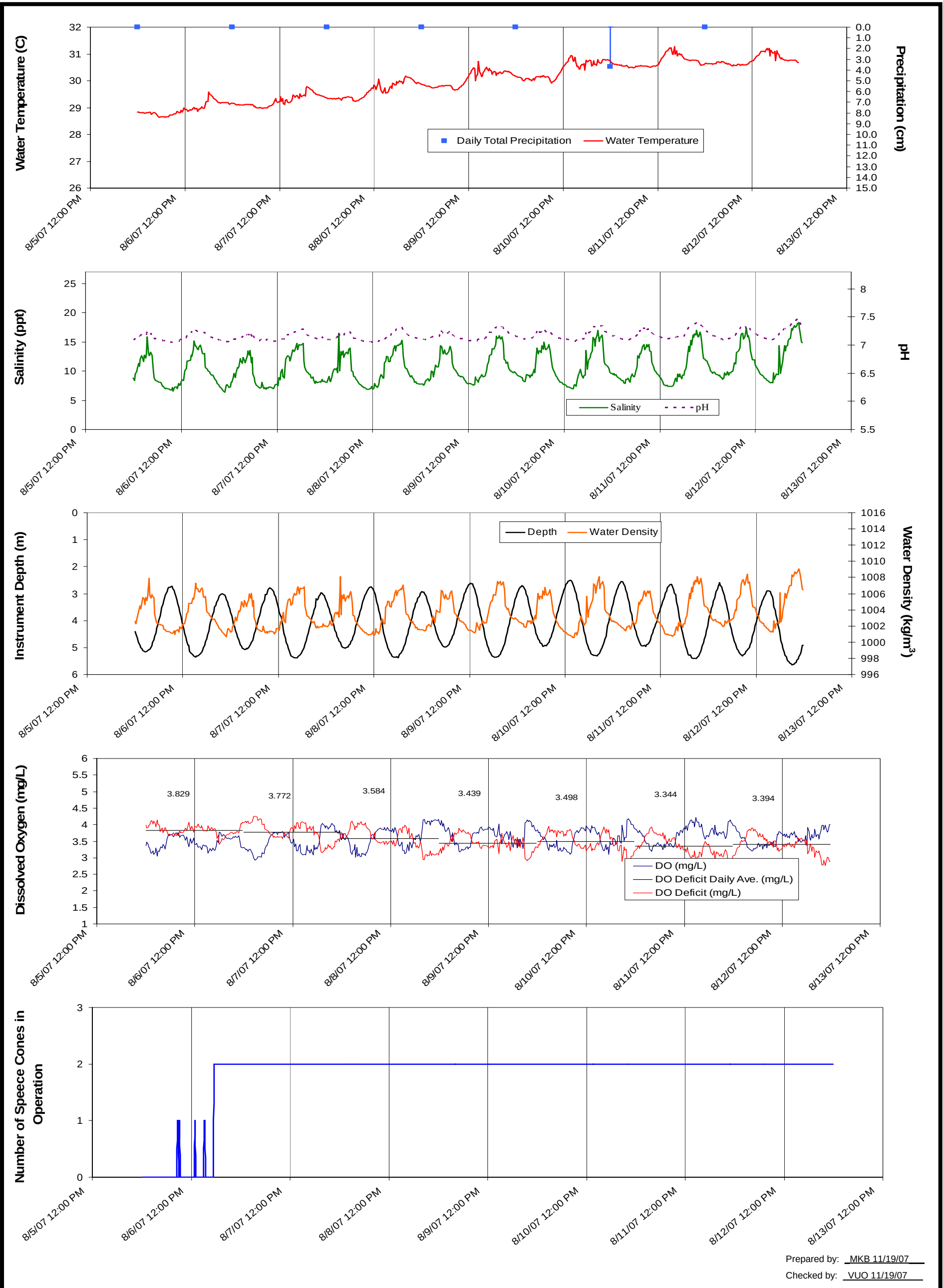
Continuous Monitoring Station
USACE Dock- Deep Zone
July 23 – 29, 2007



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GEORGIA PORTS AUTHORITY
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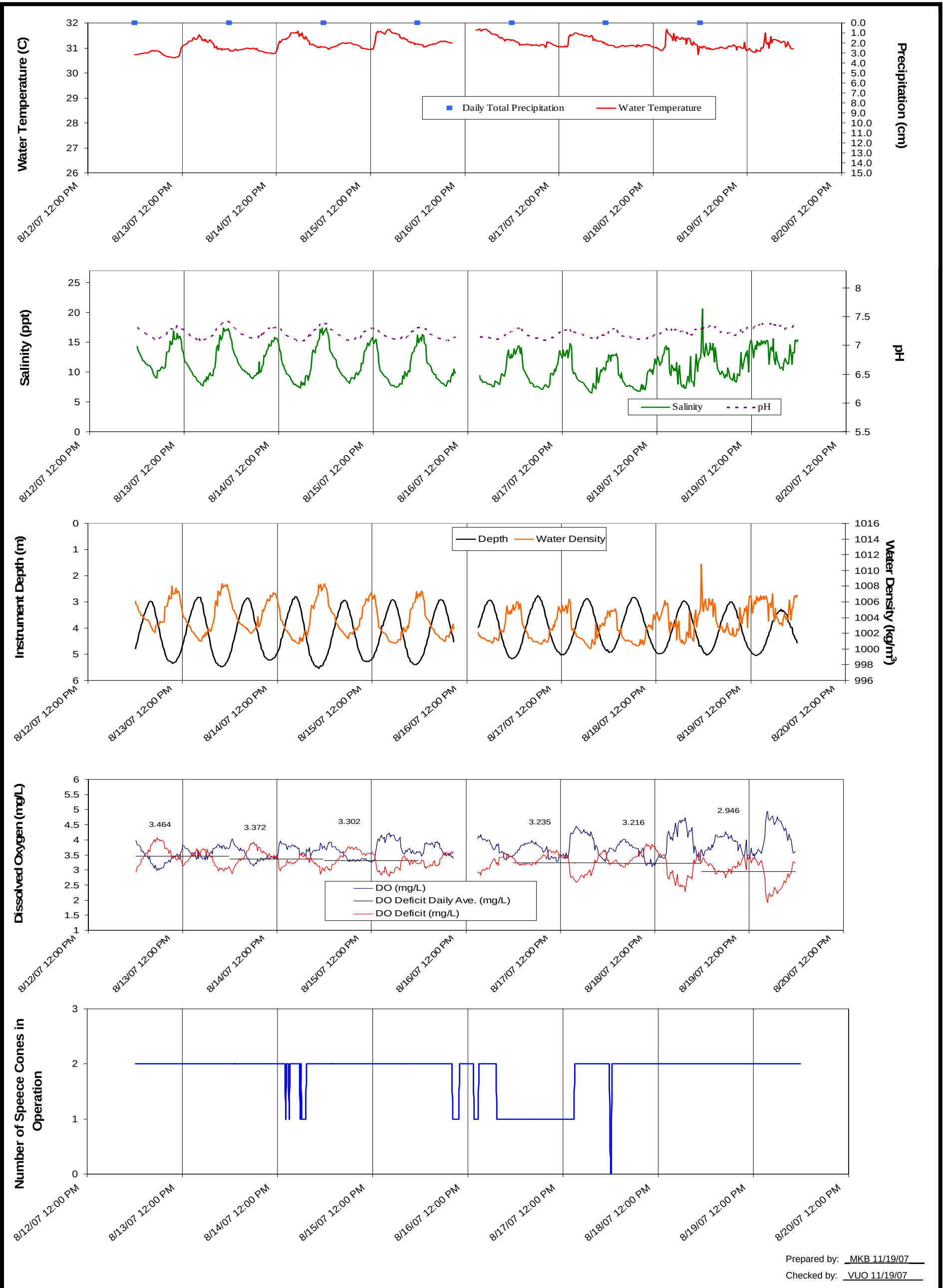
**Continuous Monitoring Station
USACE Dock- Deep Zone
July 30 – Aug 5, 2007**



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**Continuous Monitoring Station
USACE Dock- Deep Zone
Aug 6 - 12, 2007**

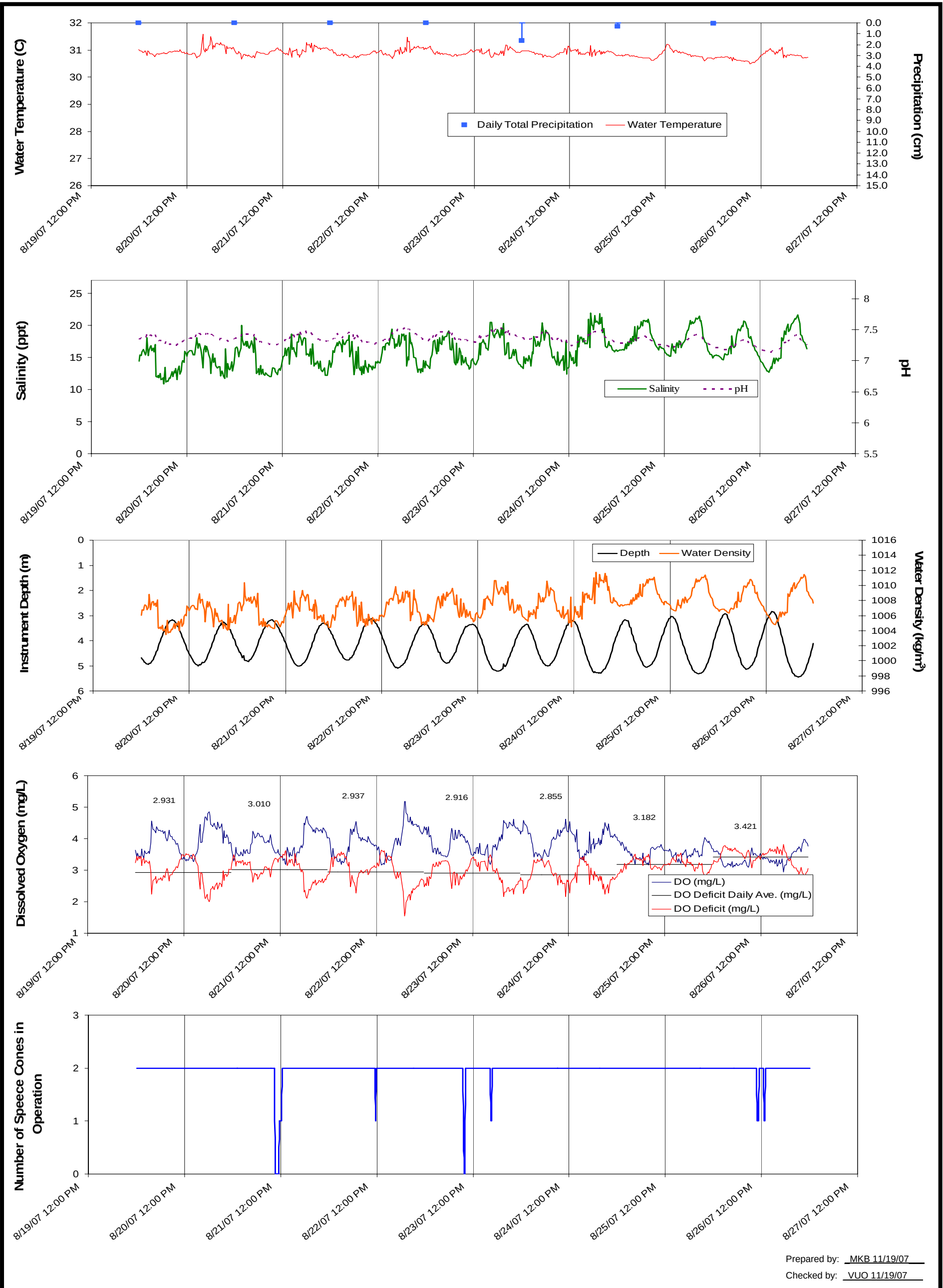


Prepared by: MKB 11/19/07
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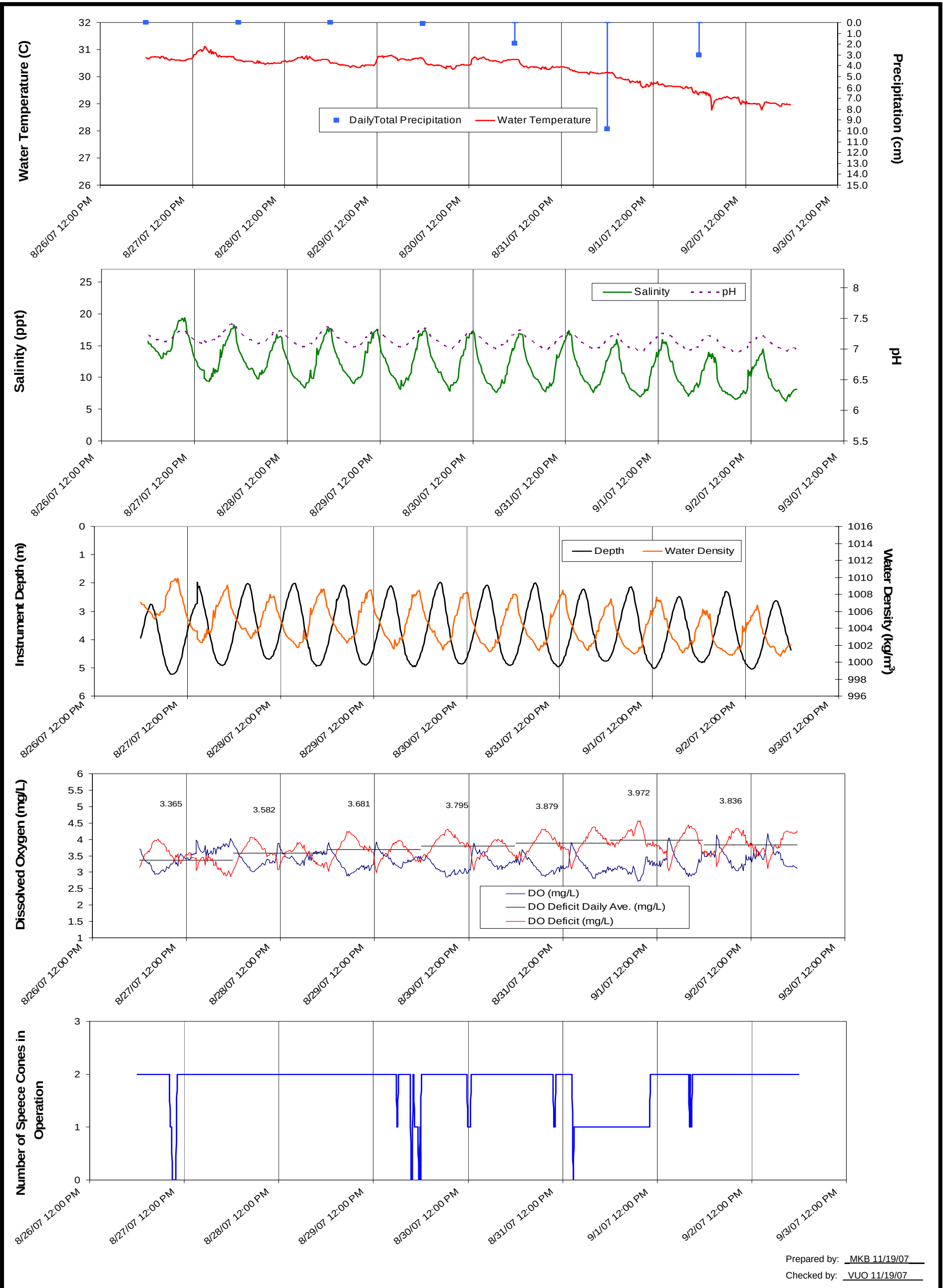
**Continuous Monitoring Station
USACE Dock- Deep Zone
Aug 13 - 19, 2007**



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Continuous Monitoring Station
USACE Dock- Deep Zone
Aug 20 - 26, 2007

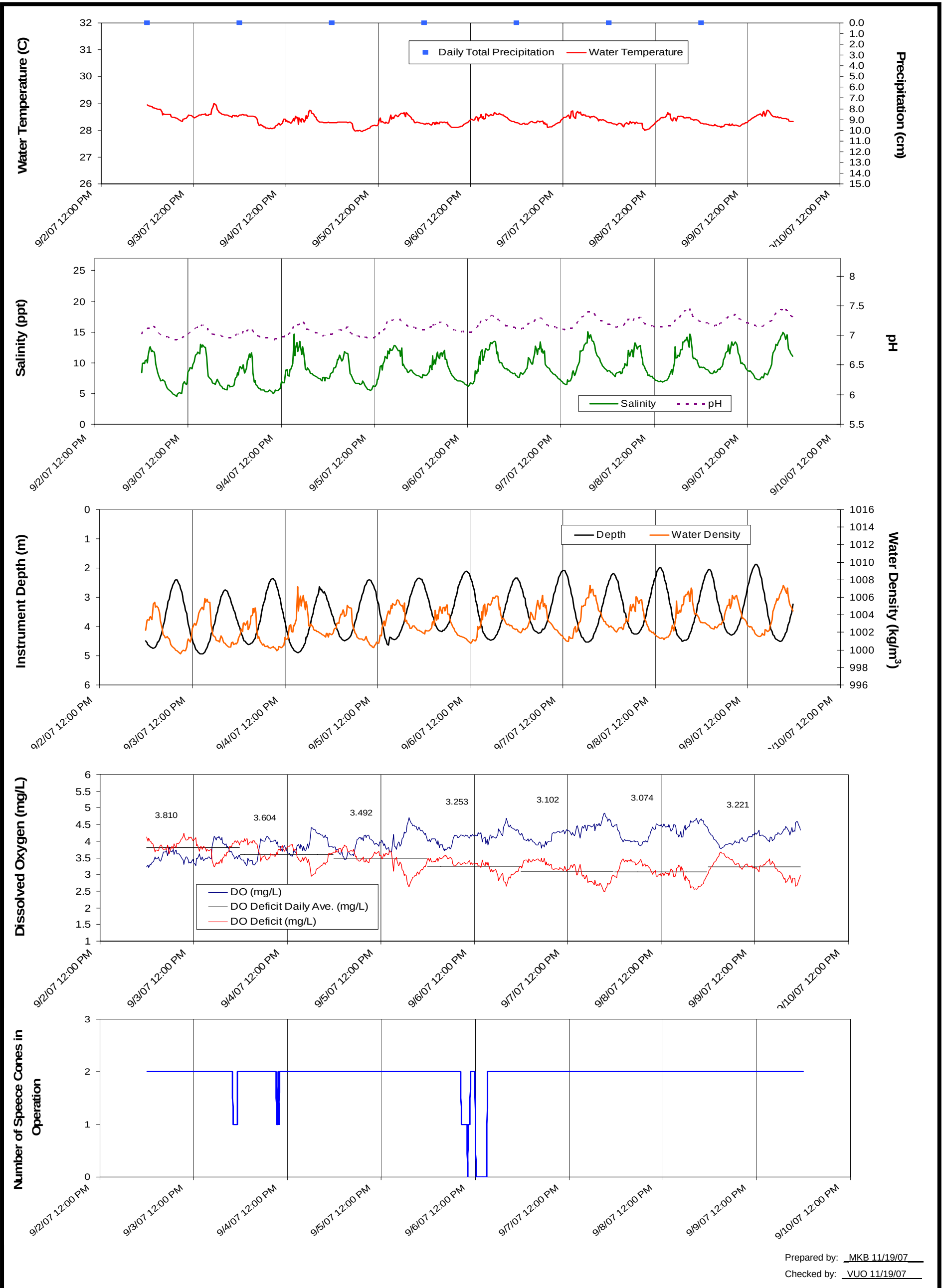


Prepared by: MKB 11/19/07
Checked by: VUO 11/19/07

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REOXYGENATION DEMONSTRATION
PROJECT**
GEORGIA PORTS AUTHORITY
SAVANNAH, GEORGIA



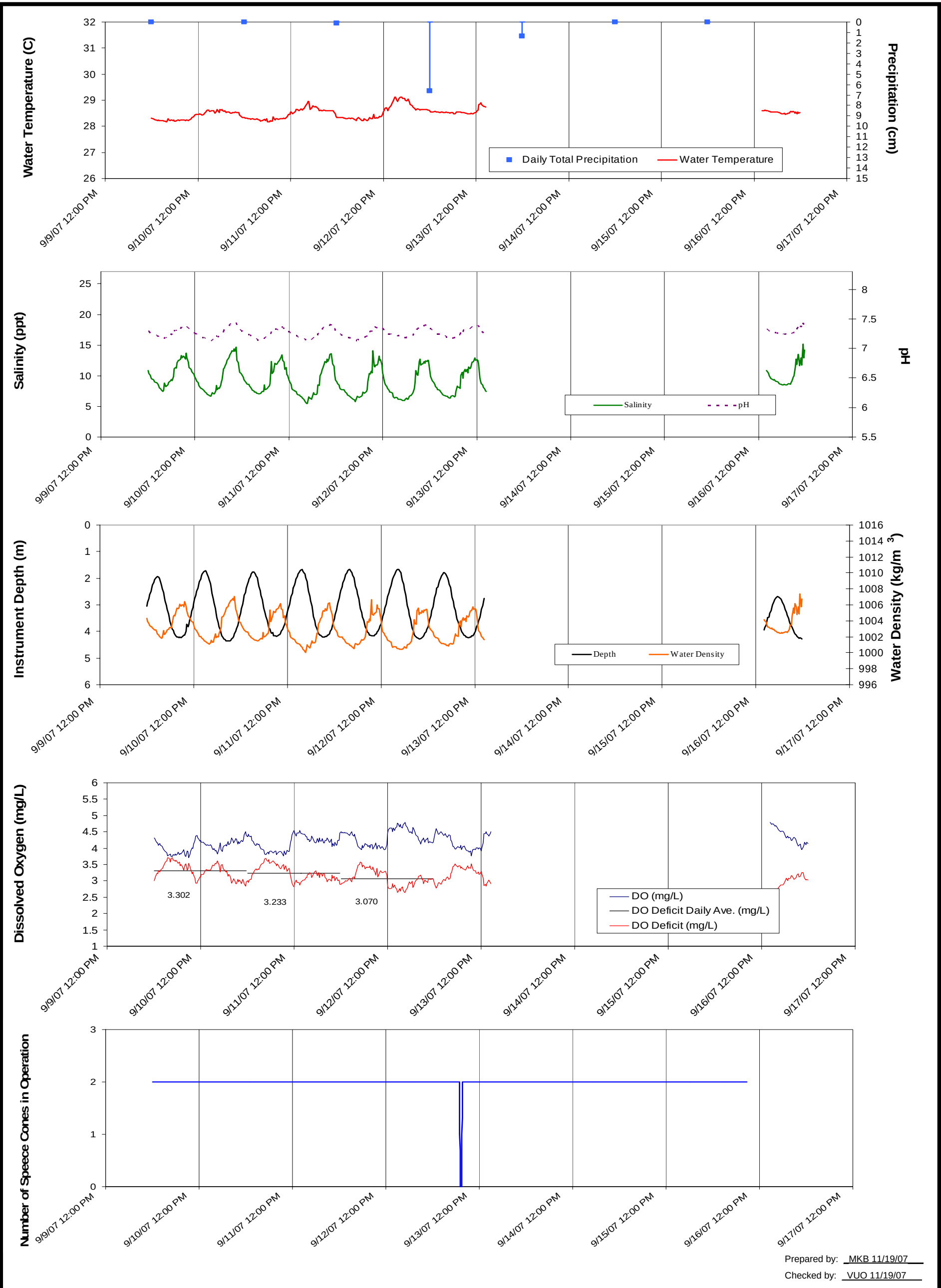
**Continuous Monitoring Station
USACE Dock- Deep Zone
Aug 27 – Sep 2, 2007**



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PROJECT**
GEORGIA PORTS AUTHORITY
SAVANNAH, GEORGIA



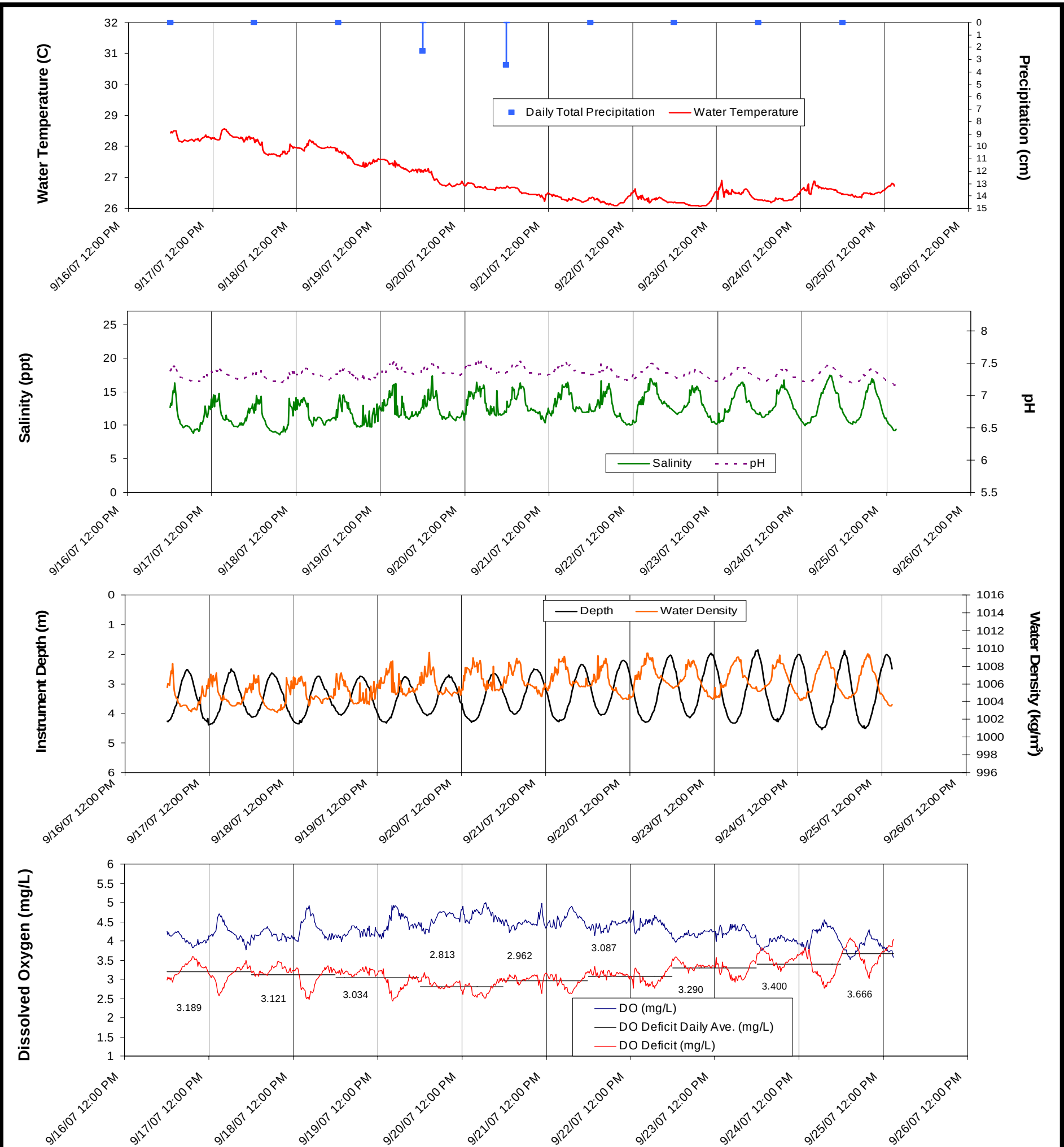
**Continuous Monitoring Station
USACE Dock- Deep Zone
Sep 3 – 9, 2007**



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PROJECT
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SAVANNAH, GEORGIA



Continuous Monitoring Station
USACE Dock- Deep Zone
Sep 10 – 16, 2007

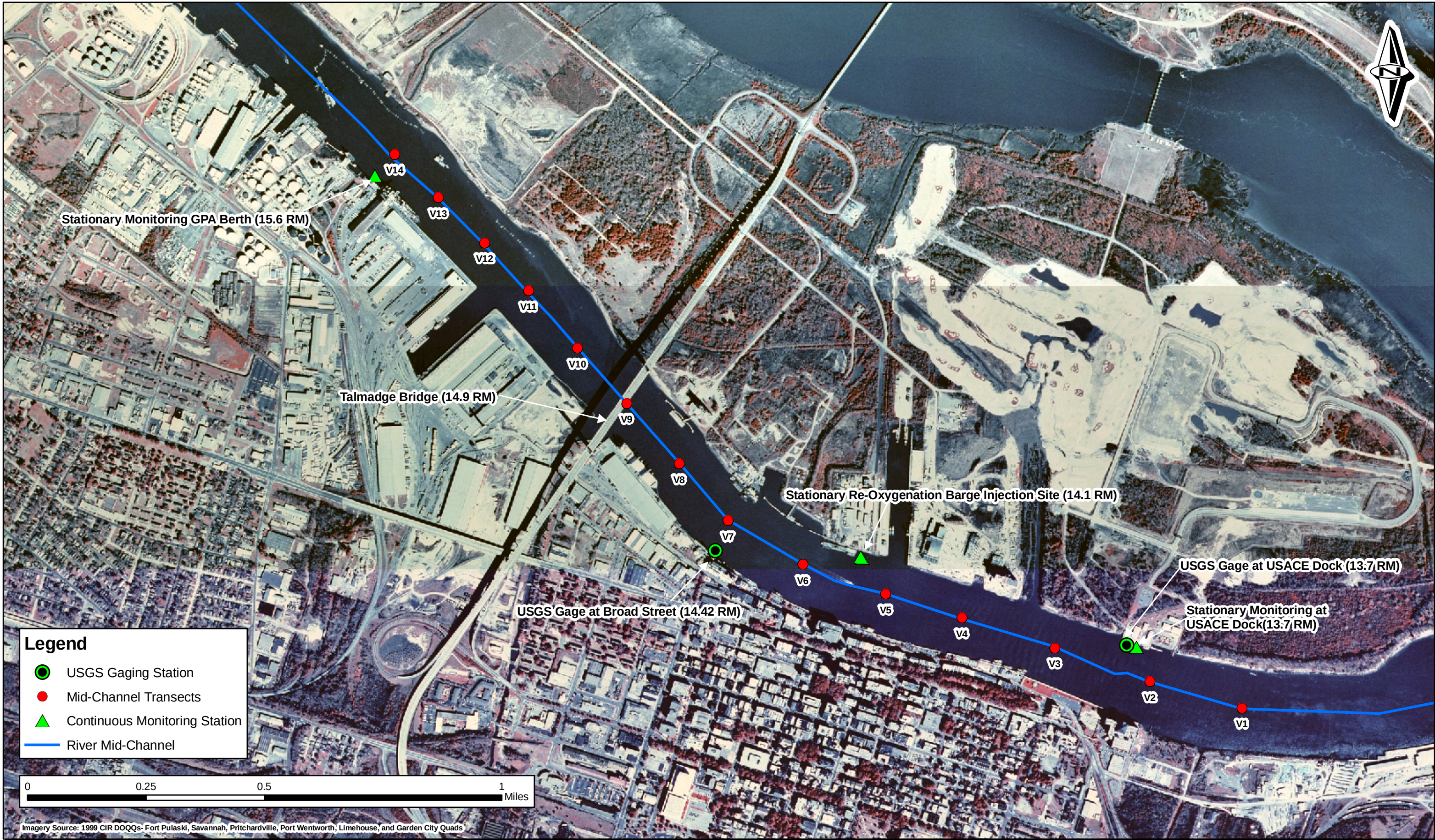


Prepared by: MKB 11/19/07
Checked by: VUO 11/19/07

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Continuous Monitoring Station
USACE Dock- Deep Zone
Sep 17 – 25, 2007



Map Document: (G:\sav_harbor\hive_operations.mxd)
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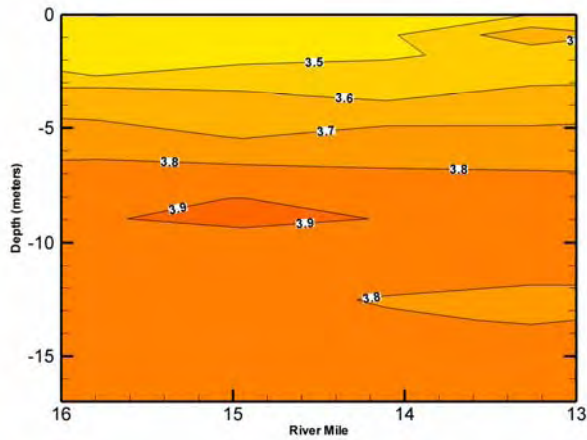
SAVANNAH HARBOR
REOXYGENATION DEMONSTRATION PROJECT
GEORGIA PORTS AUTHORITY
SAVANNAH, GEORGIA



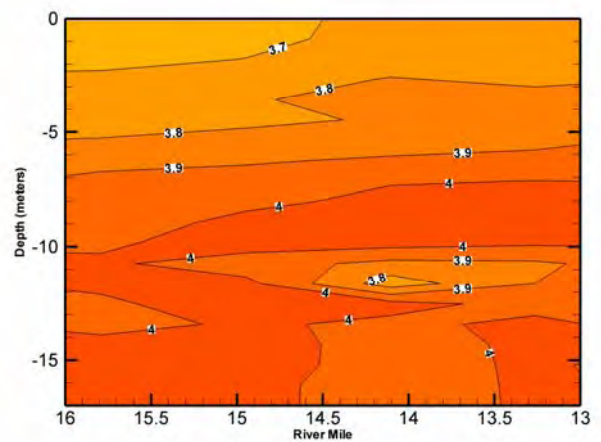
Mid-Channel Monitoring Locations

Project Number: 6110070004	Prepared by-Date: THP-10/25/07	Checked by-Date: TRK-10/26/07	Figure Number: 4-3
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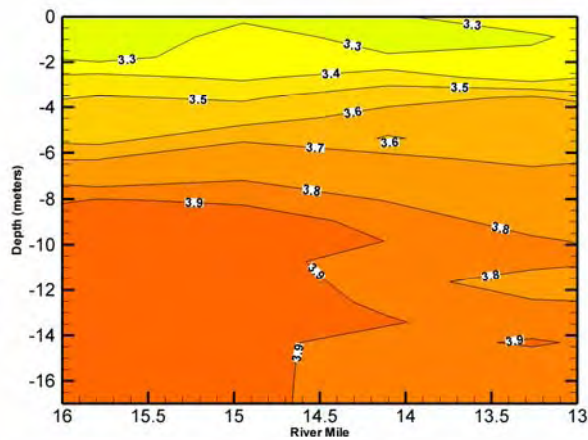
Oxygen Concentration Deficit
7/9/2007 low tide (Background)



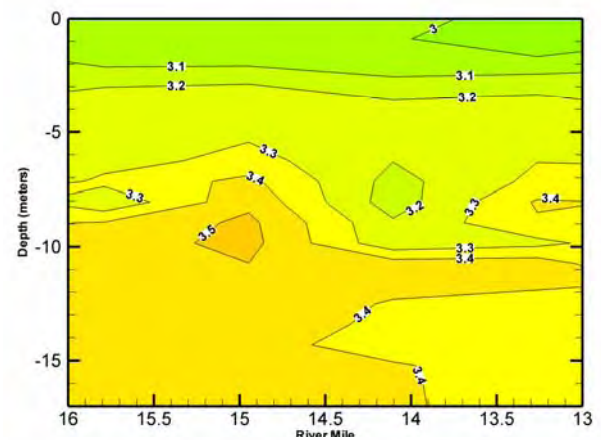
Oxygen Concentration Deficit
8/6/2007 low tide (Prior to ReOxygenation)



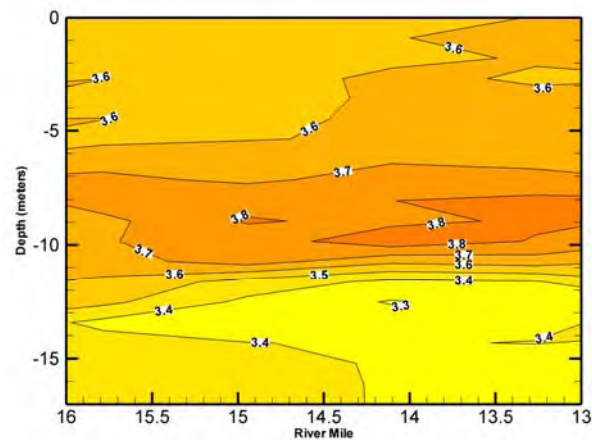
Oxygen Concentration Deficit
8/11/2007 low tide After 4 days of ReOxygenation)



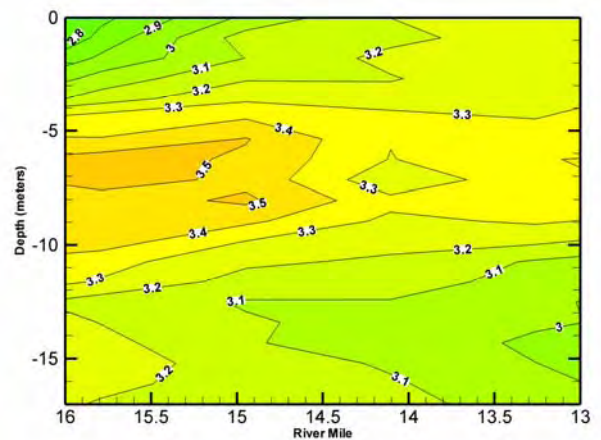
Oxygen Concentration Deficit
8/20/2007 low tide After 13 days of ReOxygenation



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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REOXYGENATION DEMONSTRATION
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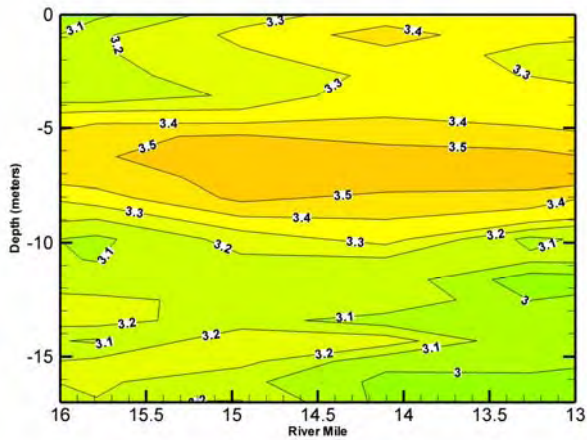


Mid-channel
DO Deficit (mg/L)
Low Tide Event

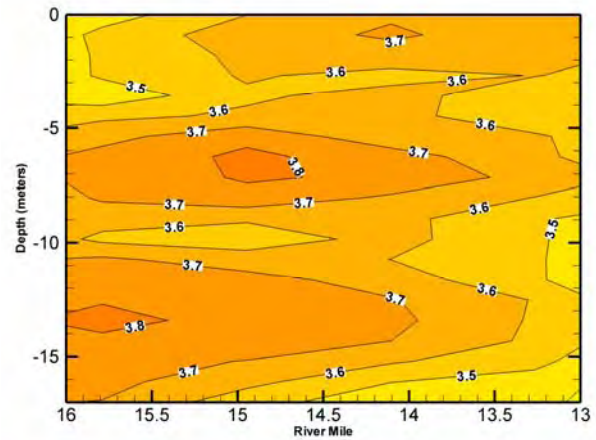
Project Number: 6110070004

Figure:4-3.1 a

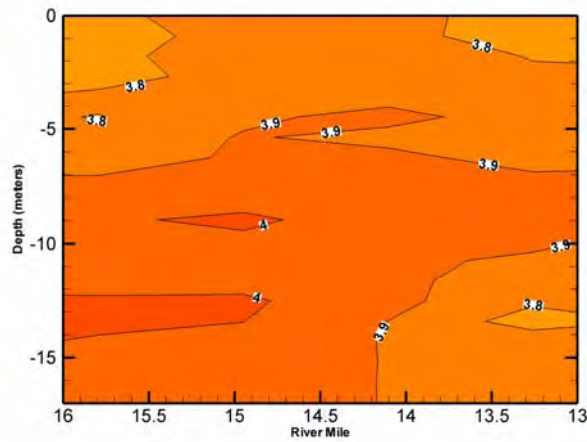
Oxygen Concentration Deficit
9/7/2007 low tide Long Run (After 31 day of ReOxygenation)



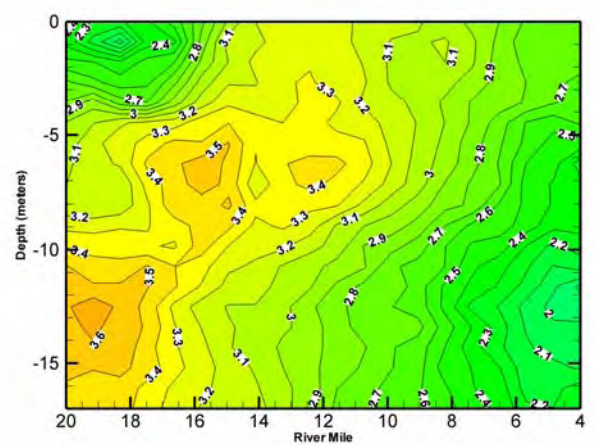
Oxygen Concentration Deficit
9/25/2007 low tide Long Run (9 days Post ReOxygenation)



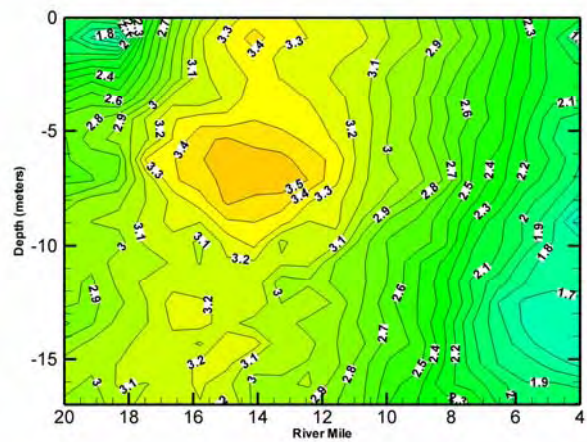
Oxygen Concentration Deficit
9/26/2007 low tide (10 days Post ReOxygenation)



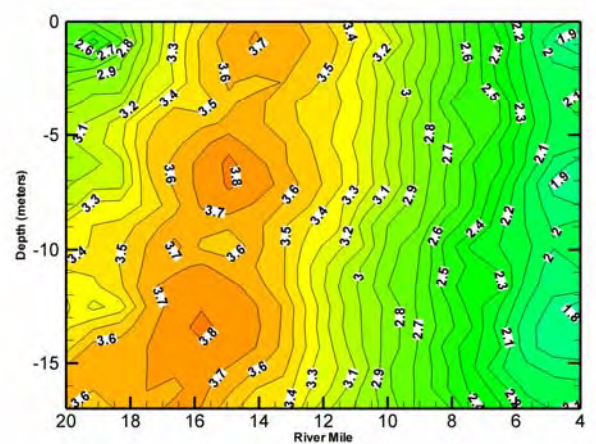
Oxygen Concentration Deficit
9/6/2007 low tide Long Run (After 30 day of ReOxygenation)



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)



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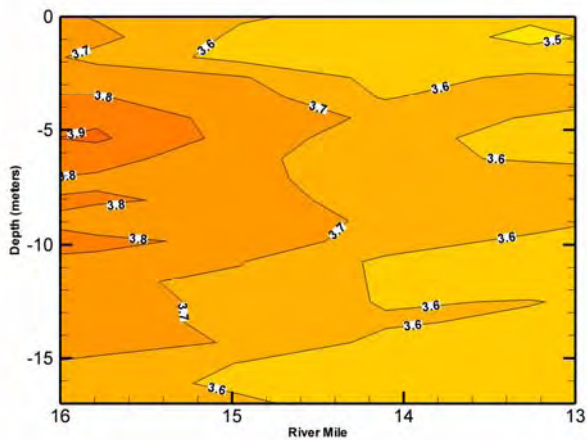


Mid-channel
DO Deficit (mg/L)
Low Tide Event

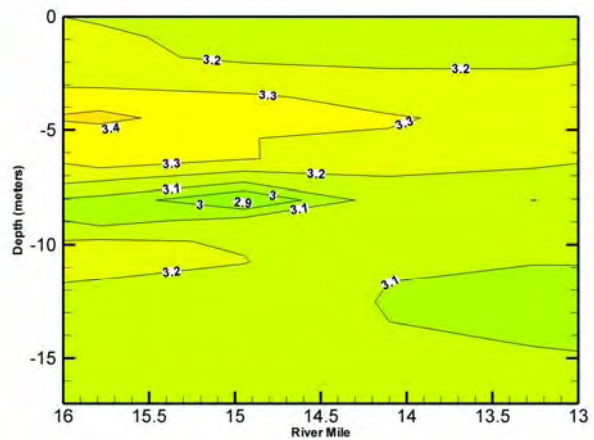
Project Number: 6110070004

Figure:4-3.1 b

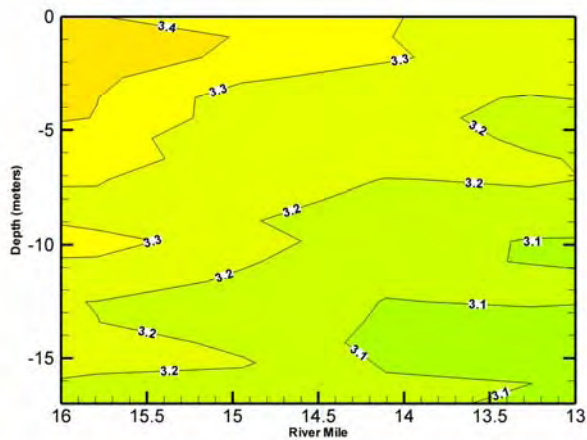
Oxygen Concentration Deficit
7/16/2007 high tide (Background)



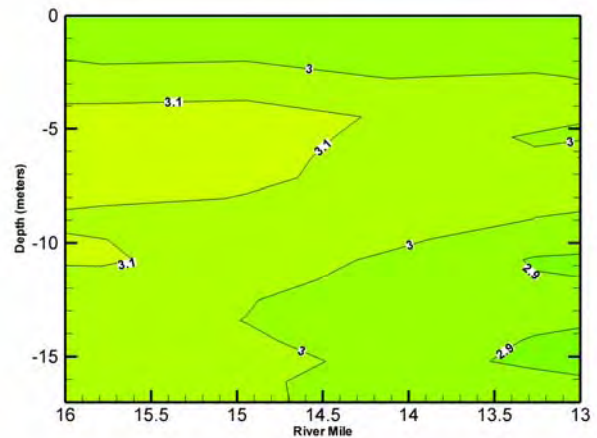
Oxygen Concentration Deficit
8/14/2007 high tide After 7 days of ReOxygenation



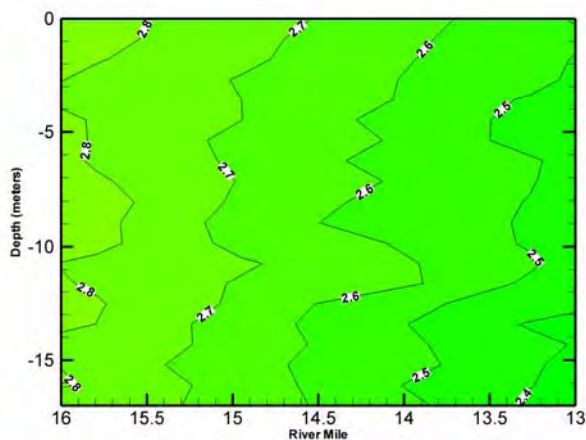
Oxygen Concentration Deficit
8/27/2007 high tide After 20 days of ReOxygenation



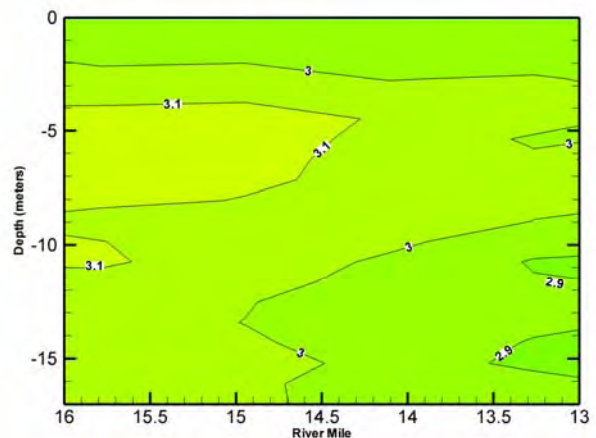
Oxygen Concentration Deficit
9/10/2007 high tide (After 34 days of ReOxygenation)



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)



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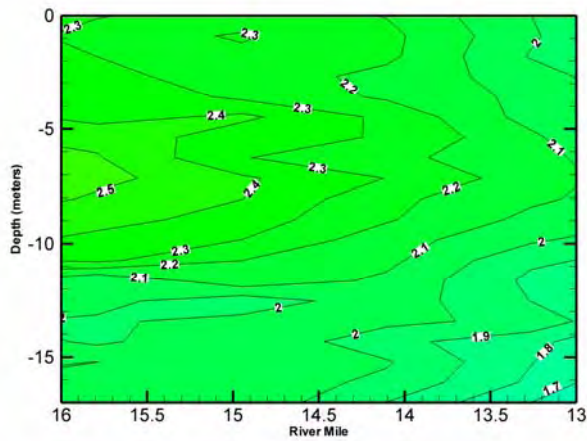


Mid-channel
DO Deficit (mg/L)
High Tide Event

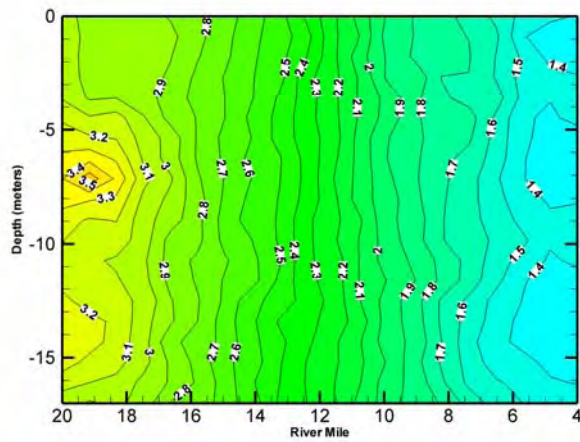
Project Number: 6110070004

Figure:4-3.1 c

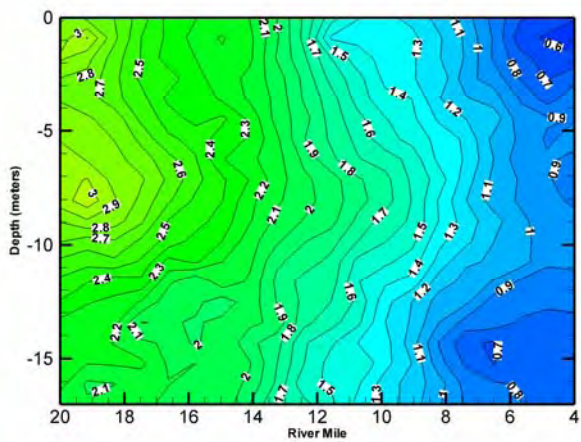
Oxygen Concentration Deficit
9/19/2007 high tide Long Run (3 days Post ReOxygenation)



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



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



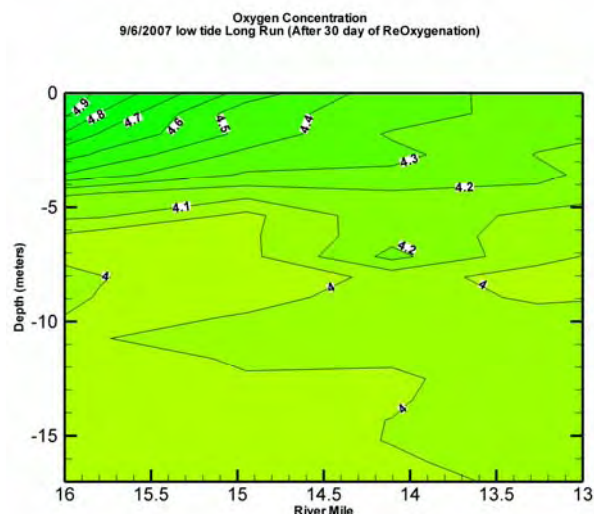
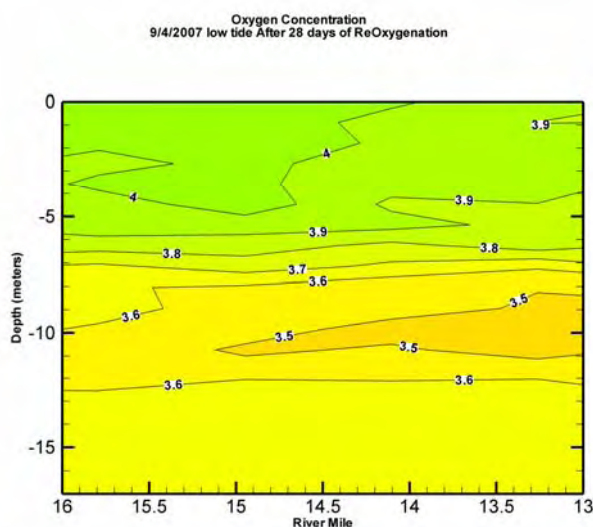
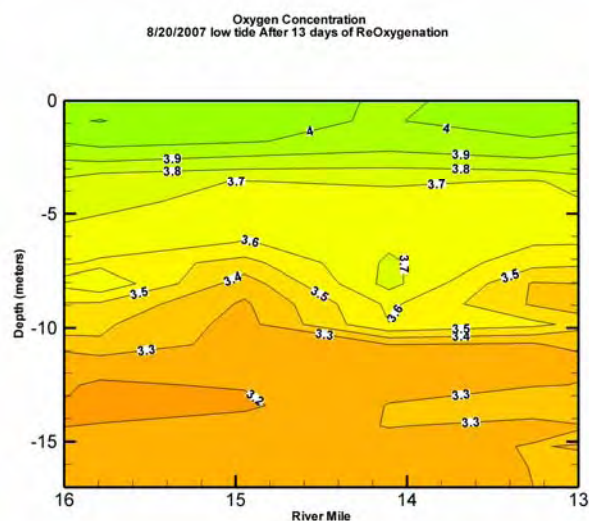
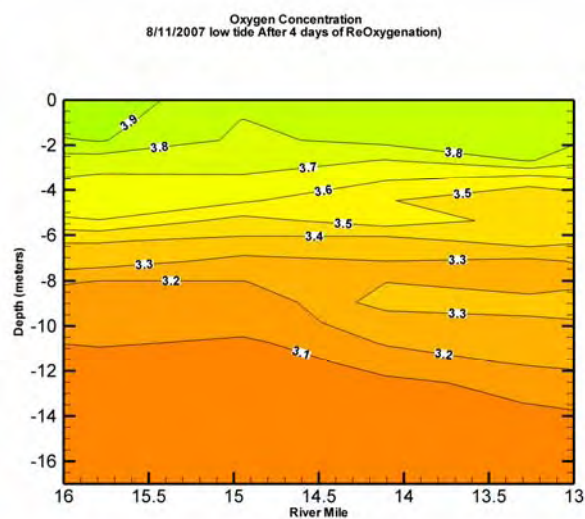
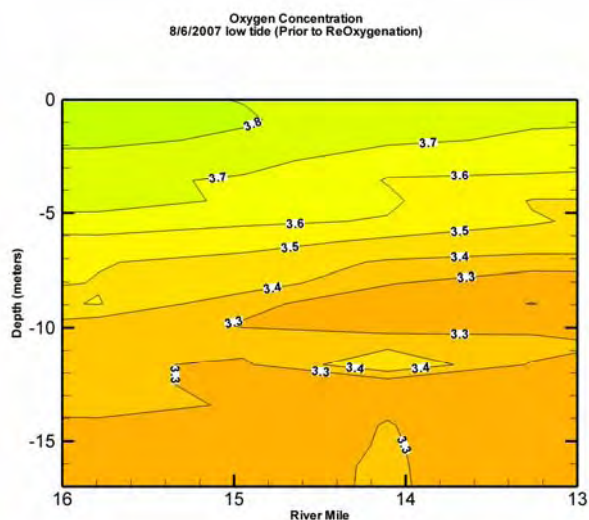
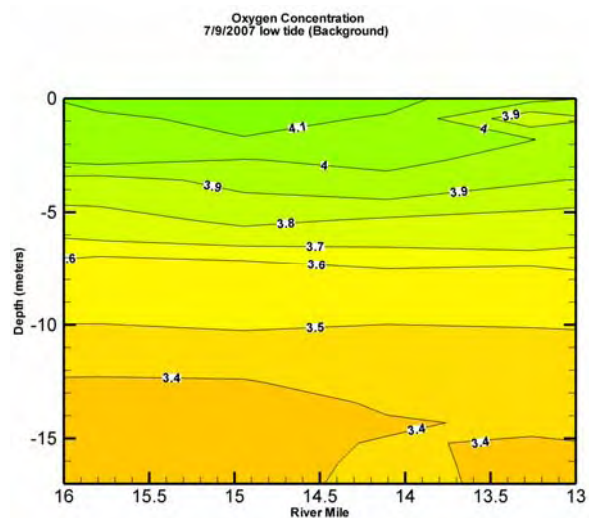
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Mid-channel
DO Deficit (mg/L)
High Tide Event

Project Number: 6110070004 Figure:4-3.1 d



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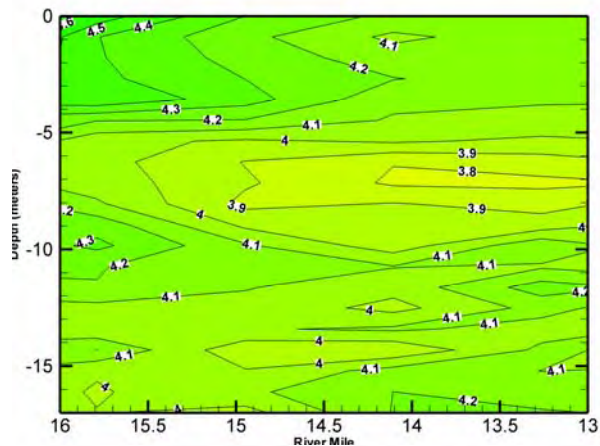
SAVANNAH HARBOR
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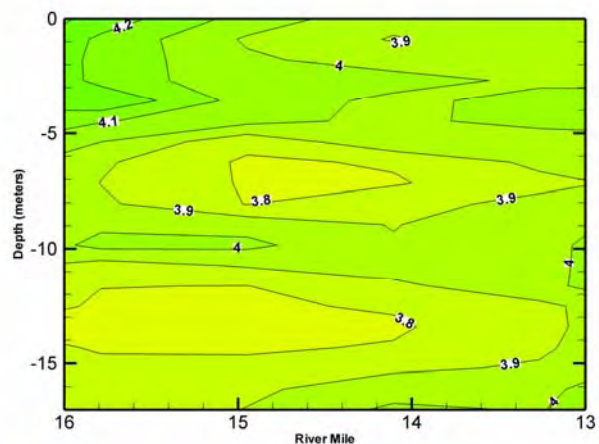
Mid-channel
DO Concentration (mg/L)
Low Tide Event

Project Number: 6110070004 Figure:4-3.1 e

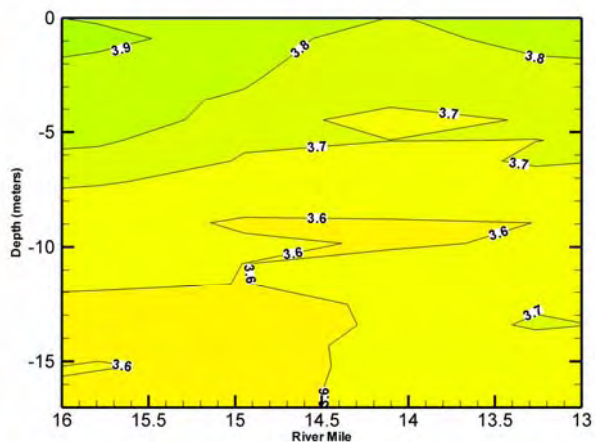
Oxygen Concentration
9/7/2007 low tide Long Run (After 31 day of ReOxygenation)



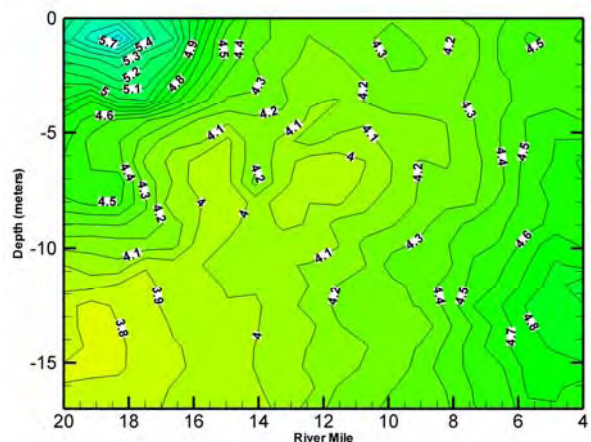
Oxygen Concentration
9/25/2007 low tide Long Run (9 days Post ReOxygenation)



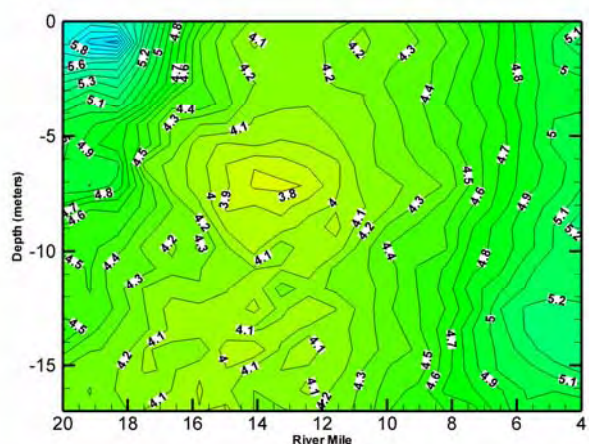
Oxygen Concentration
9/26/2007 low tide (10 days Post ReOxygenation)



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



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



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Checked by: JTP 11/16/07

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REOXYGENATION DEMONSTRATION
PROJECT
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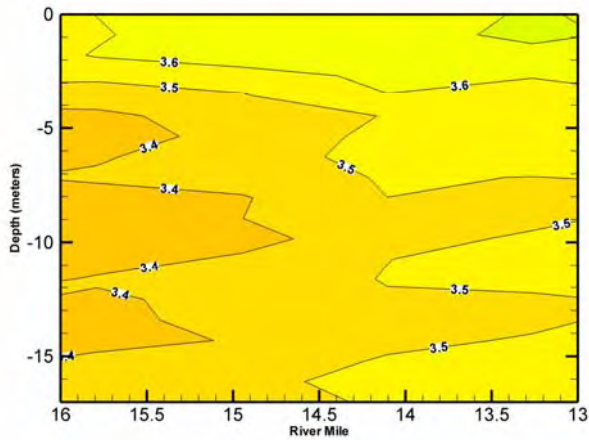
 **MACTEC**

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

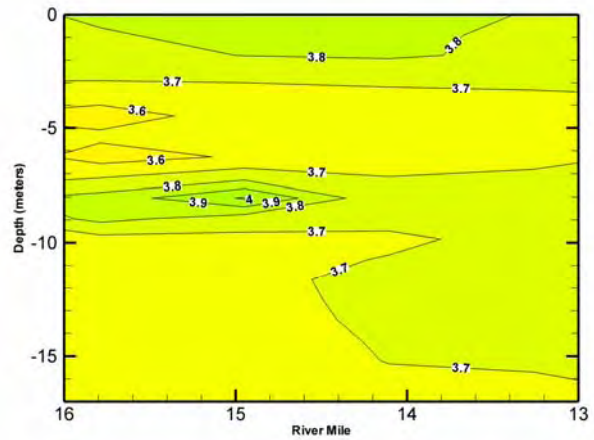
Project Number: 6110070004

Figure:4-3.1 f

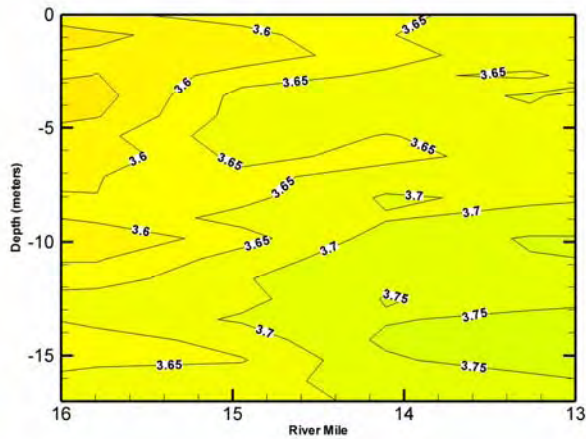
Oxygen Concentration
7/16/2007 high tide (Background)



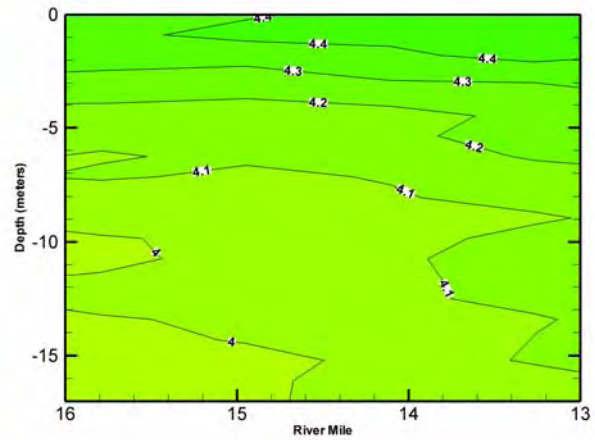
Oxygen Concentration
8/14/2007 high tide After 7 days of ReOxygenation



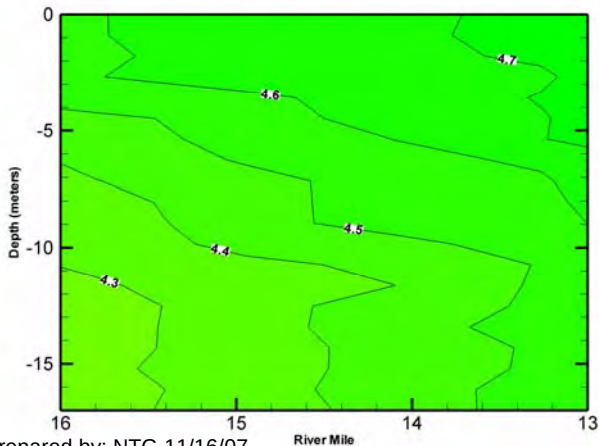
Oxygen Concentration
8/27/2007 high tide After 20 days of ReOxygenation



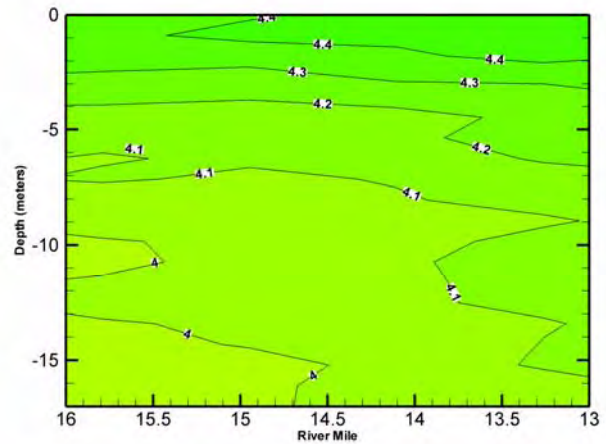
Oxygen Concentration
9/10/2007 high tide (After 34 days of ReOxygenation)



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



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



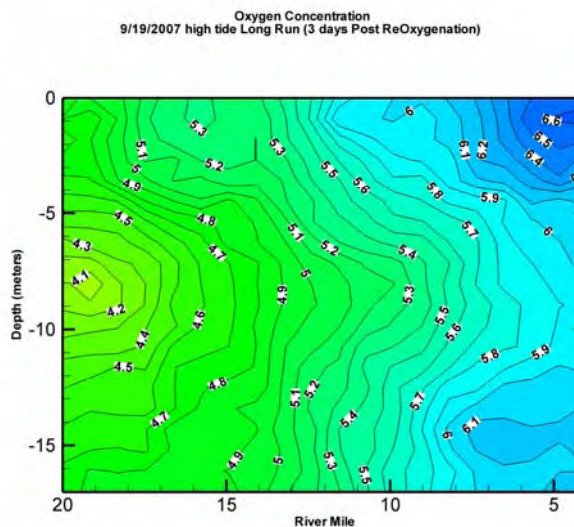
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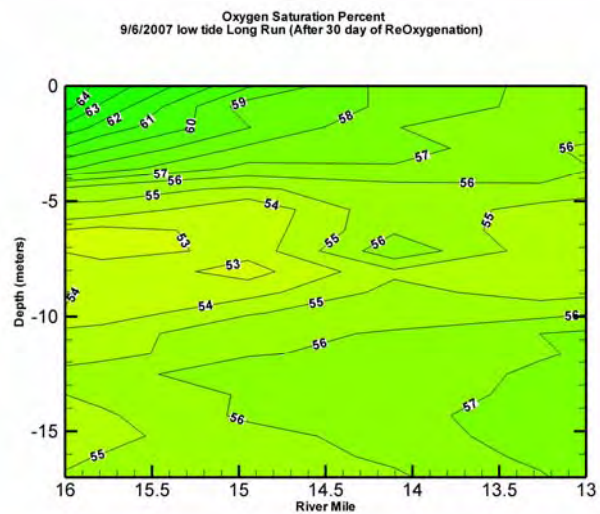
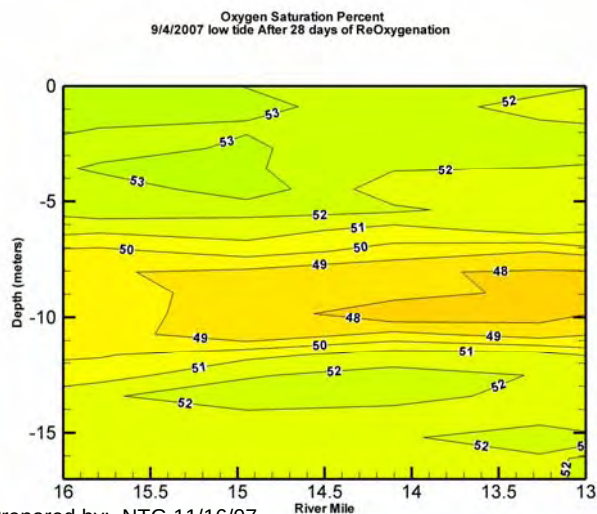
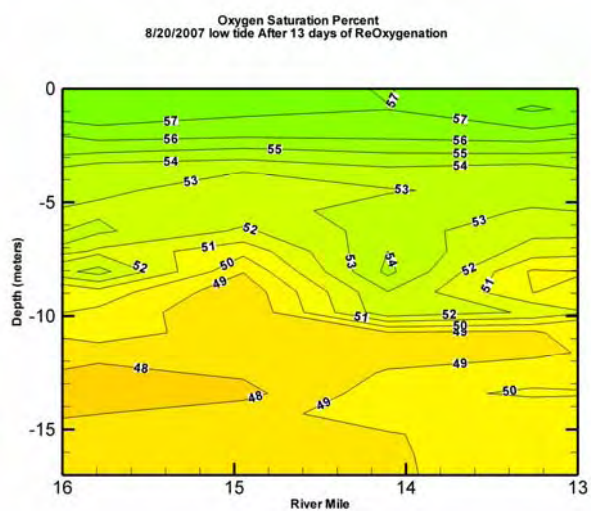
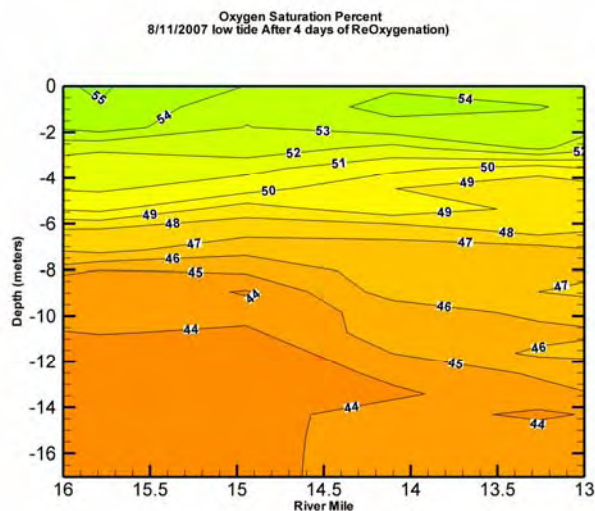
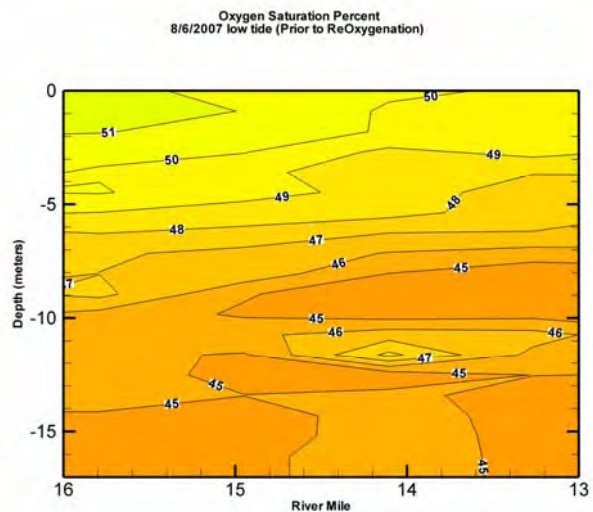
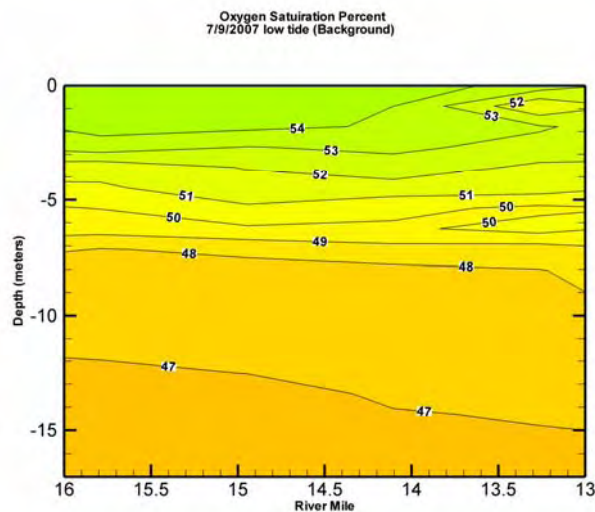
Mid-channel
DO Concentration (mg/L)
High Tide Event

Project Number: 6110070004 Figure:4-3.1 g



Checked by: JTP 11/16/07

Figure:4-3.1 h



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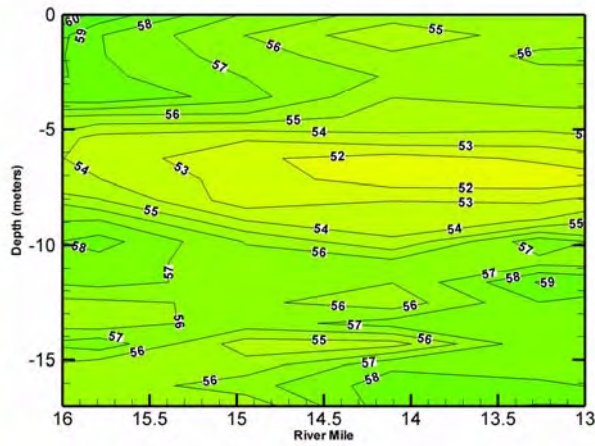


Mid-channel
DO Percent Saturation (%)
Low Tide Event

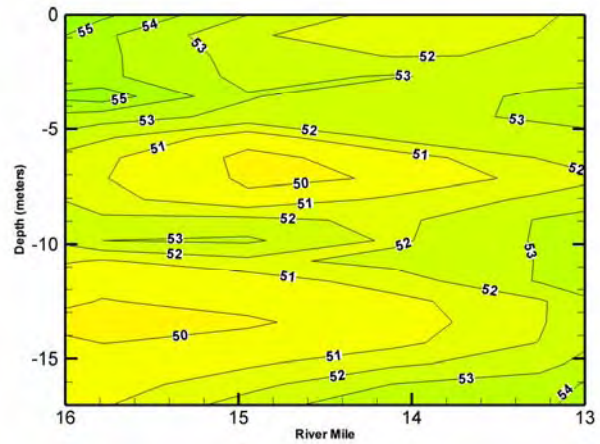
Project Number: 6110070004

Figure:4-3.1 i

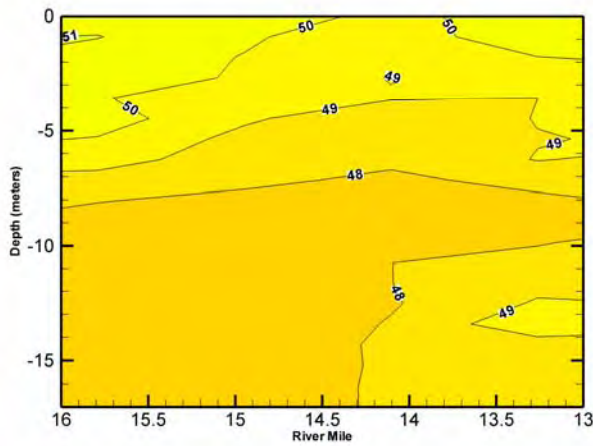
Oxygen Saturation Percent
9/7/2007 low tide Long Run (After 31 day of ReOxygenation)



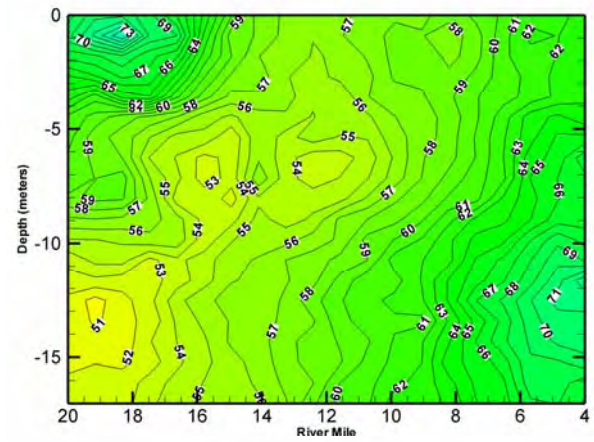
Oxygen Saturation Percent
9/25/2007 low tide Long Run (9 days Post ReOxygenation)



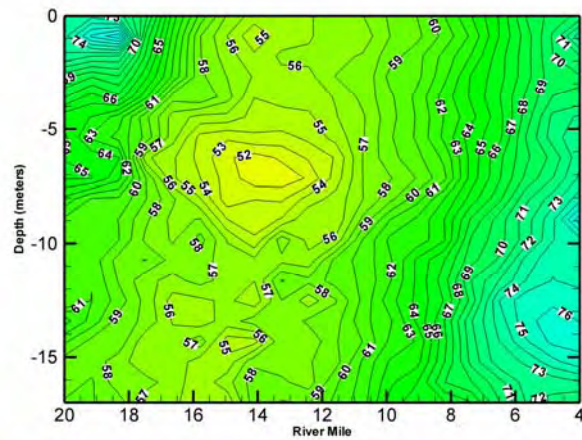
Oxygen Saturation Percent
9/26/2007 low tide (10 days Post ReOxygenation)



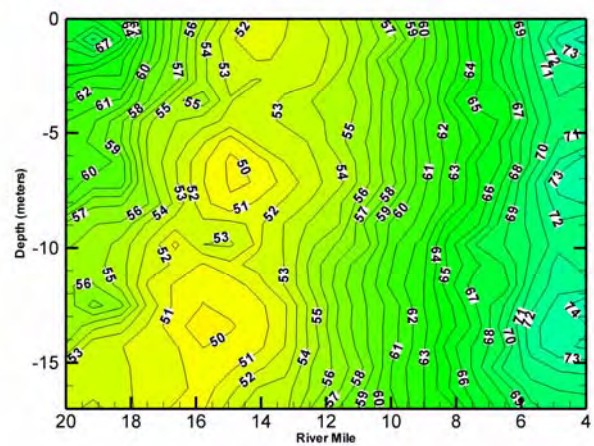
Oxygen Saturation Percent
9/6/2007 low tide Long Run (After 30 day of ReOxygenation)



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



Oxygen Saturation Percent
9/25/2007 low tide Long Run (9 days Post ReOxygenation)



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

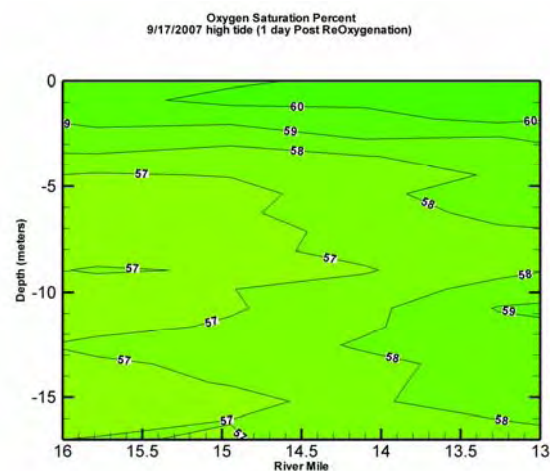
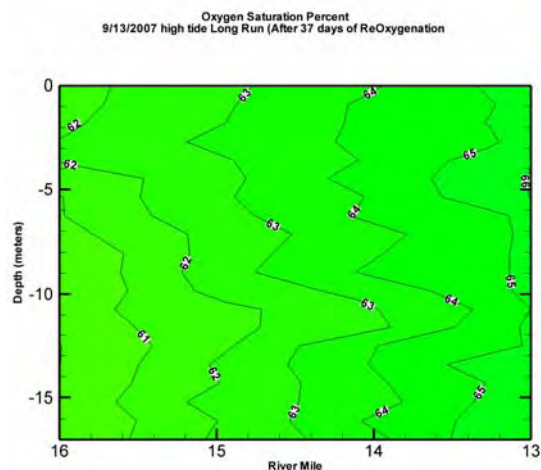
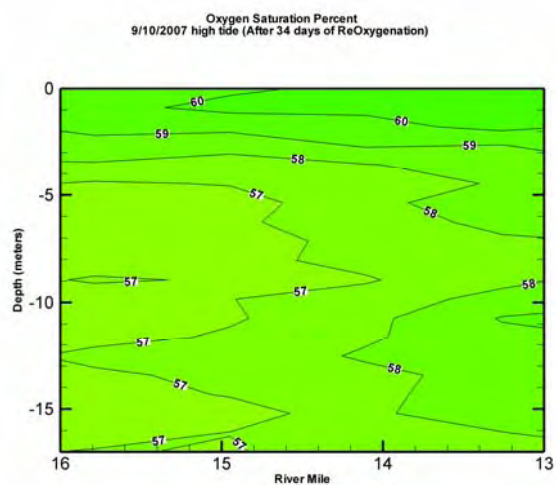
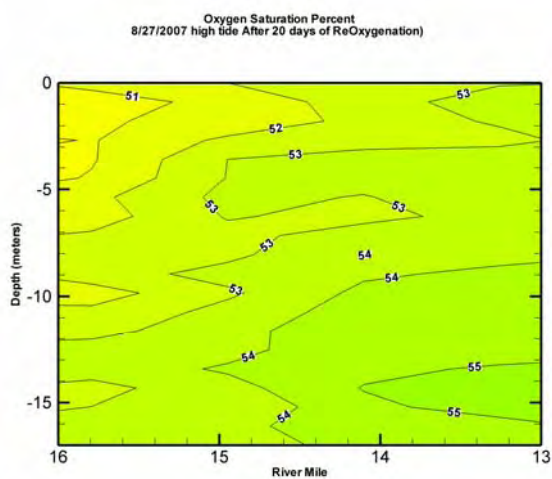
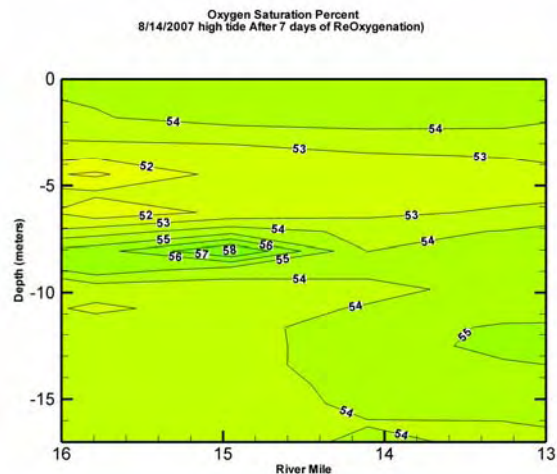
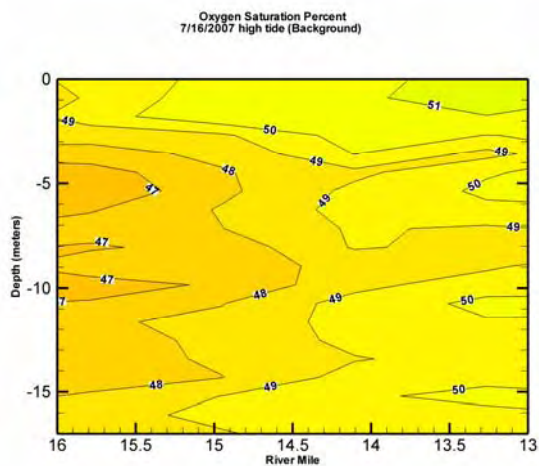
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MACTEC

Mid-channel
DO Percent Saturation (%)
Low Tide Event

Project Number: 6110070004

Figure:4-3.1 j



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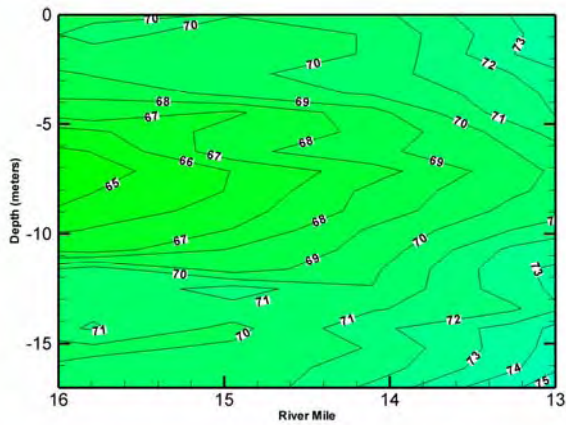
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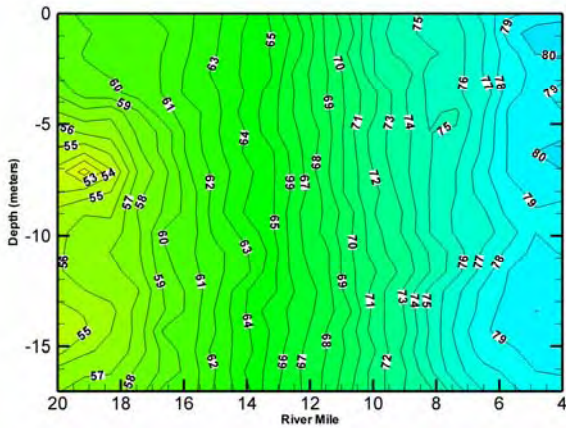
Mid-channel
DO Percent Saturation (%)
High Tide Event

Project Number: 6110070004 Figure:4-3.1 k

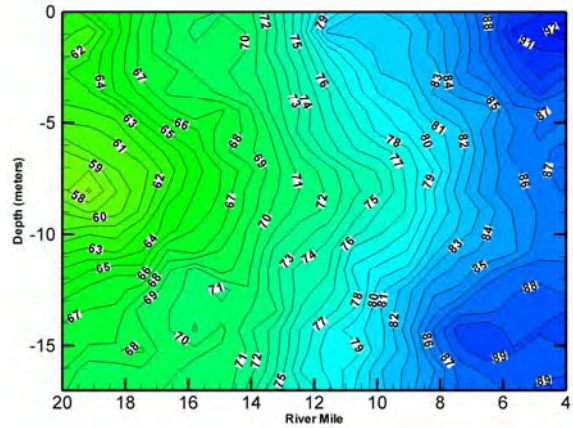
Oxygen Saturation Percent
9/19/2007 high tide Long Run (3 days Post ReOxygenation)



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



Oxygen Saturation Percent
9/19/2007 high tide Long Run (3 days Post ReOxygenation)



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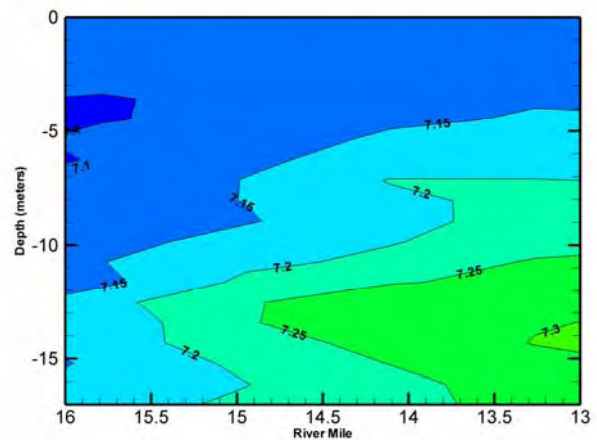
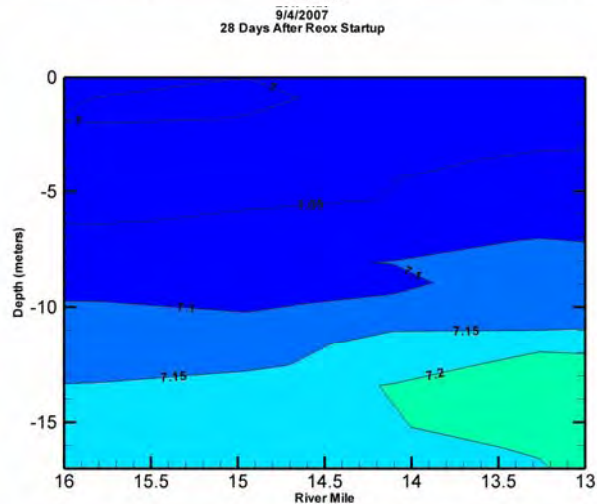
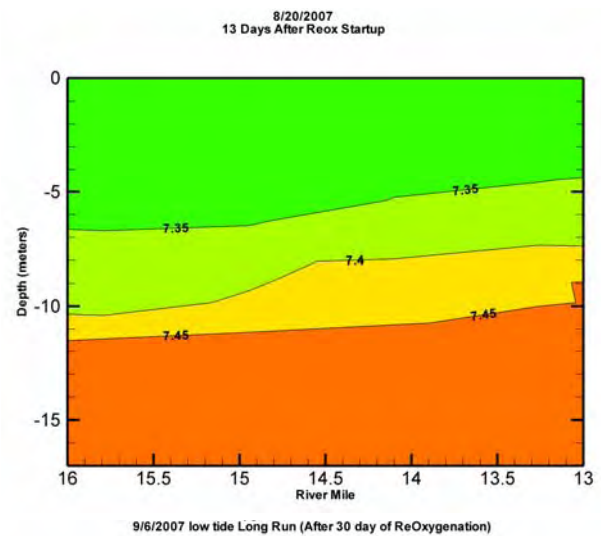
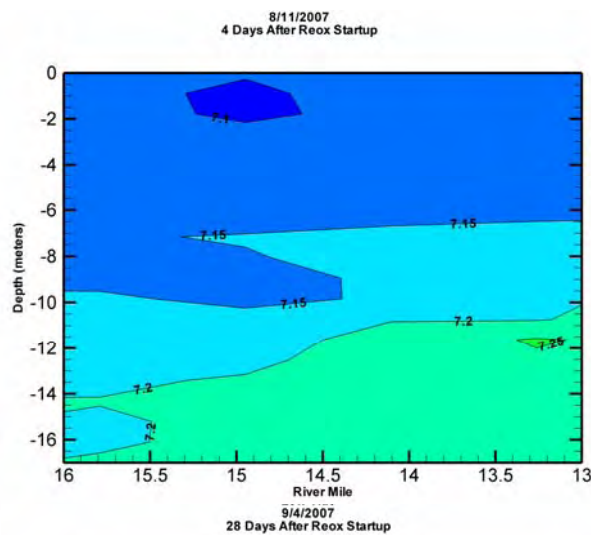
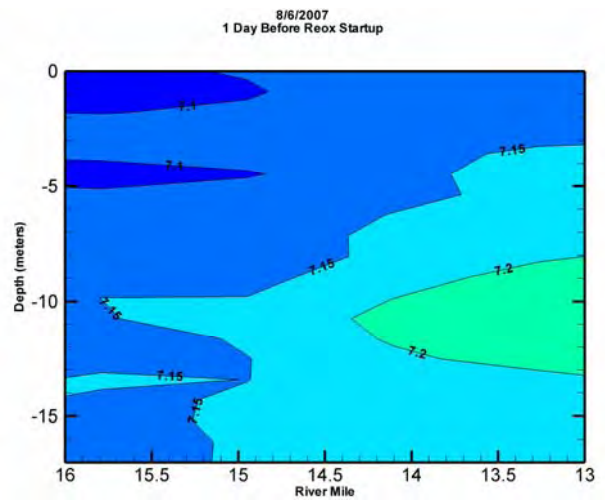
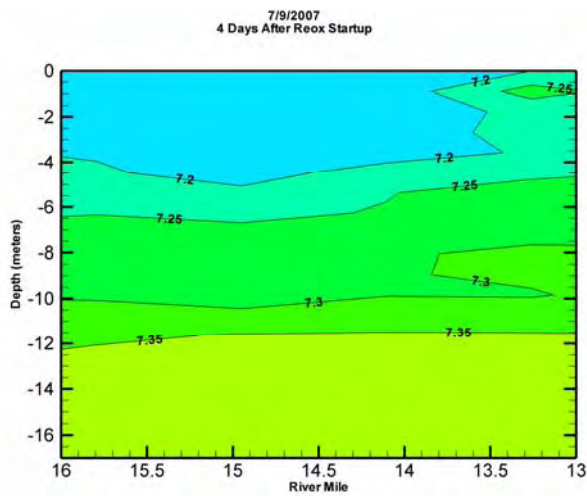
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Mid-channel
DO Percent Saturation (%)
High Tide Event

Project Number: 6110070004

Figure:4-3.1 I



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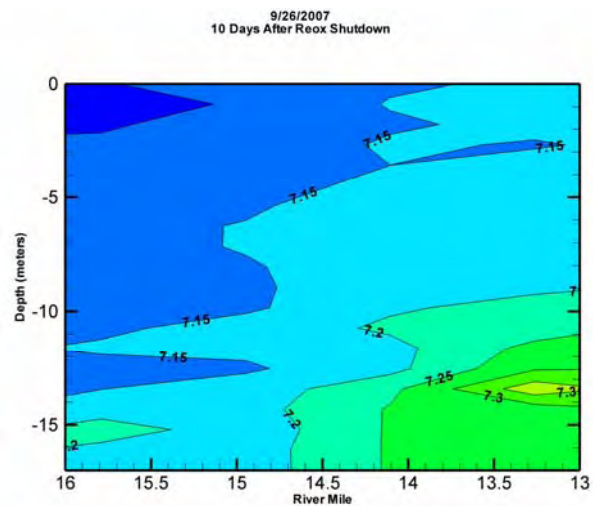
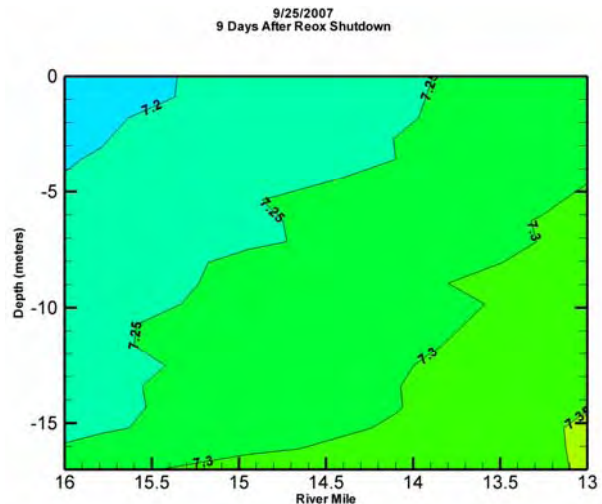
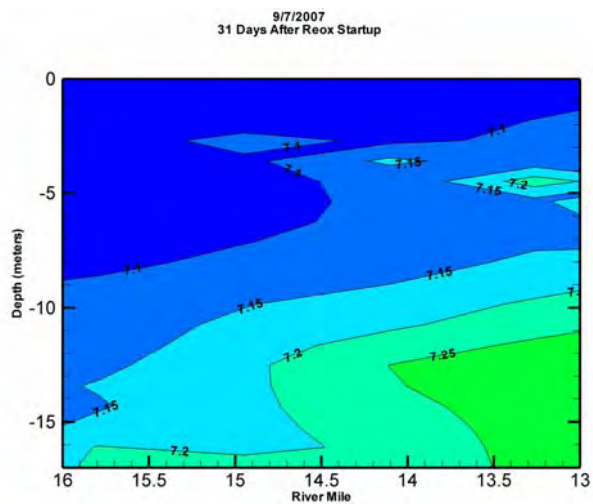
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PROJECT
GEORGIA PORTS AUTHORITY
SAVANNAH, GEORGIA



Mid-channel
pH
Low Tide Event

Project Number: 6110070004

Figure:4-3.2 a



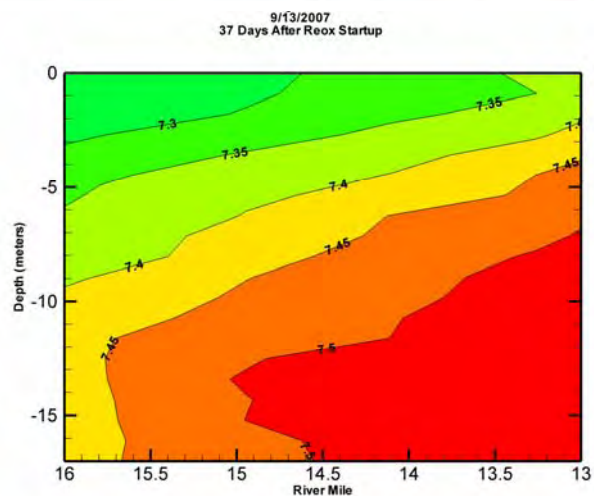
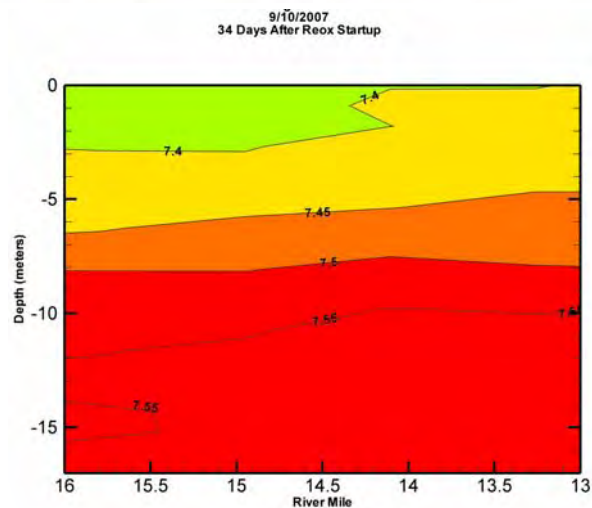
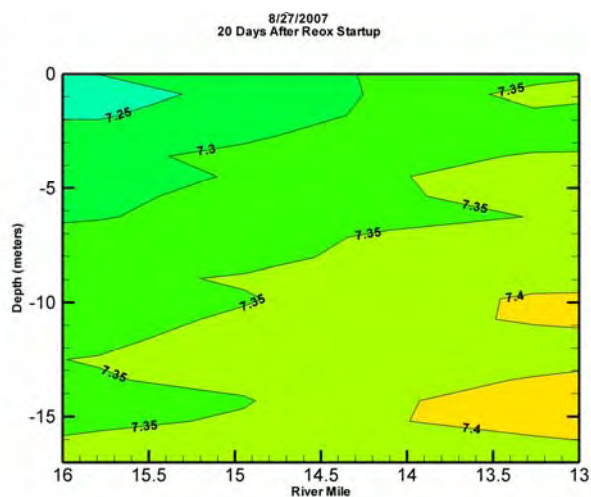
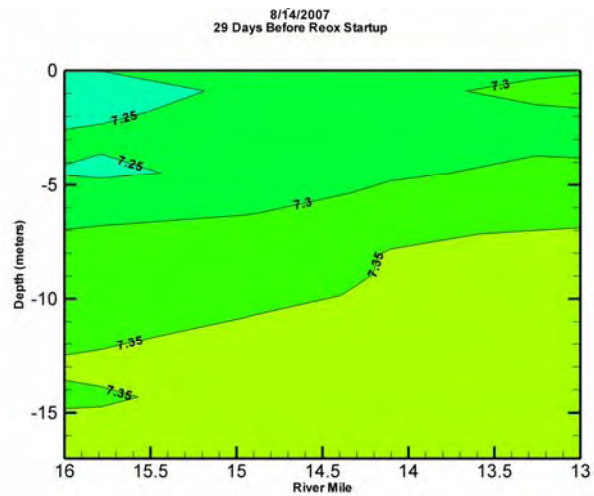
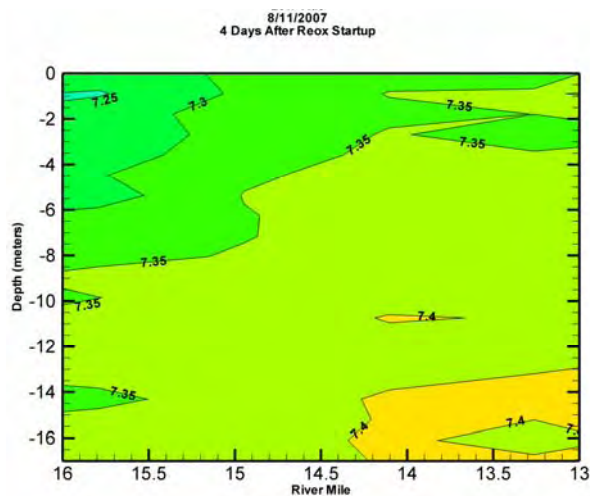
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Mid-channel
pH
Low Tide Event

Project Number: 6110070004 Figure:4-3.2 b



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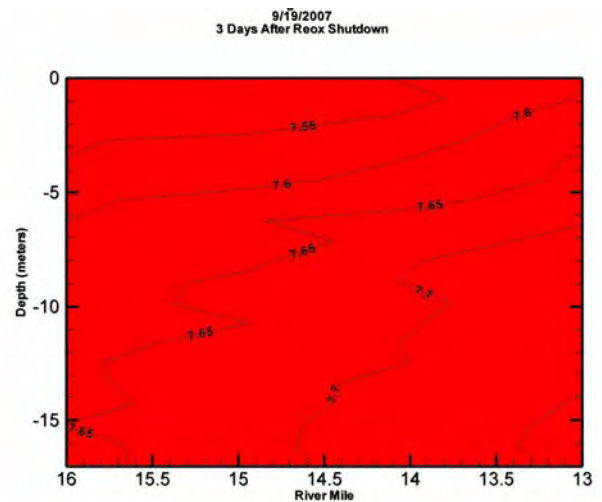
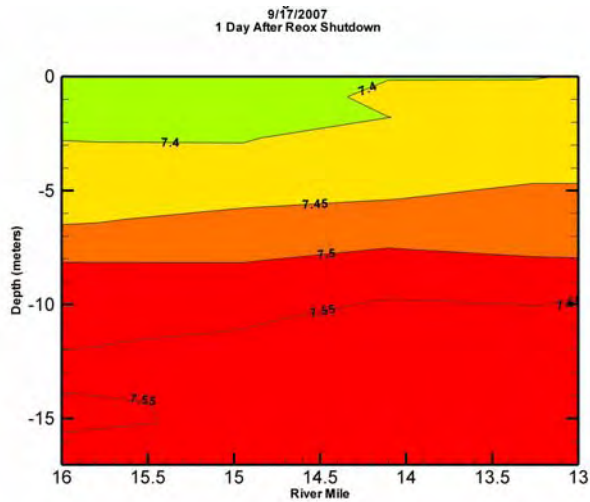
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Mid-channel
pH
High Tide Event

Project Number: 6110070004

Figure:4-3.2 c



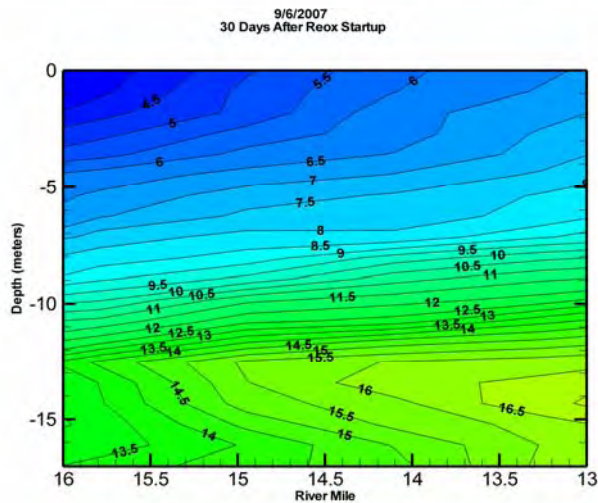
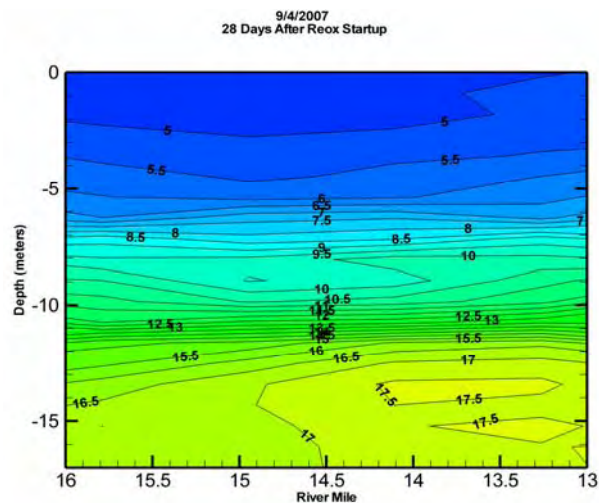
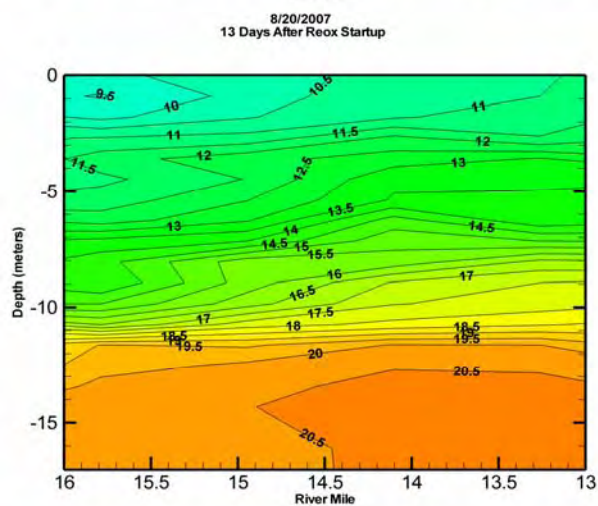
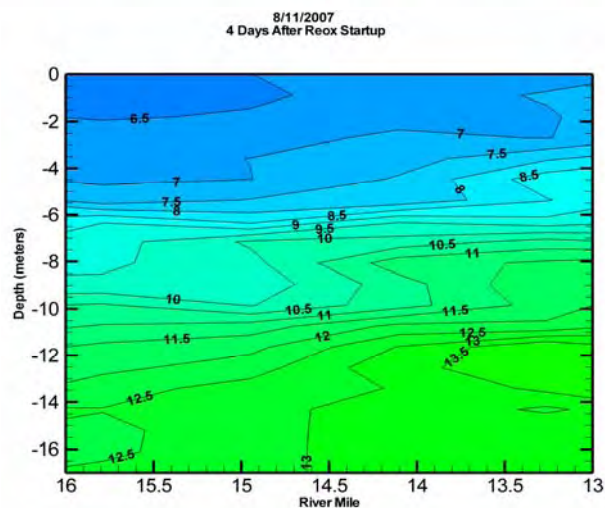
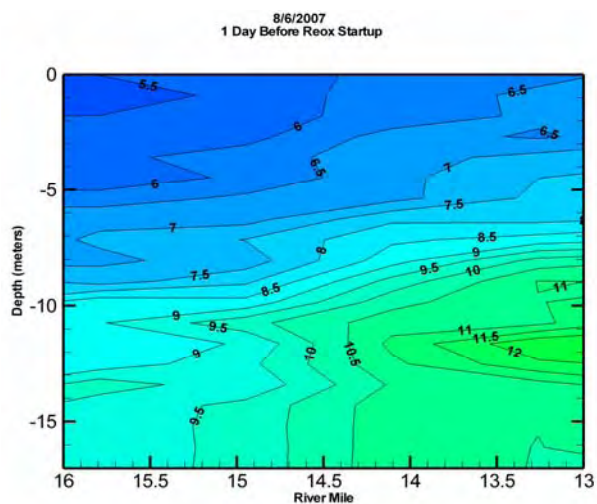
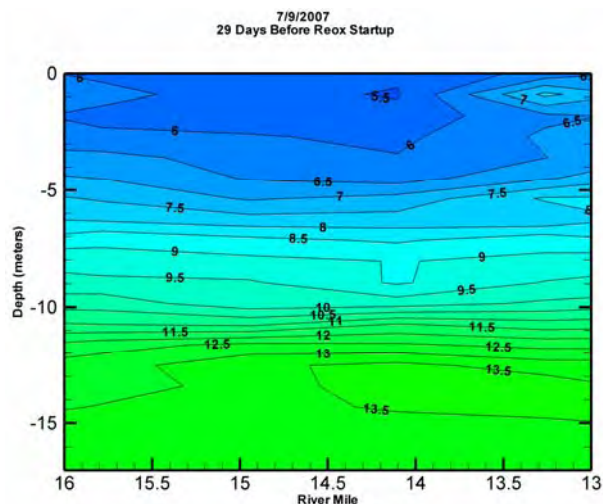
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Mid-channel
pH
High Tide Event

Project Number: 6110070004 Figure 4-3.2 d



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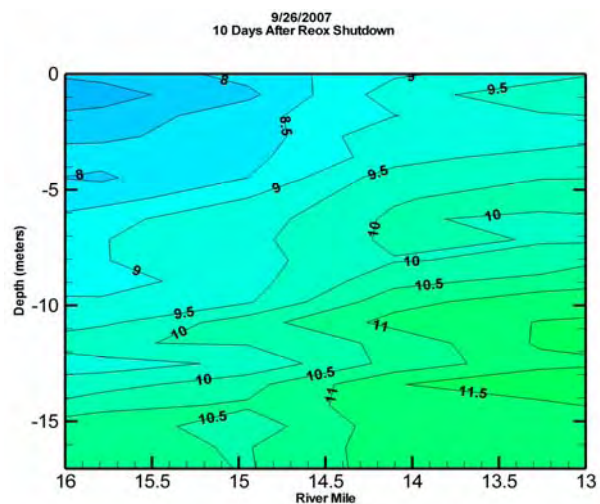
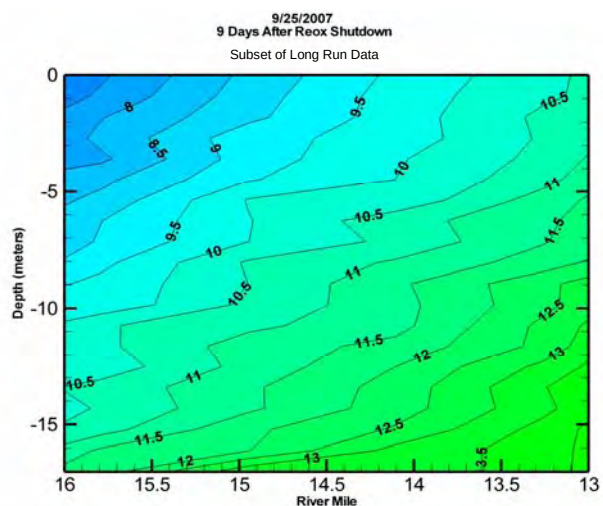
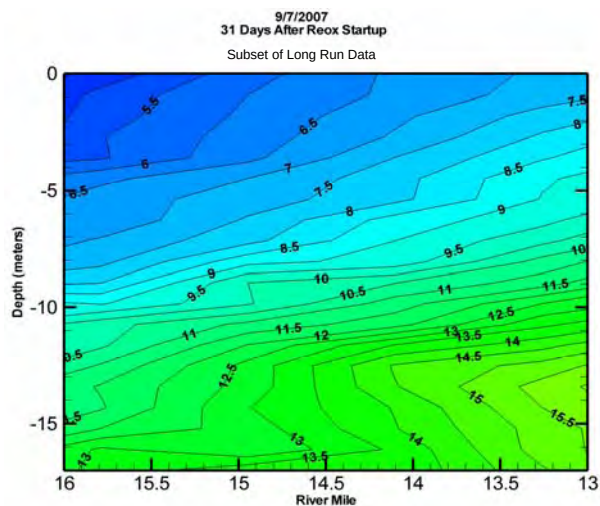
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Mid-channel
Salinity
Low Tide Event

Project Number: 6110070004

Figure:4-3.2 e



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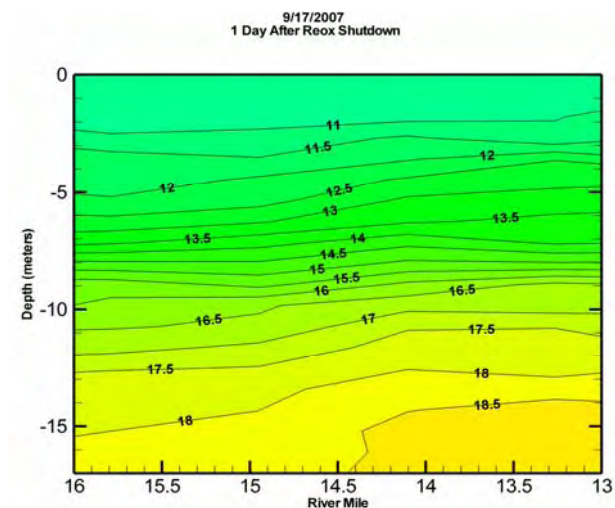
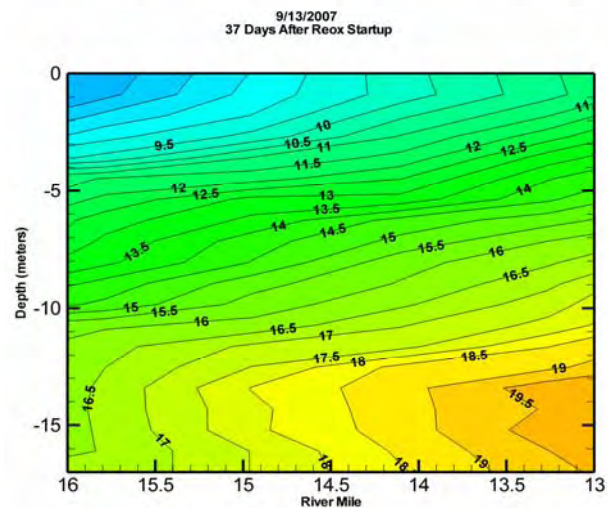
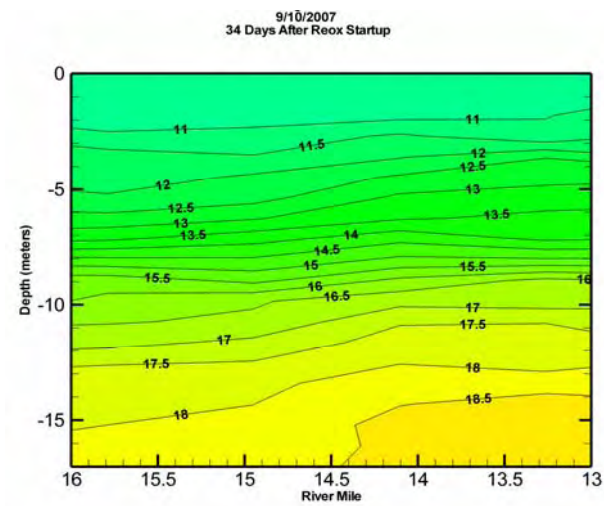
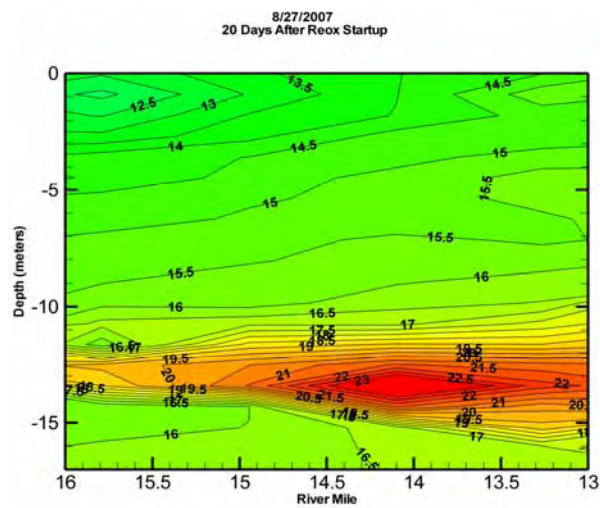
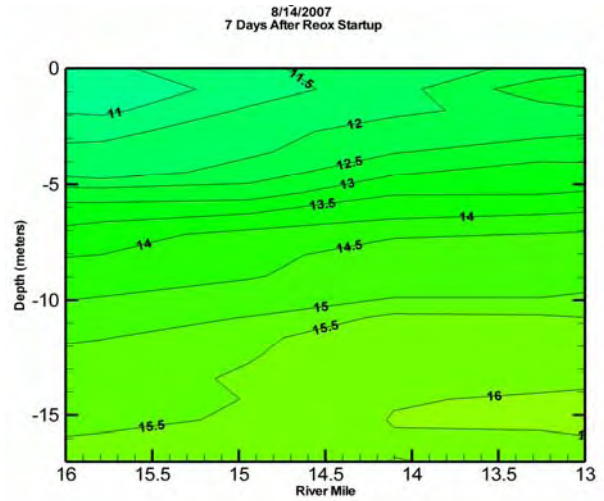
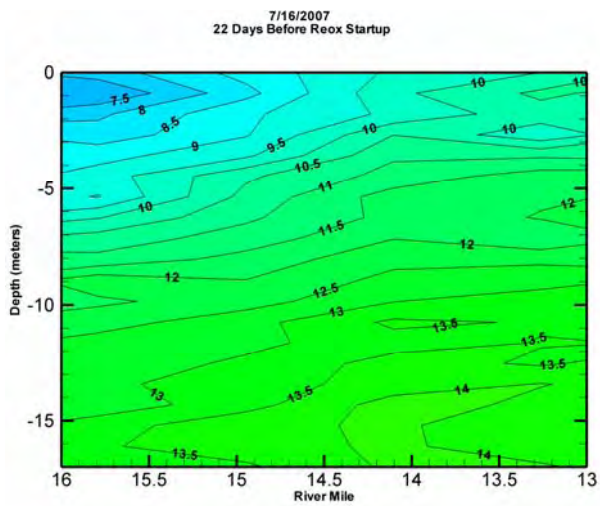
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Mid-channel
Salinity
Low Tide Event

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Figure:4-3.2 f



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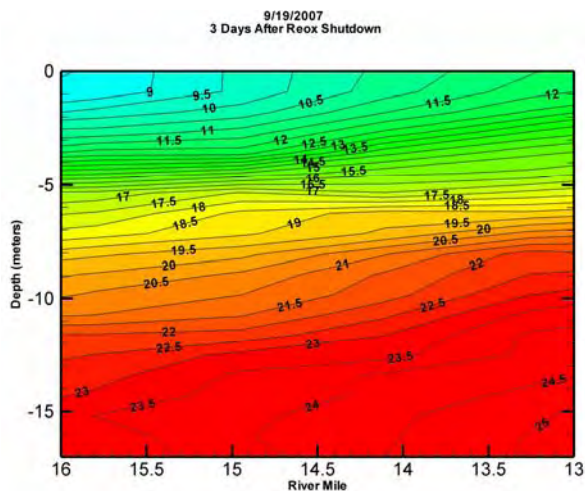
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Mid-channel
Salinity
High Tide Event

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Figure:4-3.2 g



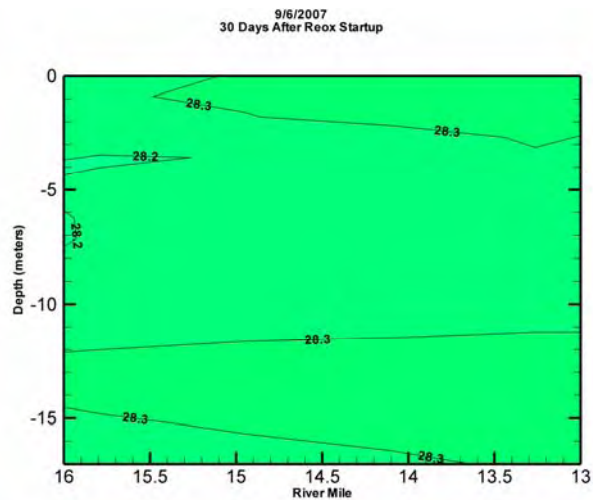
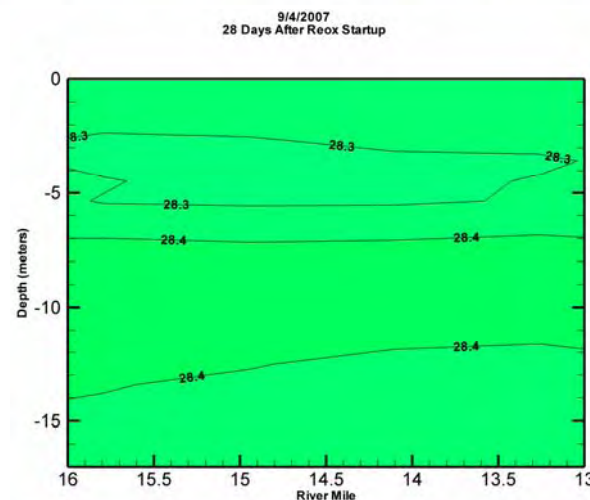
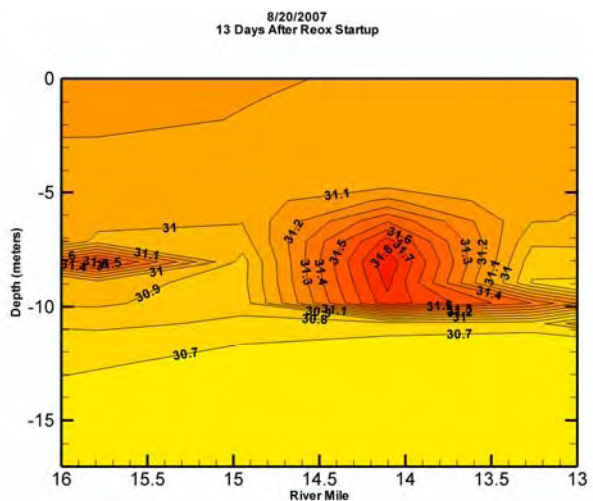
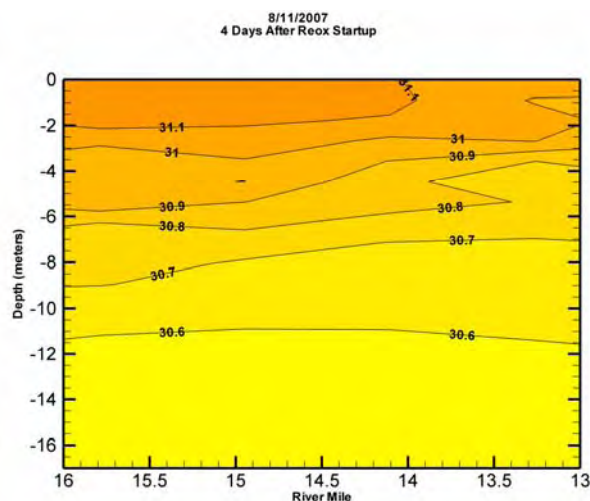
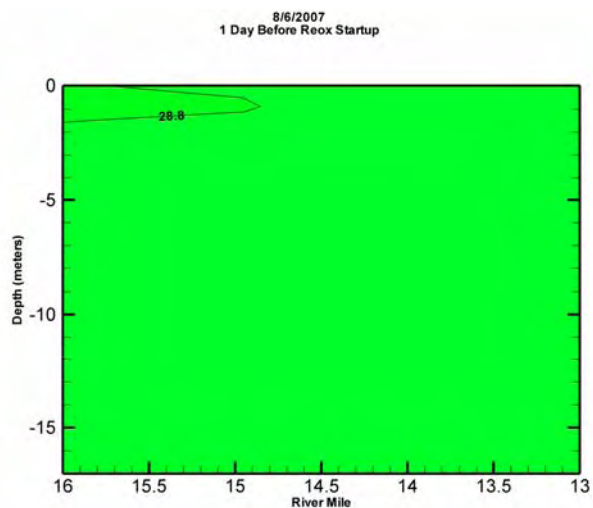
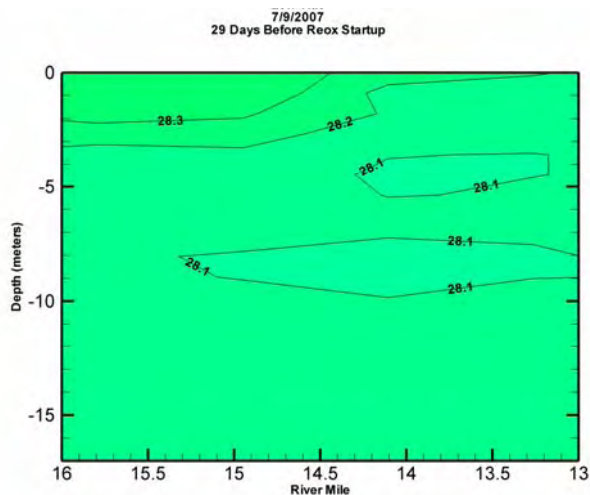
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Mid-channel
Salinity
High Tide Event

Project Number: 6110070004 Figure:4-3.2 h



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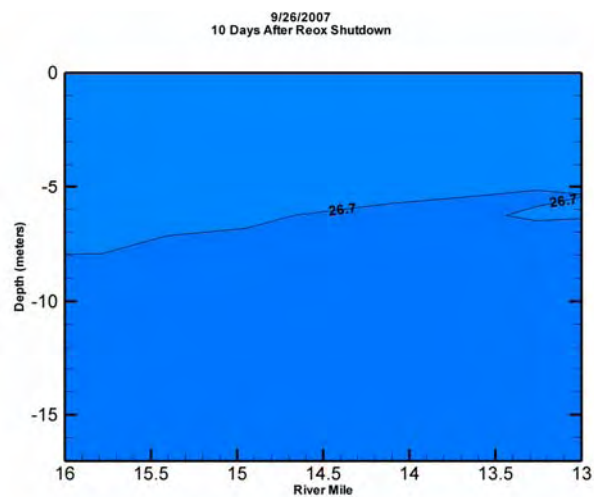
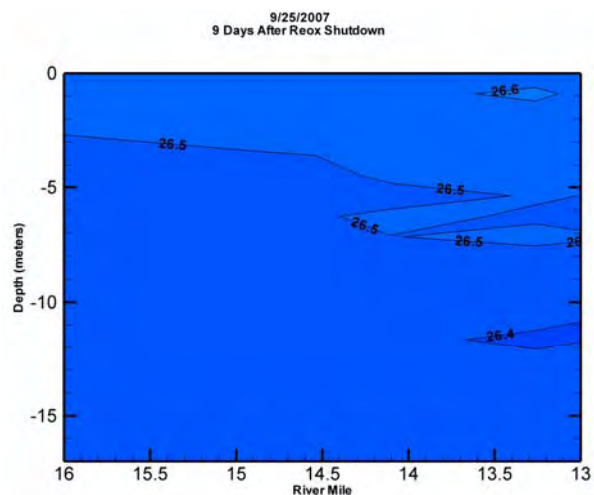
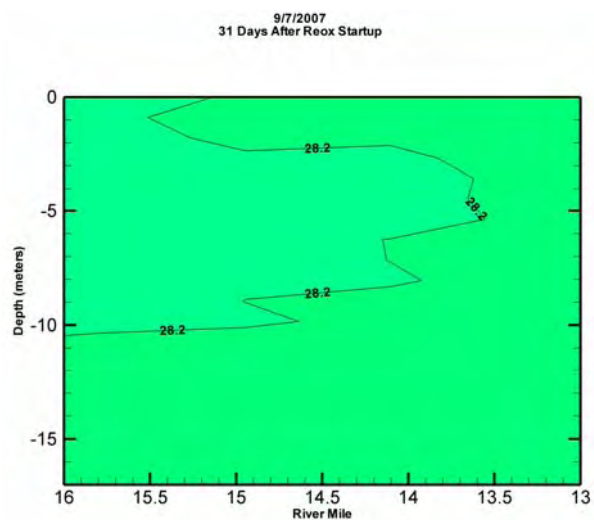
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PROJECT
GEORGIA PORTS AUTHORITY
SAVANNAH, GEORGIA**



Mid-channel
Temperature (°C)
Low Tide Event

Project Number: 6110070004

Figure:4-3.2 i



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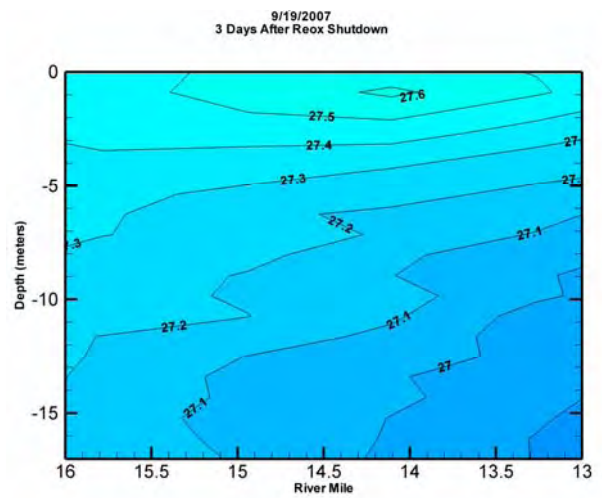
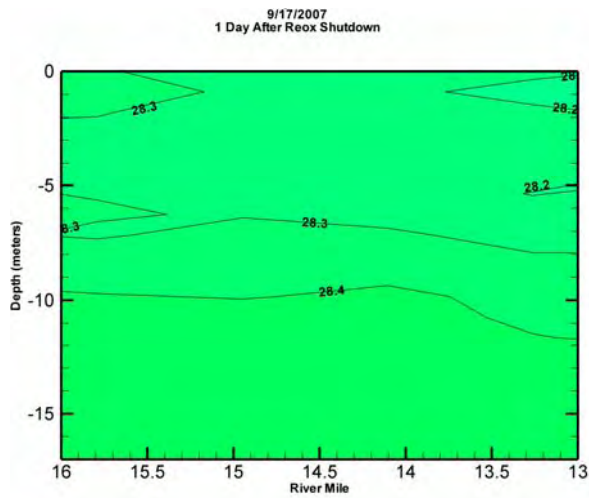
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GEORGIA PORTS AUTHORITY
SAVANNAH, GEORGIA**



Mid-channel
Temperature (°C)
Low Tide Event

Project Number: 6110070004

Figure:4-3.2 j



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Mid-channel
Temperature (°C)
High Tide Event

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Figure:4-3.2