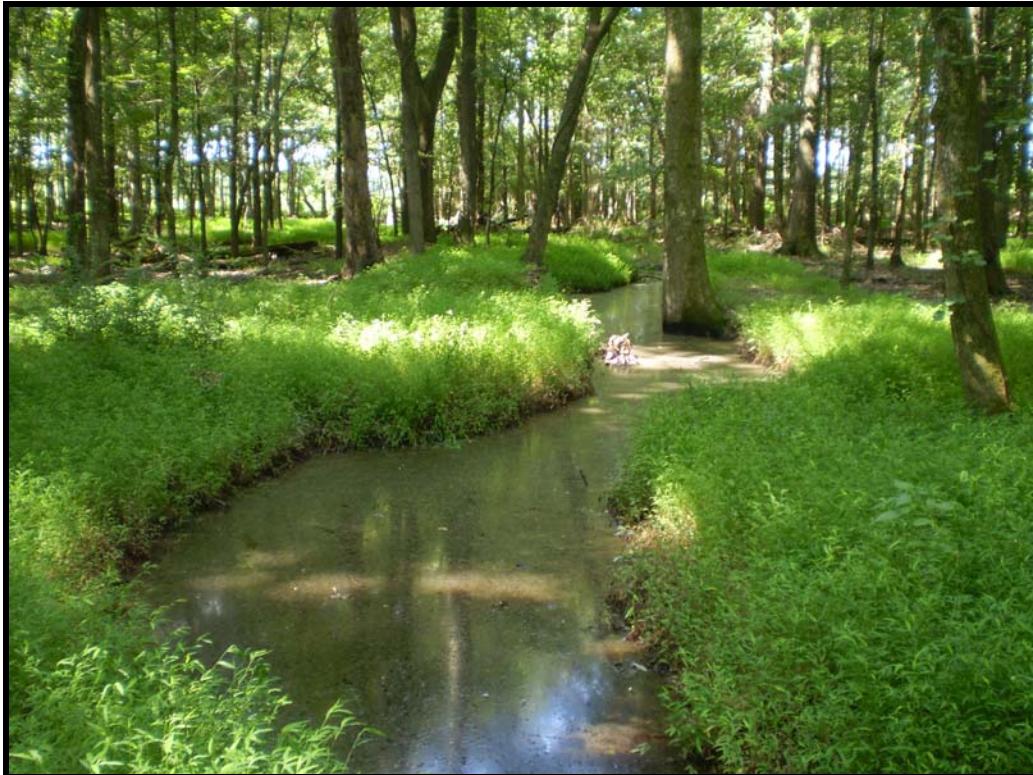


**FINAL  
Beaverdam Mitigation Project  
Harnett County, North Carolina**

**Cape Fear River Basin No. 03030004  
DENR-EEP Contract No. D06029-B**

**Year 2 Monitoring Report**



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**December 2009**

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### APPENDICES

Appendix A	As-Built Survey
Appendix B	2009 Profile and Cross Section Data
Appendix C	2009 Gauge Data
Appendix D	2009 Site Photos
Appendix E	Morphologic Monitoring Parameters

## **1.0 SUMMARY**

This Annual Report details the monitoring activities during the 2009 growing season on the Beaverdam Swamp Mitigation Site. Construction of the site, including planting of trees, was completed in February 2008. The 2009 data represents results from the second year of hydrology and vegetation monitoring for both wetlands and streams.

The design for the Beaverdam Swamp property involved stream restoration, riverine wetland restoration, and wetland enhancement. After construction, it was determined that the project generated 10,406 linear feet of stream restoration, 9.90 acres of wetland restoration, and 2.04 acres of wetland enhancement. The As-Built survey is included as **Appendix A**.

This Annual Report presents the data from eight automated hydrology monitoring stations, 14 vegetation monitoring plots, three crest gauges, one tipping bucket rain gauge, one funnel rain gauge, 20 cross sections, approximately 3,455 linear feet of profile survey, and photographic reference locations. Data were also collected from three reference automated hydrology monitoring stations.

In 2009, data collected from the groundwater monitoring gauges on the Beaverdam Mitigation Site indicate that seven of the eight hydrology monitoring stations at the mitigation site recorded hydroperiods of at least 10 percent of the growing season. The remaining gauge (BDAW4) experienced a hydroperiod below five percent. All three of the reference gauges had hydroperiods greater than 10 percent.

Weather station data from the Dunn Weather Station were used in conjunction with the rain gauges located on the site to document precipitation amounts. The onsite gauges are used to validate observations made at the automated station. The on-site rainfall was within or below the normal range during the months of March, April, May, June, and September. Rainfall amounts in July, August, and October were above the normal limits on-site, yet the Dunn weather station showed rainfall amounts well within the acceptable limits.

This Annual Monitoring Report documents vegetation survival on 14 vegetation-monitoring plots. Cattle damaged areas and areas of high mortality were re-planted in early 2009. The vegetation monitoring documented surviving planted stem density between 340 and 640 stems per acre. All vegetation plots are on track to meet or exceed the interim vegetation success criteria of 320 trees per acre. Herbaceous vegetation has improved and is now estimated at over 90 percent cover across the site. Volunteer woody species are present but do not pose a threat to the target natural community. No remedial actions are recommended.

During the 2009 monitoring season, five bankfull events were recorded at the site. The restored stream channel is generally stable and is providing the intended habitat and hydrologic functions. All monitored cross sections and longitudinal profile for 2009 show little adjustment in stream dimension.

## **2.0 INTRODUCTION**

### **2.1 PROJECT DESCRIPTION**

The Beaverdam Swamp Stream and Wetland Mitigation project is in Harnett County, North Carolina, approximately 3 miles southwest of Erwin (**Figure 1**). The property is on an old floodplain terrace to either side of Bunnlevel Erwin Road (SR 1779). Access is directly from Bunnlevel Erwin Road through pasture and agricultural fields. Construction at the site was completed in February 2008. Groundwater, surface water, and rain gauges were functional beginning in February 2008. This report details the results of the 2009 monitoring season, and represents Year 2 of monitoring for the site.

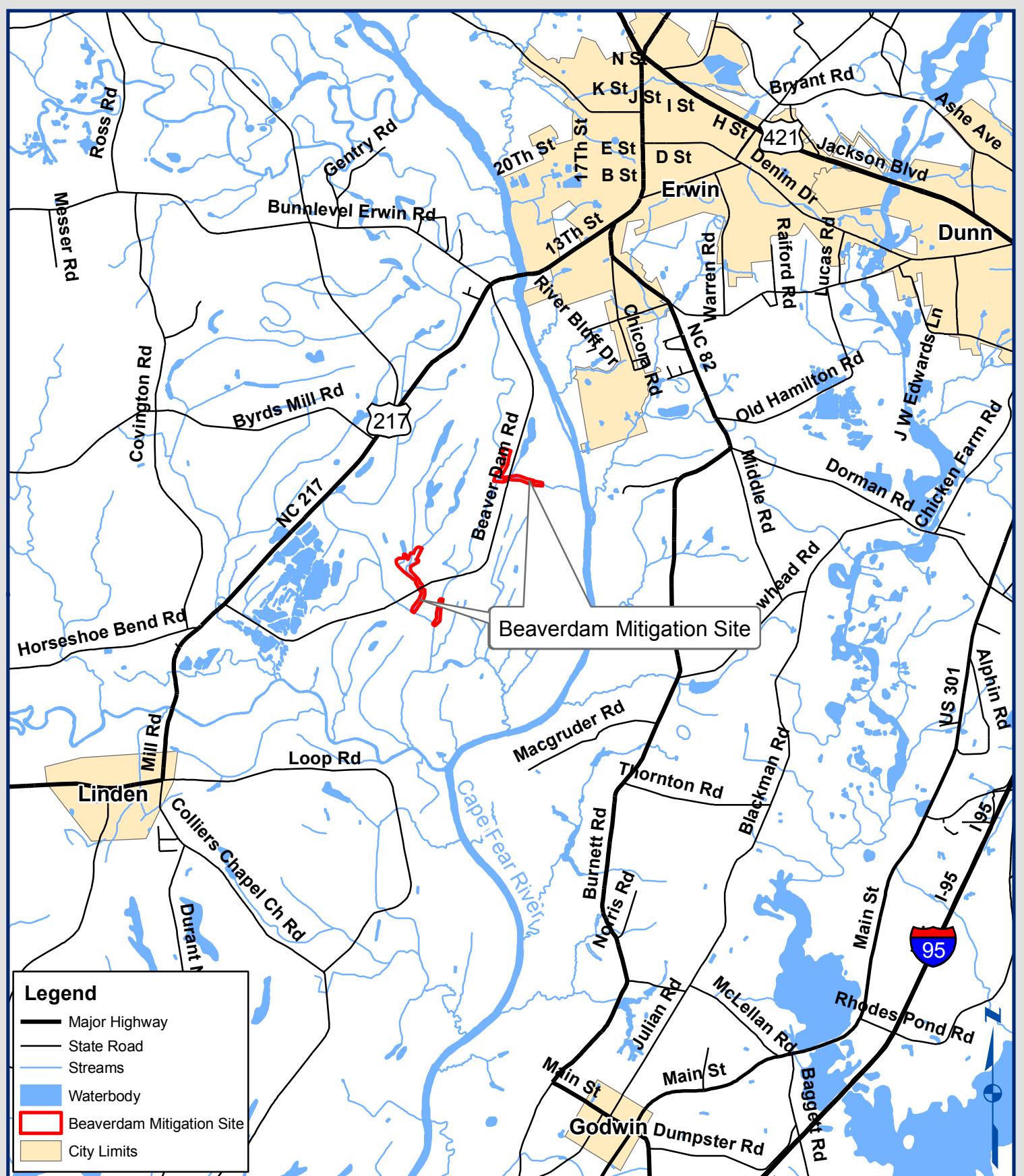
The mitigation site consists of three stream systems and associated riparian wetlands along the floodplain. The three distinct unnamed tributaries (UT) are identified as UT1, UT2, and UT3. The USGS Erwin, NC topographic quadrangle (**Figure 2**) shows UT 1 and UT 2 drain into Beaverdam Swamp and UT3 discharges directly into the Cape Fear River. UT1 has a drainage area of 602 acres (0.94 mi<sup>2</sup>), UT2 has a drainage area of 147 acres (0.23 mi<sup>2</sup>), and UT3 has a drainage area of 262 acres (0.41 mi<sup>2</sup>). Surrounding land use consists of existing forest, open pasture, and agricultural fields. On-site topography, soils, and existing wetland areas demonstrate that the site historically supported riverine wetlands. A conservation easement protects the restoration and preservation areas (**Figure 3**).

The pre-restoration altered conditions of the stream and the riparian buffer reduced water quality and impaired habitat. Livestock access resulted in the direct input of nutrients and biochemical oxygen demand (BOD) into the stream and wetlands. Hoof-shear created bank instability resulting in heavy sedimentation. Water quality was also diminished due to raised turbidity from bank erosion and elevated water temperatures caused by the lack of tree shading. Habitat was reduced by the diminished water quality and loss of physical habitat such as bed features, woody debris, and a well developed vegetative community. Migrating head-cuts had incised the channels and drained wetlands. There are two wetland restoration areas (WR) associated with UT3 and three wetland enhancement areas (WE) associated with UT1.

### **2.2 PROJECT PURPOSE**

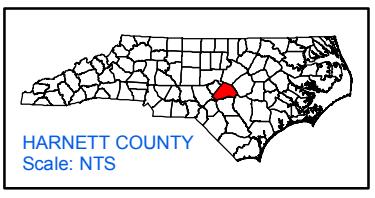
The objective of this project is to provide 10,200 stream mitigation units (SMU) and 9 wetland mitigation units (WMU) to the North Carolina Ecosystem Enhancement Program (EEP) through the full delivery process in the Cape Fear River Basin 03030004110020 hydrologic unit, and to improve riparian and aquatic habitats and water quality through ecological restoration practices. Stream mitigation was provided through restoration and enhancement on three stream systems that are tributaries to Beaverdam Swamp. Riverine wetland mitigation was provided through enhancement and restoration. The site was identified and developed by Environmental Banc and Exchange, LLC (EBX) through the EEP full delivery mitigation process.

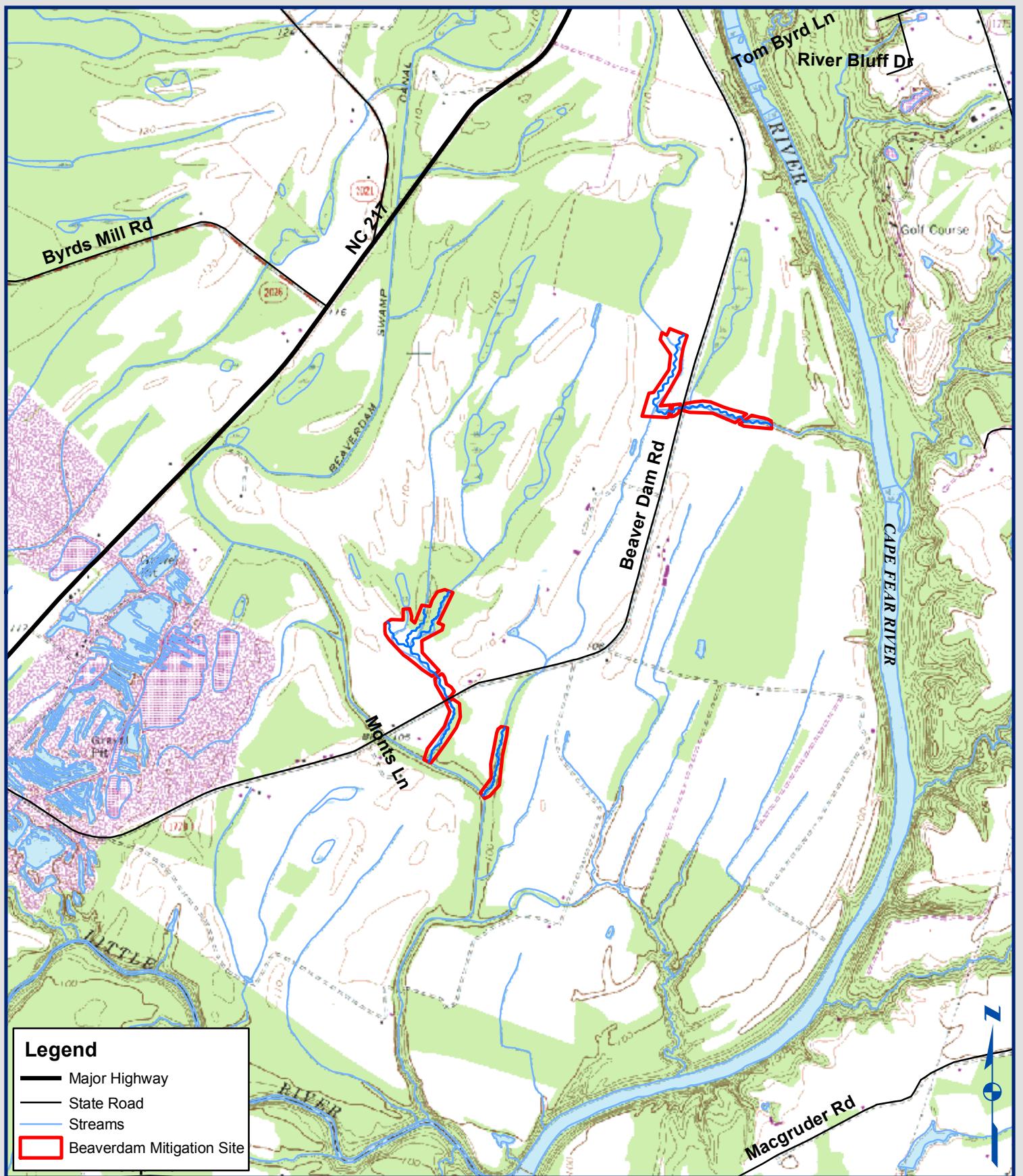
Monitoring of the Beaverdam Swamp Site is required to demonstrate successful mitigation based on criteria in the Restoration Plan and through a comparison to reference site conditions. The success criteria components adhere to EEP and USACE guidelines. Hydrology, vegetation, and stream monitoring are conducted on an annual basis. This Annual Monitoring Report details the results of the monitoring efforts for 2009 (Year 2) at the Beaverdam Swamp Mitigation Site.



**Figure 1.**  
**Beaverdam Creek Mitigation Site**  
**Project Vicinity Map**

0 0.5 1 2 Miles



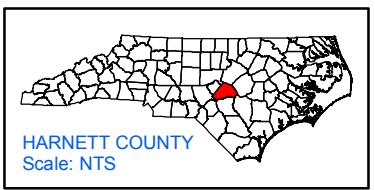


**Figure 2.**  
**Beaverdam Creek Mitigation Site**  
**USGS Map**



SOURCE: USGS,  
Erwin, NC Quadrangle, 1973

0 1,000 2,000 4,000  
Feet



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The Beaverdam Swamp Mitigation Report (May 2008) documented 10,114 linear feet of stream restoration, 292 linear feet of stream enhancement Level II, 9.90 acres of wetland restoration, and 2.04 acres of wetland enhancement, resulting in 10,231 SMUs and 10.9 WMUs for the project (**Table 1**). The raised streambed elevation will provide the hydrology for restoring the wetlands. The wetland and stream restoration will provide multiple ecological and water quality benefits within the Cape Fear River Basin. Benefits include nutrient removal, sediment and BOD reduction, water storage, improved groundwater recharge, improved in-stream and riparian habitat, and restored wetland habitat.

**Table 1. Project Mitigation Structure and Objectives**

Reach Name	As-Built Length (ft)	Wetland (ac)	SMU/WMU	Restoration Approach
UT1-A/B/C	3,403		3,403	Restoration
UT1-D	829		829	Restoration
UT1-E (Valley)	556		556	Restoration
UT1-F	583		583	Restoration
UT2	1,264		1,264	Restoration
UT3-A/B	3,479		3,479	Restoration
UT3-C	292		117	Enhancement
WR-A		3.70	3.70	Restoration
WR-B		6.20	6.20	Restoration
WE-A		0.80	0.40	Enhancement
WE-B		0.70	0.35	Enhancement
WE-C		0.14	0.07	Enhancement
WE-D		0.40	0.20	Enhancement
<b>Total</b>	10,406	11.94	---	

### **2.3 PROJECT HISTORY & SCHEDULE**

The project was constructed in the fall and winter of 2007/2008, and the five year monitoring is expected to be completed in the fall of 2012 (**Table 2**). **Table 3** lists the project contacts.

**Table 2. Project Activity and Reporting History**

Month	Activity
February 2008	Construction Completed
February 2008	Planting Completed
February 2008	Post Construction Monitoring Gauges Installed
May 2008	As-Built Report Submitted
November 2008	1st Annual Monitoring Report
November 2009	2nd Annual Monitoring Report
November 2010	3rd Annual Monitoring Report (Scheduled)
November 2011	4th Annual Monitoring Report (Scheduled)
November 2012	5th Annual Monitoring Report (Scheduled)

**Table 3. Project Contacts**

Contact	Firm Information
<b>Project Manager</b> Norton Webster	Environmental Banc & Exchange , LLC (919) 608-9688
<b>Designer</b> Todd St. John, PE	Kimley-Horn and Associates (919) 653-2950
<b>Monitoring Contractor</b> Daniel Ingram	WK Dickson and Co., Inc (919) 782-0495

## 3.0 HYDROLOGY

### 3.1 HYDROLOGIC SUCCESS CRITERIA

As stated in the Restoration Plan, the hydrology success criterion for the site is to restore wetland hydrology at the site so that water table will remain within 12 inches of the soil surface continuously for at least 10 percent of the growing season (approximately 24 days). The growing season is from March 16 to November 11. Based on daily minimum temperatures greater than 28 degrees Fahrenheit occurring in 5 of 10 years, the growing season for Harnett County is 240 days long. Gauge data will be compared to gauge data from a reference wetland in growing seasons with less than normal rainfall. In periods of low rainfall, if a restoration gauge hydroperiod exceeds the reference gauge hydroperiods, and both exceed five percent of the growing season, then the gauge will be deemed successful. The results of hydrology monitoring across the wetland restoration site is presented in this annual monitoring report.

### 3.2 DESCRIPTION OF HYDROLOGY MONITORING EFFORTS

Eight automated HOBO groundwater gauges, one tipping bucket rain gauge, and one funnel rain gauge were installed prior to the beginning of the first growing season (**Figure 3**). Three additional automated groundwater gauges were installed in a reference wetland. Groundwater gauges are installed to a minimum depth of 40 inches below the ground surface. The monitoring protocol for the site specifies that automated monitoring stations will be downloaded and checked for malfunctions on a monthly basis. During monthly site visits, manual groundwater gauges are read, crest gauge readings are taken, and cumulative rainfall totals are collected from the on-site rain gauges. During the 2009 growing season, seven of the eight automated loggers performed well with no periods of missing data. Gauge BDAW7 malfunctioned from February to May, but was relaunched in early May and has functioned properly since. Assumptions were made for the missing data of BDAW7 based on monthly readings, prior performance, and its proximity to other wells.

#### *Automated Gauges*

HOBO automatic groundwater gauges record water table elevations four times daily at 06:00, 12:00, 18:00, and 24:00. These automatic gauges employ pressure sensors that record water elevation above the bottom of the sensor (with atmospheric pressure compensation). The calibration water table depth is recorded at monthly downloads. To determine wetland hydroperiods, the automatically recorded data are compared to the calibration data to determine a standard correction factor between the calibration gauge and the automatic gauge for each location. The standard correction factor is applied to correct daily readings. The corrected daily readings are used to determine wetland hydroperiods.

#### *Data Interpretation*

Wetland hydroperiods are calculated for four daily water table depth elevations. A hydroperiod is calculated if the water table is equal to or less than 12 inches below ground surface for at least 24 hours. If a gauge falls below -12 inches for four consecutive readings (24 hours) then the

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hydroperiod ends at the last reading within 12 inches of the ground surface. If a gauge falls below -12 inches for only three readings then maintains a reading above -12 inches for a minimum of 24 hours, the hydroperiod is calculated continuously. This methodology accounts for minor technical malfunctions experienced by the automatic gauges.

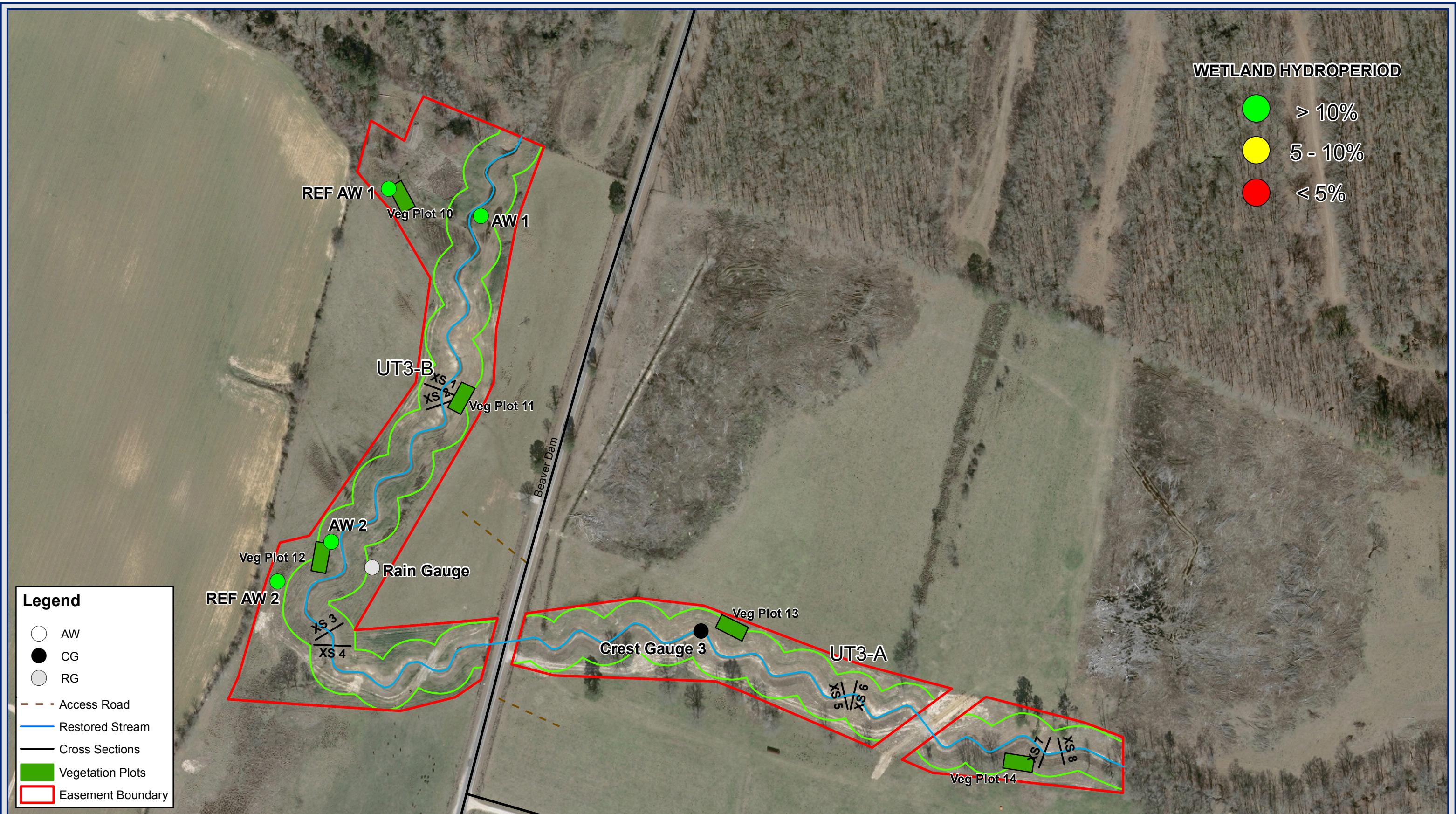


Figure 3a  
Beaverdam  
2009 Monitoring Site Map



0 200 400 800 Feet

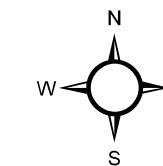
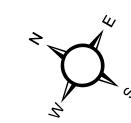




Figure 3b  
Beaverdam  
2009 Monitoring Site Map



### 3.3 RESULTS OF HYDROLOGY MONITORING

The following hydroperiod statistics were calculated for each monitoring station during the growing season: 1) period of most consecutive days and percent of growing season that the water table was within twelve inches of the surface; 2) cumulative number of days and percent of growing season that the water table was within twelve inches of the soil surface; and 3) number of times that the water table rose to within twelve inches of the soil surface (**Table 4**). Raw hydrograph data collected from the monitoring gauges are provided in **Appendix C**.

**Table 4.** Hydrologic Monitoring Results

2009 Max Hydroperiod (Growing Season 16-Mar through 11-Nov, 240 days)					
Gauge	Consecutive		Cumulative		Occurrences
	Days	Percent of growing Season	Days	Percent of growing Season	
AW1	75	31	126	52	5
AW2	25	10	68	28	13
AW3	240	100	240	100	1
AW4	7	3	11	4	5
AW5	50	21	150	63	8
AW6	23	10	58	24	10
AW7	38	16	47	20	3
AW8	58	24	98	41	8
REFAW1	78	32	148	62	7
REFAW2	34	14	92	38	10
REFAW3	50	21	93	39	5

The site was designed to re-integrate the streams with the drained wetlands, restoring stream and wetland habitat features, and re-establishing a native, forested hardwood wetland ecosystem. Hydrology in the riparian areas is driven primarily by high groundwater and overbank flooding. The growing season data collected for the 2009 Year 2 monitoring period indicate that the site is on track to meet the success criteria as outlined in the Mitigation Plan.

**Table 5** lists the minimum depth at which the under performing gauge achieved a 10 percent hydroperiod. These data demonstrate that all of the wetland areas had a water table within 14 inches of the surface for considerable portions of the growing season.

**Table 5.** Hydroperiod Depths for Unsuccessful Gauges

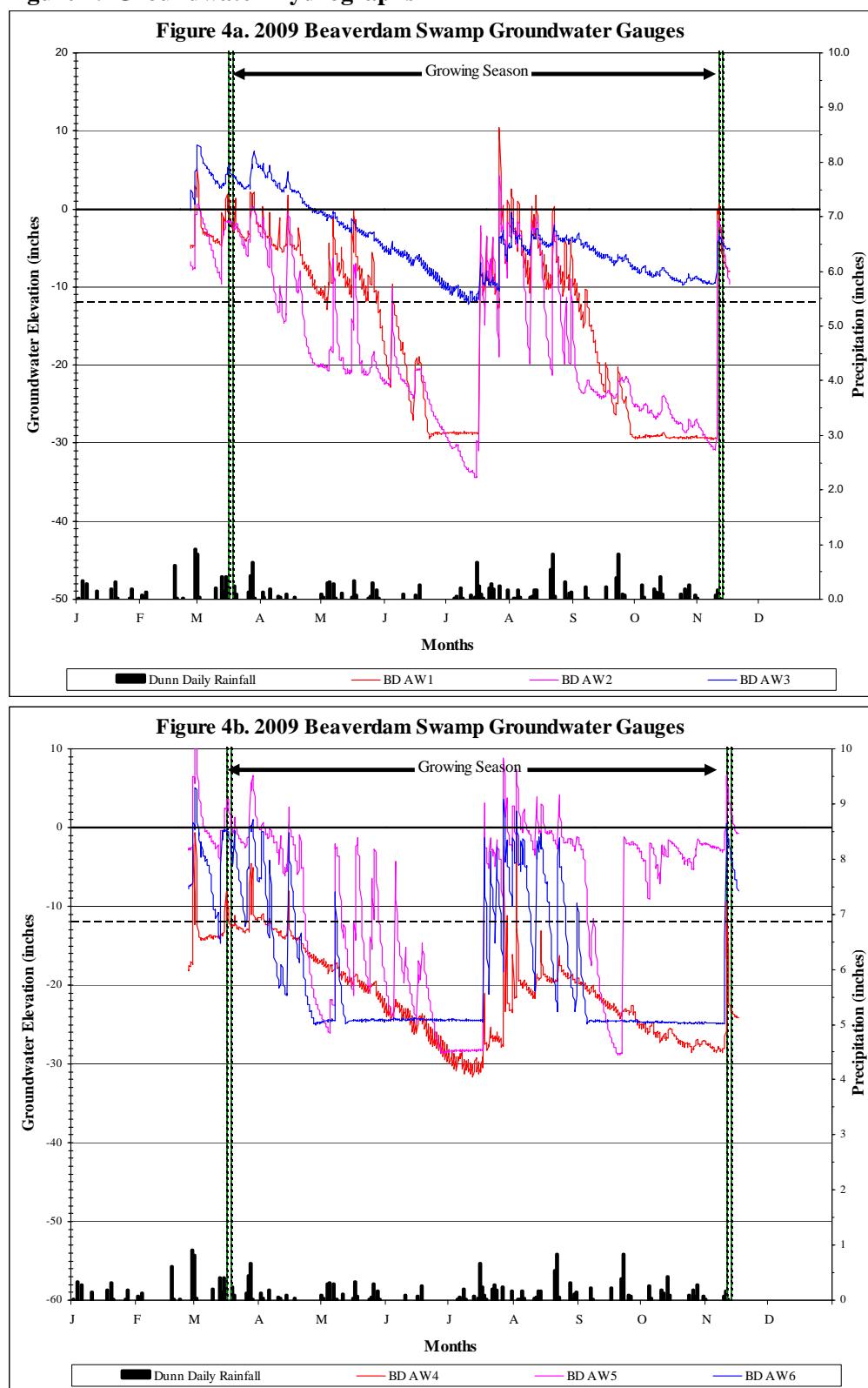
Gauge	10 Percent Hydroperiod Depth
AW4	-13.32

#### 3.3.1 Site Data

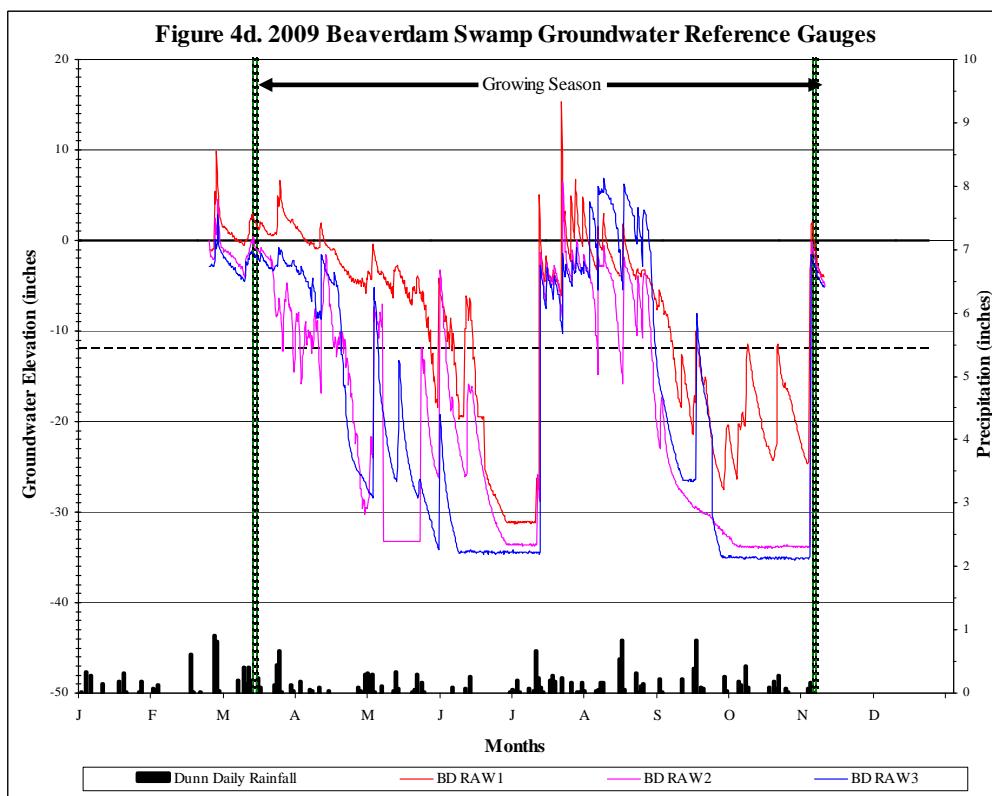
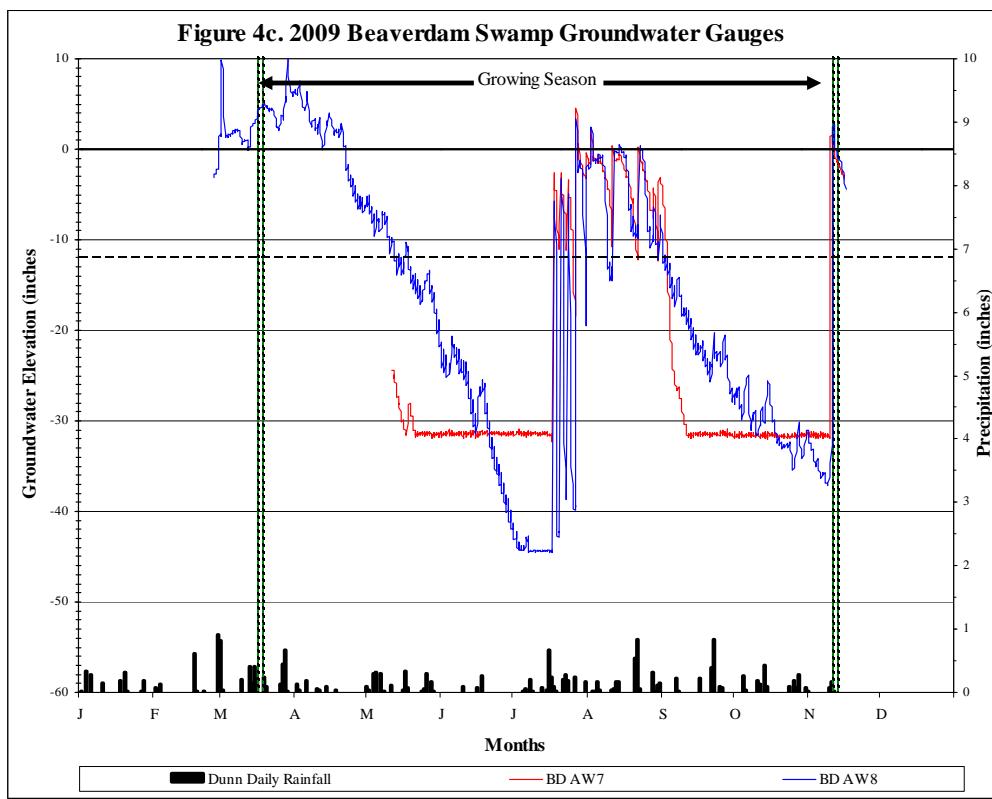
Depth of groundwater for each of the monitoring gauges is shown in a graph with precipitation (**Figure 4**). This hydrograph demonstrates the reaction at each monitoring location of the groundwater level to specific rainfall events. Raw hydrograph data collected from the monitoring gauges is provided in **Appendix C**.

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**Figure 4. Groundwater Hydrographs**



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### **3.3.2 Reference Data**

The approved Mitigation Plan provides that if the rainfall data for any given year during the monitoring period is not normal, the reference wetland data can be assessed to determine if there is a positive correlation between the performance of the restoration site and the natural hydrology of the reference site. The three reference gauges had hydroperiods ranging from 14 to 32 percent of the growing season.

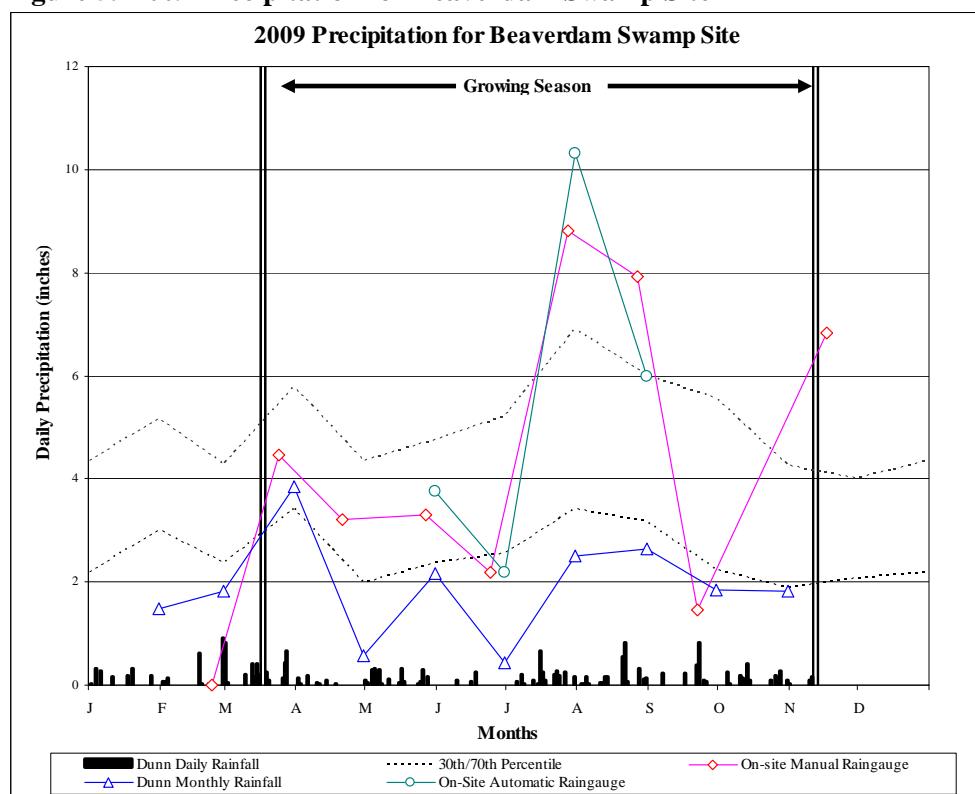
### **3.3.3 Climate Data**

Monthly rainfall for 2009 was compared to historical precipitation for Harnett County (**Table 6** and **Figure 5**). Observed precipitation data were collected from an automated weather station in Dunn (Harnett County). The Dunn weather station data for 2009 was within normal limits for the growing season. Rainfall amounts during the months of March through May were at or slightly below the annual averages. Rainfall was below normal limits in June; but exceeded normal limits in July and August. Monthly rainfall data for the site in September through December was not available at the time this report was compiled.

**Table 6. Comparison of Normal Rainfall to 2009 Observed Rainfall**

<b>Month</b>	<b>Average</b>	<b>Normal Limits</b>		<b>Dunn Precipitation</b>	<b>On-Site Manual RG</b>	<b>On-Site Automatic RG</b>
		<b>30 Percent</b>	<b>70 Percent</b>			
January	4.12	3.00	5.18	1.48	---	---
February	3.59	2.36	4.27	1.83	---	---
March	4.71	3.42	5.78	3.84	4.47	---
April	3.25	1.99	4.34	0.56	3.22	---
May	3.82	2.37	4.75	2.17	3.30	3.75
June	4.50	2.56	5.22	0.43	2.18	2.19
July	5.64	3.42	6.89	2.50	8.82	10.31
August	4.86	3.17	6.02	2.65	7.92	5.99
September	4.50	2.24	5.56	1.84	1.46	0.47
October	3.16	1.89	4.26	1.83	---	2.05
November	3.08	2.07	4.01	---	6.83	3.70
December	3.57	2.18	4.35	---	---	---
Annual	---	42.45	51.56	19.13	38.20	28.46
Total	48.80	---	---	---	---	---

**Figure 5. 2009 Precipitation for Beaverdam Swamp Site**



### 3.4 HYDROLOGIC CONCLUSIONS

Data collected from the groundwater monitoring gauges on the Beaverdam Mitigation Site in 2009 indicate that seven of the eight hydrology monitoring stations recorded hydroperiods of at least 10 percent of the growing season and meet the hydrologic success criterion for 2009. One well recorded a water table depth within 12 inches of the surface for the entire growing season. One gauge experienced a hydroperiod of less than 5 percent, but achieved a 10 percent hydroperiod at a depth of no greater than 14 inches below the soil surface. All three of the reference gauges had hydroperiods greater than 10 percent.

Dunn weather station rainfall data indicates that the 2009 growing season rainfall amounts were well below normal for most of the growing season, except for March, when rainfall levels were within the normal range.

## 4.0 VEGETATION

### 4.1 VEGETATION SUCCESS CRITERIA

Successful establishment of vegetation in wetland restoration and riparian areas will be the survival of 260-planted stems following Year 5 monitoring. The site must also meet the interim success criterion of the survival of at least 320 planted stems per acre at the end of the Year 3 monitoring period. Up to 20 percent of the species composition may be comprised of volunteers. Remedial action may be required should volunteers present a problem or exceed 20 percent composition.

A digital image photo log will be used to subjectively evaluate the restoration site over time. A series of images over the five-year monitoring period should demonstrate maturation of planted vegetation and volunteer hydrophytic species.

#### **4.2 DESCRIPTION OF SPECIES AND VEGETATION MONITORING**

Fourteen vegetation sampling plots were established within the planted restoration areas to monitor the success of planted vegetation. The vegetation plots are 0.05 acres in size. The vegetation plots are distributed across the site, but the precise location and orientation of the plots was random (see locations on as-built drawings in **Appendix A**). The plots cover approximately two percent of the planted area. Twelve tree species were planted on the site (**Table 7**).

**Table 7. Planted Tree Species**

Common Name	Scientific Name	FAC Status
River Birch	<i>Betula nigra</i>	FACW
Pignut Hickory	<i>Carya glabra</i>	FACU
Green Ash	<i>Fraxinus pennsylvanica</i>	FACW
Black Walnut	<i>Juglans nigra</i>	FACU
Tulip Poplar	<i>Liquidambar styraciflua</i>	FAC+
Swamp Tupelo	<i>Nyssa biflora</i>	OBL
Overcup Oak	<i>Quercus lyrata</i>	OBL
Swamp Chestnut Oak	<i>Quercus michauxii</i>	FACW-
Coastal Willow Oak	<i>Quercus phellos</i>	FACW-
Northern Red Oak	<i>Quercus rubra</i>	FACU
Bald Cypress	<i>Taxodium distichum</i>	OBL
Slippery Elm	<i>Ulmus rubra</i>	FAC

Planted stems inside each plot were flagged with orange or pink flagging to help in locating them in the future. Each stem is tagged with a sequentially numbered aluminum tag.

#### **4.3 RESULTS OF VEGETATION MONITORING**

Stem counts for each of the 14 vegetation-monitoring plots were recorded by species (**Table 8**). Most of the planted stems appeared healthy and have recent growth. During Year 1 (2008), a number of the plots were located in areas where livestock accidentally accessed the restoration area and damaged many stems. The access points have since been secured. The damage increased mortality in a number of the plots. Because of previous mortality in some plots during the first year, areas of the site were supplemented with additional trees. The planted stems in the monitoring plots ranged from 340 to 640 stems per acre with an average of 508 stems per acre (**Table 9**). A few of the numbered tags have been lost or damaged. This may be due to tags being swept over small stems during early flooding or small animal theft.

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**Table 8. Results of 2009 Vegetation Monitoring by Plot**

Species	VP 1	VP 2	VP 3	VP 4	VP 5	VP 6	VP 7	VP 8	VP 9	VP 10	VP 11	VP 12	VP 13	VP 14
Black gum	3	10	2	4	7	6		5	3	12	9	10		
Black walnut			1		1							1		
Cypress	4	2	3	3			1		4	10	2	3		
Green ash	14	7	3	2	5	5	4	7	3		2	7		
Hickory					1						2	6		
Northern red oak				1			2				2		12	18
Overcup oak	2	6	8	8	5		12	4		7				
River birch		4	2	6	6	8	8	2	3	1	3			
Slippery elm							3				1		13	5
Swamp chestnut oak								2	4			3		
Tulip poplar	2			2				2			1			
Willow oak	2		2					5				2	2	1

**Table 9. Summary of Vegetation Monitoring Results – Year 2**

Plot Number	Stems Planted	2009 Stems	Stem per Acre					
			As-Built	2008	2009	2010	2011	2012
				Year 1	Year 2	Year 3	Year 4	Year 5
1	35	27	620	360	540			
2	40	29	640	420	580			
3	37	21	600	340	420			
4	41	26	640	340	520			
5	41	25	620	260	500			
6	35	19	660	360	380			
7	43	30	620	360	600			
8	33	27	660	560	540			
9	26	17	400	340	340			
10	32	30	460	420	600			
11	38	22	760	480	440			
12	35	32	700	640	640			
13	34	27	680	500	540			
14	33	24	660	480	480			

Average Stems per Acre: 508

Range of Stems per Acre: 340-640

A plan view drawing of the vegetation plots is provided in **Figures 6a and 6b**. The drawing includes the appropriate information pertaining to vegetation monitoring of the project. The drawing also shows the locations of the following features:

- Vegetation monitoring plots
- Locations of any vegetation problem areas
- Symbology to represent vegetative problem types (if appropriate)

An estimate of herbaceous vegetation cover is provided to assess the overall stability of the site (**Table 10**). The herbaceous vegetation coverage at the site is over 90 percent and is variable in composition, as would be expected in a natural riparian system. In most plots, the vegetation shows vigorous growth and diversity. Previous areas observed to have bare soil are well

*Beaverdam Mitigation Site*  
**FINAL - Annual Monitoring Report for 2009 (Year 2)**

vegetated. The areas lacking vegetative cover are typically shallow depressions with signs of frequent and long term inundation typical of wetlands and riparian areas. Plot 7 is along the edge of a mature forested buffer. The areas lacking coverage have scattered individual plants but have not filled in. Bare soil also exists in portions of this plot. Plot 14 is elevated above the channel floodplain and appears to be drier. Diversity in all plots is good. No remedial action is recommended at this time.

**Table 10. Estimated Herbaceous Total Percent Cover**

<b>Plot Number</b>	<b>Estimated Percent Cover</b>
1	99%
2	97%
3	88%
4	97%
5	98%
6	95%
7	70%
8	100%
9	95%
10	92%
11	93%
12	97%
13	85%
14	70%

The herbaceous cover is typically dense across most of the site and a number of weeds typical of pasture and disturbed land are present. The most common herbaceous species across the site (occurrence in at least 50 percent of the plots) are beaked panic grass (*Panicum anceps*), Canada goldenrod (*Solidago canadensis*), common rush (*Juncus effusus*), dog fennel (*Eupatorium capillifolium*), swamp sunflower (*Helianthus angustifolius*), and tall fescue (*Schedonorus phoenix*). A number of different sedges (*Carex* sp) were recorded in greater than 50 percent of the plots. Overall diversity appears to have increased across the site and weedy species have decreased in dominance.

Commonly found woody volunteer species are also monitored throughout the five-year monitoring period (**Table 11**). The volunteer species are not always obvious due to germination after construction and planting. Vigor and survival due to the earlier drought may also have affected the volunteer species. In some areas, dense herbaceous cover also obscures smaller volunteer individuals.

**Table 11. Volunteer Tree Species**

Common Name	Scientific Name	Indicator Status
Red Maple	<i>Acer rubrum</i>	FAC
Eastern Baccharis	<i>Baccharis halimifolia</i>	FAC
River Birch	<i>Betula nigra</i>	FACW
American Hornbeam	<i>Carpinus caroliniana</i>	FAC
Common Buttonbush	<i>Cephalanthus occidentalis</i>	OBL
Hawthorn	<i>Crataegus</i>	FAC
Persimmon	<i>Diospyros virginiana</i>	FAC
Green Ash	<i>Fraxinus pennsylvanica</i>	FACW
Privet	<i>Ligustrum sinense</i>	FAC
Sweetgum	<i>Liquidambar styraciflua</i>	FAC+
Tuliptree	<i>Liriodendron tulipifera</i>	FAC
Black Gum	<i>Nyssa sylvatica</i>	FAC
Overcup oak	<i>Quercus lyrata</i>	OBL
Swamp Chestnut Oak	<i>Quercus michauxii</i>	FACW-
Winged Sumac	<i>Rhus copallina</i>	NI
Silky Willow	<i>Salix sericea</i>	OBL
American Black Elderberry	<i>Sambucus nigra</i> . ssp. <i>canadensis</i>	FACW-
Winged Elm	<i>Ulmus alata</i>	FACU+
Slippery Elm	<i>Ulmus rubra</i>	FAC

#### **4.4 VEGETATION OBSERVATIONS & CONCLUSIONS**

In general, the live stems were healthy and most exhibited significant new growth. In the past, a number of incidents where cattle entered the planted easement area were recorded. This has been corrected and the site appears to have recovered with healthy vegetative growth across the site. Because of low survival in the initial planting, areas with low survival were replanted during the winter/spring of 2009. The replanted trees appear healthy with new growth. All plots are on track to meet or exceed the interim success criteria of 320 stems per acres after three years.

Herbaceous vegetation appears good and is improving over time. Both hydrophytic and non-hydrophytic herbaceous vegetation is found across the site. The most common herbaceous species across the site (occurrence in at least 50 percent of the plots) are beaked panic grass (*Panicum anceps*), Canada goldenrod (*Solidago canadensis*), common rush (*Juncus effusus*), dog fennel (*Eupatorium capillifolium*), swamp sunflower (*Helianthus angustifolius*), and tall fescue (*Schedonorus phoenix*). In addition to common hydrophytic species of common rush and swamp sunflower, arrowleaf tearthumb (*Polygonum sagittatum*), deer tongue (*Dichanthelium clandestinum*) and crimson rosemallow (*Hibiscus moscheutos*), primrose-willow (*Ludwigia* sp.), trumpet creeper (*Campsis radicans*), Woolgrass (*Scirpus cyperinus*) and are present.

For the 2009 monitoring year, the average number of stems per acre on site is 508 and plots range from 340 to 640 stems per acre. No remedial actions are recommended.

## **5.0 STREAM MONITORING**

### **5.1 STREAM SUCCESS CRITERIA**

As stated in the approved Mitigation Plan, the stream restoration success criteria for the site includes the following:

- *Bankfull Events:* Two bankfull flow events must be documented within the five-year monitoring period.
- *Cross-Sections:* There should be little change in as-built cross sections. Cross sections shall be classified using the Rosgen stream classification method and all monitored cross-sections should fall within the quantitative parameters defined for "E" or "C" type channels.
- *Longitudinal Profiles:* The longitudinal profiles should show that the bedform features are remaining stable, e.g. they are not aggrading or degrading. Bedforms observed should be consistent with those observed in "E" and "C" type channels.
- *Photo Reference Stations:* Photographs will be used to subjectively evaluate channel aggradation or degradation, bank erosion, success of riparian vegetation and effectiveness of erosion control measures.
- *Benthic Macroinvertebrates:* Sampling of benthic macroinvertebrates within the restored stream channel shall be conducted for the first three years of post-restoration monitoring.

## **5.2 STREAM MORPHOLOGY MONITORING PLAN**

The stream monitoring program will be implemented to document system development and progress toward achieving the success criteria. The monitoring program will be undertaken for 5 years or until the final success criteria are achieved, whichever is longer.

### **5.2.1 Cross Sections**

Two permanent cross sections will be installed per 1,000 linear feet of stream restoration work, with one located at a riffle and one located at a pool. Each cross section will be marked on both banks with permanent pins to establish the exact transect used. A common benchmark will be used for cross sections to facilitate easy comparison of year-to-year data. The annual cross-section survey will include points measured at all breaks in slope, including top of bank, bankfull, inner berm, edge of water, and thalweg, if the features are present. Riffle cross sections will be classified using the Rosgen stream classification system.

### **5.2.2 Longitudinal Profile**

A longitudinal profile will be measured annually throughout the five-year monitoring period. The profile will be measured along a representative length of restored channel. Measurements will include thalweg, water surface, bankfull, and top of low bank. Each of these measurements will be taken at the head of each feature, for example, shallow, pool, and the max pool depth. The survey will be tied to a permanent benchmark.

### **5.2.3 Hydrology**

The occurrence of bankfull events within the monitoring period will be documented by the use of a crest gauge and photographs. The two crest gauges will record the highest watermark between site visits, and the gauge will be checked monthly to document high flows. Digital images will be used to document the occurrence of debris lines and sediment deposition on the floodplain during monitoring site visits.

### **5.2.4 Photo Reference Stations**

Photographs will be used to subjectively evaluate channel aggradation or degradation, bank erosion, success of riparian vegetation and effectiveness of erosion control measures.

## **5.3 STREAM MORPHOLOGY MONITORING RESULTS**

### **5.3.1 Cross Sections**

The cross sections were surveyed during the monitoring set-up and in July 2009 for Year 2. The baseline data has been compared with the Year 1 and Year 2 monitoring data in **Appendix B**. Compared to the documented baseline data, the Year 2 channel cross sections showed that overall stream dimensions remained stable during this first growing season. There is very little difference between the baseline cross sections and the Year 2 cross sections.

### **5.3.2 Longitudinal Profile**

A longitudinal profile survey was conducted along six separate reaches of the restoration project, totaling approximately 3,455 linear feet. Survey was conducted in reach UT1-B Upper from STA 112+72 to STA 119+20, in reach UT1-C from STA 107+00 to STA 112+72, in reach UT1-D from STA 154+00 to STA 158+30, in reach UT1-F from STA 182+80 to STA 185+80, in UT3-A from STA 239+00 to STA 335+00, and in reach UT3-B from STA 307+00 to STA 315+20. The longitudinal profile information documents the elevations and locations of known streambed features and in-stream grade control structures according to the As-Built survey plans, as shown in **Appendix A**. The profile and cross sections show that there has been very little adjustment to stream dimension since construction. **Table 12** summarizes stream areas requiring observation. **Figure 6** shows the locations of the stream areas that require observation.



Figure 6a  
Beaverdam Mitigation Project  
2009 Stream Current Conditions Map

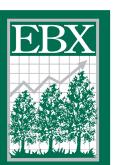
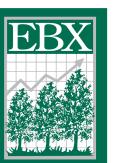




Figure 6b  
Beaverdam Mitigation Project  
2009 Stream Current Conditions Map



0 200 400 800 Feet

**Table 12. Stream Areas Requiring Observation**

SPA	Feature	STA	Description
SPA1	Right Bank	UT1-C 107+15	Rills and heavy erosion on right bank, will continue to monitor
SPA2	Rock A-vane	UT1-A 133+40	Slight piping around header rock, will continue to monitor
SPA3	Rock A-vane	UT1-A 134+40	Slight piping around header rock, will continue to monitor
SPA4	Rock A-vane	UT2 211+00	Slight piping around header rock, repair is recommended
SPA5	Rock A-vane	UT2 211+30	Slight piping around header rock, will continue to monitor
SPA6	Right bank	UT3 329+50	Rills and heavy erosion on left bank, will continue to monitor
SPA7	Left bank	UT3 330+50	Rills and heavy erosion on left bank, will continue to monitor
SPA8	Left bank	UT3 334+00	Rills and heavy erosion on left bank, will continue to monitor

### 5.3.3 Hydrology

During 2009, three crest gauges were monitored to determine if there were any out-of-bank events in the Beaverdam stream channel (**Table 13**). A total of seven bankfull events were documented between February and August. CG1 (UT1-A) and CG2 (UT2) each had one bankfull event in July. CG3 (UT3-A) had five bankfull events in 2009. The largest stream flow documented for Year 2 by the onsite crest gauges was a flow that occurred during July.

**Table 13. Crest Gauge Data**

Month Recorded	CG1	CG2	CG3
January	---	---	---
February	---	---	0.4
March	---	---	0.65
April	---	---	0.3
May	---	---	---
June	---	---	---
July	0.25	0.2	1.4
August	---	---	0.5
September	---	---	---
October	---	---	---
November	---	---	---
December	---	---	---

## **5.5 STREAM CONCLUSIONS**

In-stream structures installed within the channel include cross vanes, log vanes, rock vanes, log weirs, and step-pools. Visual observations of structures throughout the 2009 growing season indicated that most structures are functioning as designed. One log weir in UT3-B was set too high causing deposition and vegetation growth in the channel upstream of the structure. This structure has since been notched to allow for lower flows. In UT2 erosion was occurring behind the header rock of one rock A-vane, and the header rock of one rock cross vane was set too high, allowing water to flow around the header rocks of both structures. Header rocks of three rock A-vanes in UT1-A were set too high. No major areas of bank erosion or stability issues were observed. The banks and structures will be monitored to ensure that they remain stable. **Table 14** summarizes the morphologic parameters; a more detailed morphologic parameters table is provided in **Appendix E**.

**Table 14. Summary of Morphologic Monitoring Parameter**

Parameter	Reach UT1-A			Reach UT1-B Upper			Reach UT1-C			Reach UT1-D			Reach UT1-F			Reach UT2			Reach UT3-A			Reach UT3-B Upper		
	As-Built	Year 1	Year 2	As-Built	Year 1	Year 2	As-Built	Year 1	Year 2	As-Built	Year 1	Year 2	As-Built	Year 1	Year 2	As-Built	Year 1	Year 2	As-Built	Year 1	Year 2	As-Built	Year 1	Year 2
Bankfull Xsec Area, Abkf (sq ft)	9.6	7.5	7.9	5.8	4.6	4.4	18.4	16.5	15.8	6.8	9	8.7	5.4	4.8	5.2	9.5	9.1	8.9	4.7	4.9	4.8	14.9	13.9	12.2
Avg. Bankfull Width, Wbkf (ft)	7.6	7.4	7.1	9.9	9	9.1	16.4	15.1	16.1	9.8	11.8	11.5	9	9.2	9.9	10.5	10.4	10.4	6.0	7.4	8.2	24.1	23.6	23.8
Bankfull W/D	6.1	7.3	6.5	16.9	17.5	18.8	14.6	13.7	16.3	14	15.4	15.1	15.1	17.4	18.7	11.6	11.9	12.1	11.1	11.2	14.4	39.8	40.7	46.8
Bankfull Mean Depth, Dbkf (ft)	1.3	1	1.1	0.6	0.5	0.5	1.1	1.1	1.0	0.7	0.8	0.8	0.6	0.5	0.5	0.9	0.9	0.9	0.7	0.7	0.6	0.6	0.6	0.5
Bankfull Max Depth, Dmax (ft)	1.9	1.7	1.8	1.1	0.9	0.9	2.5	2.1	2.1	1.3	1.5	1.5	1.2	1	1	1.7	1.6	1.6	1.2	1.4	1.3	1.4	1.3	1.3

Note: The data presented here are averages of the cross section data for each stream reach. Variations in the data are due to channel adjustment and changes in bankfull elevation.

## **6.0 CONCLUSIONS AND RECOMMENDATIONS**

- Seven of the eight hydrology monitoring stations recorded hydroperiods of at least 10 percent of the growing season and meet the hydrologic success criterion for 2009. The remaining gauge experienced a hydroperiod below five percent. This gauge (BDAW4) recorded a 10 percent hydroperiod within 14 inches of the soil surface. All three reference gauges had hydroperiods greater than 10 percent.
- Dunn weather station rainfall data indicates that the 2009 growing season rainfall amounts were well below normal for most of the growing season, except for March, when rainfall levels were within the normal range.
- Vegetation monitoring efforts have calculated the average number of stems per acre on site to be 508 for the 2009 monitoring year, with the range of stem density being 340 to 640 stems per acre. In general, the live stems were healthy and most exhibited significant new growth. In the past, a number of incidents where cattle accidentally entered the planted easement area were recorded. This has been corrected and the site appears to have recovered with healthy vegetative growth across the site. Because of low survival in the initial planting, areas with low survival were replanted during the winter/spring of 2009. The replanted trees appeared healthy with new growth. All plots are above the minimum criteria of 320 stems per acres after three years, and no remedial actions are recommended.
- Data collected during monitoring Year 2 and observations of conditions at the site indicate that the project continues to be successful. The stream morphology is generally stable. A few in-stream structures seem to have been installed improperly, with minor occurrences of erosion and deposition. Several structures were stable, although not functioning as designed. It was concluded that the site continues to be on track to achieve the stream success criteria specified in the Restoration Plan.
- Vegetation, hydrologic, and stream monitoring will continue through 2012.

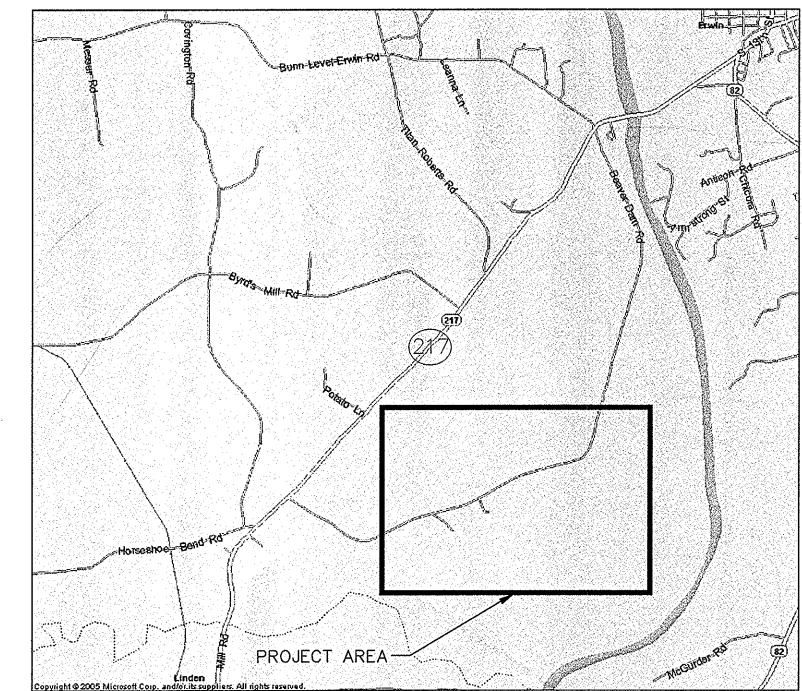
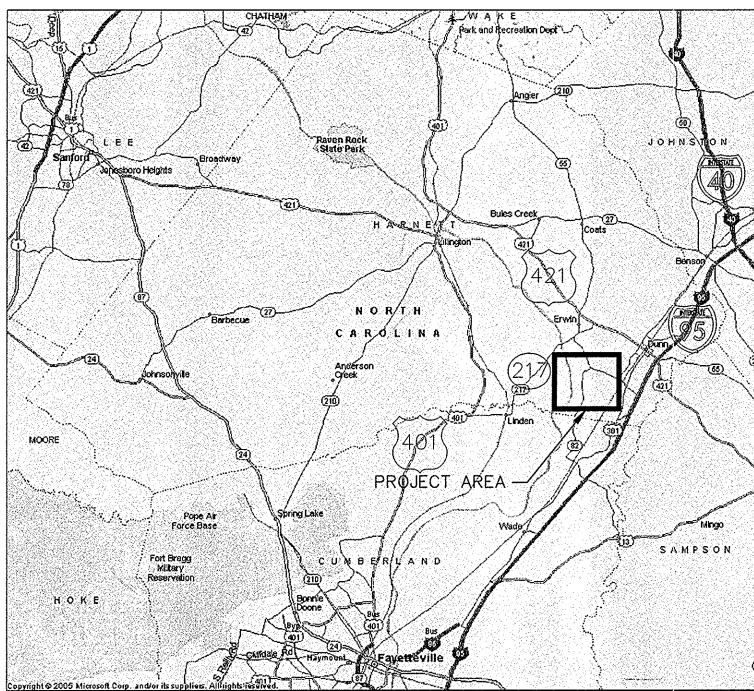
## **APPENDIX A**

### **As-Built Survey**

# RECORD SET FOR BEAVERDAM SWAMP STREAM AND WETLAND RESTORATION PROJECT EBX NEUSE I, LLC



HARNETT COUNTY, NORTH CAROLINA  
STATE PROJECT NO.: D06029-B



## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	LEGENDS AND SYMBOLS
4-19	GRADING PLAN AND PROFILE
20-23	TYPICAL CROSS SECTIONS
24-39	PLANTING PLAN

*The record drawings represent the construction plans with adjustments made to represent constructed conditions.*

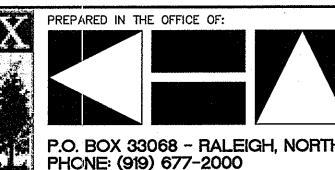
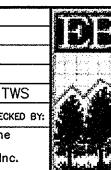


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ENVIRONMENTAL BANC & EXCHANGE CONTACT: NORTON WEBSTER (919) 829-9909  
DISTURBED AREA: 33.4 ACRES

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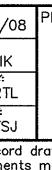
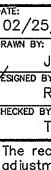
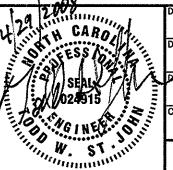
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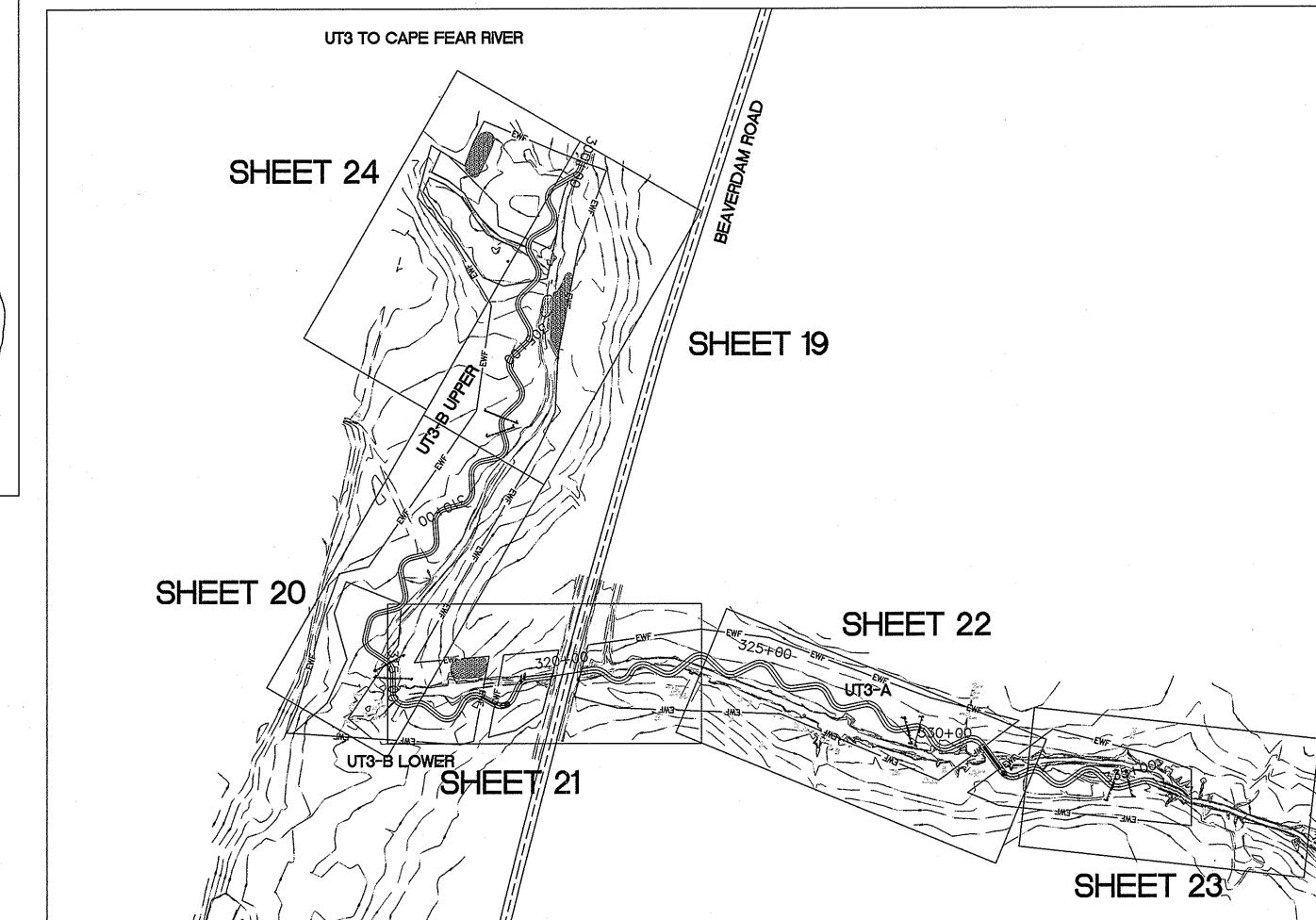
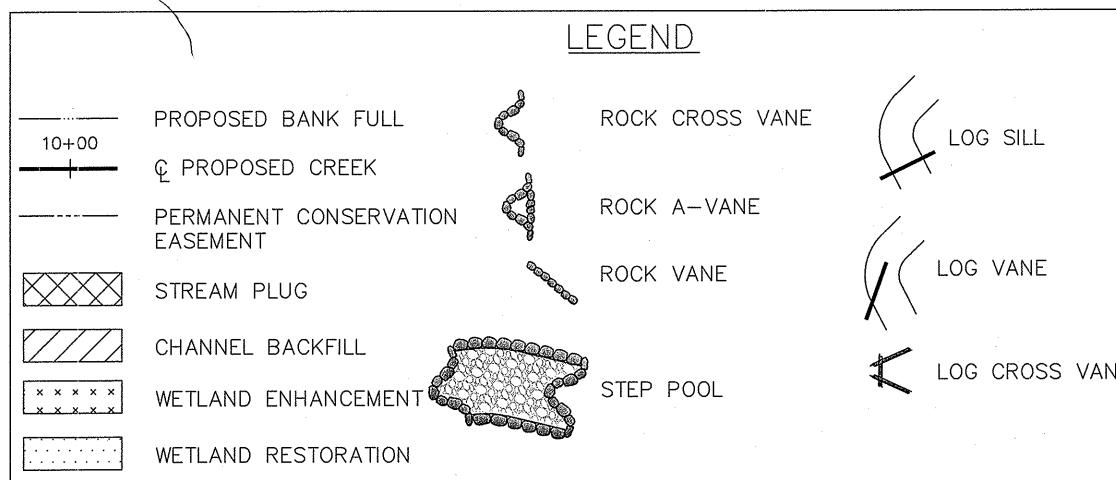
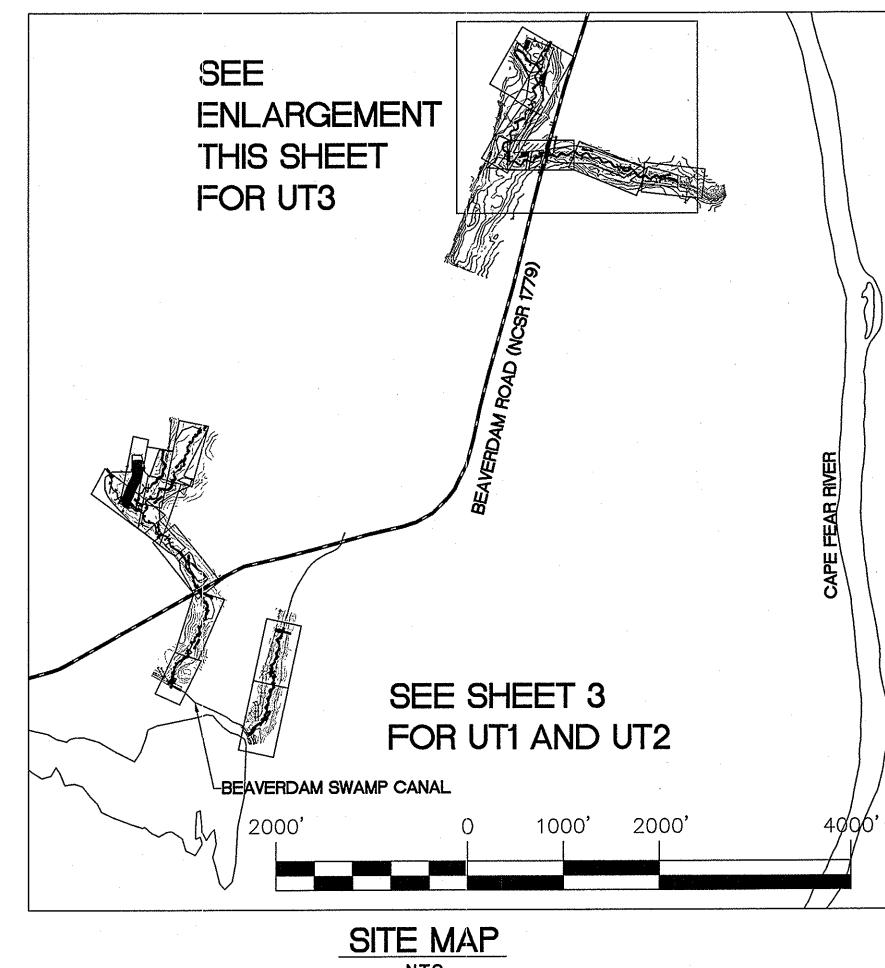
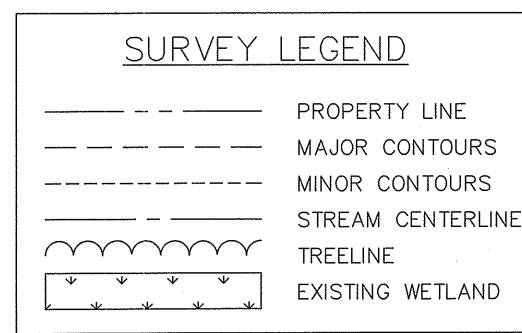
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TITLE: TITLE SHEET	DRAWN BY: JIK
	DESIGNED BY: RTL
	CHECKED BY: TSJ



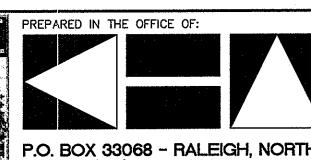
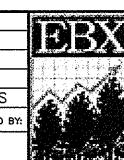
PROJECT:  
**BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC**

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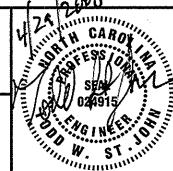
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ECOSYSTEM ENHANCEMENT PROGRAMTITLE:  
LEGENDS AND  
SYMBOLS

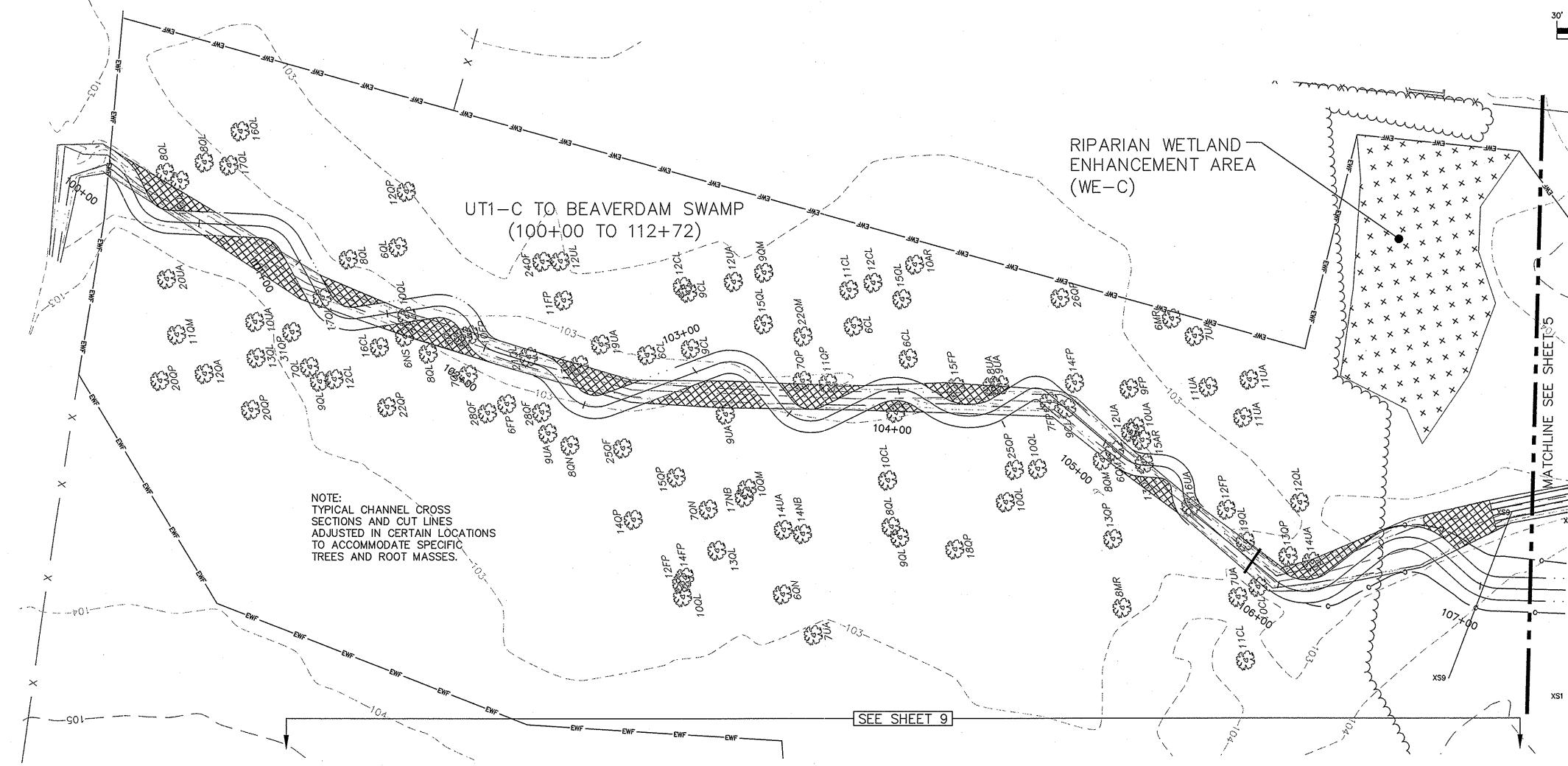
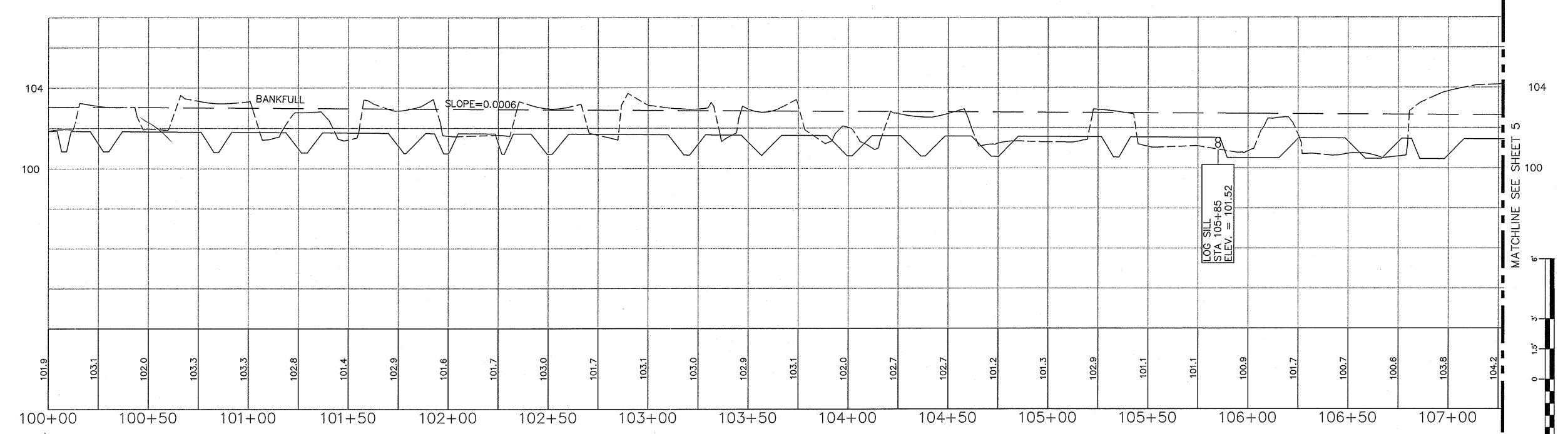
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**PROFILE LEGEND**

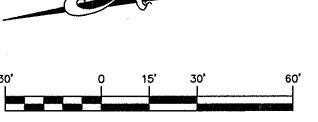
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- C OF NEW CHANNEL
- EXISTING GROUND-CENTER
- LOG CROSS VANE
- LOG SILL
- ROCK CROSS VANE
- A-VANE

**LEGEND**

- PROPOSED BANK FULL
- C PROPOSED CREEK
- E PERMANENT CONSERVATION EASEMENT
- ENF PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING
- C CUT LINE (PROVIDED IN FORESTED AREA ONLY)
- ■ STREAM PLUG
- ▨ CHANNEL BACKFILL
- X WETLAND RESTORATION
- ▨ STREAM VALLEY RESTORATION
- X WETLAND ENHANCEMENT
- ROCK CROSS VANE
- LOG SILL
- ROCK A-VANE
- ROCK VANE
- LOG CROSS VANE
- LOG VANE

**SURVEY LEGEND**

- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND



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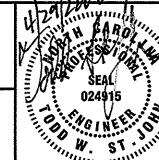
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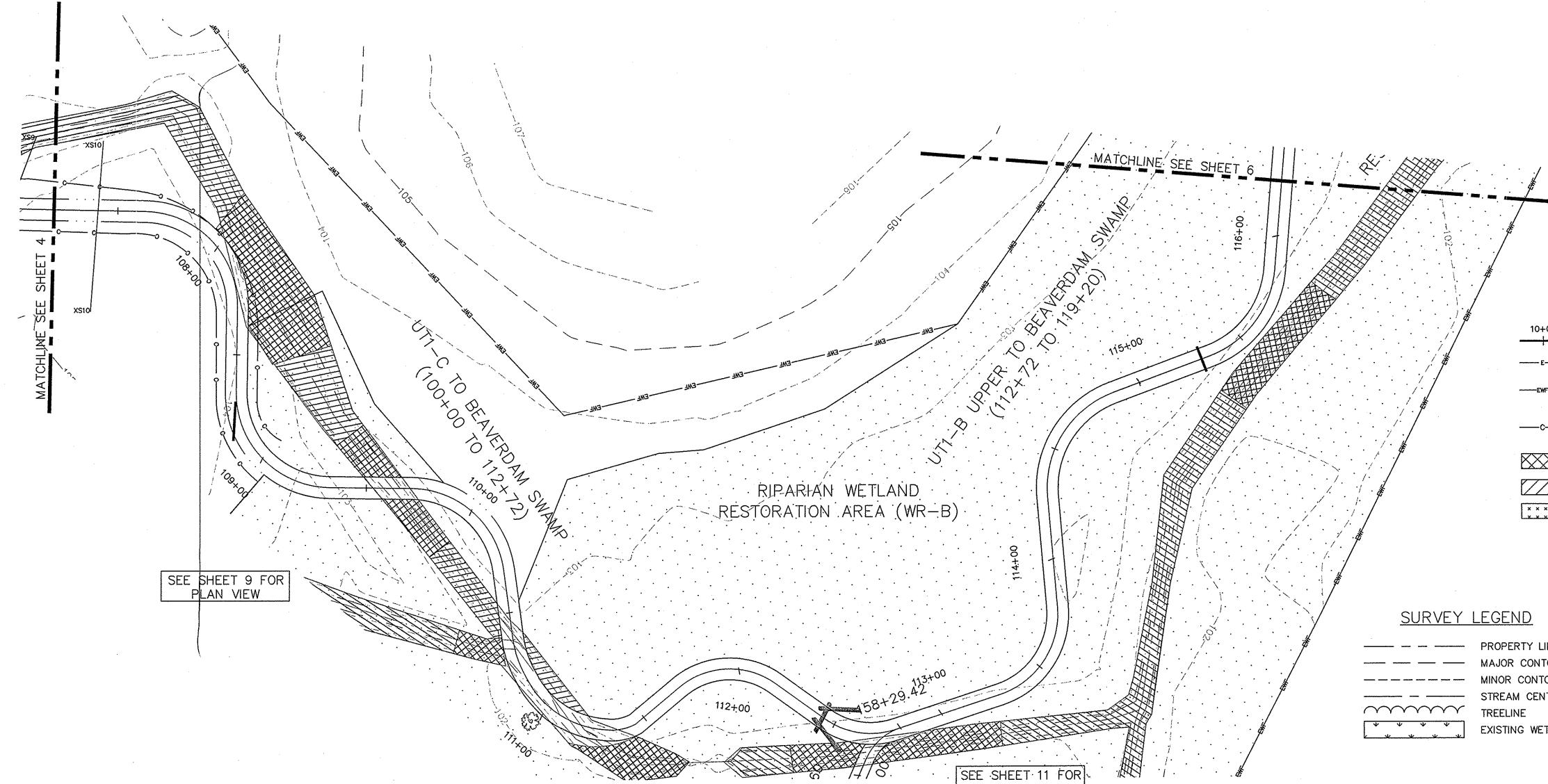
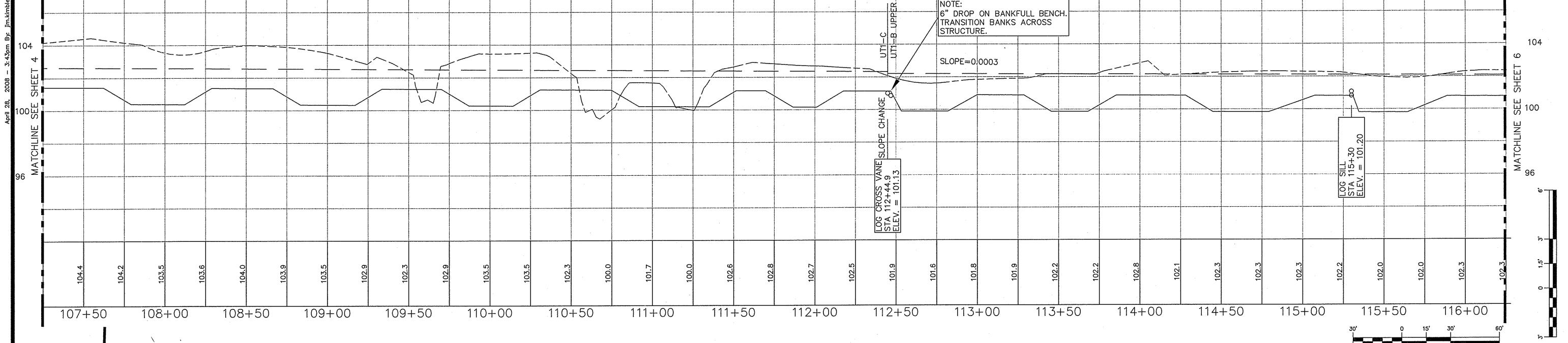


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DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

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#### PROFILE LEGEND

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- EXISTING GROUND-CENTER
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- LOG SILL
- ROCK CROSS VANE
- A-VANE

#### LEGEND

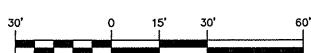
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| —     | — PROPOSED CREEK                                       |
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| EWF   | PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING |
| C     | CUT LINE (PROVIDED IN FORESTED AREA ONLY)              |
| X     | STREAM PLUG  |
| ---   | CHANNEL BACKFILL                                       |
| xxxxx | WETLAND ENHANCEMENT                                    |

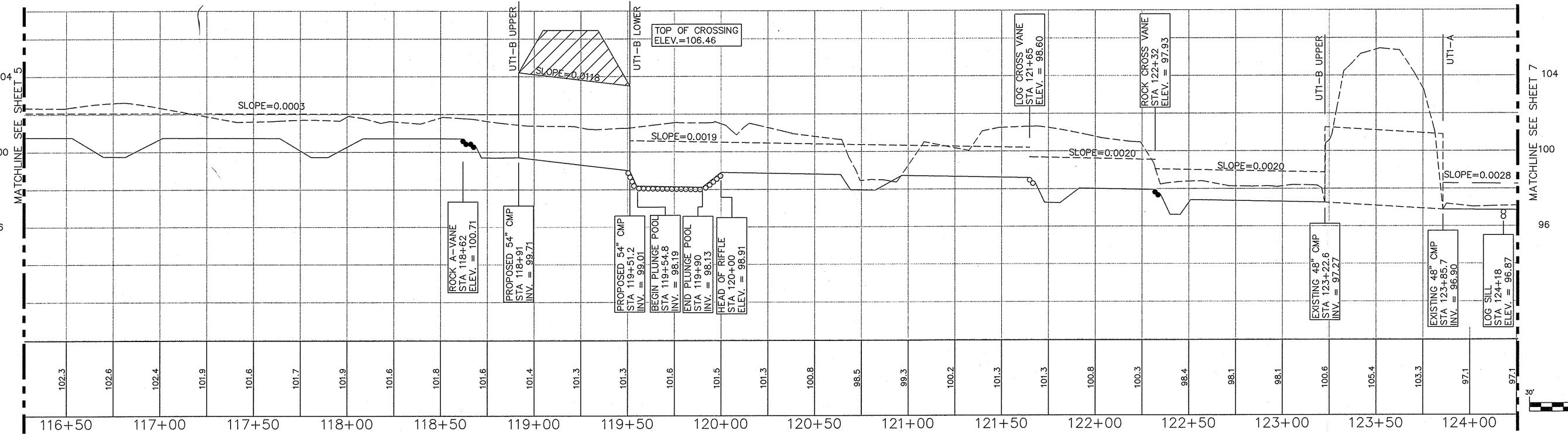


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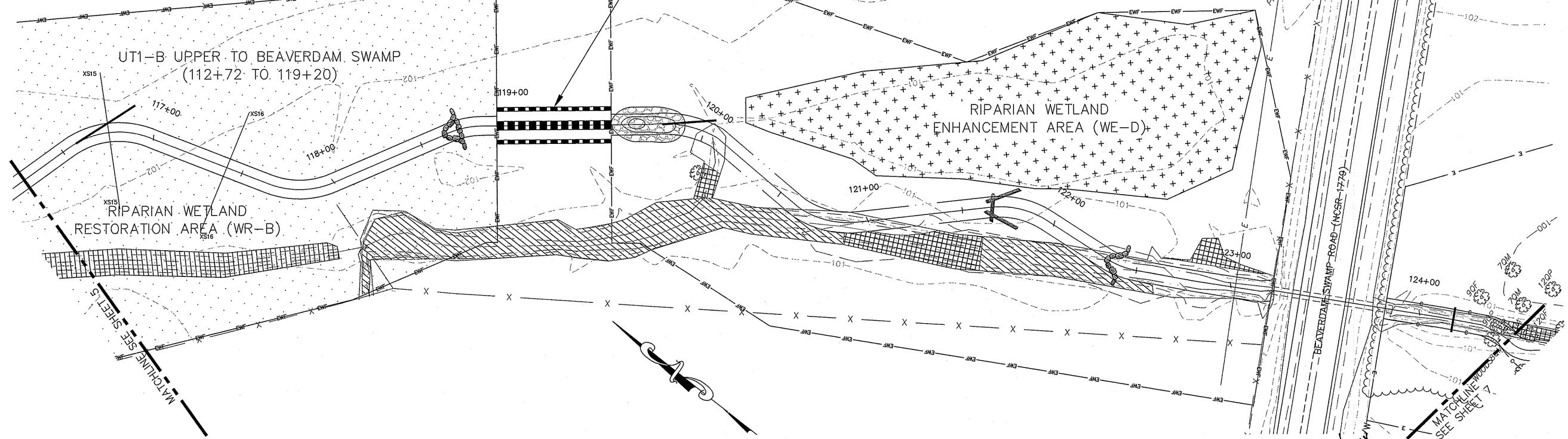
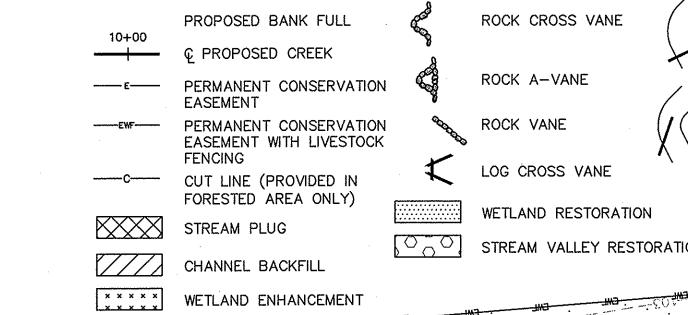
#### SURVEY LEGEND

- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

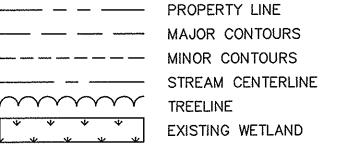




PROFILE LEGEND

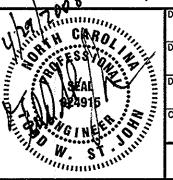


SURVEY LEGEND



30' 0 15' 30' 60'

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ECOSYSTEM ENHANCEMENT PROGRAM  
TITLE: GRADING PLAN AND  
PROFILE



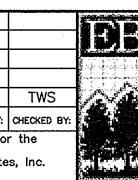
DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

The record drawings represent the construction plans with adjustments made to represent constructed conditions.

JOB NUMBER: 012620010 SHEET NUMBER: 6

REV. NO.:		REvised per Erosion Control Review	08/23/07	DRAWN BY: JIK	TWS
REVISION:		DATE:		DRAWN BY:	CHECKED BY:

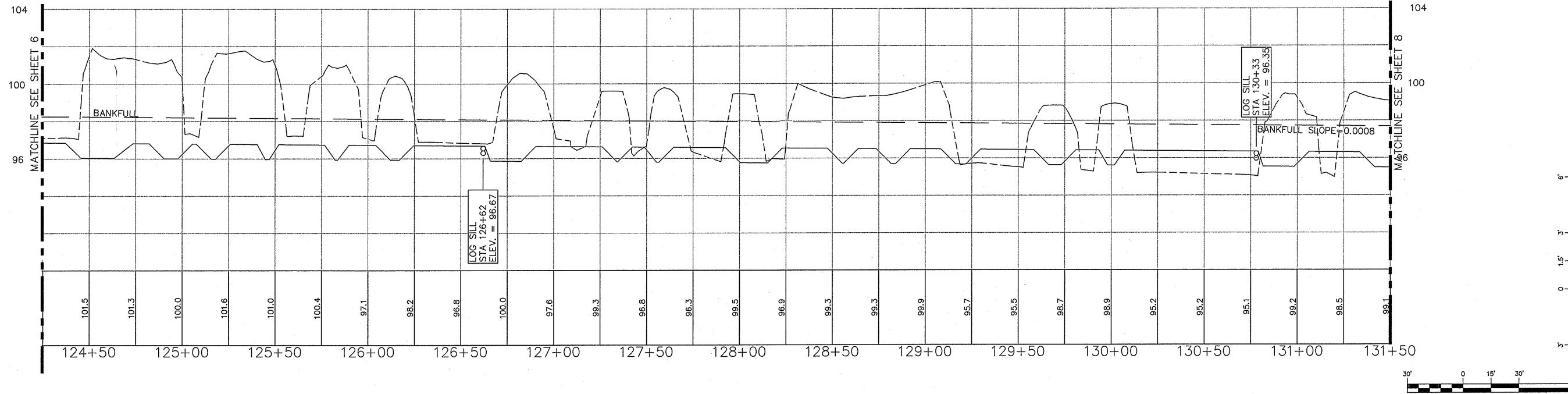


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## PROFILE LEGEND

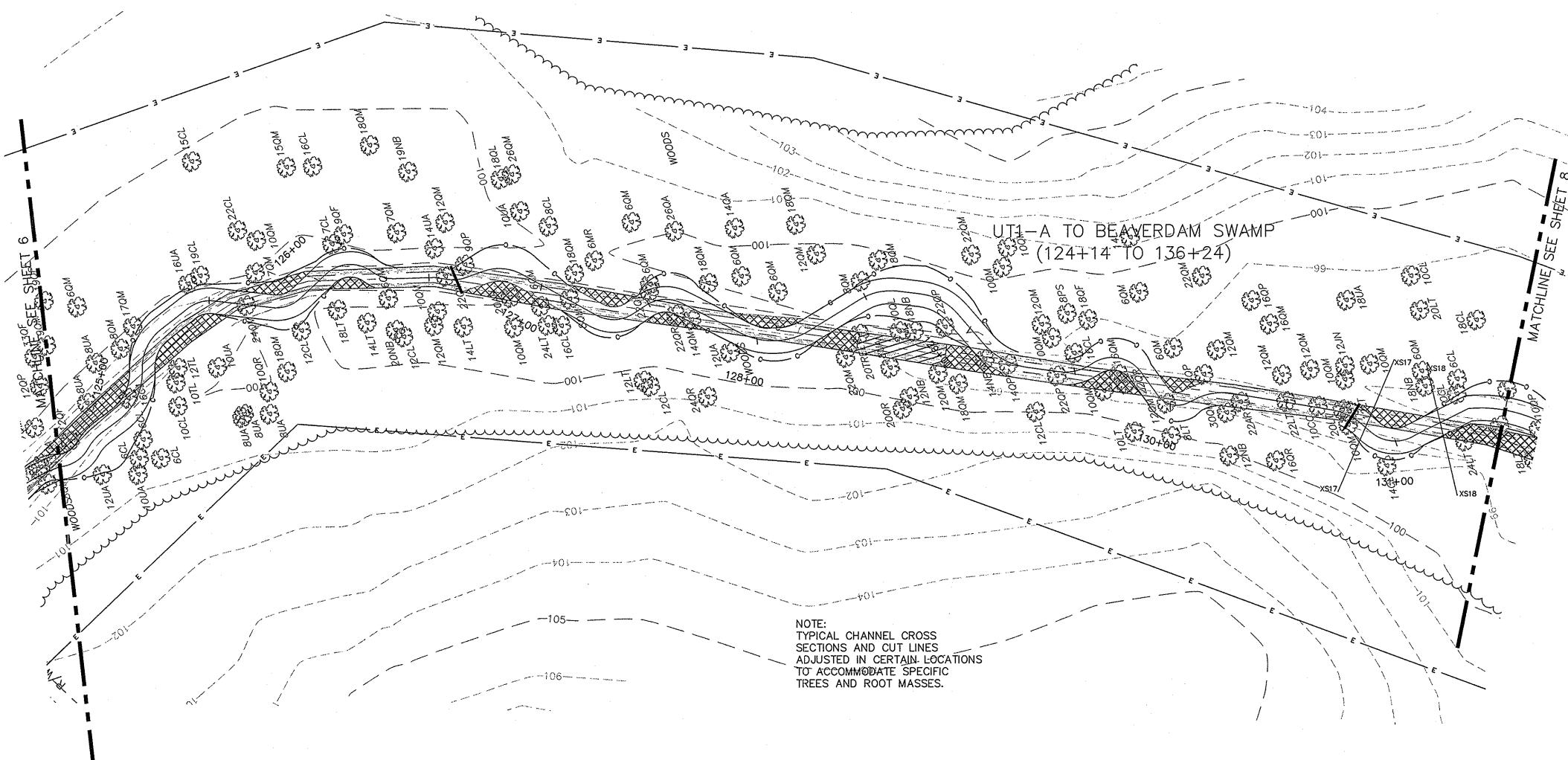
- PROPOSED TOP OF BANK
- NEW CHANNEL
- EXISTING GROUND-CENTER
- LOG CROSS VANE
- LOG SILL
- ROCK CROSS VANE
- A-VANE

## LEGEND

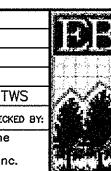
- PROPOSED BANK FULL
- PROPOSED CREEK
- PERMANENT CONSERVATION EASEMENT
- PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING
- CUT LINE (PROVIDED IN FORESTED AREA ONLY)
- STREAM PLUG
- CHANNEL BACKFILL
- WETLAND RESTORATION
- STREAM VALLEY RESTORATION

## SURVEY LEGEND

- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND



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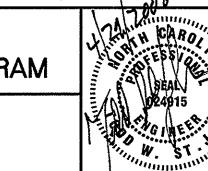
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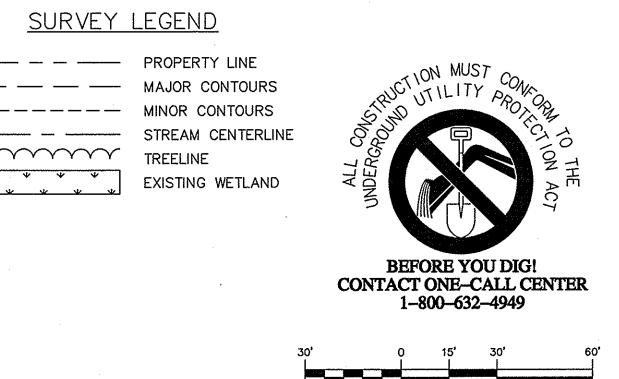
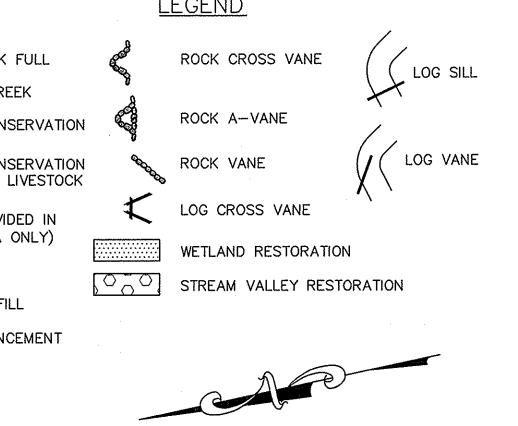
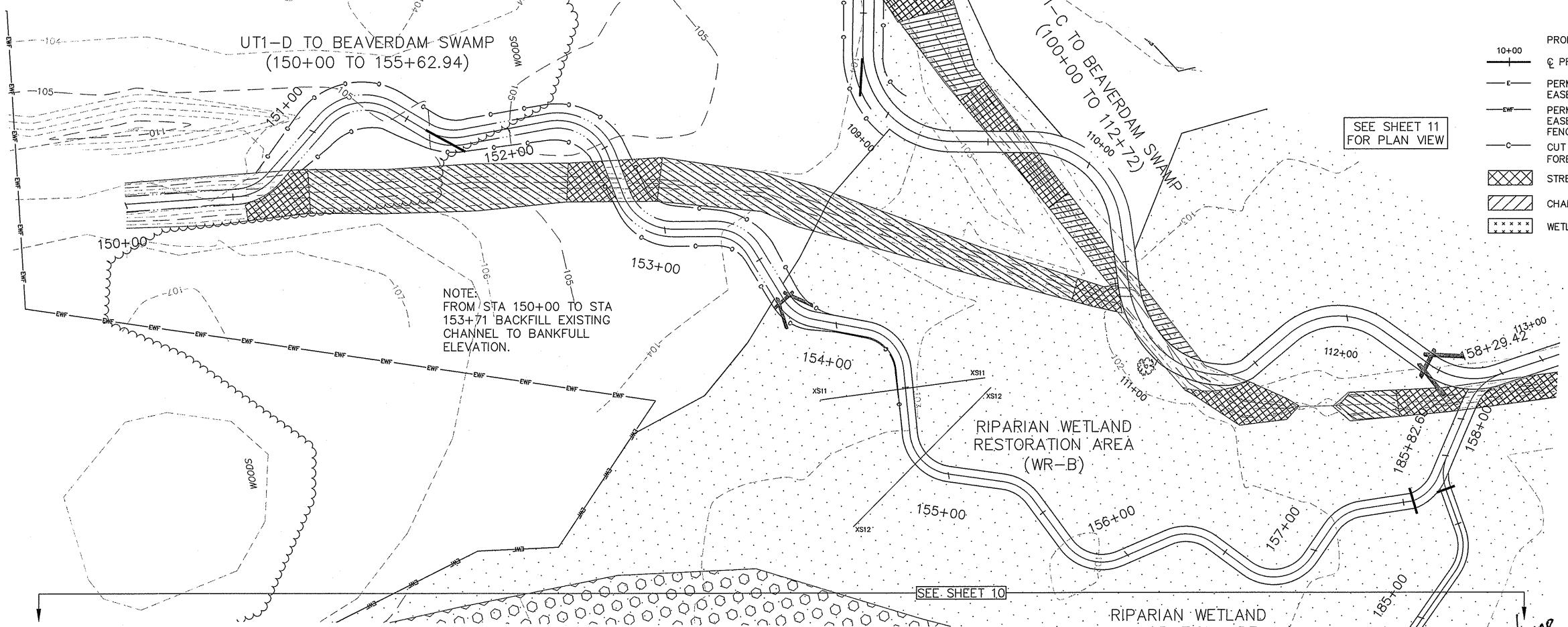
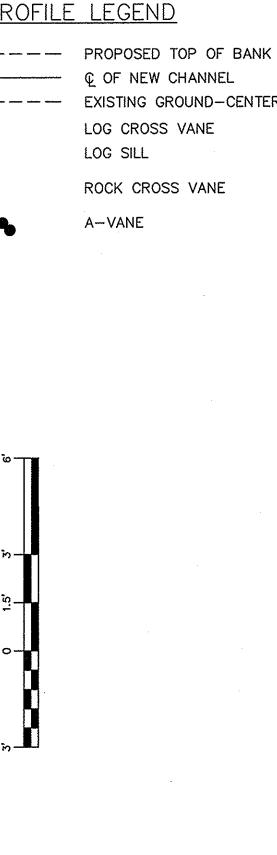
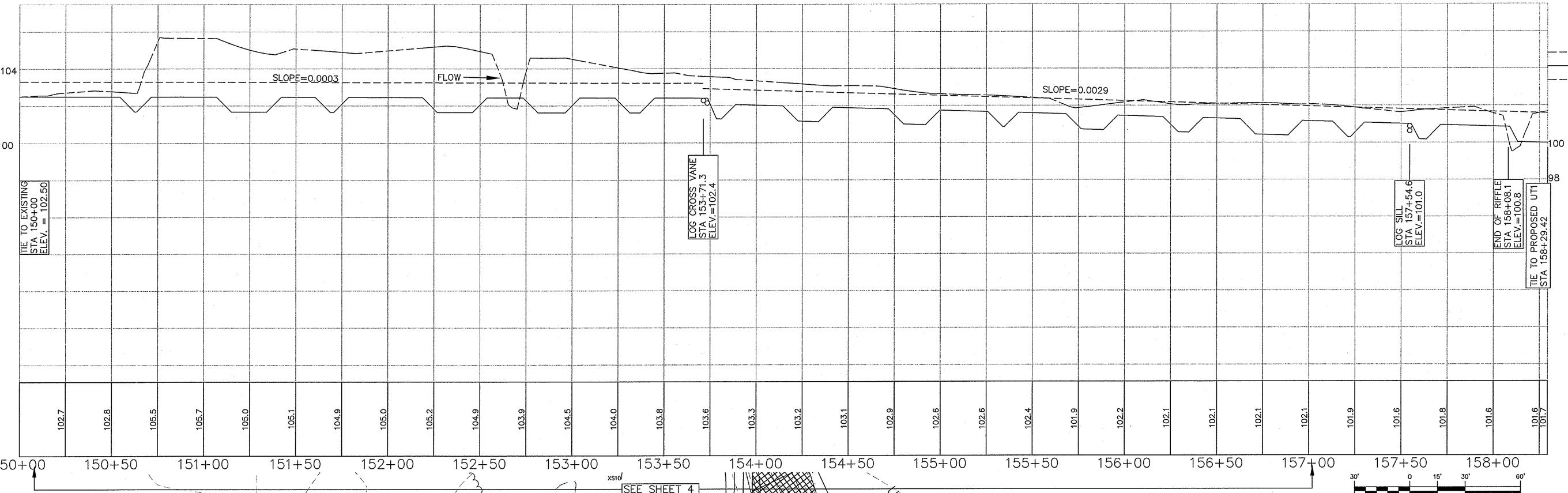
DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

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PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

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JOB NUMBER: 012620010 SHEET NUMBER: 9

**LEGEND**

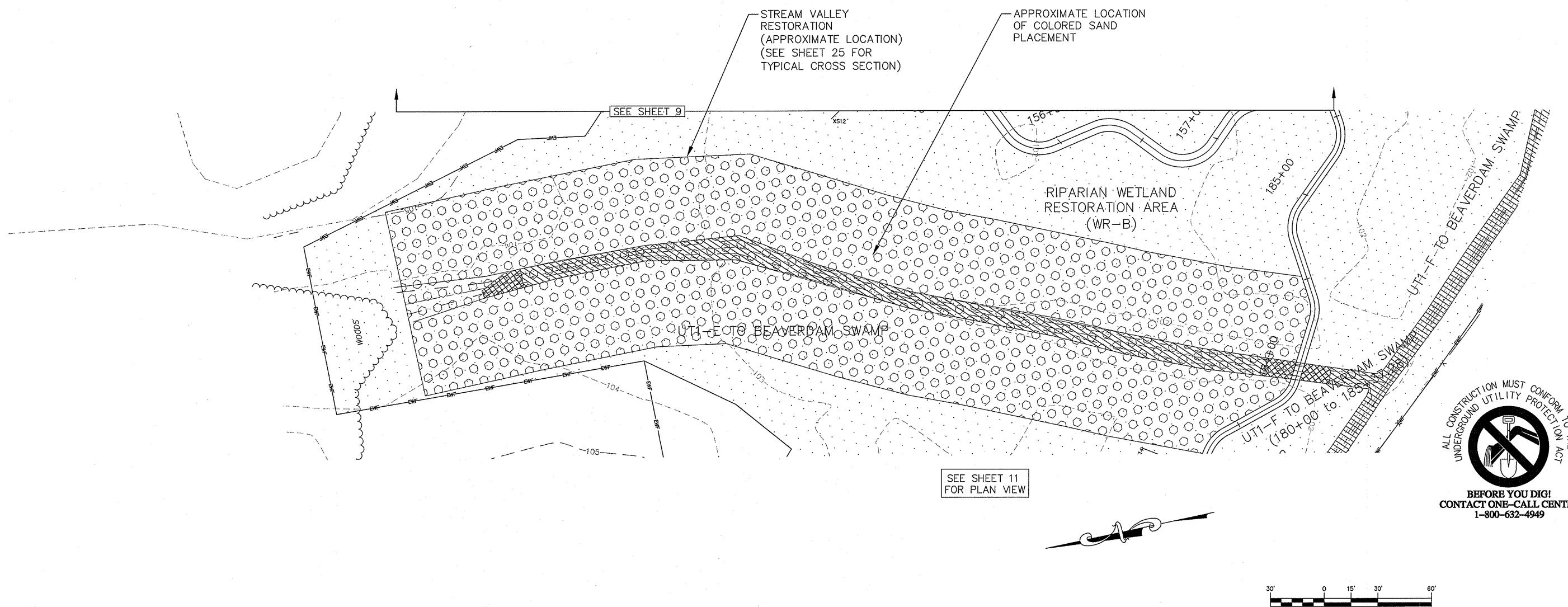
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- PROPOSED CREEK
- PERMANENT CONSERVATION EASEMENT
- PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING
- CUT LINE (PROVIDED IN FORESTED AREA ONLY)
- STREAM PLUG
- CHANNEL BACKFILL
- WETLAND ENHANCEMENT
- ROCK CROSS VANE
- ROCK A-VANE
- ROCK VANE
- LOG CROSS VANE
- WETLAND RESTORATION
- STREAM VALLEY RESTORATION

**SURVEY LEGEND**

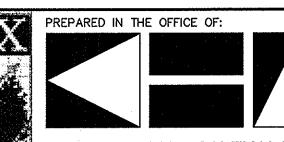
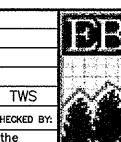
- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

**PROFILE LEGEND**

- PROPOSED TOP OF BANK
- OF NEW CHANNEL
- EXISTING GROUND-CENTER
- LOG CROSS VANE
- LOG SILL
- ROCK CROSS VANE
- A-VANE



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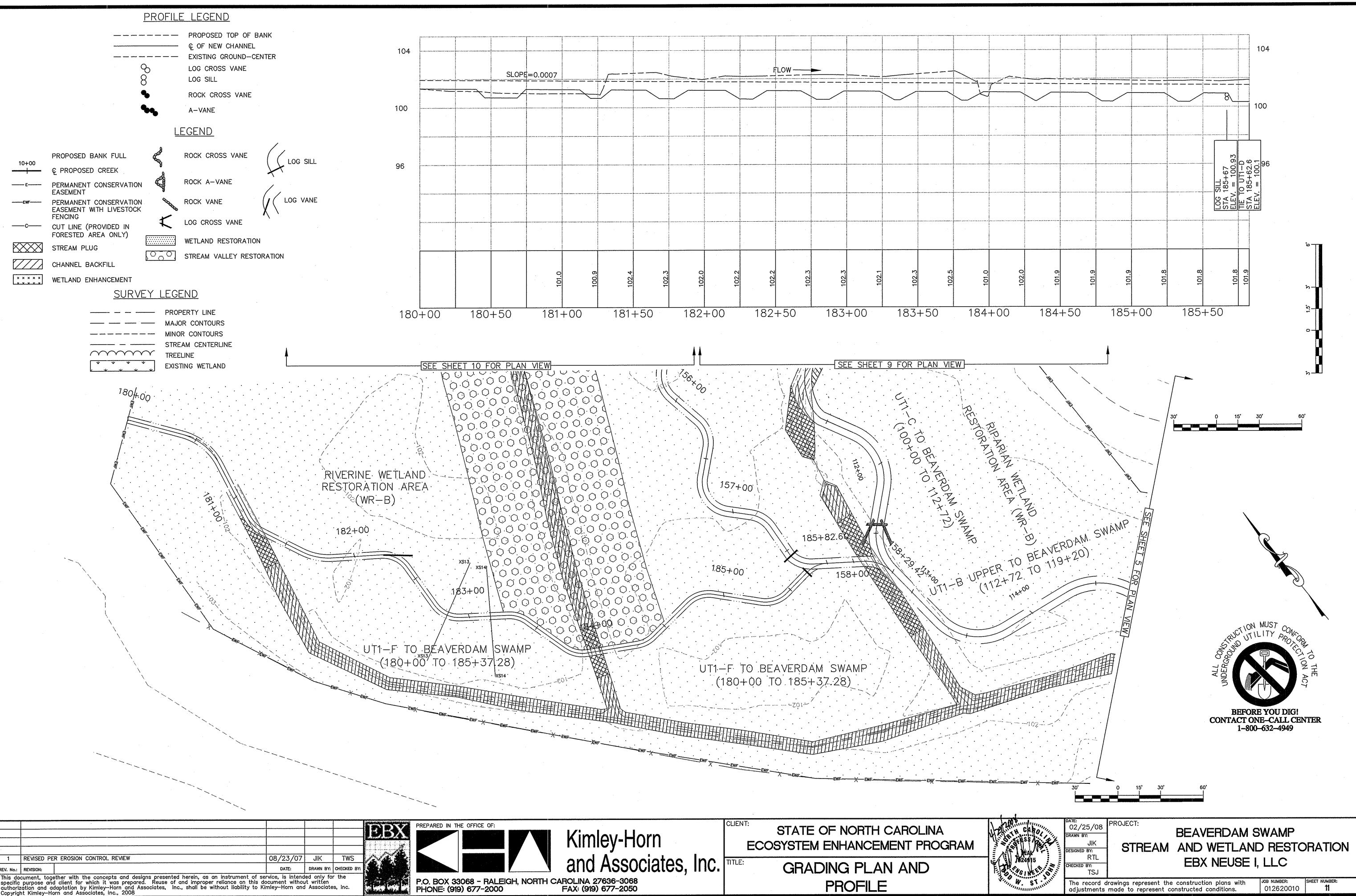


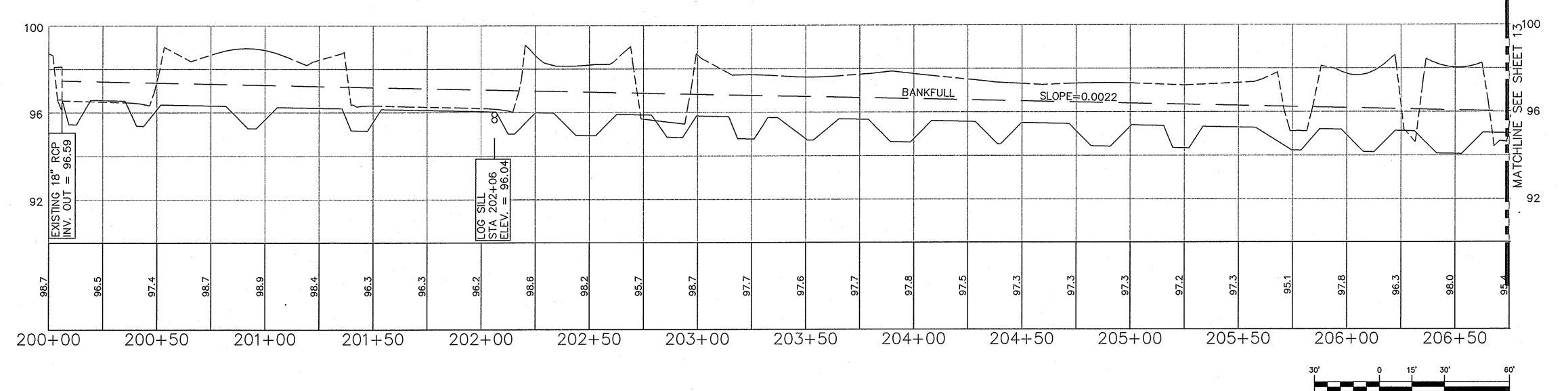
DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

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PROFILE LEGEND

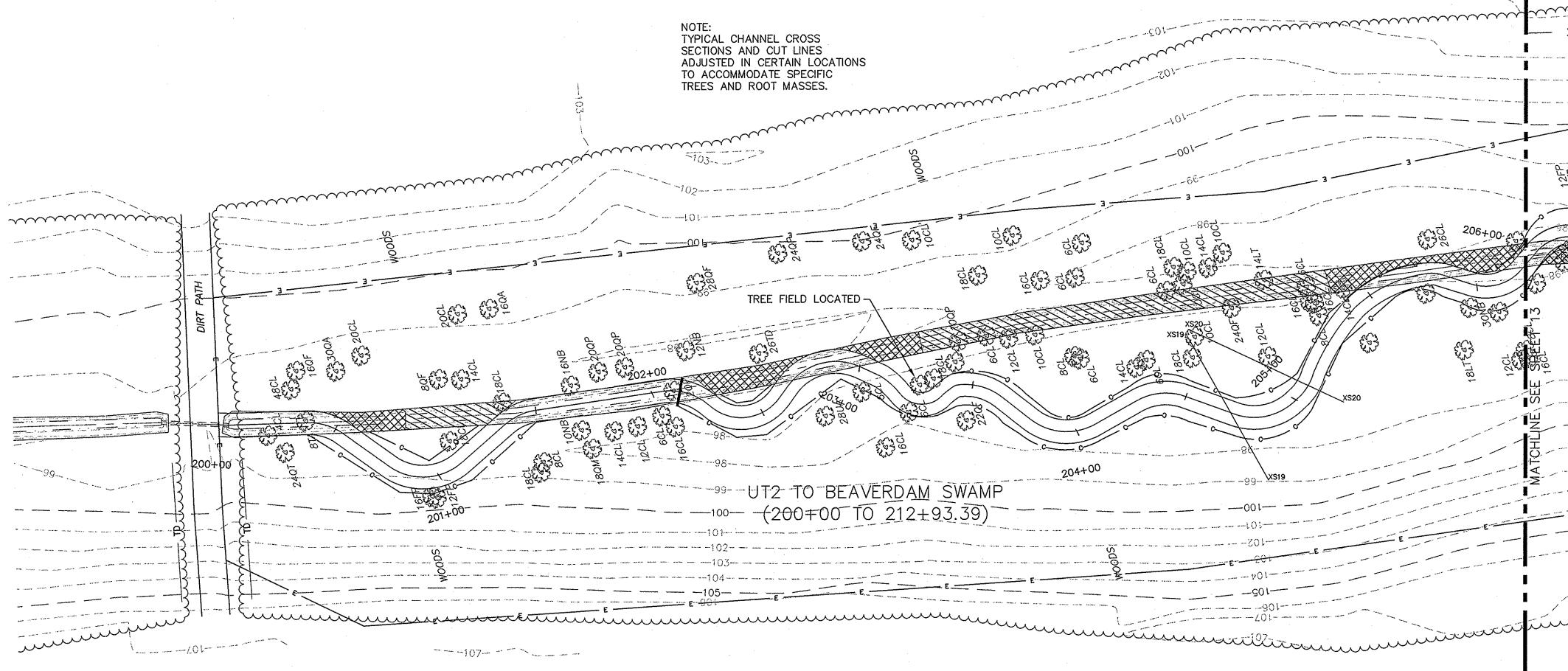
- PROPOSED TOP OF BANK
- PROPOSED CREEK
- EXISTING GROUND-CENTER
- LOG CROSS VANE
- LOG SILL
- ROCK CROSS VANE
- A-VANE

LEGEND

- PROPOSED BANK FULL
- PROPOSED CREEK
- PERMANENT CONSERVATION EASEMENT
- PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING
- CUT LINE (PROVIDED IN FORESTED AREA ONLY)
- STREAM PLUG
- CHANNEL BACKFILL
- WETLAND RESTORATION
- LOG VANE
- LOG SILL
- ROCK VANE
- ROCK CROSS VANE
- WETLAND ENHANCEMENT

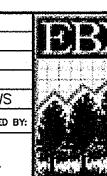
SURVEY LEGEND

- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

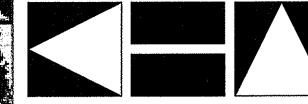


30' 0 15' 30' 60'

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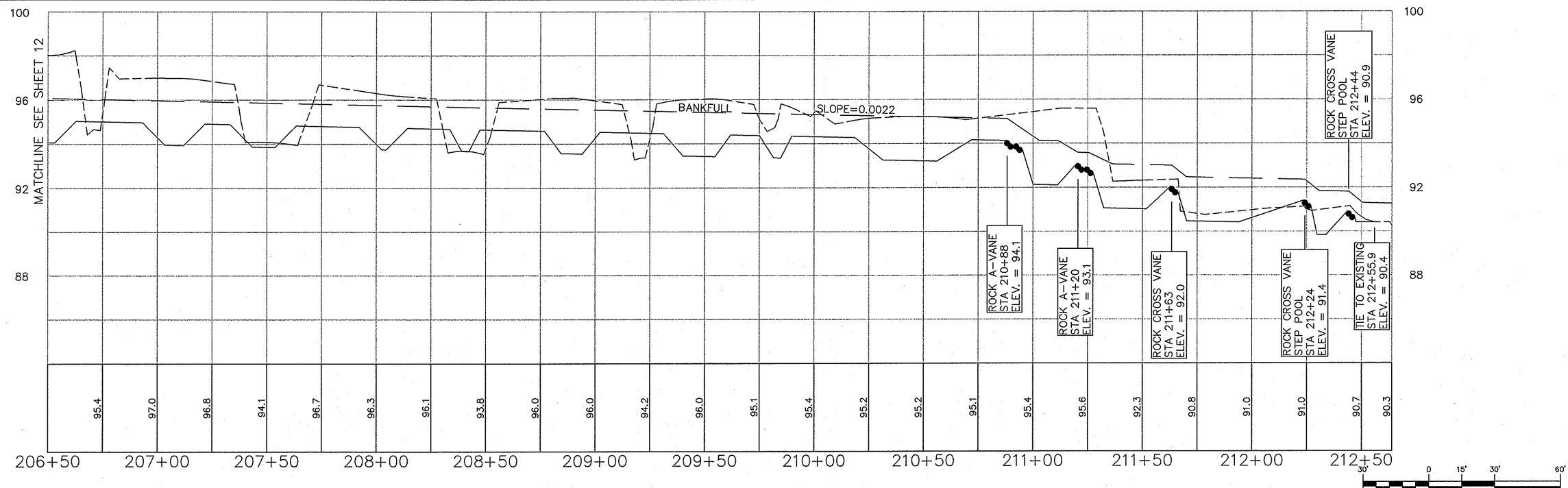
CLIENT: STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM  
TITLE: GRADING PLAN AND PROFILE



DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
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The record drawings represent the construction plans with adjustments made to represent constructed conditions.

JOB NUMBER: 012620010 SHEET NUMBER: 12

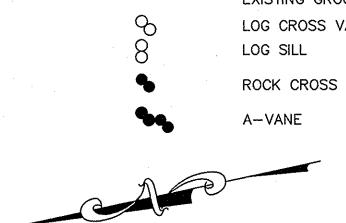


CONSTRUCTION MUST CONFORM TO THE  
GROUND UTILITY PROTECTION ACT

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### PROFILE LEGEND

NOTE:  
TYPICAL CHANNEL CROSS  
SECTIONS AND CUT LINES  
ADJUSTED IN CERTAIN LOCATIONS  
TO ACCOMMODATE SPECIFIC  
TREES AND ROOT MASSES.



## SURVEY LEGEND

- - - - - PROPERTY LINE  
 - - - - - MAJOR CONTOURS  
 - - - - - MINOR CONTOURS  
 - - - - - STREAM CENTERLINE  
 ~~~~~ TREELINE  
 \* \* \* \* EXISTING WETLAND

## LEGEND

PROPOSED BANK FULL

PROPOSED CREEK

PERMANENT CONSERVATION EASEMENT

PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING

CUT LINE (PROVIDED IN FORESTED AREA ONLY)

STREAM PLUG

CHANNEL BACKFILL

WETLAND ENHANCEMENT

ROCK CROSS VANE

ROCK A-VANE

ROCK VANE

LOG CROSS VANE

WETLAND RESTORATION

STREAM VALLEY RESTORATION

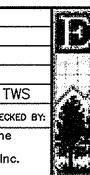
LOG SILL

LOG VANE

30' 0 15' 30' 60'

|           |                                    |
|-----------|------------------------------------|
|           |                                    |
|           |                                    |
|           |                                    |
|           |                                    |
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| REV. No.: | REVISION:                          |

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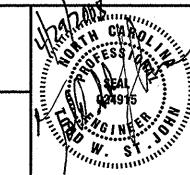


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|     | TITLE:<br><b>GRADING PLAN AND<br/>PROFILE</b>                               |

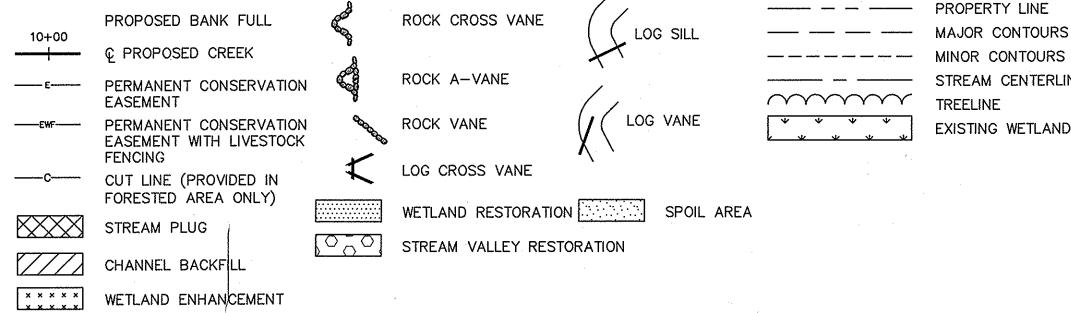
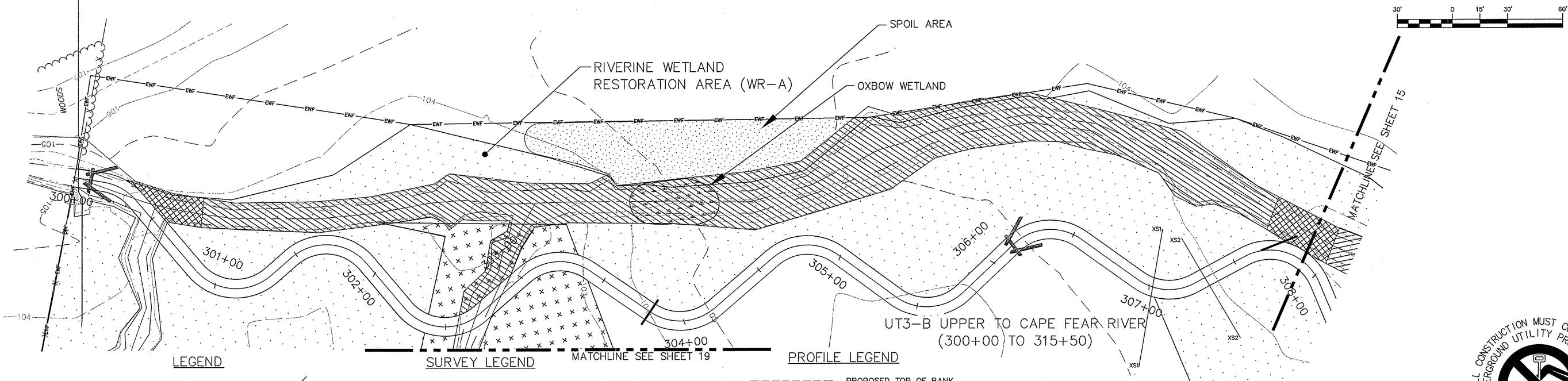
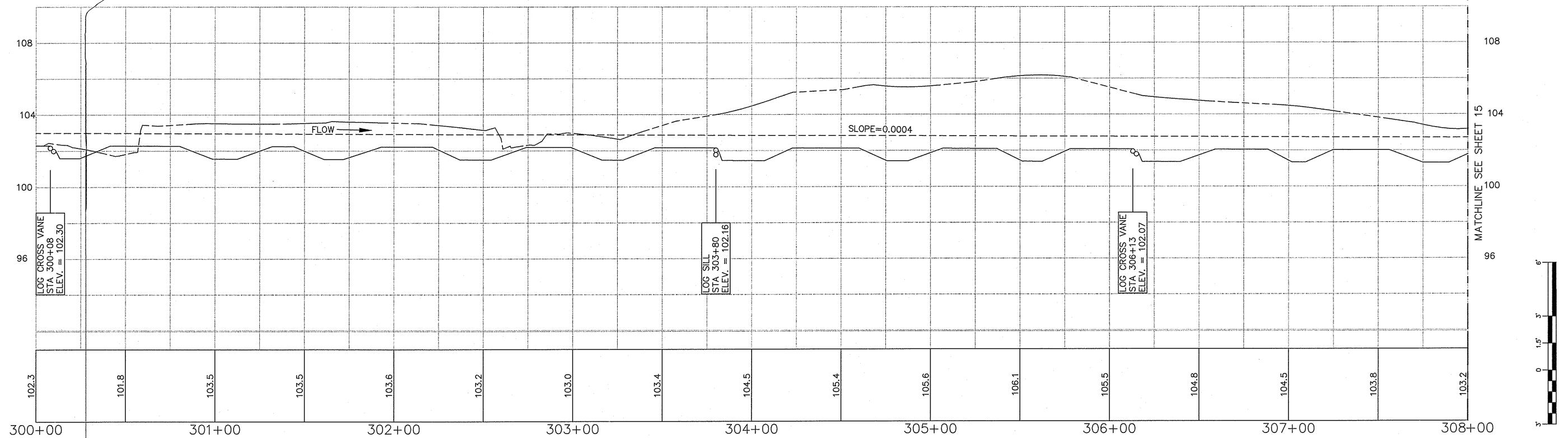


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|--------------|----------|----------|
| DATE:        | 02/25/08 | PROJECT: |
| DRAWN BY:    | JIK      |          |
| DESIGNED BY: | RTL      |          |
| CHECKED BY:  | TS 1     |          |

**BEAVERDAM SWAMP  
M AND WETLAND RESTORATION  
EBX NEUSE I, LLC**

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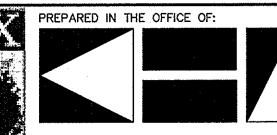
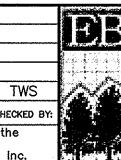
ITEM NUMBER: SHEET NUMBER:  
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30' 0 15' 30' 60'

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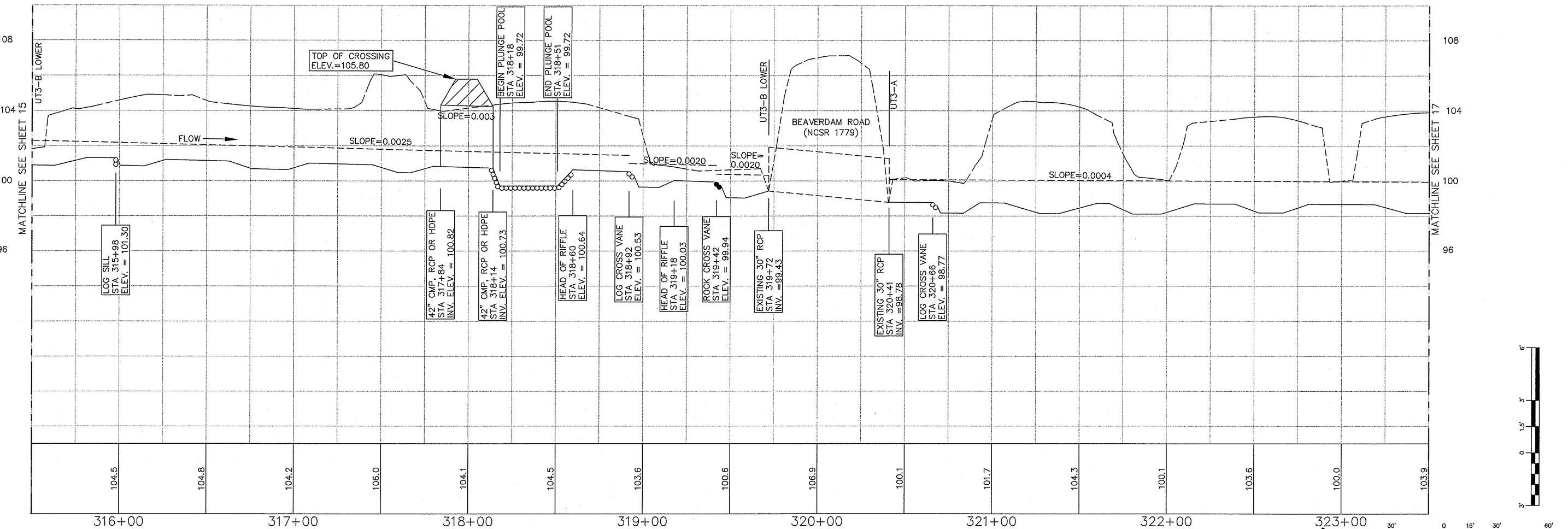
DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

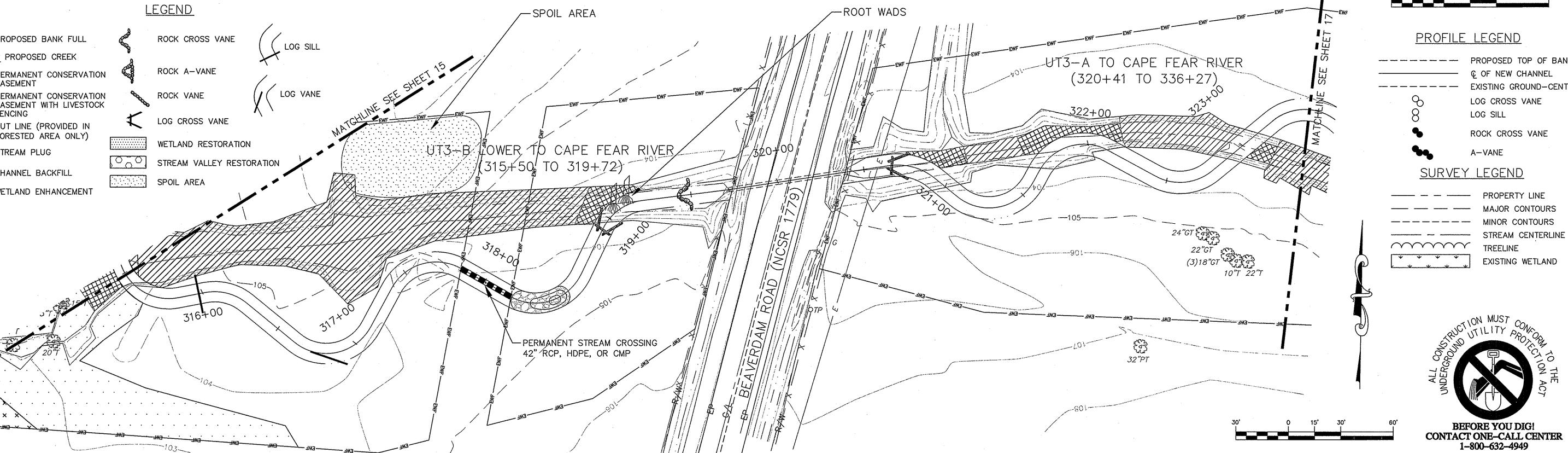
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LEGEND

- PROPOSED BANK FULL
- PROPOSED CREEK
- PERMANENT CONSERVATION EASEMENT
- PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING
- CUT LINE (PROVIDED IN FORESTED AREA ONLY)
- STREAM PLUG
- CHANNEL BACKFILL
- WETLAND ENHANCEMENT
- ROCK CROSS VANE
- LOG SILL
- ROCK A-VANE
- ROCK VANE
- LOG CROSS VANE
- WETLAND RESTORATION
- STREAM VALLEY RESTORATION
- SPOIL AREA

PROFILE LEGEND

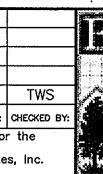
- PROPOSED TOP OF BANK
- OF NEW CHANNEL
- EXISTING GROUND-CENTER
- LOG CROSS VANE
- LOG SILL
- ROCK CROSS VANE
- A-VANE

SURVEY LEGEND

- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

|           |                                    |          |           |             |
|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
| REV. NO.: | REVISION:                          | DATE:    | DRAWN BY: | CHECKED BY: |

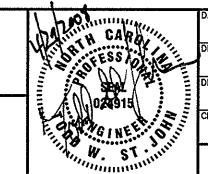
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TITLE: GRADING PLAN AND  
PROFILE

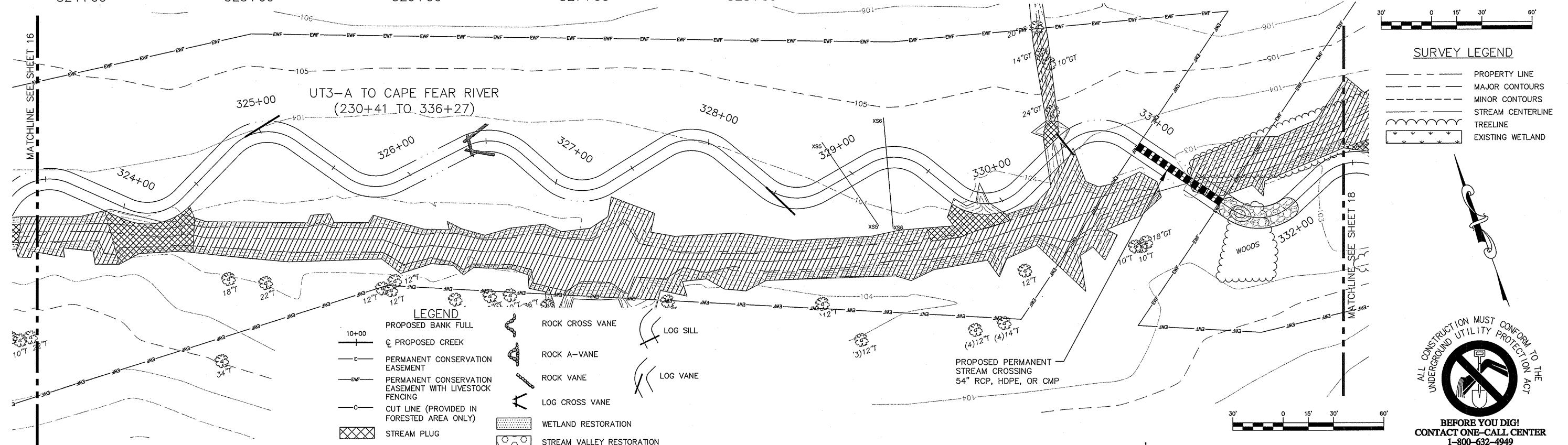
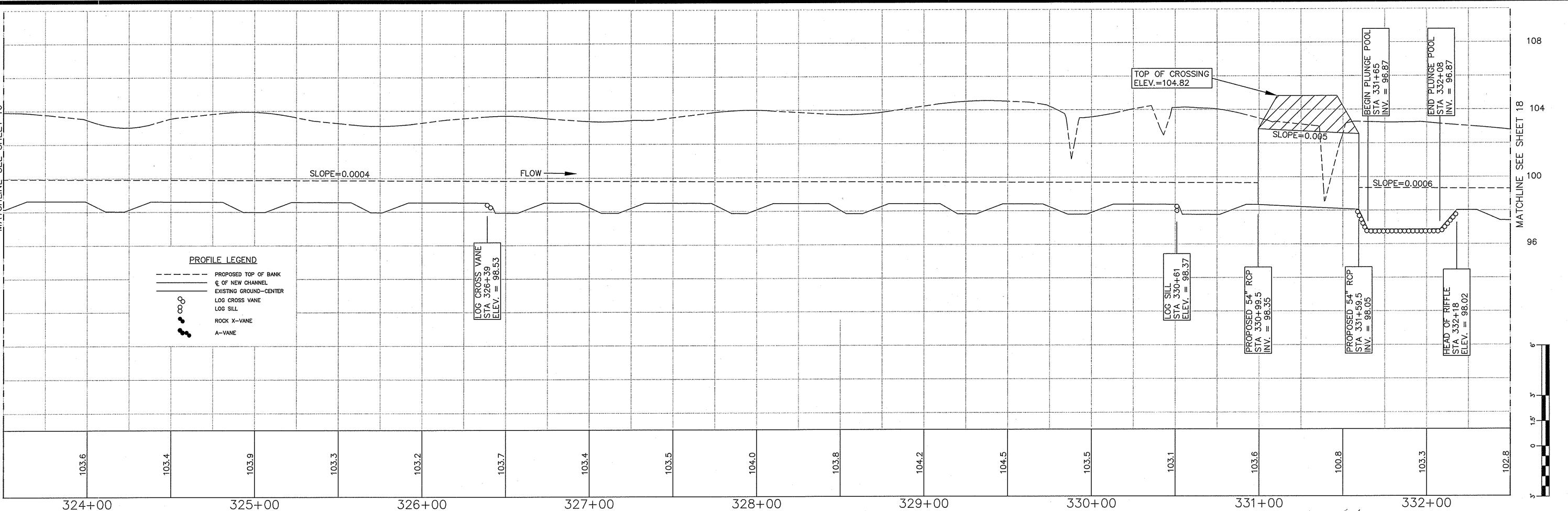


DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
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EBX NEUSE I, LLC

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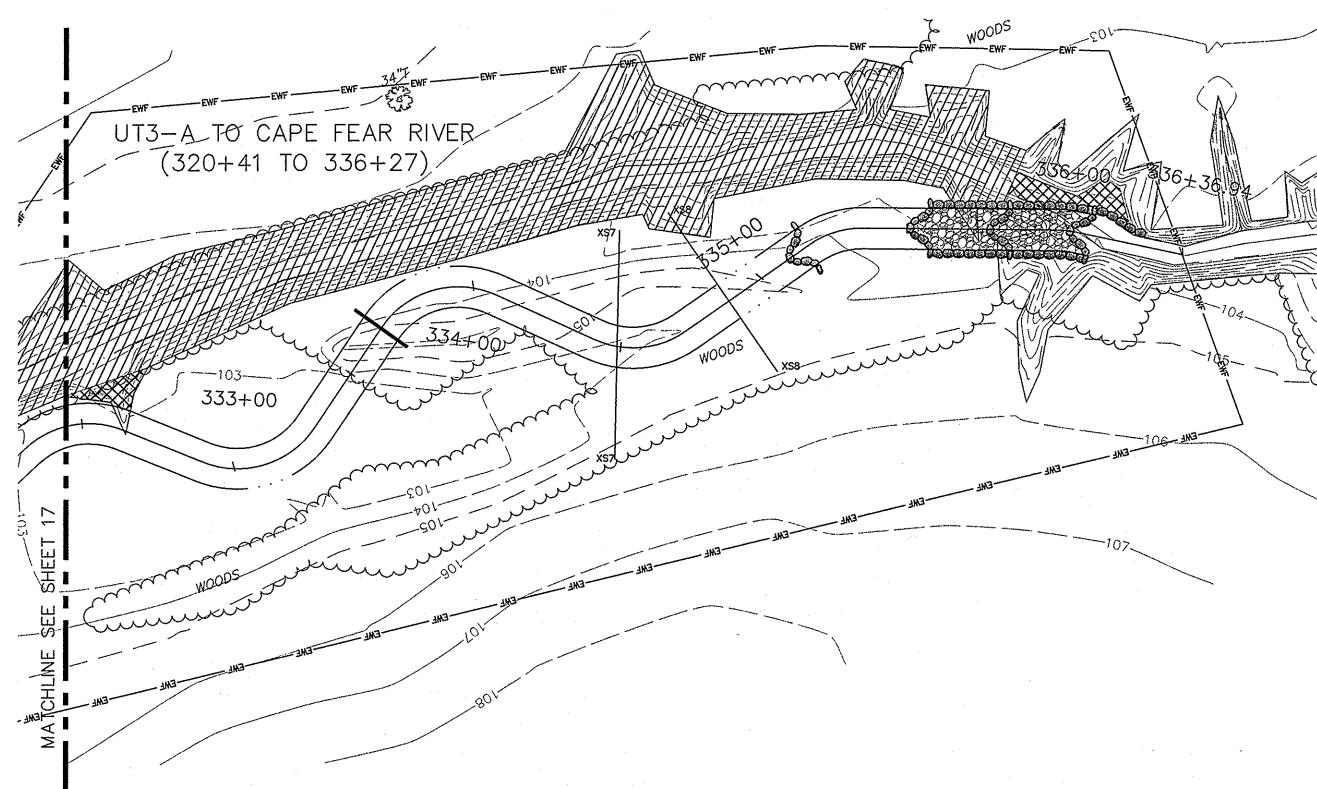
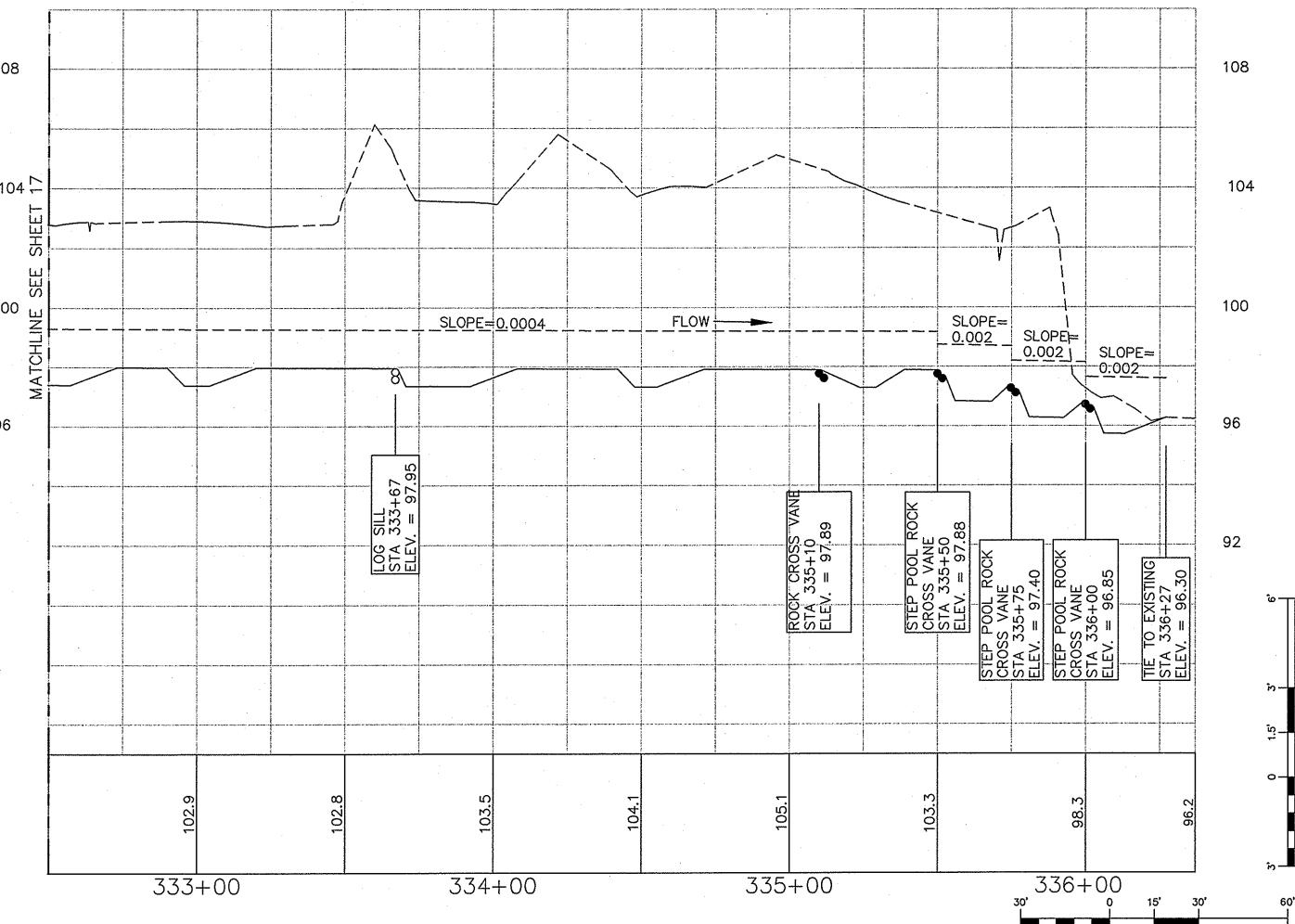
**TITLE: GRADING PLAN AND  
PROFILE**



|                         |                                                                                                |
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| DATE:<br>02/25/08       | PROJECT:<br><br><b>BEAVERDAM SWAMP<br/>STREAM AND WETLAND RESTORATION<br/>EBX NEUSE I, LLC</b> |
| DRAWN BY:<br><br>JJK    |                                                                                                |
| DESIGNED BY:<br><br>RTL |                                                                                                |
| CHECKED BY:<br><br>TSJ  |                                                                                                |

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NUMBER: SHEET NUMBER:  
2620010 17



## PROFILE LEGEND

LEGEND

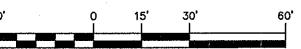
|       |                                                        |  |                     |  |                           |
|-------|--------------------------------------------------------|--|---------------------|--|---------------------------|
| 10+00 | PROPOSED BANK FULL                                     |  | ROCK CROSS VANE     |  | LOG SILL                  |
| ¢     | PROPOSED CREEK                                         |  | ROCK A-VANE         |  | LOG VANE                  |
| E     | PERMANENT CONSERVATION EASEMENT                        |  | ROCK VANE           |  | LOG VANE                  |
| EWF   | PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING |  | LOG CROSS VANE      |  | LOG SILL                  |
| C     | CUT LINE ( PROVIDED IN FORESTED AREA ONLY )            |  | WETLAND RESTORATION |  | STREAM VALLEY RESTORATION |
|       | STREAM PLUG                                            |  | WETLAND ENHANCEMENT |  |                           |
|       | CHANNEL BACKFILL                                       |  |                     |  |                           |
|       | WETLAND ENHANCEMENT                                    |  |                     |  |                           |

### SURVEY LEGEND

——— PROPERTY LINE  
 - - - - - MAJOR CONTOURS  
 - - - - - MINOR CONTOURS  
 - - - - - STREAM CENTERLINE  
 ~~~~~ TREETLINE  
 \* \* \* \* EXISTING WETLAND



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1-800-632-4949**



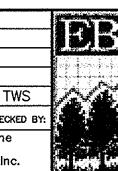
A circular registration stamp for a professional engineer from North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "PROFESSIONAL ENGINEER" at the bottom. The inner circle contains "STATE" at the top, "REGISTRATION NO." in the center, and "024915" at the bottom. The bottom half of the inner circle is partially obscured by handwritten text.

DATE: 02/25/08 PROJECT: BEAVERDAM SWAMP  
DRAWN BY: JIK STREAM AND WETLAND REST  
DESIGNED BY: RTL CHECKED BY: TC I EBX NEUSE I, LLC

The record drawings represent the construction plans with adjustments made to represent constructed conditions.

|                          |                     |
|--------------------------|---------------------|
| JOB NUMBER:<br>012620010 | SHEET NUMBER:<br>18 |
|--------------------------|---------------------|

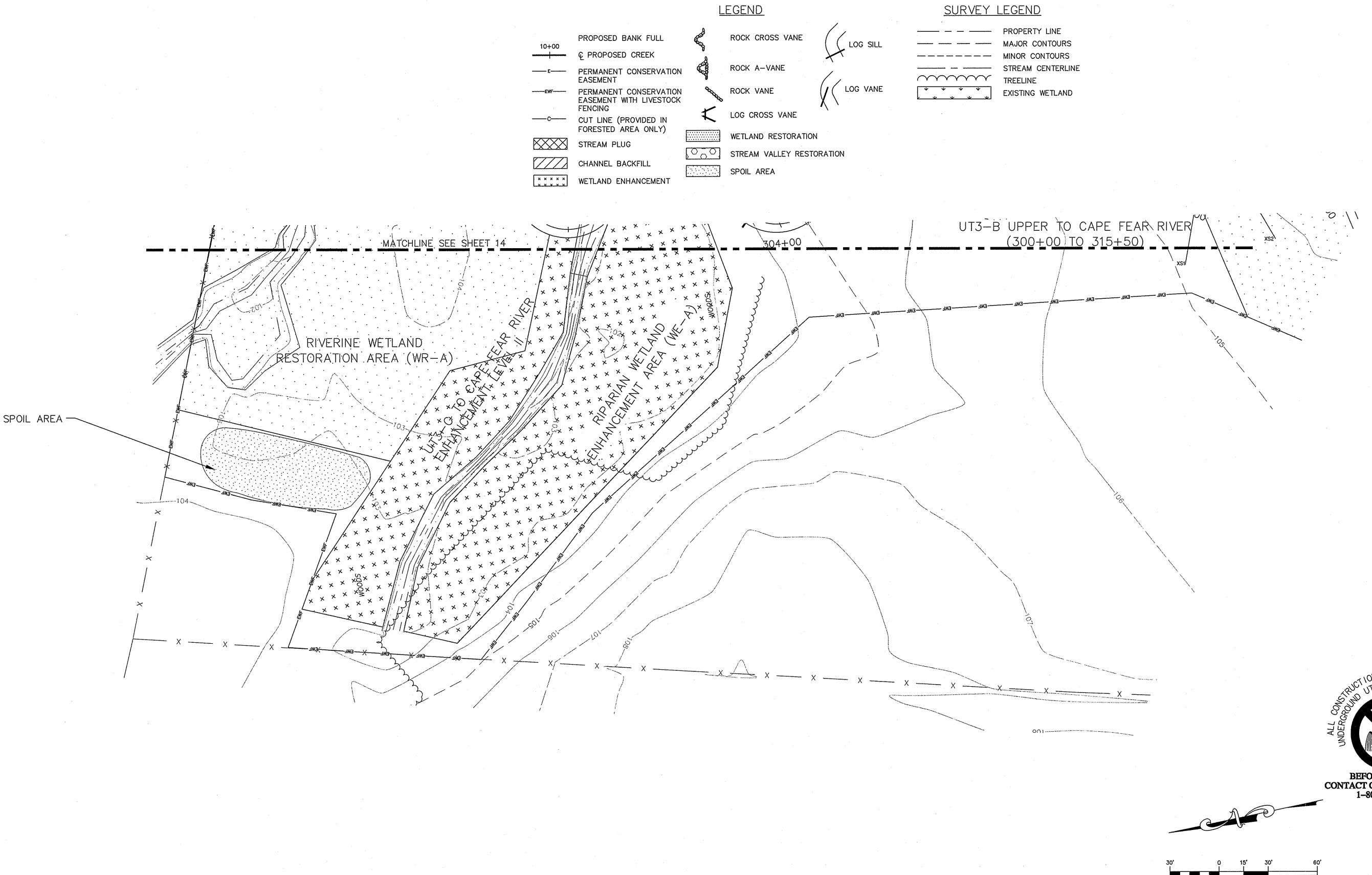
1 REVISED PER EROSION CONTROL REVIEW



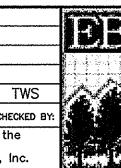
The logo for Kimley-Horn and Associates, Inc. It features a stylized graphic on the left composed of two black rectangles stacked vertically, with a white triangle pointing upwards to the right. To the right of the graphic, the company name is written in a large, serif font, with "Kimley-Horn" on top and "and Associates, Inc." on the line below.

|         |  |
|---------|--|
| CLIENT: | STATE OF NORTH CAROLINA<br>ECOSYSTEM ENHANCEMENT PROGRAM |
| TITLE:  | GRADING PLAN AND<br>PROFILE                              |

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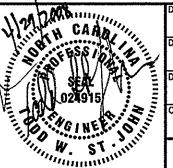


|           |                                    |          |           |             |
|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
| REV. NO.: | REVISION:                          | DATE:    | DRAWN BY: | CHECKED BY: |



PREPARED IN THE OFFICE OF:  
**Kimley-Horn  
and Associates, Inc.**  
P.O. BOX 33068 - RALEIGH, NORTH CAROLINA 27636-3068  
PHONE: (919) 677-2000 FAX: (919) 677-2050

CLIENT: **STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM**  
TITLE: **GRADING PLAN AND  
PROFILE**



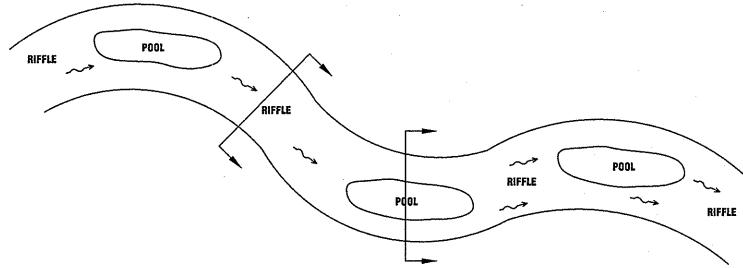
DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: **BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC**

The record drawings represent the construction plans with adjustments made to represent constructed conditions.

JOB NUMBER: 012620010 SHEET NUMBER: 19





### TYPICAL PLAN VIEW SCHEMATIC

NTS

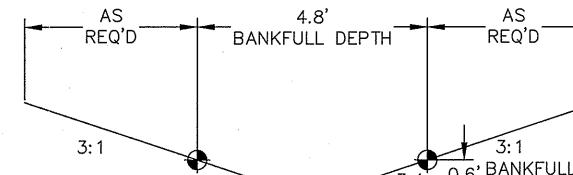
## NOTES:

TYPICAL SECTIONS ARE PROVIDED TO GIVE THE GENERAL DIMENSIONS OF THE CHANNEL. FINAL GRADING WILL GIVE THE CHANNEL A MORE "NATURAL" APPEARANCE AND ALLOW A SMOOTH TRANSITION FROM EXISTING CHANNEL TO NEW CHANNEL.

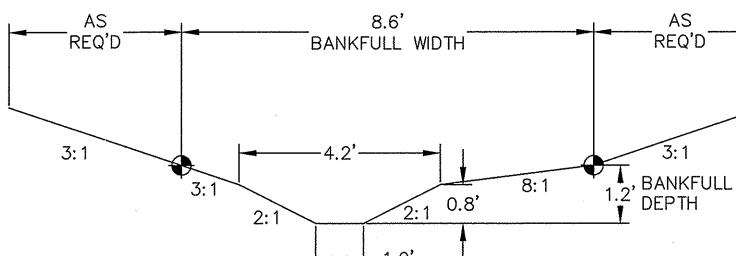
ALL POOLS SHALL BE OVERDUG 1' TO ACCOUNT FOR SEDIMENTATION.

## LEGEND:

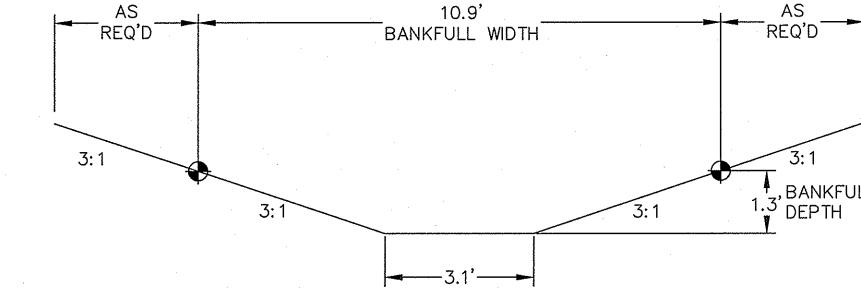
● BANKFULL ELEVATION TO ACT AS VERTICAL CONTROL POINT. POINT SHOULD BE VERIFIED BY DESIGNER BEFORE EARTHWORK BEGINS.



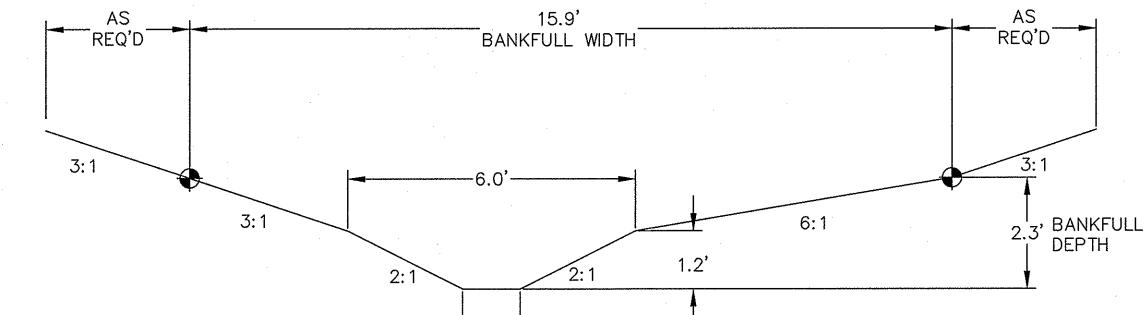
**UT1-F RIFFLE**  
STA 180+00 TO 186+31



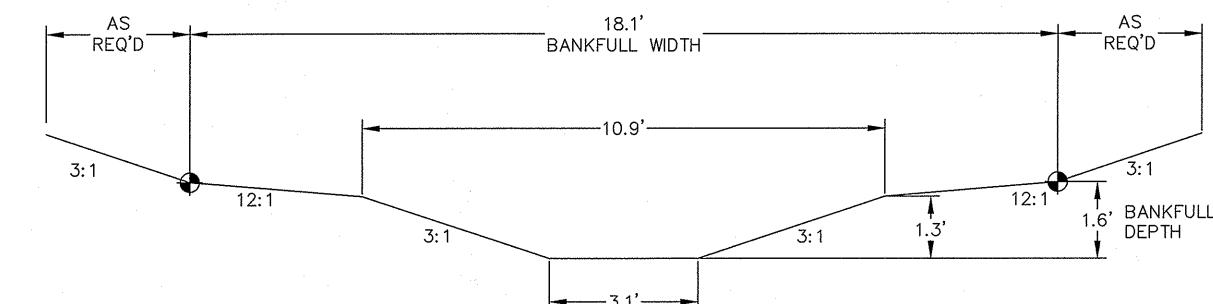
**UT1-F POOL**  
STA 180+00 TO 186+31



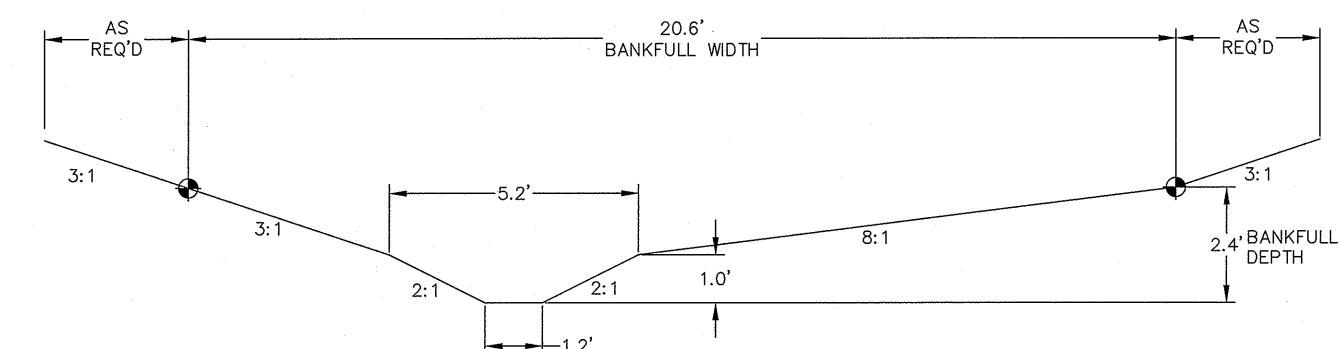
**UT1-B UPPER RIFFLE**  
STA 112+63 TO 118+91



**UT1-B UPPER POOL**  
STA 112+63 TO 118+91

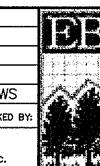


**UT1-B LOWER RIFFLE**  
STA 119+01 TO 123+22



**UT1-B LOWER POOL**  
STA 119+01 TO 123+22

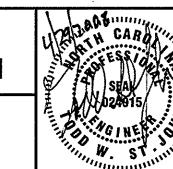
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|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
| REV. NO.: | REVISION:                          | DATE:    | DRAWN BY: | CHECKED BY: |



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**Kimley-Horn  
and Associates, Inc.**

CLIENT: STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM  
TITLE: TYPICAL CROSS SECTIONS

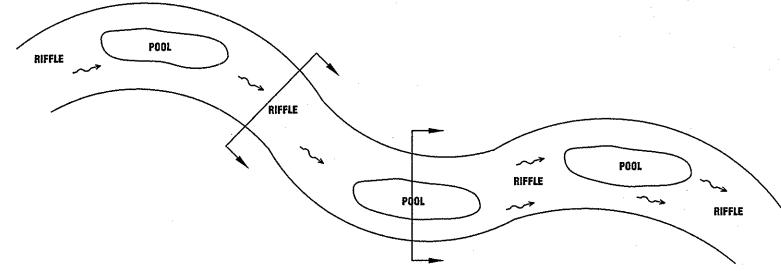


DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

The record drawings represent the construction plans with adjustments made to represent constructed conditions.

JOB NUMBER: 012620010 SHEET NUMBER: 21



### TYPICAL PLAN VIEW SCHEMATIC

NTS

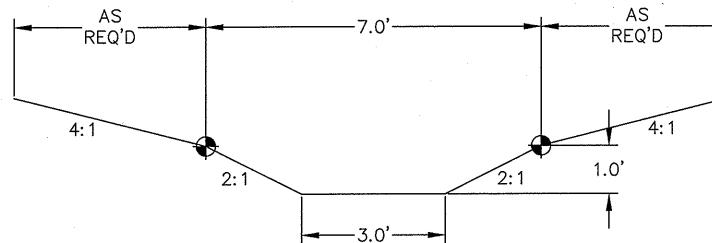
## NOTES:

TYPICAL SECTIONS ARE PROVIDED TO GIVE THE GENERAL DIMENSIONS OF THE CHANNEL. FINAL GRADING WILL GIVE THE CHANNEL A MORE "NATURAL" APPEARANCE AND ALLOW A SMOOTH TRANSITION FROM EXISTING CHANNEL TO NEW CHANNEL.

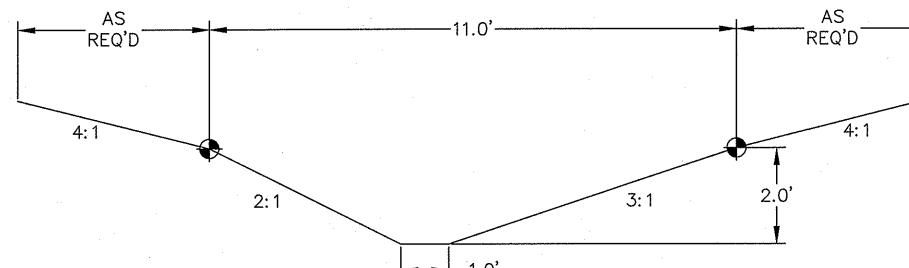
ALL POOLS SHALL BE OVERDUG 1' TO ACCOUNT FOR SEDIMENTATION.

## LEGEND:

● BANKFULL ELEVATION TO ACT AS VERTICAL CONTROL POINT. POINT SHOULD BE VERIFIED BY DESIGNER BEFORE EARTHWORK BEGINS.

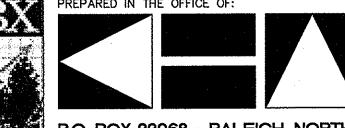
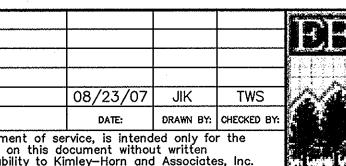


**UT2 RIFFLE**  
STA 200+00 TO 212+63.92



**UT2 POOL**  
STA 200+00 TO 212+62.94

|           |                                    |          |           |             |
|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
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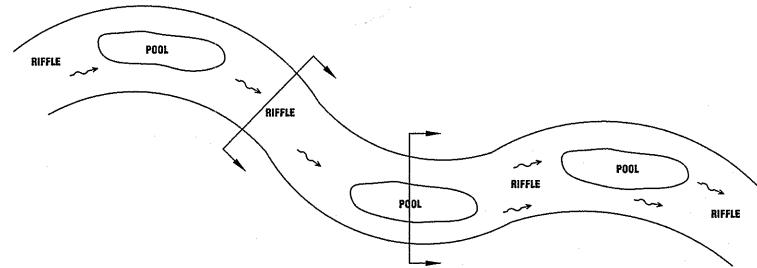
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CLIENT: **STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM**  
TITLE: **TYPICAL CROSS SECTIONS**



DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: **BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC**  
The record drawings represent the construction plans with adjustments made to represent constructed conditions.  
JOB NUMBER: 012620010 SHEET NUMBER: 22



TYPICAL PLAN VIEW SCHEMATIC

NTS

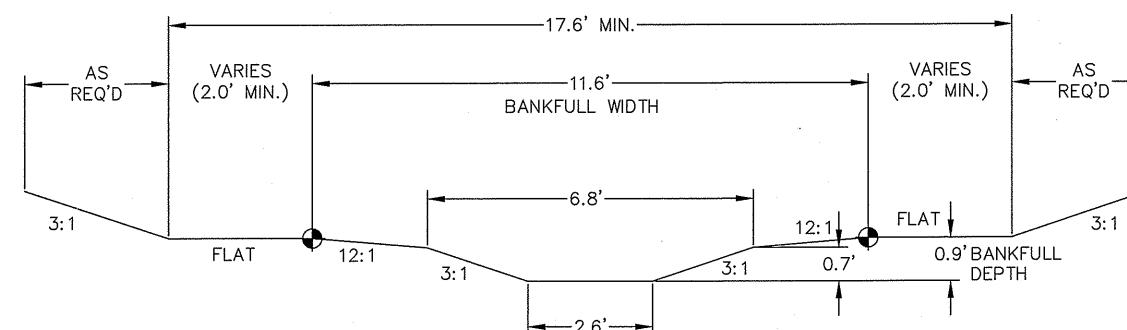
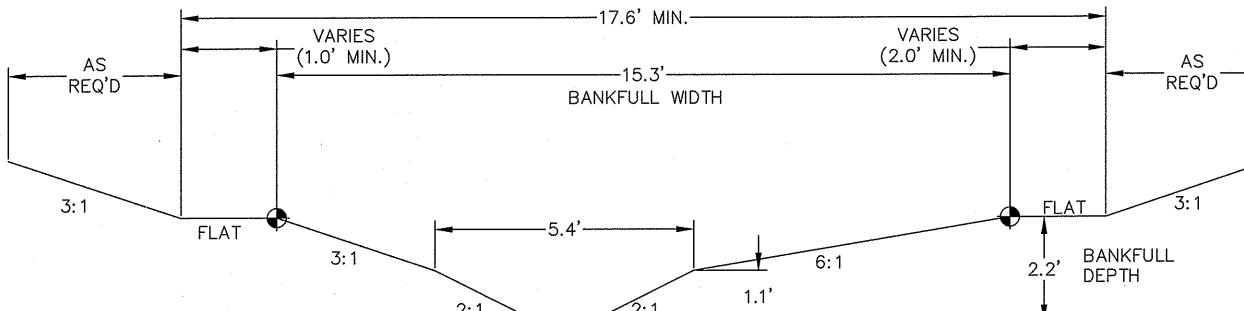
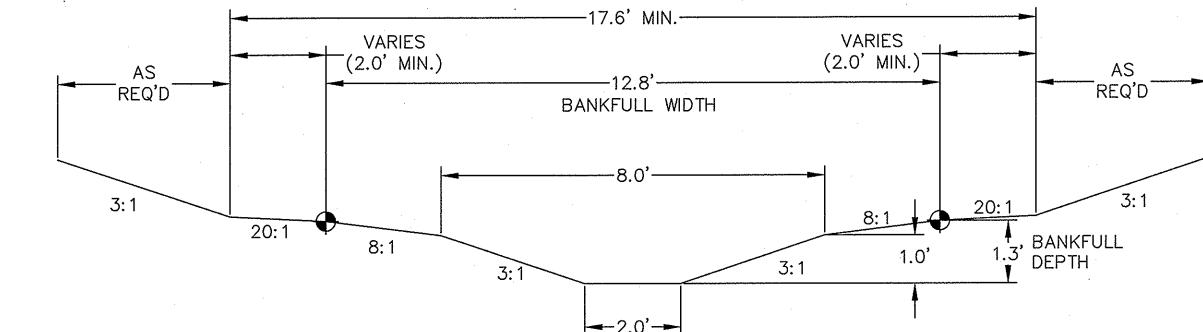
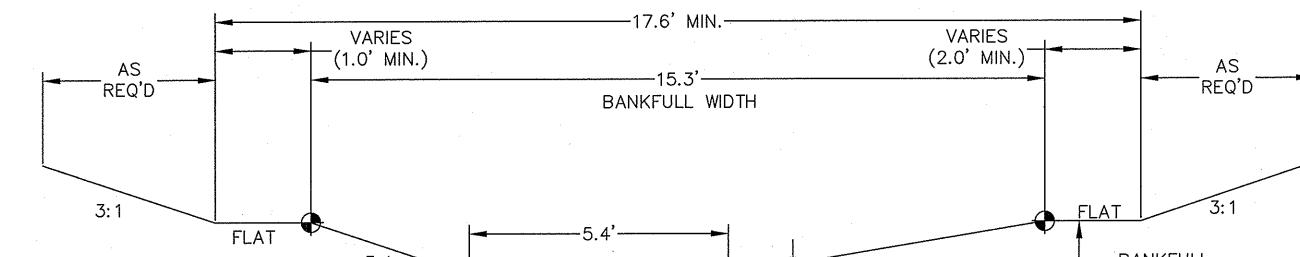
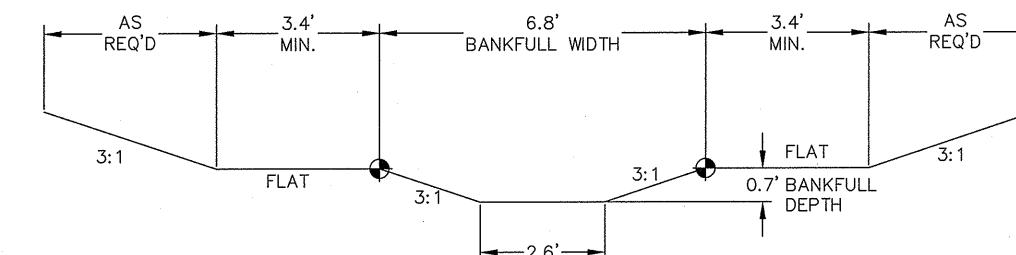
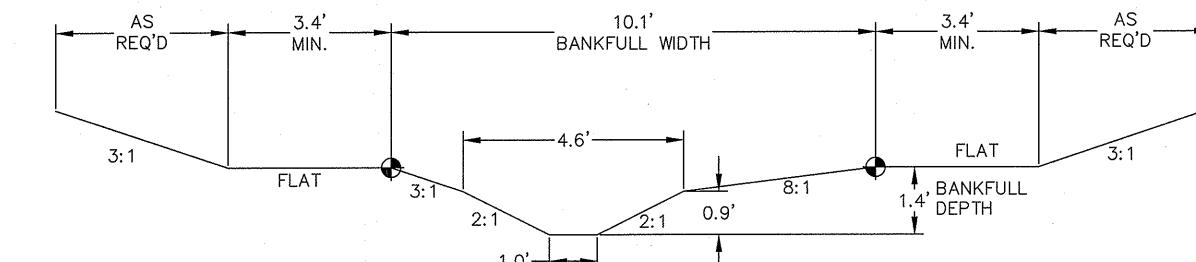
## NOTES:

TYPICAL SECTIONS ARE PROVIDED TO GIVE THE GENERAL DIMENSIONS OF THE CHANNEL. FINAL GRADING WILL GIVE THE CHANNEL A MORE "NATURAL" APPEARANCE AND ALLOW A SMOOTH TRANSITION FROM EXISTING CHANNEL TO NEW CHANNEL.

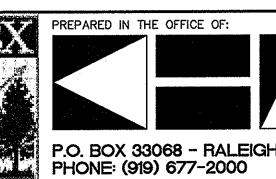
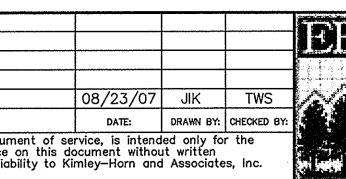
ALL POOLS SHALL BE OVERDUG 1' TO ACCOUNT FOR SEDIMENTATION.

## LEGEND:

● BANKFULL ELEVATION TO ACT AS VERTICAL CONTROL POINT. POINT SHOULD BE VERIFIED BY DESIGNER BEFORE EARTHWORK BEGINS.

UT3-B LOWER RIFFLE  
STA 315+50 TO 319+72UT3-B LOWER POOL  
STA 315+50 TO 319+72UT3-A RIFFLE  
STA 320+41 TO 336+27UT3-A POOL  
STA 320+41 TO 336+27UT3-B UPPER RIFFLE  
STA 300+00 TO 315+50UT3-B UPPER POOL  
STA 300+00 TO 315+50

|           |                                    |          |           |             |
|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
| REV. NO.: | REVISION:                          | DATE:    | DRAWN BY: | CHECKED BY: |

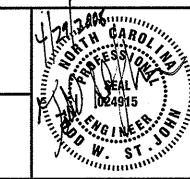


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CLIENT: STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM  
TITLE: TYPICAL CROSS SECTIONS



DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

The record drawings represent the construction plans with adjustments made to represent constructed conditions.

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

JOB NUMBER: 012620010 SHEET NUMBER: 23

**LEGEND**

- PROPOSED BANK FULL
- PROPOSED CREEK
- PERMANENT CONSERVATION EASEMENT
- PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING

**ROCK CROSS VANE**  
**LOG SILL**  
**ROCK A-VANE**  
**ROCK VANE**  
**LOG CROSS VANE**

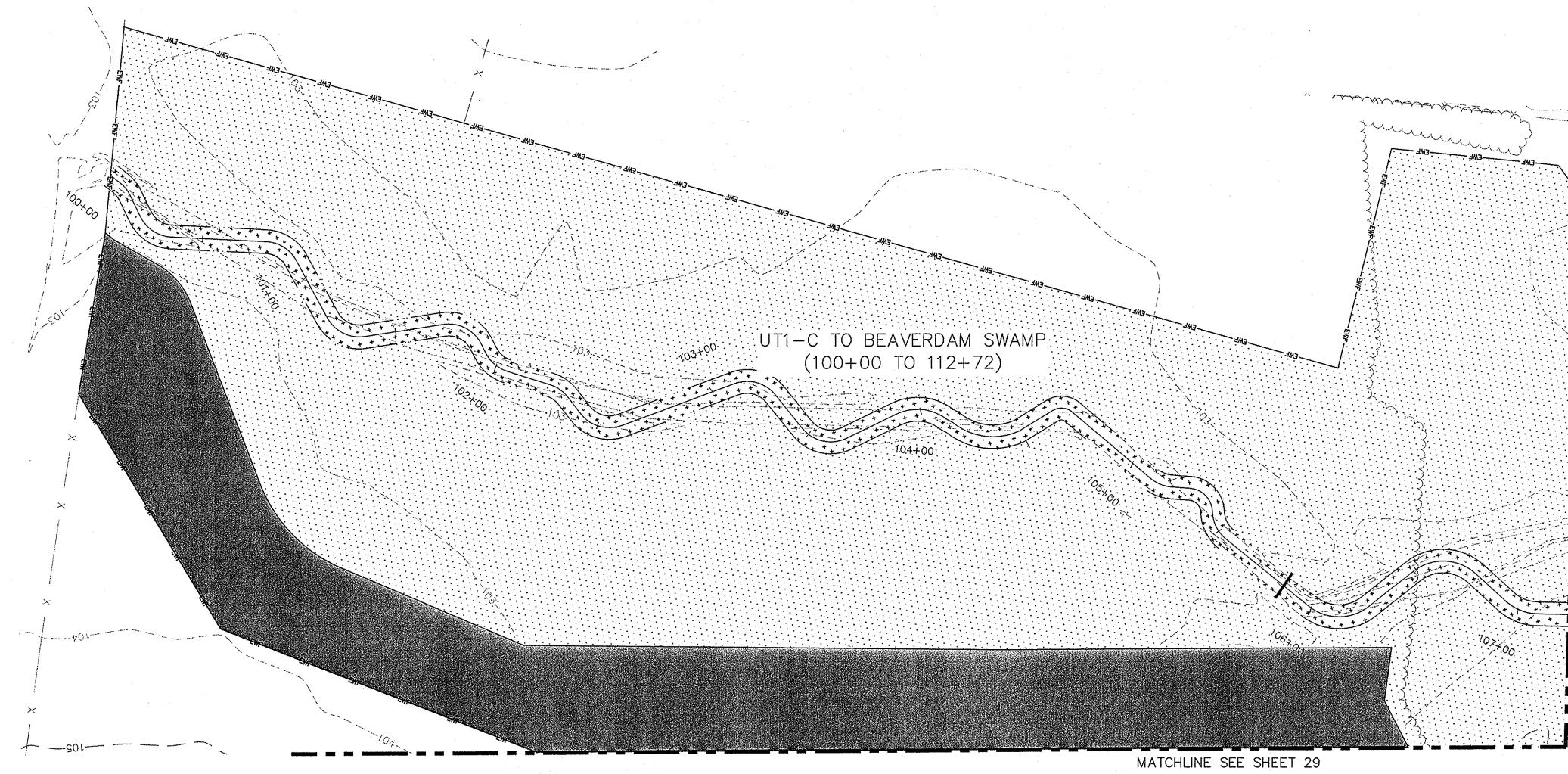
**SURVEY LEGEND**

- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

**PLANTING LEGEND**

|        |              |
|--------|--------------|
| ZONE 1 | STREAM BANKS |
| ZONE 2 | RIPARIAN     |
| ZONE 3 | UPLAND       |
| ZONE 4 | TO REMAIN    |

**NOTE:**  
 UT1-C DOWN TO STA 106+50 TO RECEIVE INVASIVE REMOVAL TREATMENT AND SUPPLEMENTAL PLANTING ONLY WITHIN THE FORESTED AREA. FORESTED AREA SHALL NOT BE RIPPED.



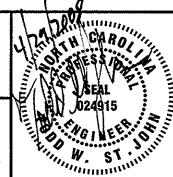
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| REV. No.: 1 | REvised PER Erosion Control Review | DATE: 08/23/07 | DRAWN BY: JIK | CHECKED BY: TWS |
| REV. No.: 1 | REVISION:                          | DATE:          | DRAWN BY:     | CHECKED BY:     |

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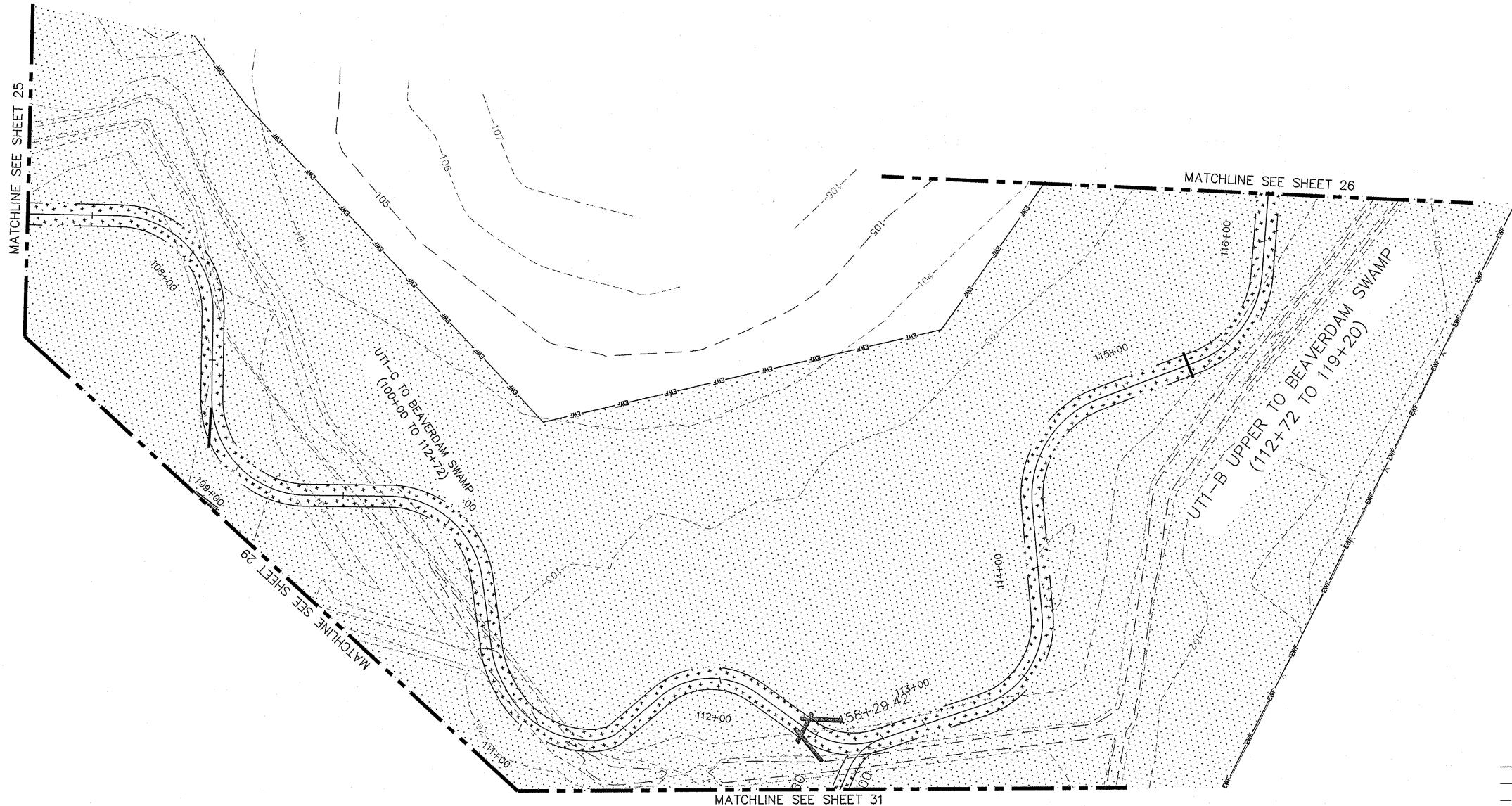
**Kimley-Horn  
 and Associates, Inc.**

CLIENT: **STATE OF NORTH CAROLINA  
 ECOSYSTEM ENHANCEMENT PROGRAM**  
 TITLE: **PLANTING PLAN**



The record drawings represent the construction plans with adjustments made to represent constructed conditions.

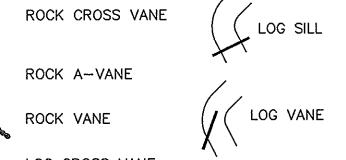
JOB NUMBER: 012620010 SHEET NUMBER: 24

PLANTING LEGEND

|        |  |              |
|--------|--|--------------|
| ZONE 1 |  | STREAM BANKS |
| ZONE 2 |  | RIPARIAN     |
| ZONE 3 |  | UPLAND       |
| ZONE 4 |  | TO REMAIN    |

LEGEND

|       |  |
|-------|--|
| 10+00 | PROPOSED BANK FULL                                     |
| —     | PROPOSED CREEK   |
| —     | PERMANENT CONSERVATION EASEMENT                        |
| —EW—  | PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING |
| —     | ROCK CROSS VANE  |
| —     | ROCK A-VANE  |
| —     | ROCK VANE  |
| —     | LOG CROSS VANE   |

SURVEY LEGEND

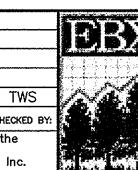
|       |                   |
|-------|-------------------|
| — — — | PROPERTY LINE     |
| — — — | MAJOR CONTOURS    |
| — — — | MINOR CONTOURS    |
| — — — | STREAM CENTERLINE |
| ~~~~~ | TREELINE          |
| ▼▼▼▼  | EXISTING WETLAND  |



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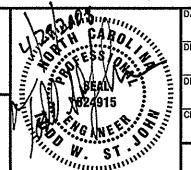


|           |                                    |          |           |             |
|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
| REV. NO.: | REVISION:                          | DATE:    | DRAWN BY: | CHECKED BY: |



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PHONE: (919) 677-2000 FAX: (919) 677-2050

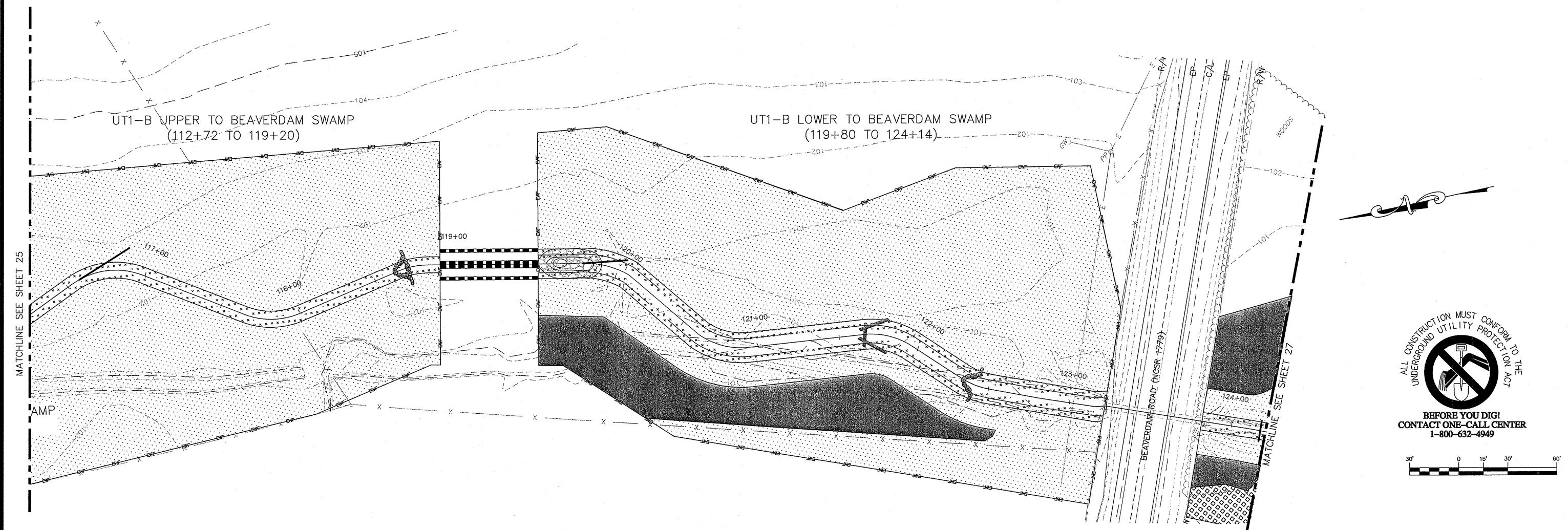
CLIENT: STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM  
TITLE: PLANTING PLAN



DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

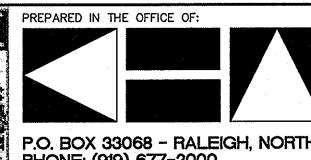
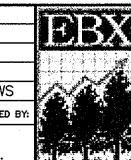
PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC  
The record drawings represent the construction plans with  
adjustments made to represent constructed conditions.

JOB NUMBER: 012620010 SHEET NUMBER: 25



|           |                                    |          |           |             |
|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
| REV. No.: | REVISION:                          | DATE:    | DRAWN BY: | CHECKED BY: |

EBX

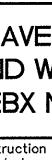
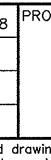
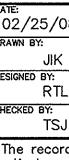


**Kimley-Horn  
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PHONE: (919) 677-2000 FAX: (919) 677-2050

PREPARED IN THE OFFICE OF:  
**STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM**

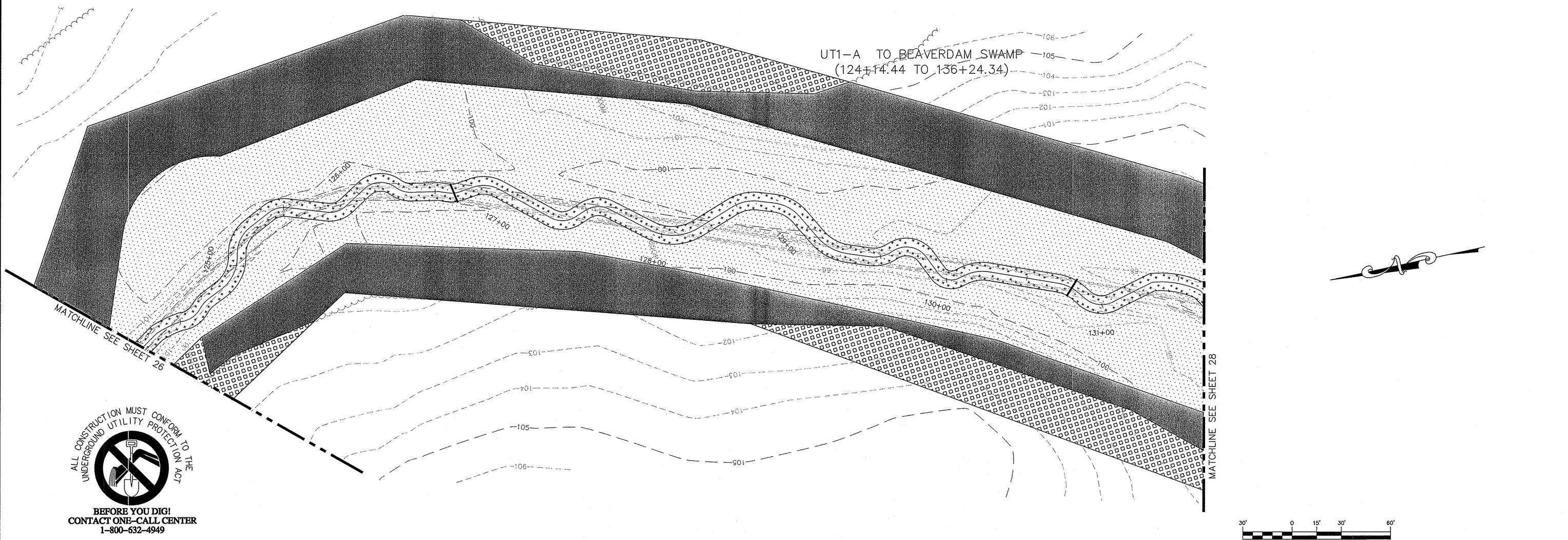
TITLE: **PLANTING PLAN**



DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

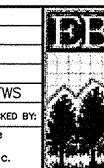
PROJECT: **BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC**

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| REV. No.: | REVISION:                          |



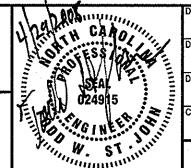
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and Associates, Inc.

C

CLIENT: STATE OF NORTH CAROLINA  
SOCIAL SECURITY BENEFITS PROGRAM

**FILE:**

## PLANTING PLAN



ATE:  
02/25/08  
DRAWN BY:  
JIK  
DESIGNED BY:  
RTL  
CHECKED BY:  
TCI

PROJECT:  
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**BEAVERDAM SWAMP  
TEAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC**

1

PLANTING LEGEND

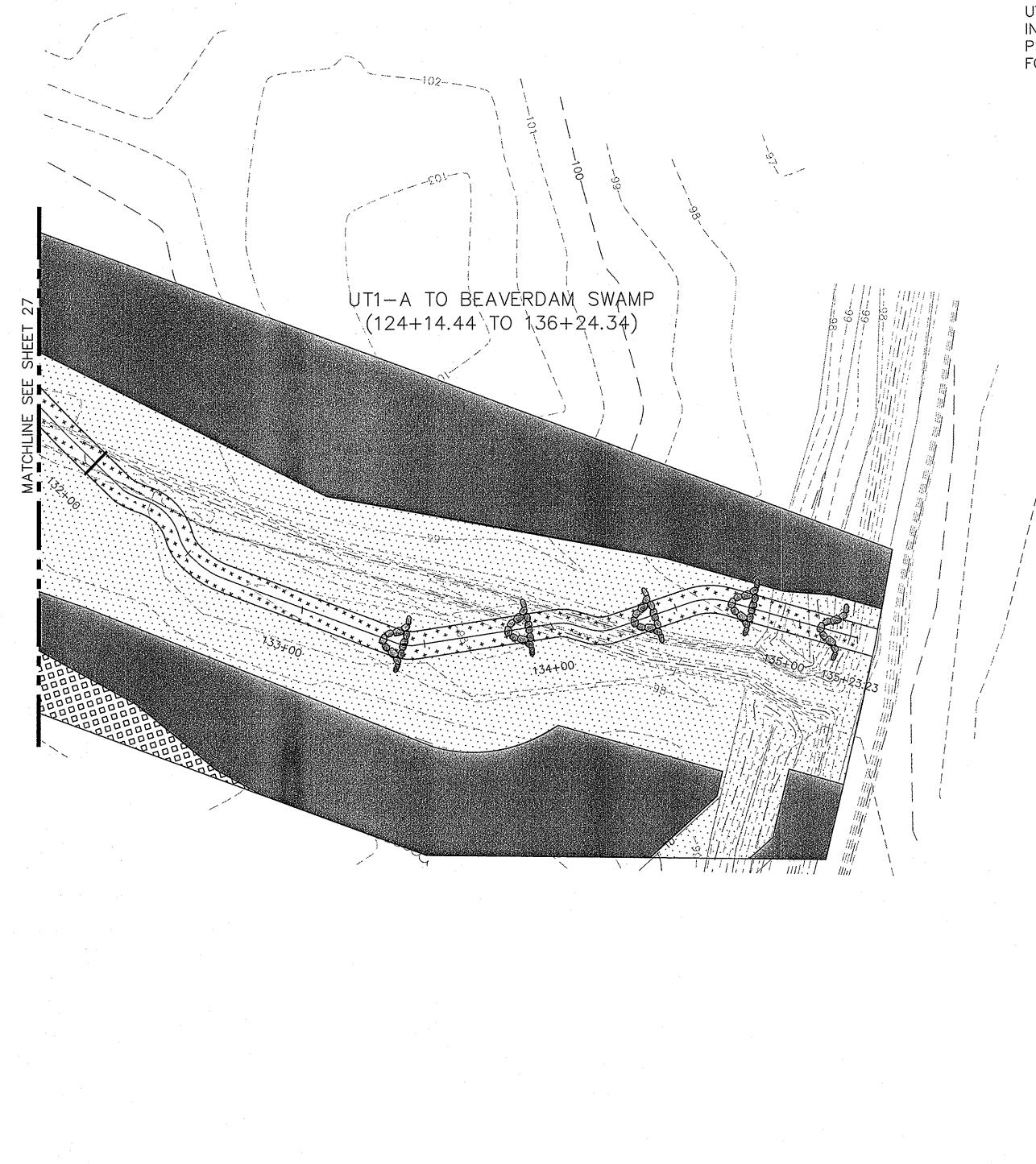
- ZONE 1 STREAM BANKS
- ZONE 2 RIPARIAN
- ZONE 3 UPLAND
- ZONE 4 TO REMAIN

LEGEND

- |  |  |
|--|--|
|  | PROPOSED BANK FULL                                     |
|  | PROPOSED CREEK   |
|  | PERMANENT CONSERVATION EASEMENT                        |
|  | PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING |
|  | ROCK CROSS VANE  |
|  | ROCK A-VANE  |
|  | ROCK VANE  |
|  | LOG CROSS VANE   |
|  | LOG SILL   |

SURVEY LEGEND

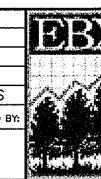
- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND



NOTE:  
UT1-A BELOW BEAVERDAM ROAD TO RECEIVE  
INVASIVE REMOVAL TREATMENT AND SUPPLEMENTAL  
PLANTING ONLY WITHIN THE FORESTED AREA.  
FORESTED AREA SHALL NOT BE RIPPED.

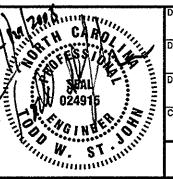
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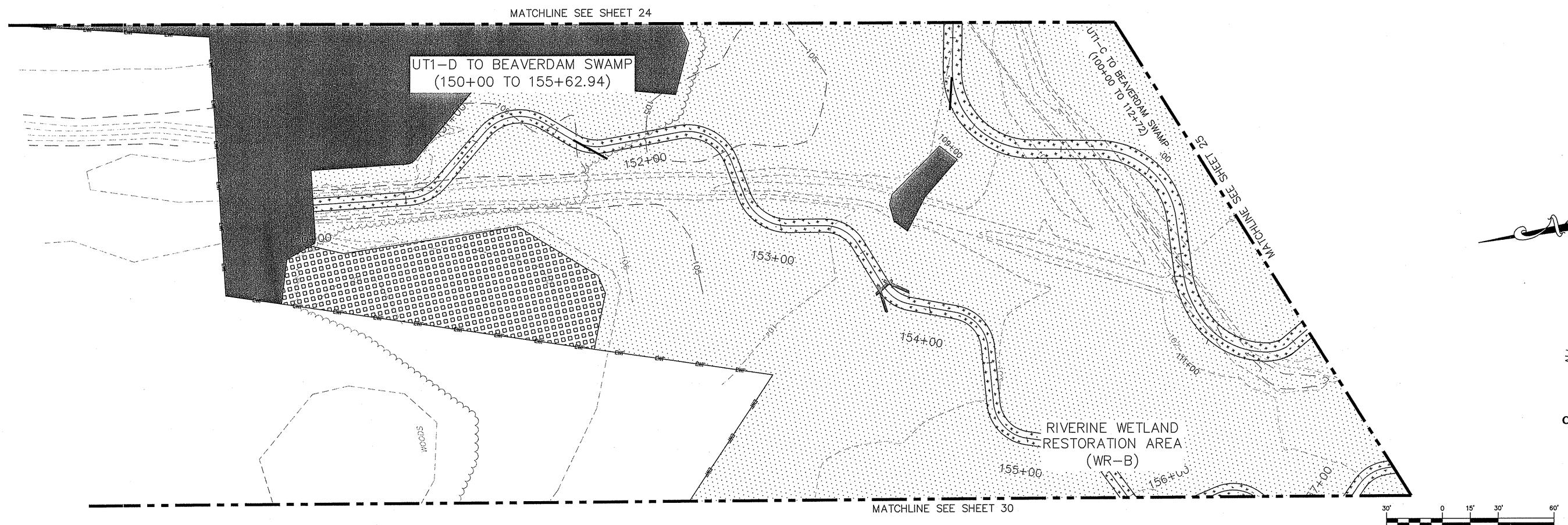
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CLIENT: **STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM**  
TITLE: **PLANTING PLAN**

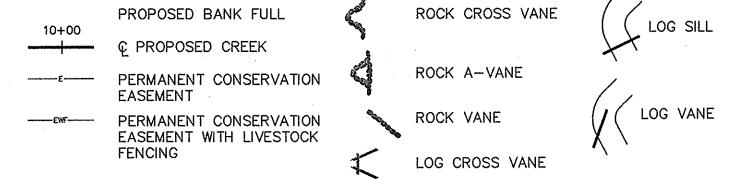


DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: **BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC**  
The record drawings represent the construction plans with adjustments made to represent constructed conditions.  
JOB NUMBER: 012620010 SHEET NUMBER: 28

PLANTING LEGEND

|        |  |              |
|--------|--|--------------|
| ZONE 1 |  | STREAM BANKS |
| ZONE 2 |  | RIPARIAN     |
| ZONE 3 |  | UPLAND       |
| ZONE 4 |  | TO REMAIN    |

LEGENDSURVEY LEGEND

|  |                   |
|--|-------------------|
|  | PROPERTY LINE     |
|  | MAJOR CONTOURS    |
|  | MINOR CONTOURS    |
|  | STREAM CENTERLINE |
|  | TREELINE          |
|  | EXISTING WETLAND  |

|           |                                    |          |           |             |
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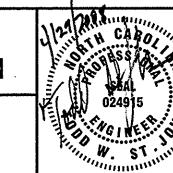


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TITLE: PLANTING PLAN

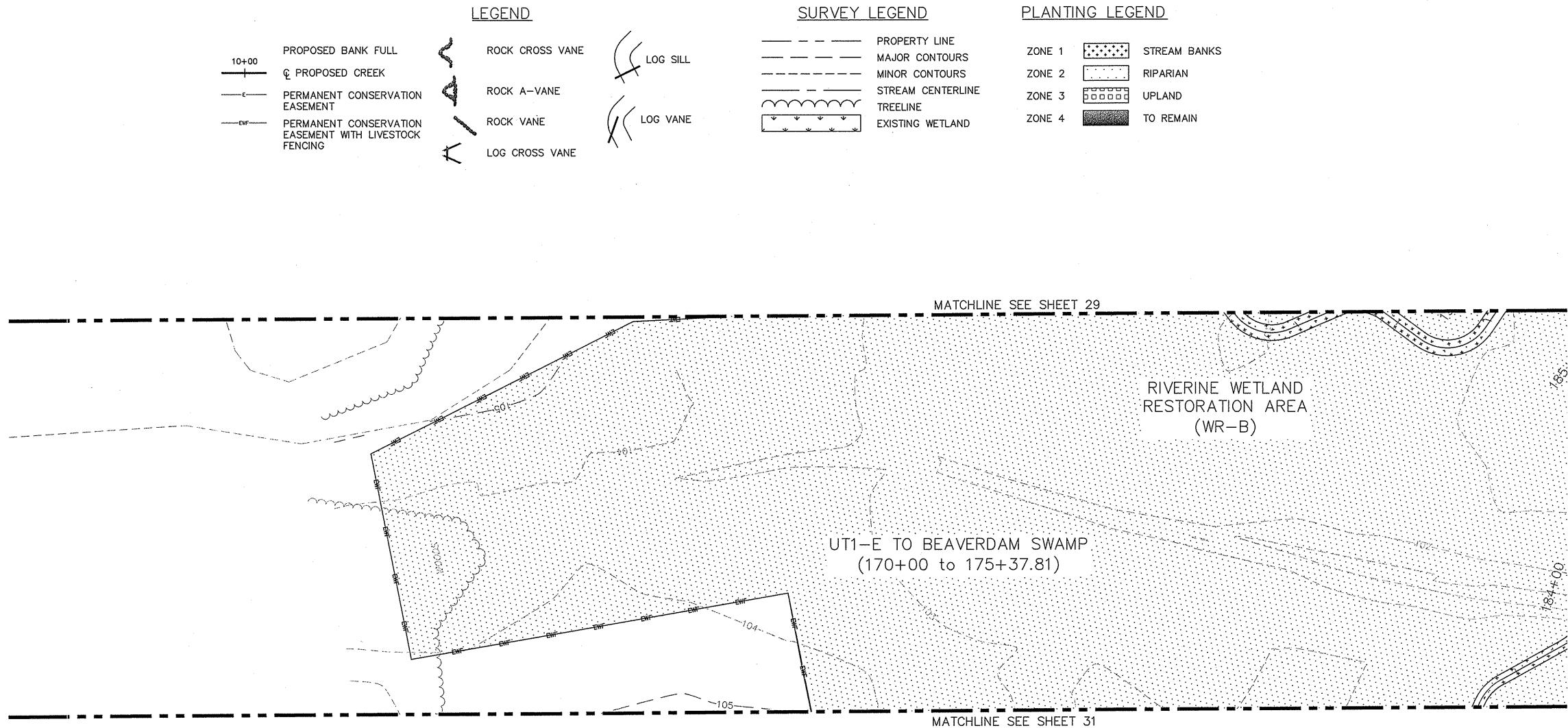


DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

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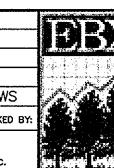
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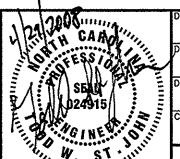
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| TITLE:  | <b>PLANTING PLAN</b>   |



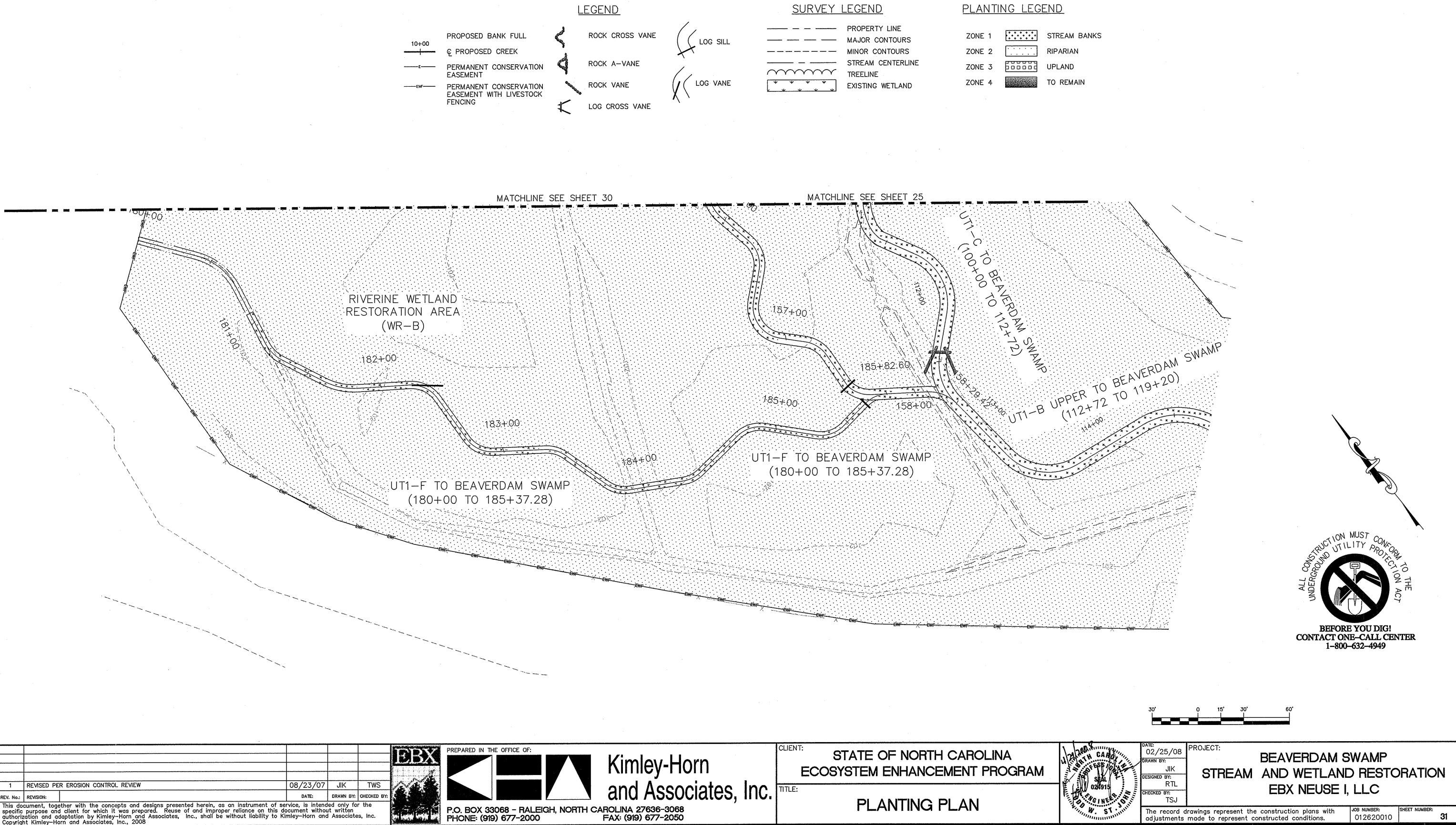
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PROJECT: BEAVER  
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WETLAND RESTORATION  
USE I, LLC

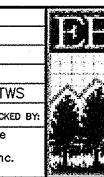
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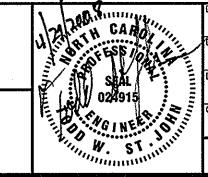


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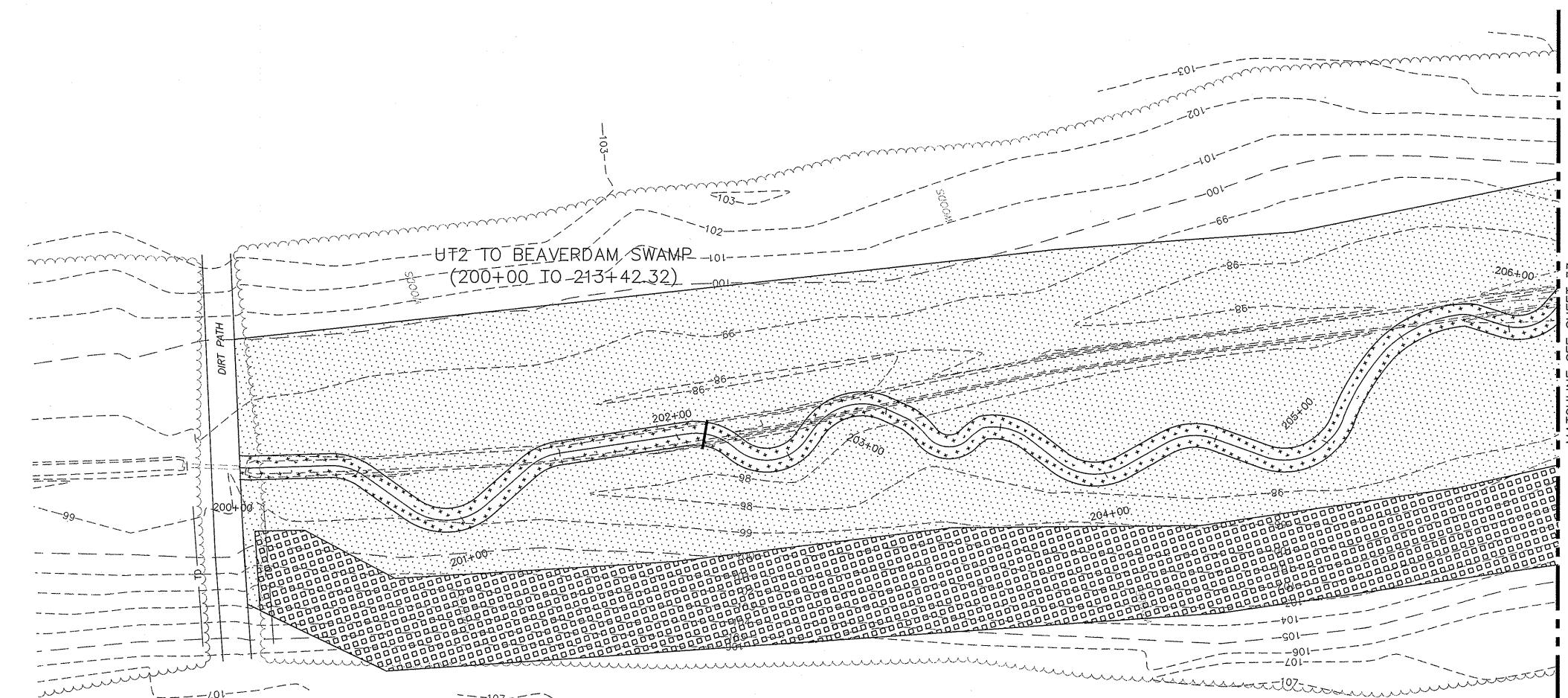
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CHECKED BY: TSJ

PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

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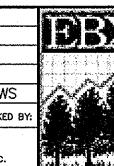
Job Number: 012620010 Sheet Number: 31



30' 0' 15' 30' 60'

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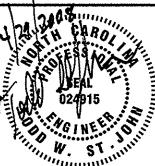
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TITLE: PLANTING PLAN

PLANNING ENGINEER: J. D. W. ST. JOHN

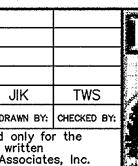
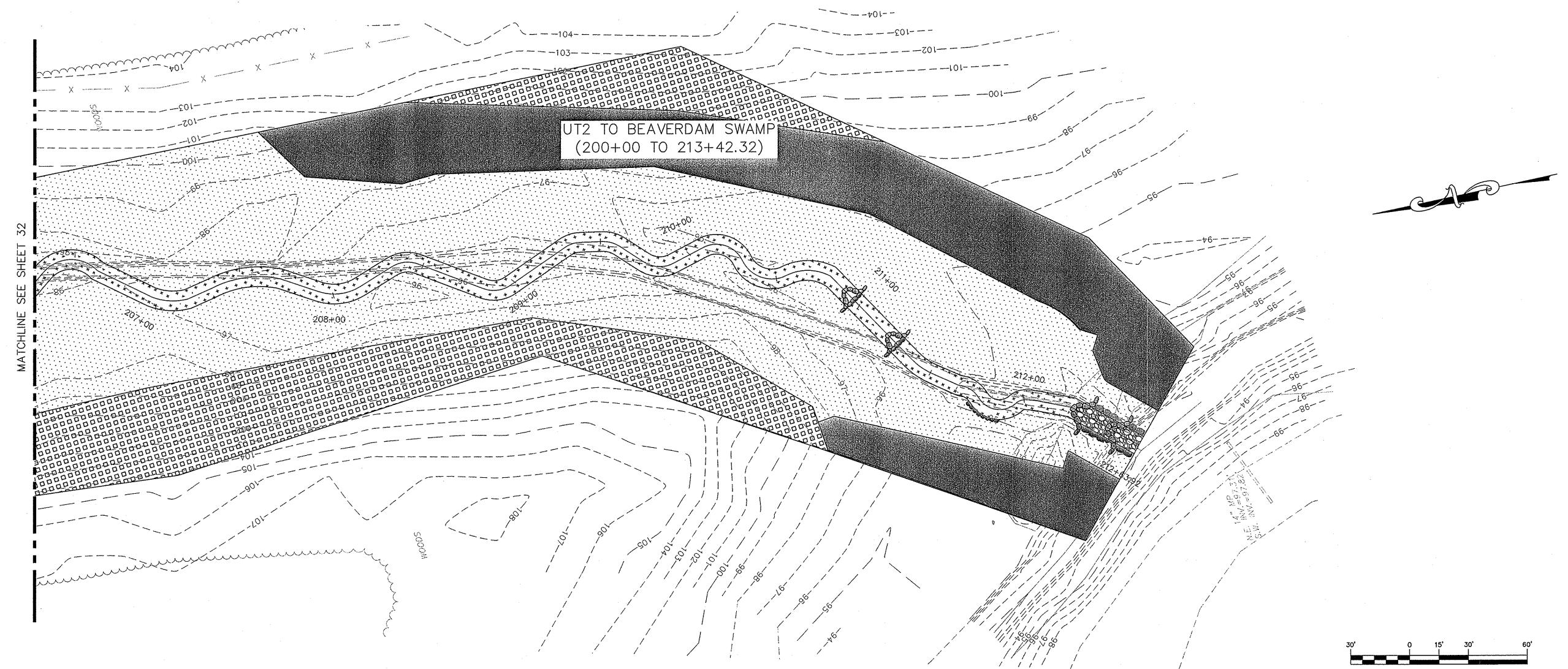
DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
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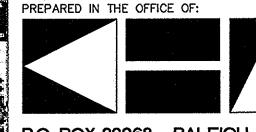
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**SURVEY LEGEND**

- PROPERTY LINE
- MAJOR CONTOURS
- - MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

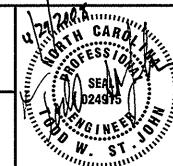
**PLANTING LEGEND**

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| ZONE 1 | STREAM BANKS |
| ZONE 2 | RIPARIAN     |
| ZONE 3 | UPLAND       |
| ZONE 4 | TO REMAIN    |



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TITLE: **PLANTING PLAN**

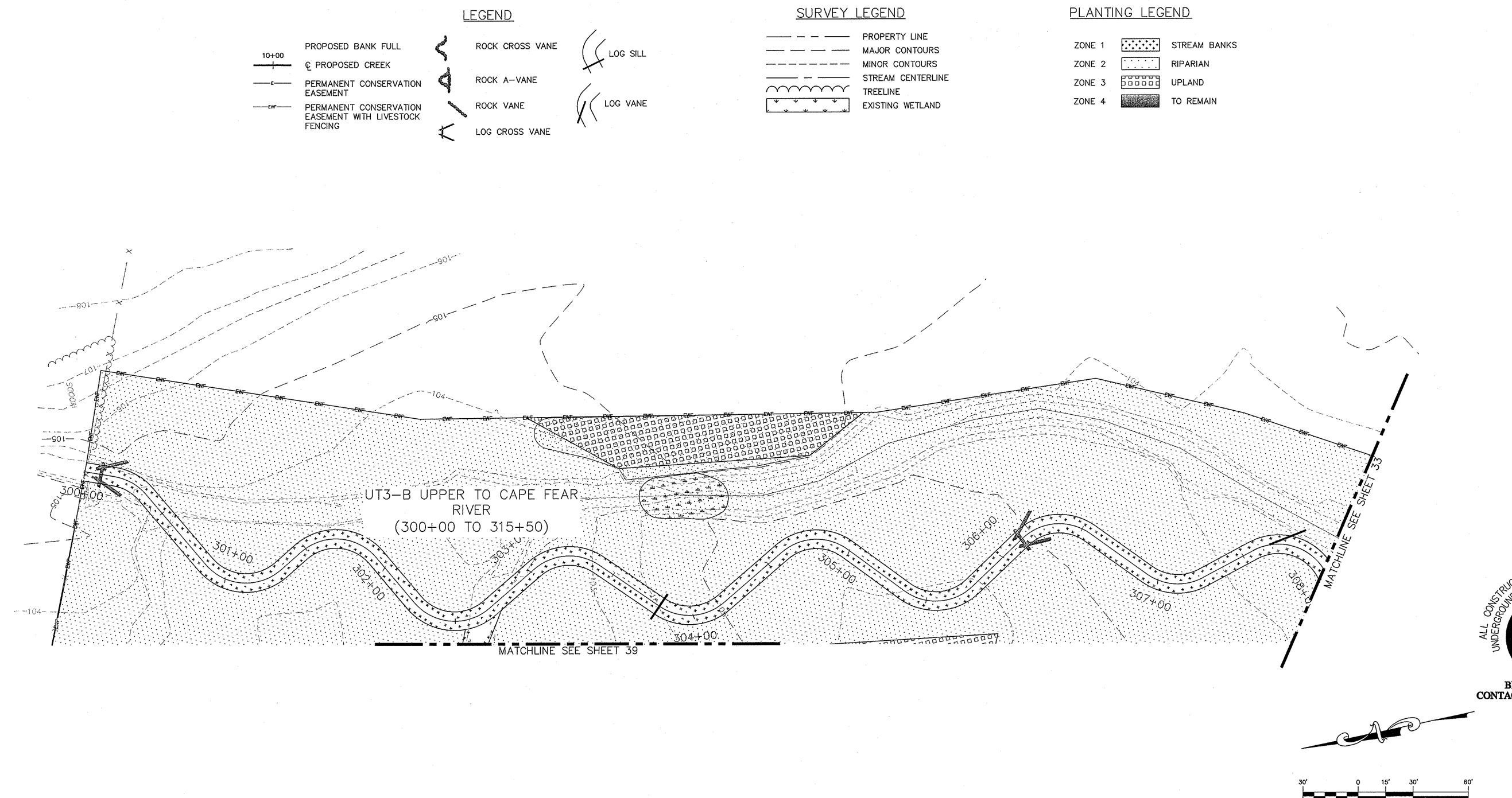


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DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

PROJECT: **BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC**

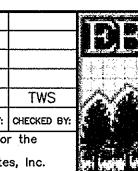
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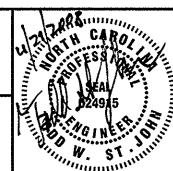
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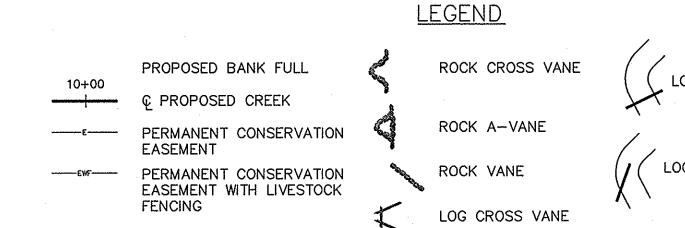
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| TITLE:  | C. PLANTING PLAN   |



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| DATE:        | 02/25/08 | PROJECT: | BEAVERD |
| DRAWN BY:    | JIK      | STREAM   | AND WET |
| DESIGNED BY: | RTL      |          | EBX NEU |
| CHECKED BY:  | TSJ      |          |         |

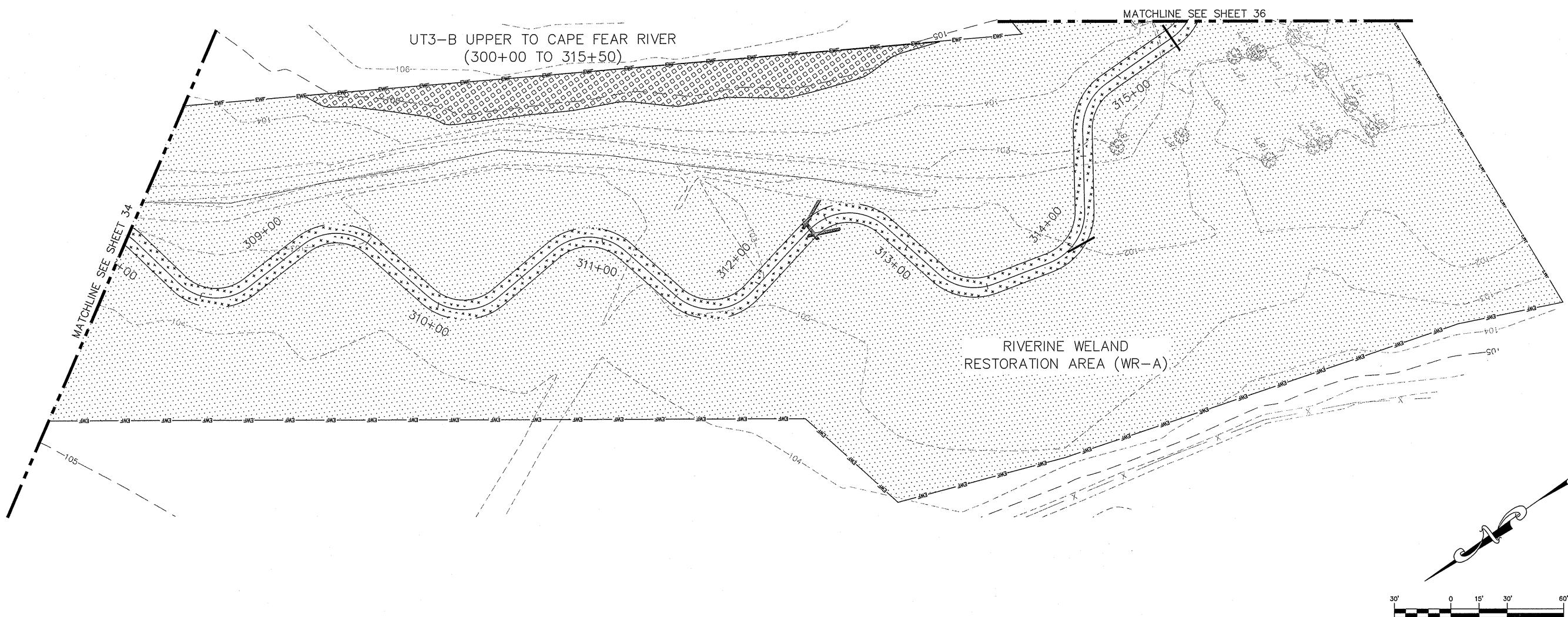
DAM SWAMP  
LAND RESTORATION  
USE I, LLC

SURVEY LEGEND

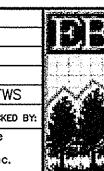
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- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

PLANTING LEGEND

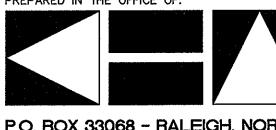
- |        |              |
|--------|--------------|
| ZONE 1 | STREAM BANKS |
| ZONE 2 | RIPARIAN     |
| ZONE 3 | UPLAND       |
| ZONE 4 | TO REMAIN    |



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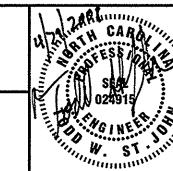
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ECOSYSTEM ENHANCEMENT PROGRAM

TITLE: PLANTING PLAN



DATE: 02/25/08

DRAWN BY:

JIK

DESIGNED BY:

RTL

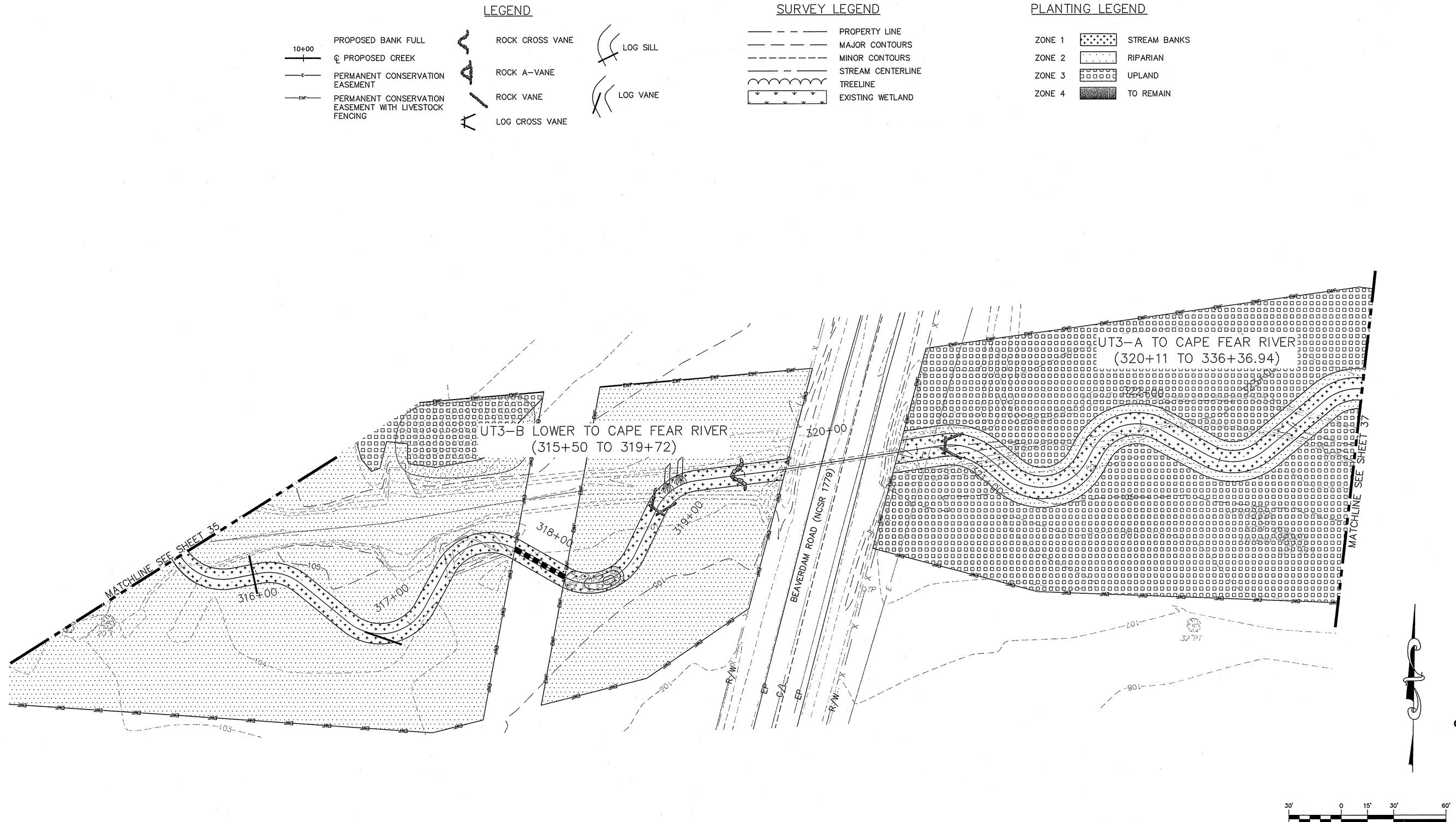
CHECKED BY:

TSJ

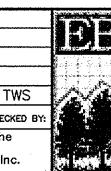
PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

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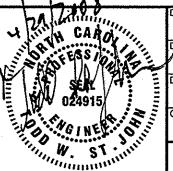
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TITLE: PLANTING PLAN



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JIK

DESIGNED BY:

RTL

CHECKED BY:

TSJ

PROJECT: BEAVERDAM SWAMP

STREAM

AND

WETLAND

RESTORATION

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**LEGEND**

- 10+00 PROPOSED BANK FULL
- PROPOSED CREEK
- PERMANENT CONSERVATION EASEMENT
- PERMANENT CONSERVATION EASEMENT WITH LIVESTOCK FENCING

**LEGEND**

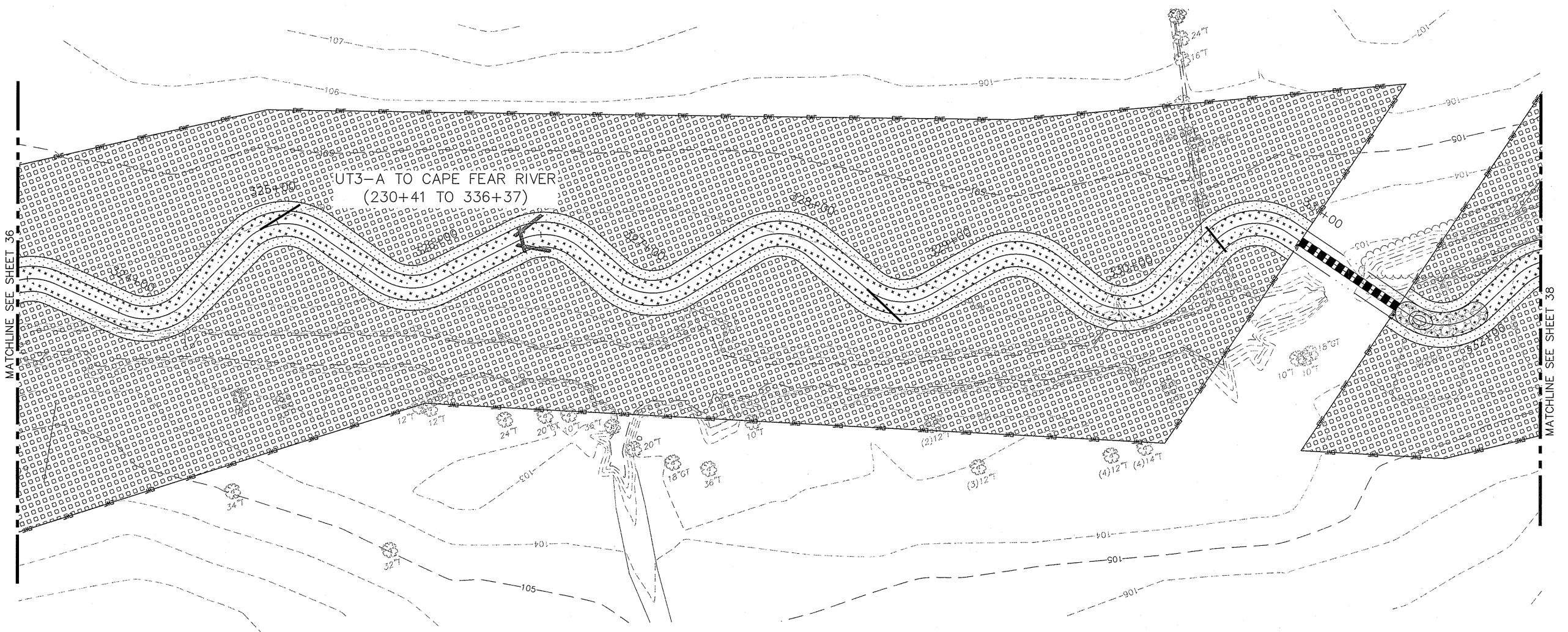
- ROCK CROSS VANE
- LOG SILL
- ROCK A-VANE
- LOG VANE
- ROCK VANE
- LOG CROSS VANE

**SURVEY LEGEND**

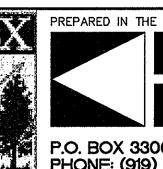
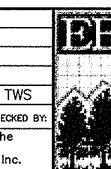
- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- STREAM CENTERLINE
- TREELINE
- EXISTING WETLAND

**PLANTING LEGEND**

|        |              |
|--------|--------------|
| ZONE 1 | STREAM BANKS |
| ZONE 2 | RIPARIAN     |
| ZONE 3 | UPLAND       |
| ZONE 4 | TO REMAIN    |



|           |                                    |          |           |             |
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TITLE: PLANTING PLAN

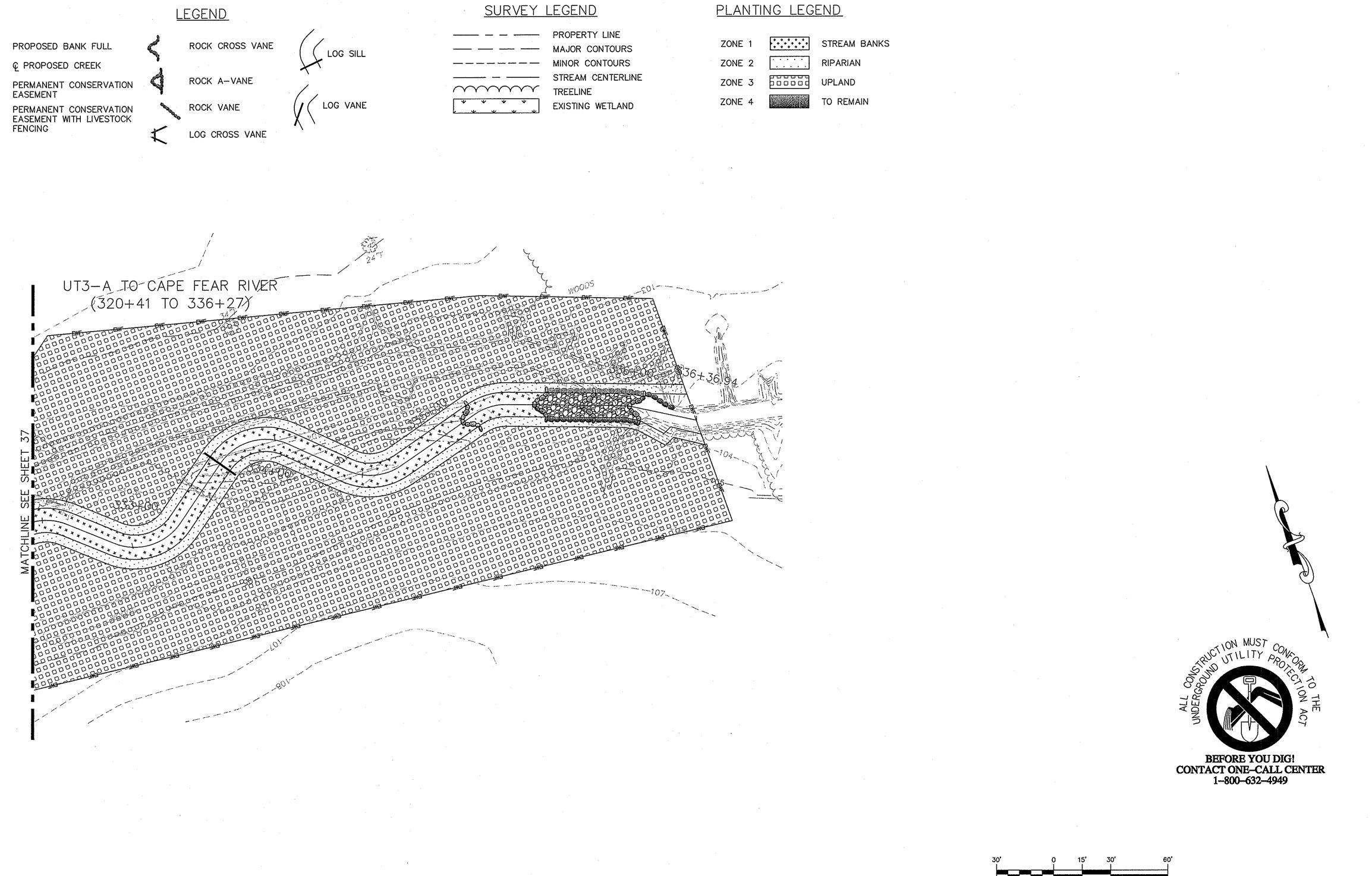


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DRAWN BY:  
JIK  
DESIGNED BY:  
RTL  
CHECKED BY:  
TSJ

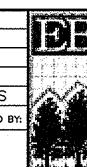
PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

The record drawings represent the construction plans with adjustments made to represent constructed conditions.

X08 NUMBER: 012620010 SHEET NUMBER: 37



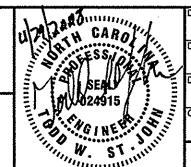
1 REVISED PER EROSION CONTROL REVIEW



X PREPARED IN THE OFFICE  
  
P.O. BOX 33068  
PHONE: (919) 677-1111

The logo for Kimley-Horn and Associates, Inc. It consists of a stylized graphic element on the left, which looks like a large letter 'K' with a triangle cut out of its center, followed by the company name "Kimley-Horn and Associates, Inc." in a serif font.

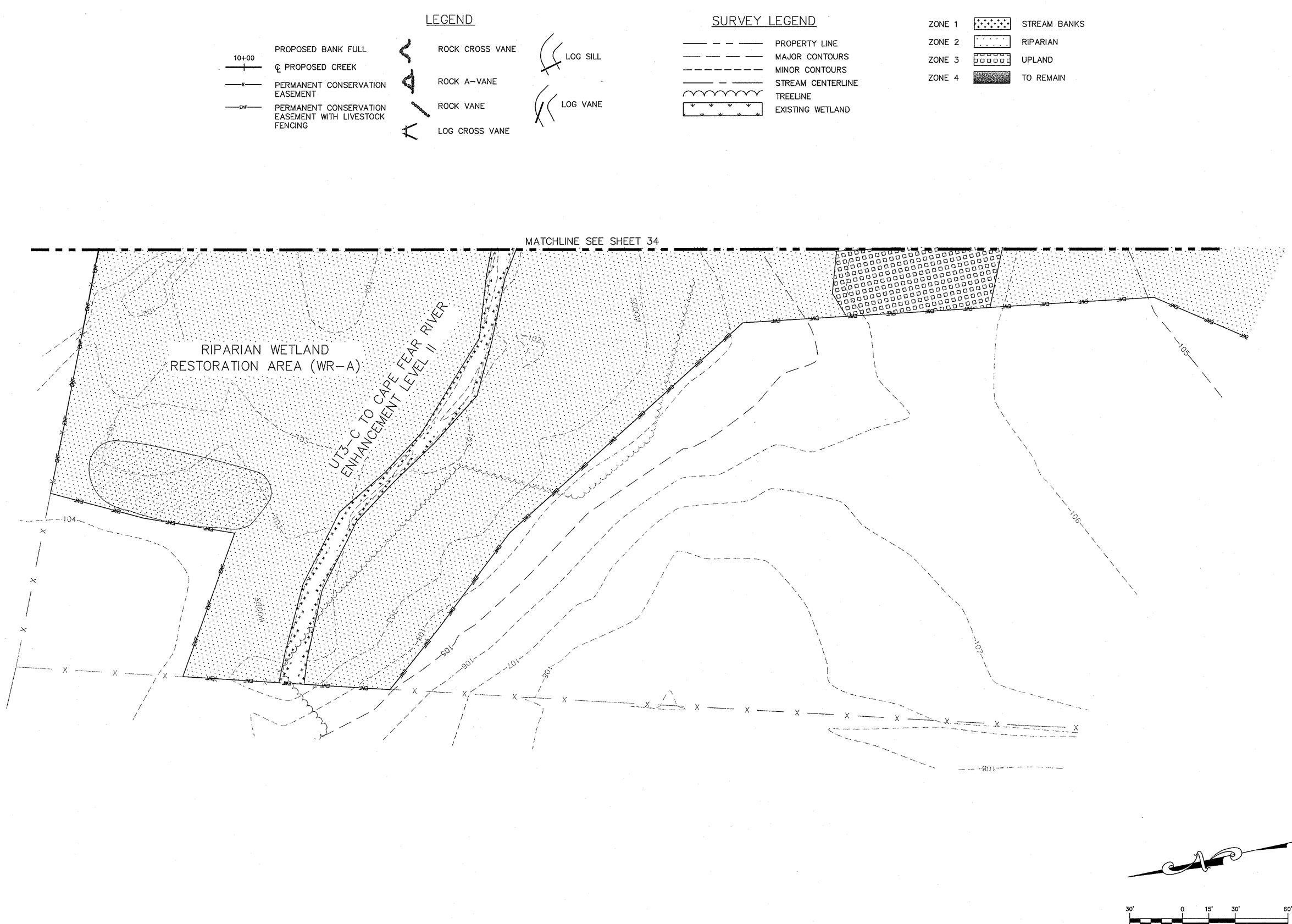
|         |  |
|---------|--|
| CLIENT: | STATE OF NORTH CAROLINA<br>ECOSYSTEM ENHANCEMENT PROGRAM |
| TITLE:  | PLANTING PLAN  |



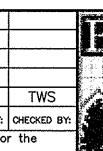
|                            |                           |
|----------------------------|---------------------------|
| DATE:<br>02/25/08          | PROJECT:<br><b>BEAVER</b> |
| DRAWN BY:<br><b>JIK</b>    | STREAM AND WE             |
| DESIGNED BY:<br><b>RTL</b> | <b>EBX N</b>              |
| CHECKED BY:<br><b>TSJ</b>  |                           |

The record drawings represent the construction plan, including all adjustments made to represent constructed conditions.

**DAM SWAMP  
WETLAND RESTORATION  
USE I, LLC**



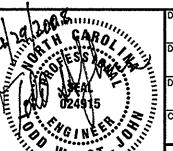
|           |                                    |          |           |             |
|-----------|------------------------------------|----------|-----------|-------------|
| 1         | REVISED PER EROSION CONTROL REVIEW | 08/23/07 | JIK       | TWS         |
| REV. NO.: | REVISION:                          | DATE:    | DRAWN BY: | CHECKED BY: |



**Kimley-Horn  
and Associates, Inc.**

PREPARED IN THE OFFICE OF:  
P.O. BOX 33068 - RALEIGH, NORTH CAROLINA 27636-3068  
PHONE: (919) 677-2000 FAX: (919) 677-2050

CLIENT: STATE OF NORTH CAROLINA  
ECOSYSTEM ENHANCEMENT PROGRAM  
TITLE: PLANTING PLAN



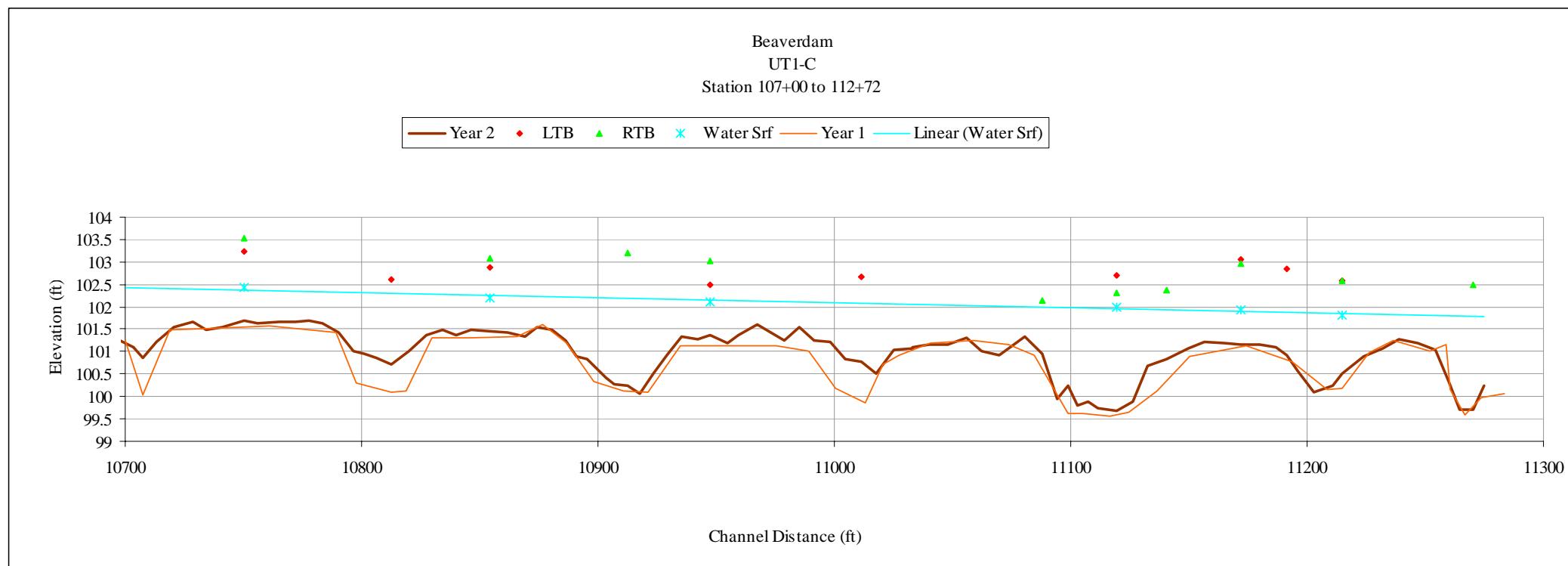
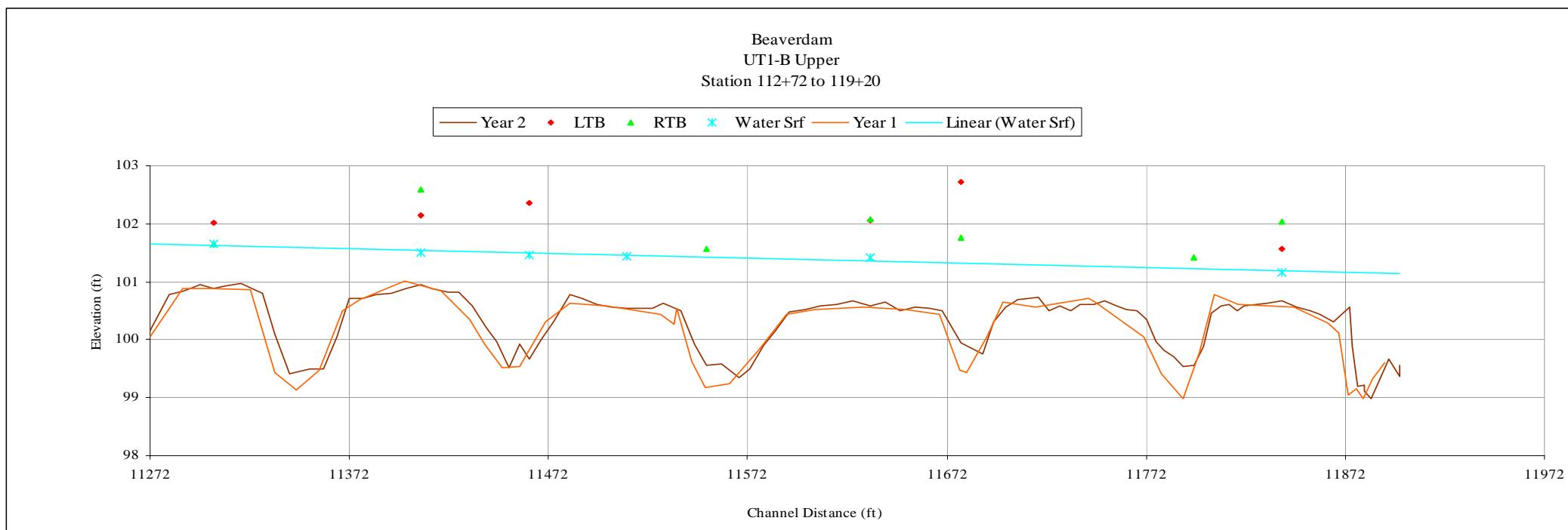
DATE: 02/25/08  
DRAWN BY: JIK  
DESIGNED BY: RTL  
CHECKED BY: TSJ

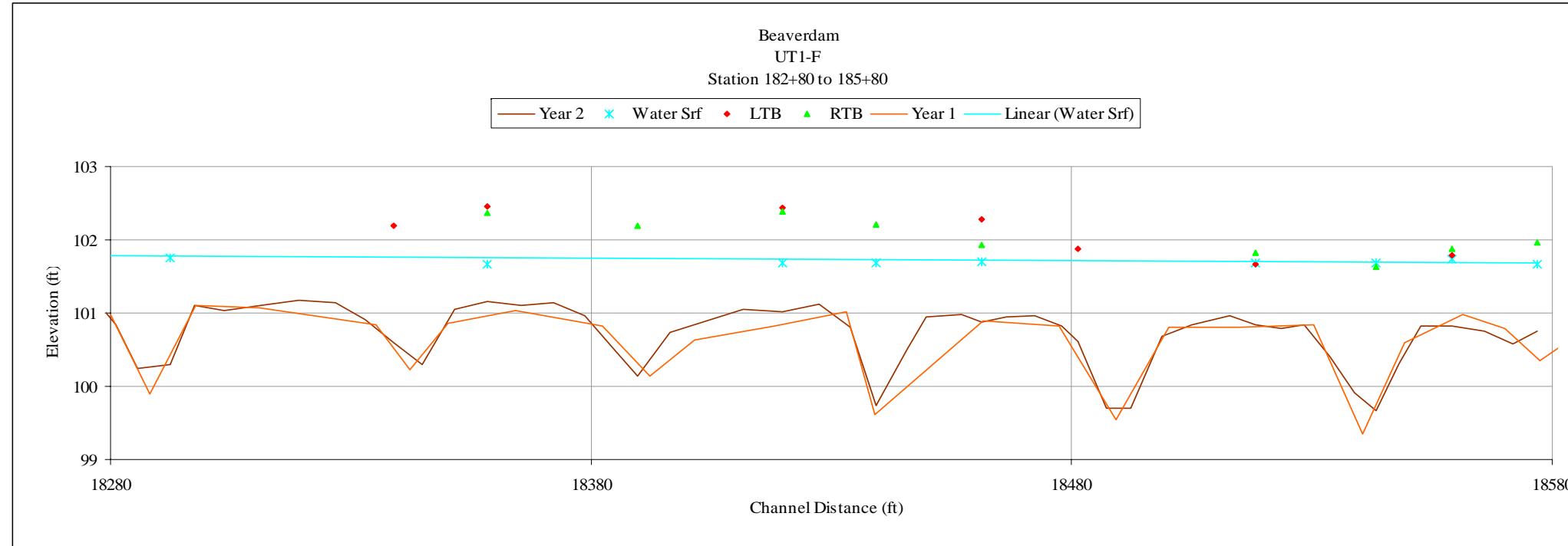
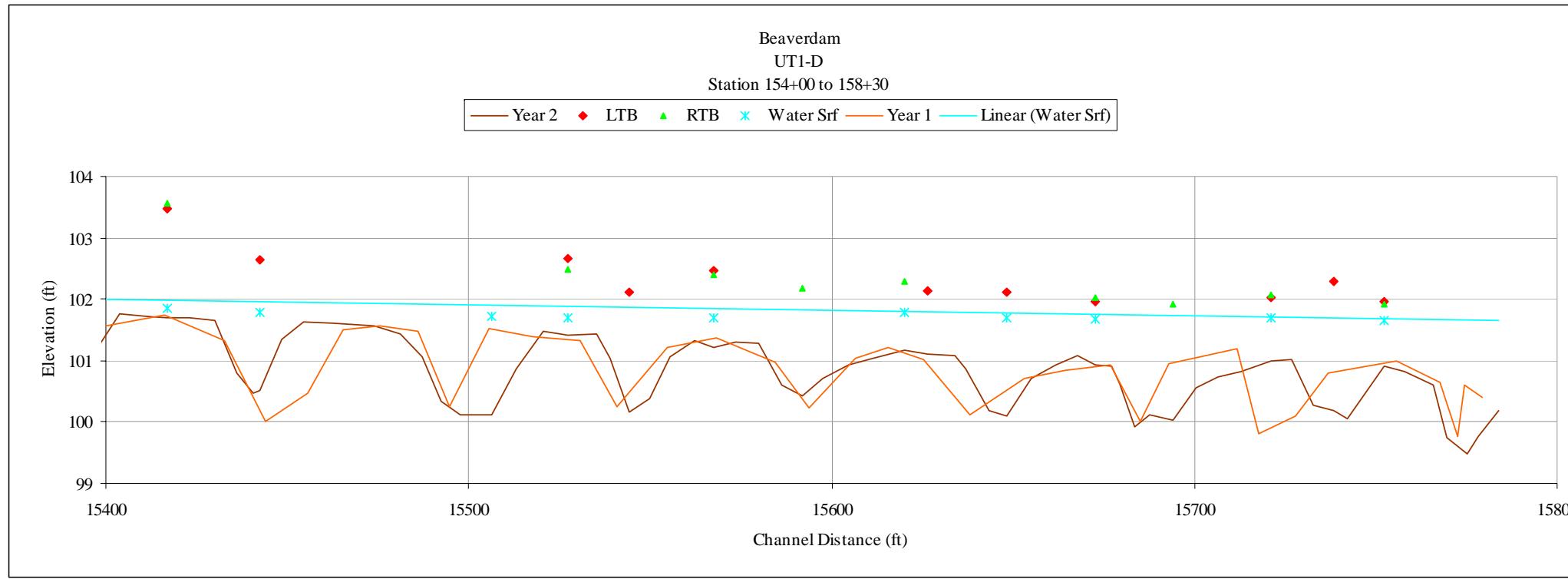
PROJECT: BEAVERDAM SWAMP  
STREAM AND WETLAND RESTORATION  
EBX NEUSE I, LLC

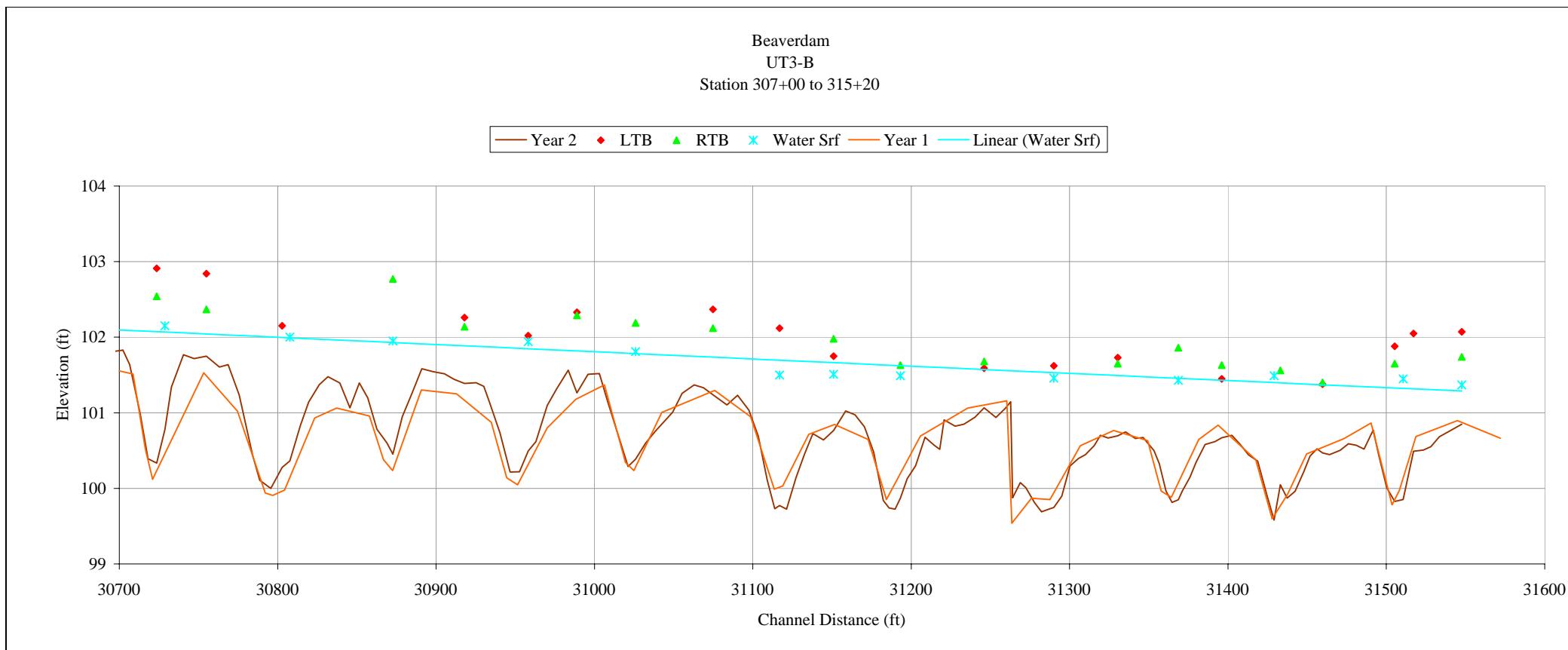
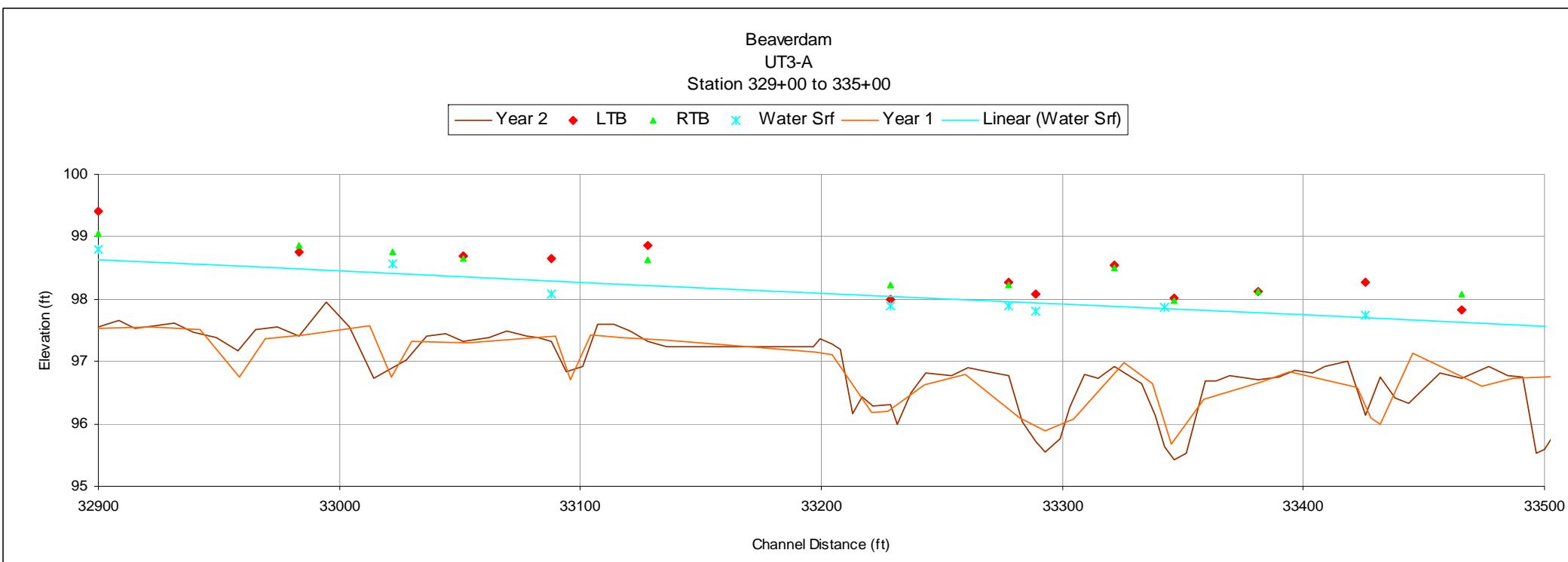
The record drawings represent the construction plans with adjustments made to represent constructed conditions.

## **APPENDIX B**

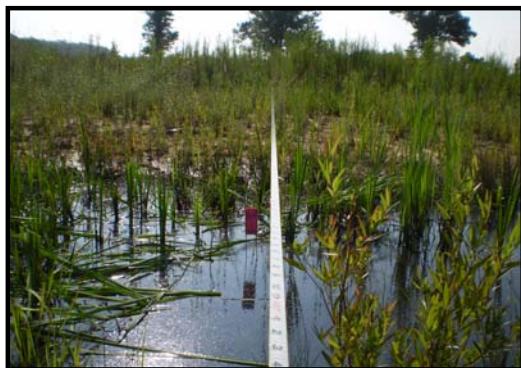
### **2009 Profile and Cross Section Data**







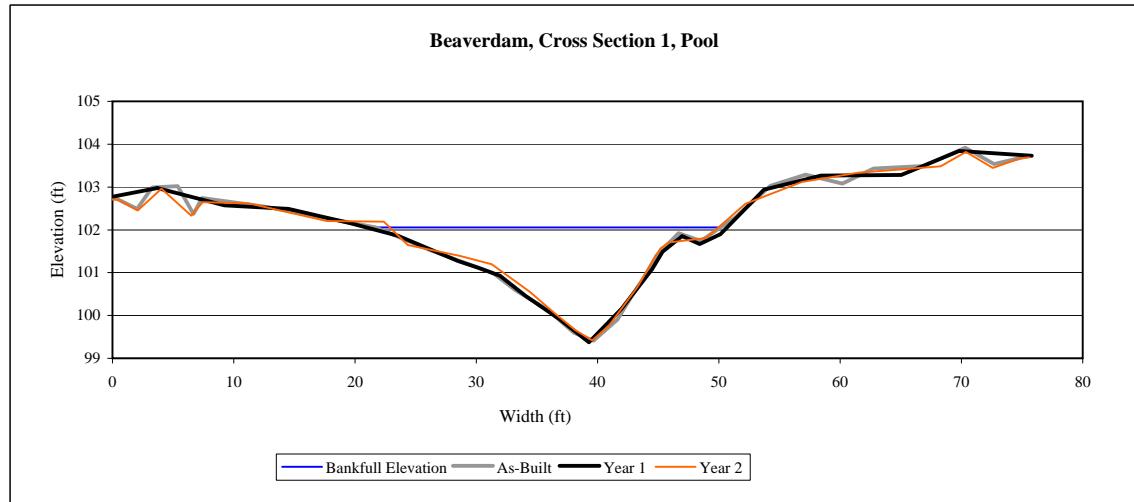
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



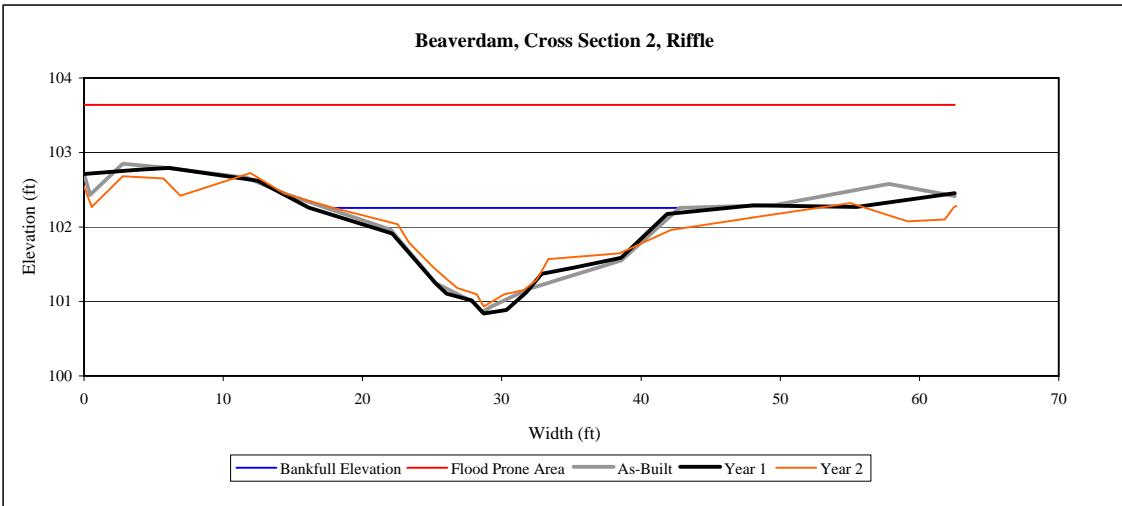
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



## Left bank



## Right bank



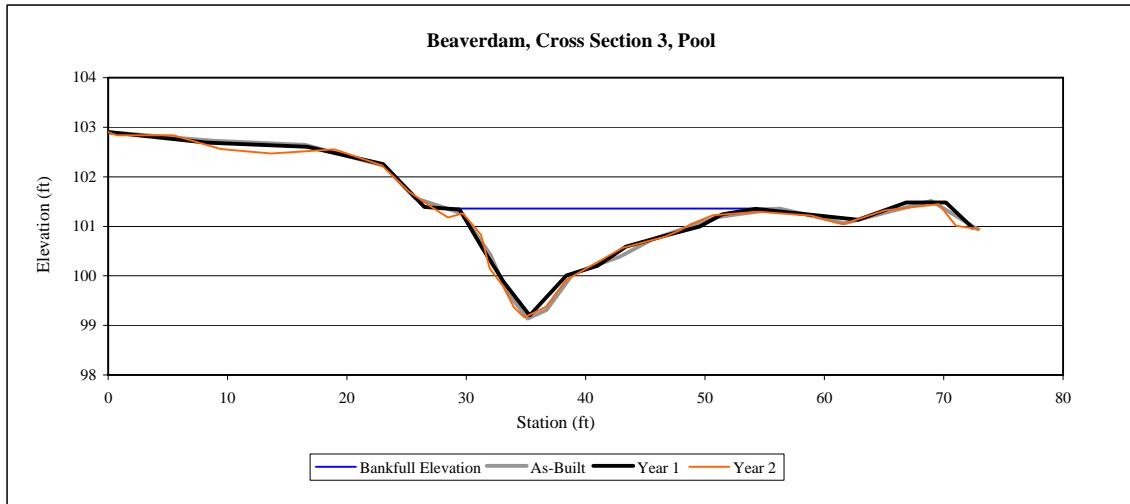
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



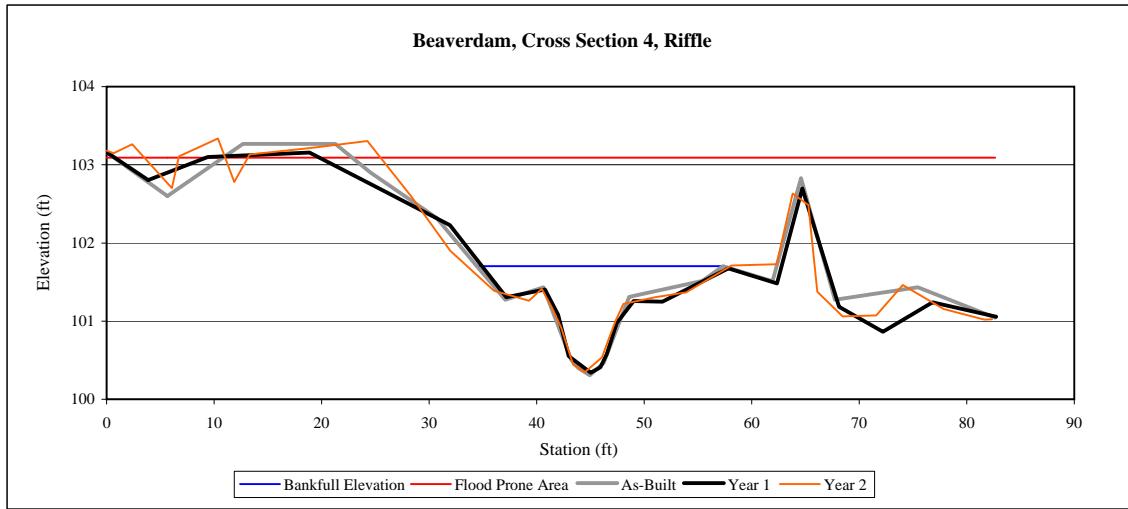
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



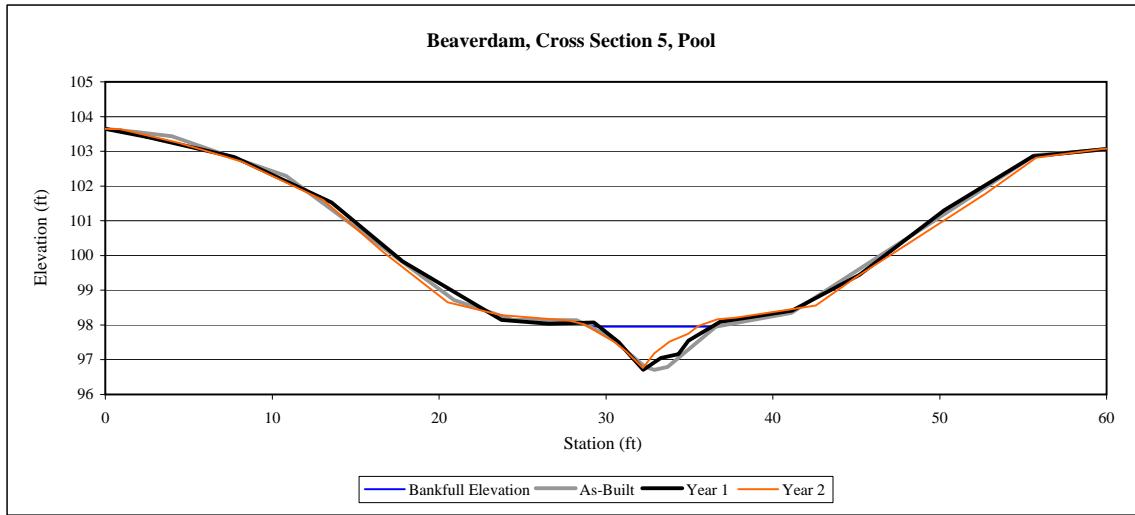
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



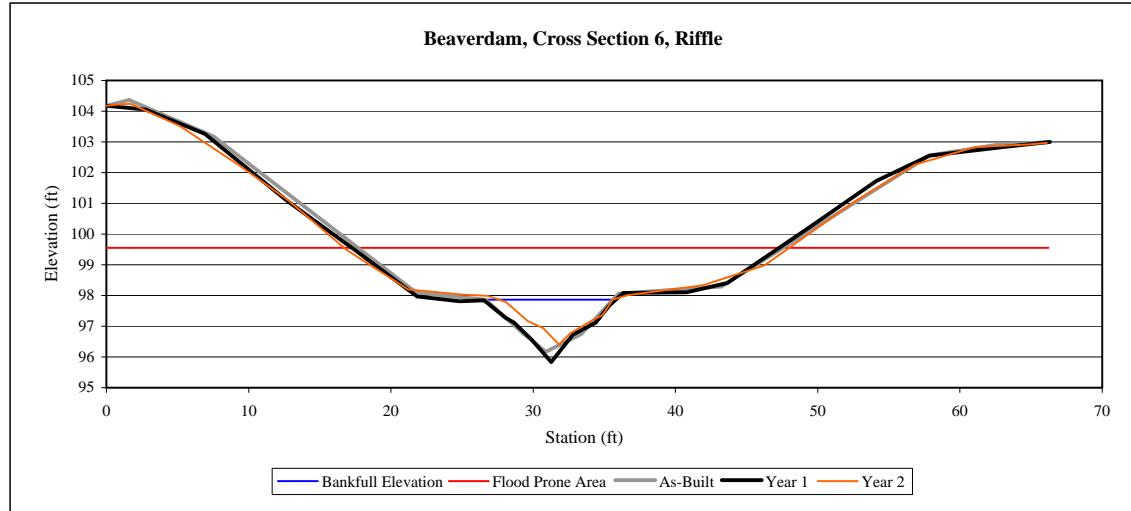
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



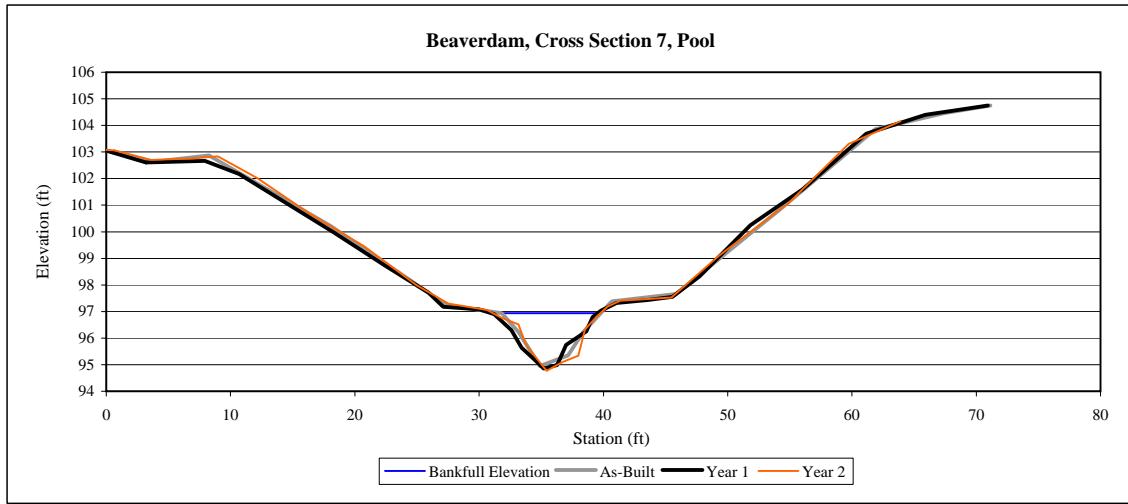
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



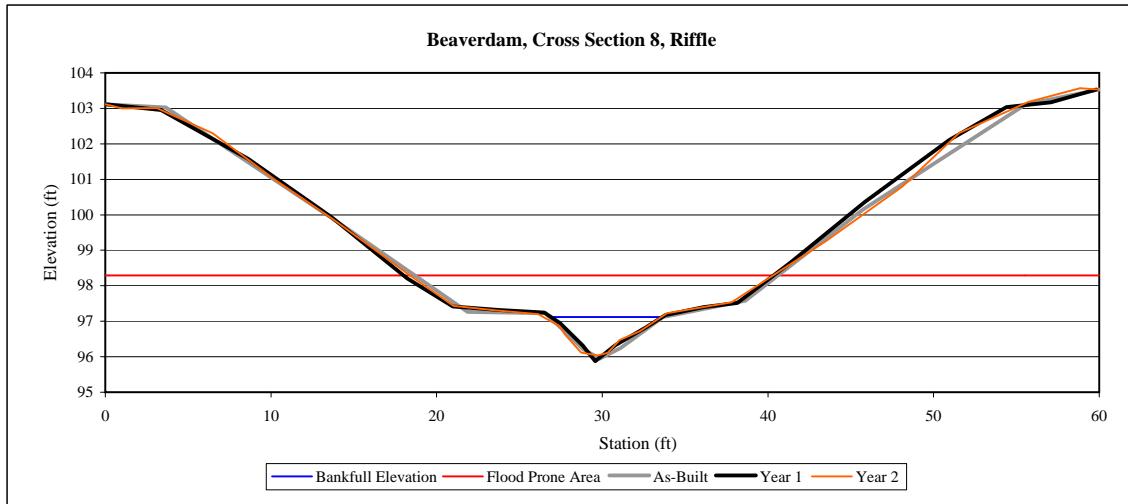
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



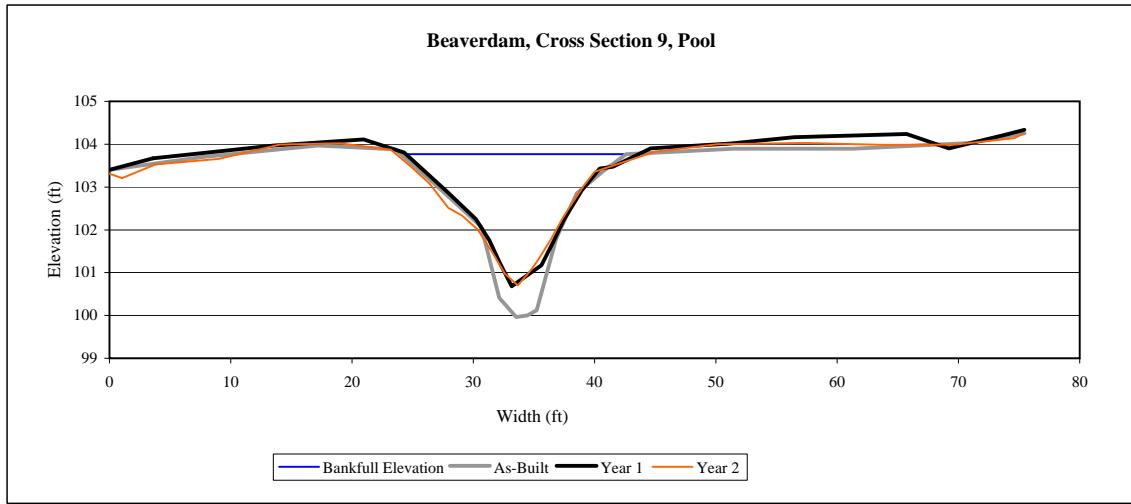
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



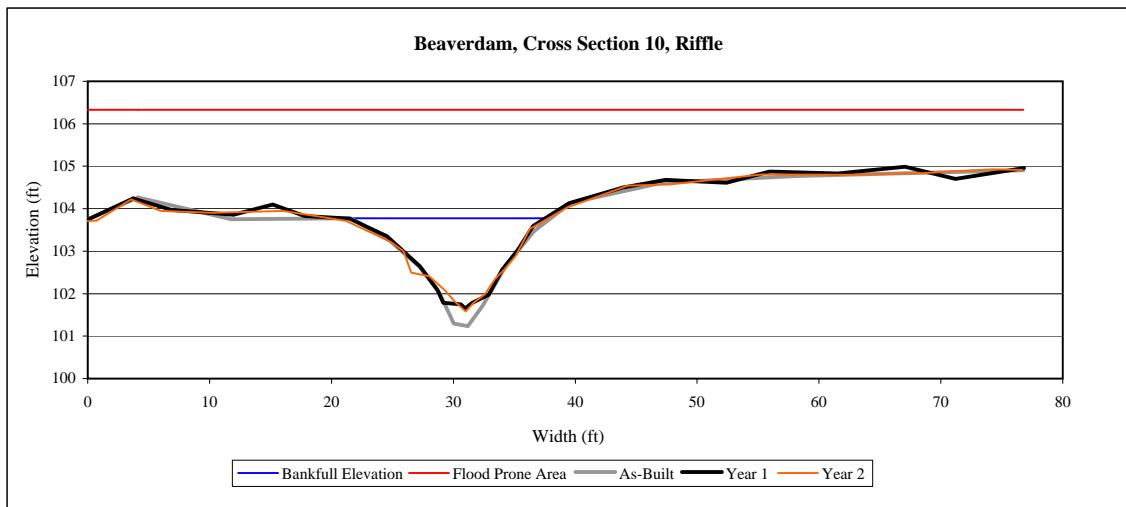
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



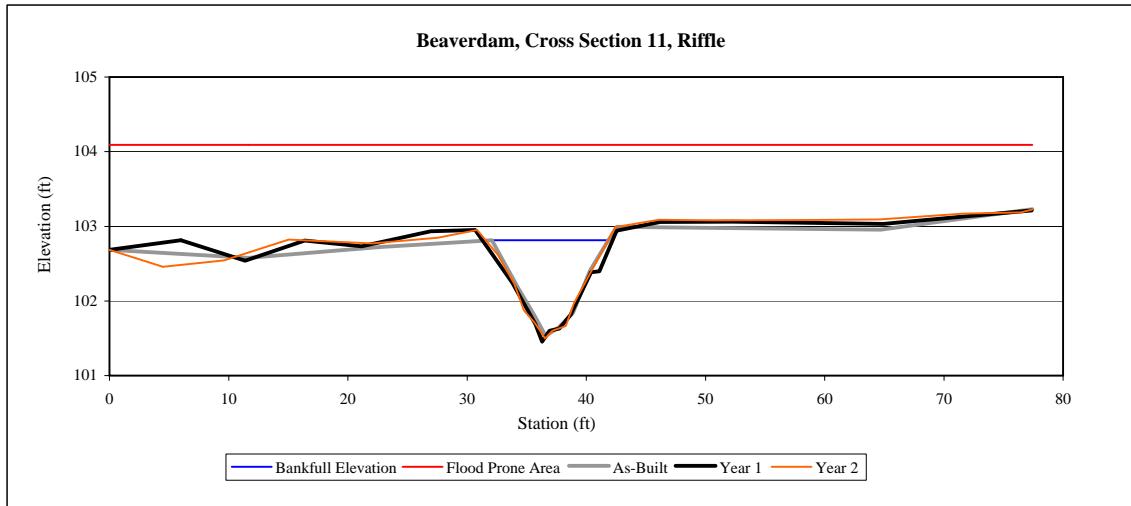
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



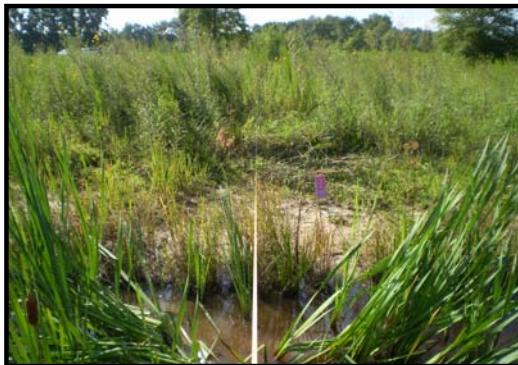
Left bank



Right bank



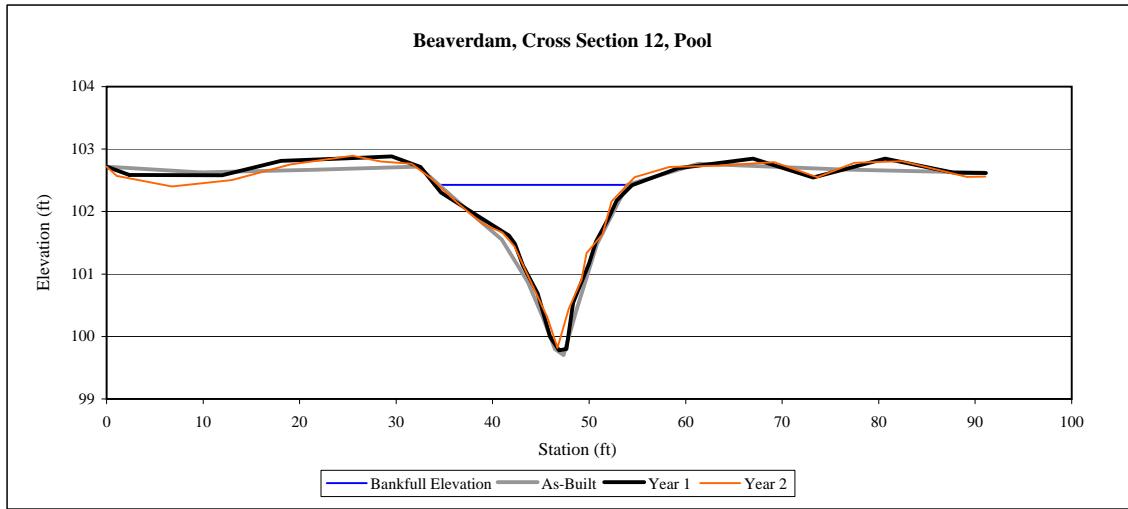
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



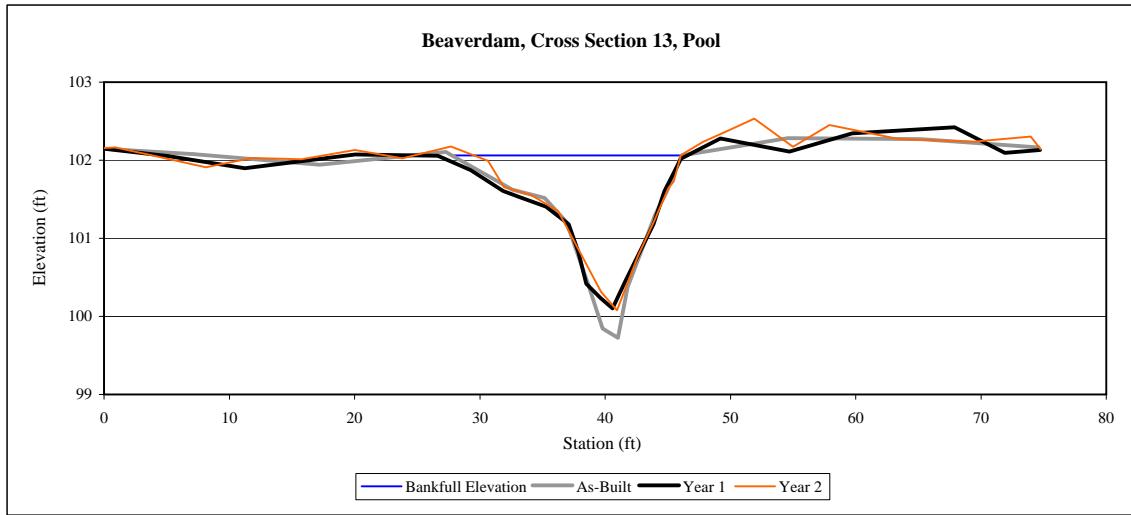
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



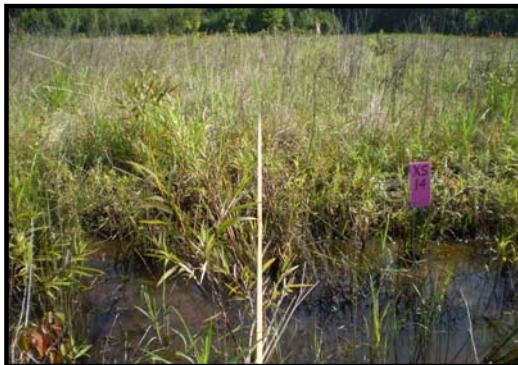
Left bank



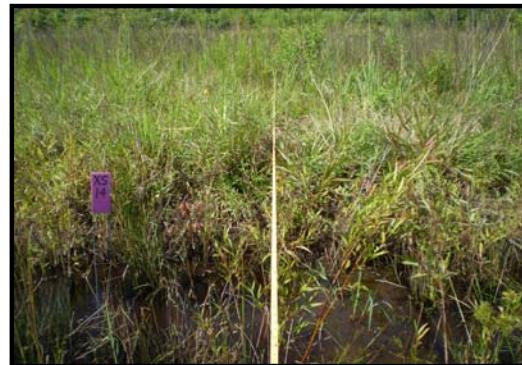
Right bank



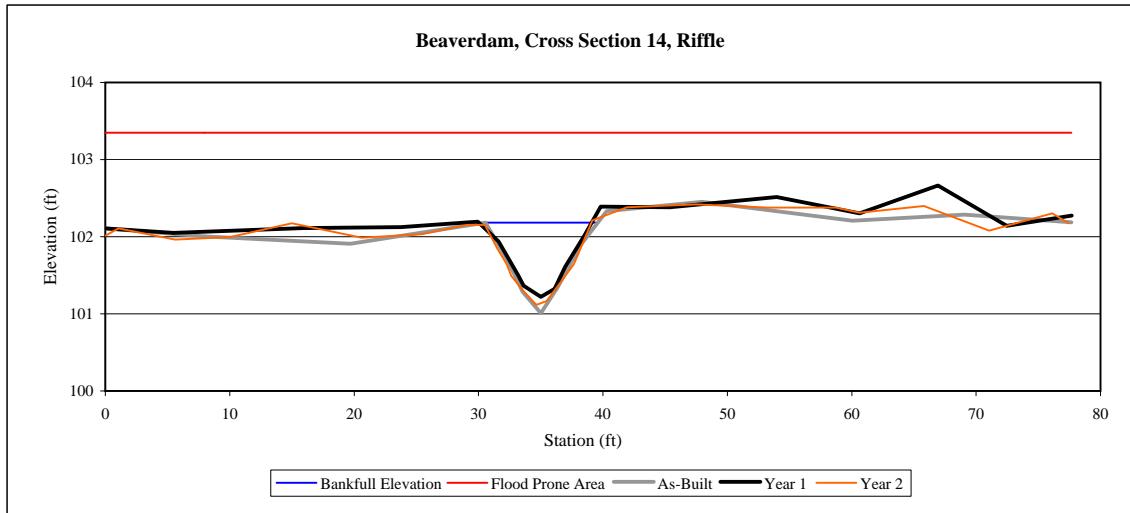
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



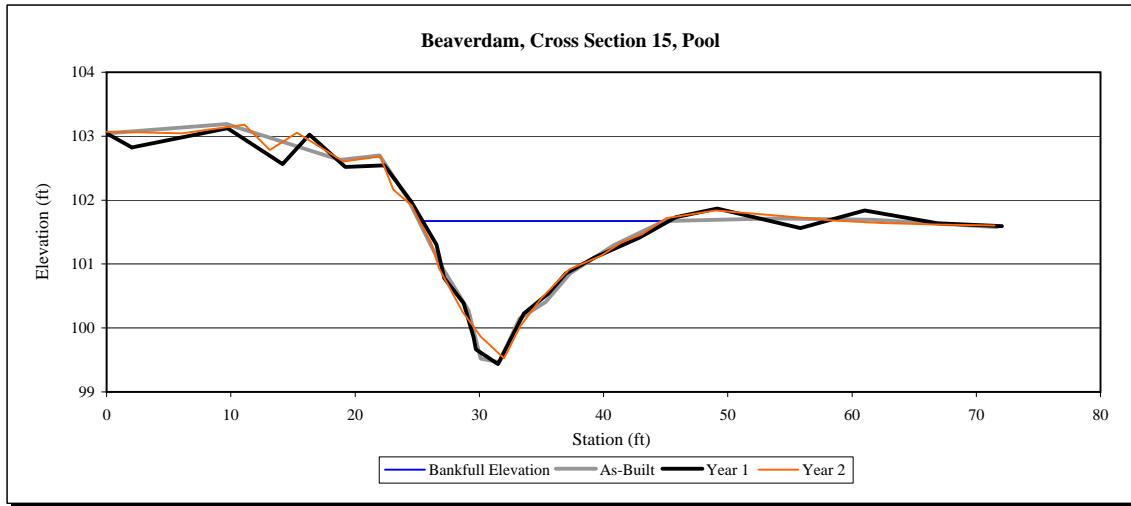
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



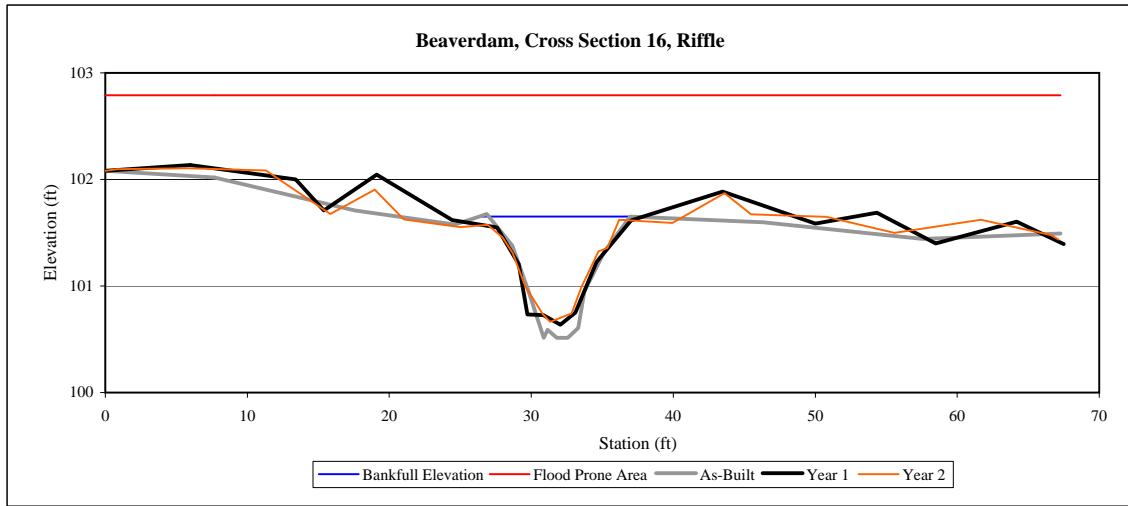
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



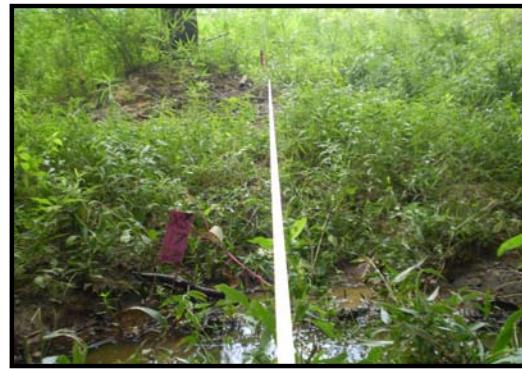
Right bank



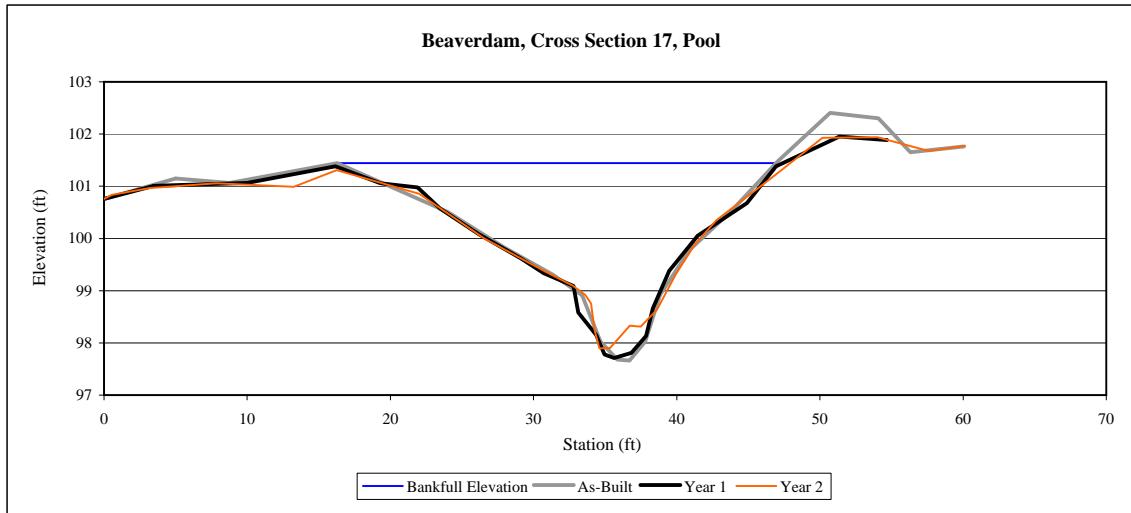
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



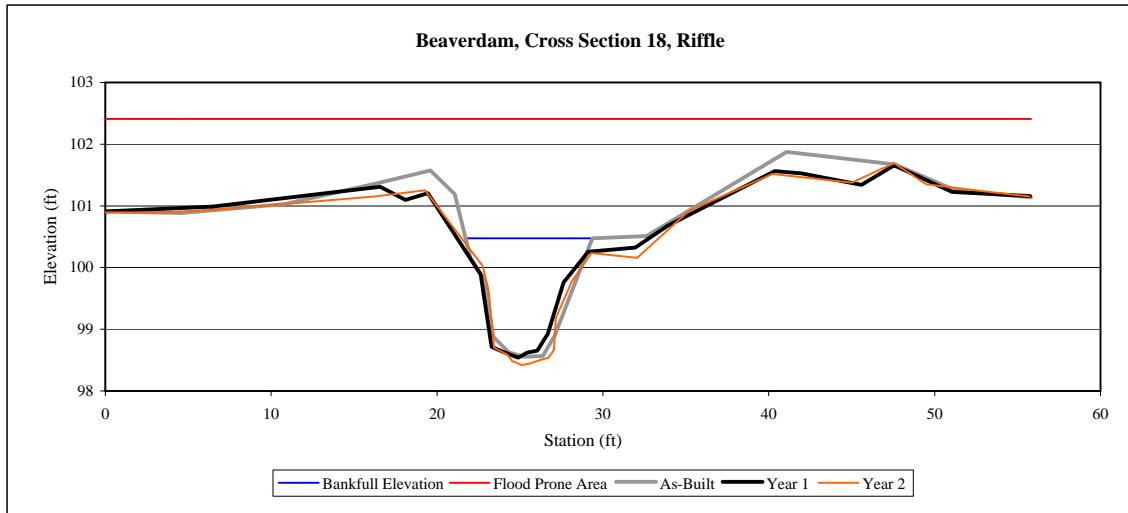
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



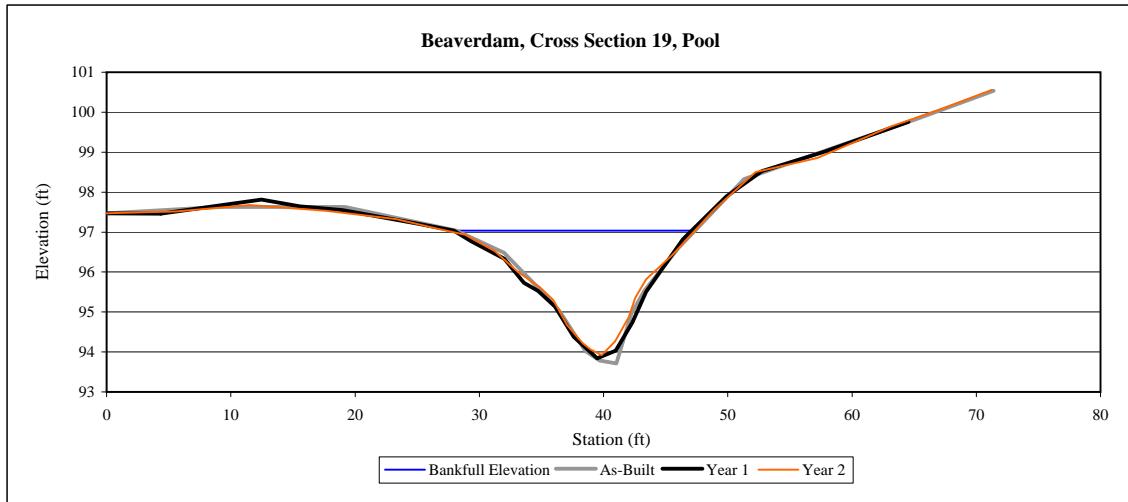
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



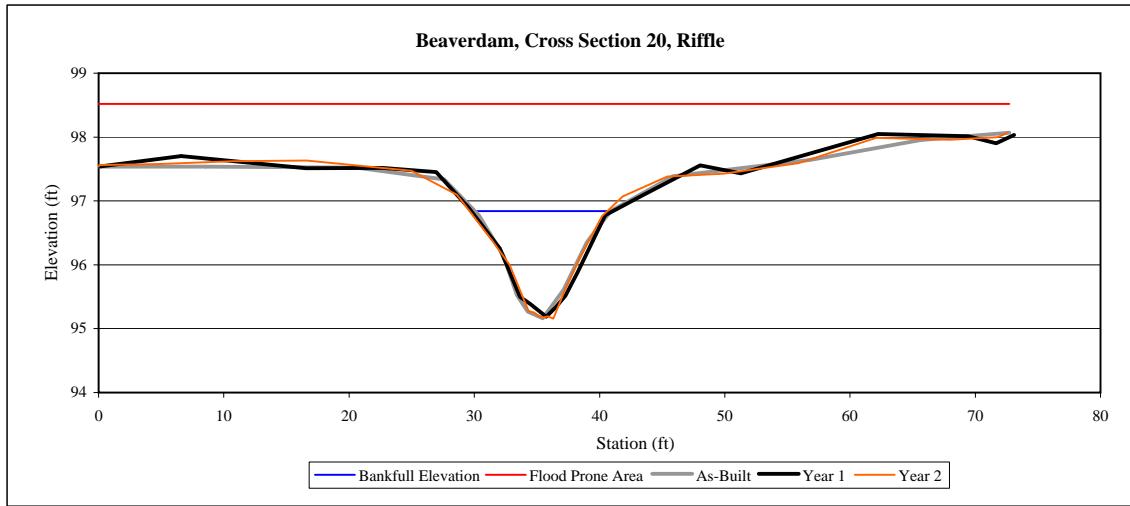
Beaverdam Mitigation Site  
Annual Monitoring Report for 2009 (Year 2)



Left bank



Right bank



## **APPENDIX C**

### **2009 Gauge Data**

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 1-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 1-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 1-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 1-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 5-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 5-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 5-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 5-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Jan-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Jan-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Jan-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Jan-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 18-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 29-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 29-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 29-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 29-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 30-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 30-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 30-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 30-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 31-Jan-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 31-Jan-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 31-Jan-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 31-Jan-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 1-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 1-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 1-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 1-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 2-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 3-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 4-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 5-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 5-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 5-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 5-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 6-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 7-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 8-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Feb-2009  | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Feb-2009  | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Feb-2009  | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 9-Feb-2009  | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 10-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 11-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 12-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 13-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 14-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 15-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 16-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 22-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Feb-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Feb-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Feb-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Feb-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Feb-2009 | 06:00:00 | -4.99                | -6.68  | -0.07  | -18.14 | -2.67  | -7.77  |        | -3.06  |         |
| 26-Feb-2009 | 12:00:00 | -5.02                | -6.97  | -0.14  | -18.04 | -2.85  | -7.84  |        | -3.09  |         |
| 26-Feb-2009 | 18:00:00 | -4.84                | -7.18  | -0.18  | -18.12 | -2.70  | -7.71  |        | -3.11  |         |
| 26-Feb-2009 | 24:00:00 | -4.63                | -7.22  | 2.50   | -17.57 | -2.58  | -7.44  |        | -2.74  |         |
| 27-Feb-2009 | 06:00:00 | -4.72                | -7.35  | 2.08   | -17.66 | -2.71  | -7.35  |        | -2.72  |         |
| 27-Feb-2009 | 12:00:00 | -4.84                | -7.59  | 1.78   | -17.52 | -2.66  | -7.40  |        | -2.74  |         |
| 27-Feb-2009 | 18:00:00 | -4.80                | -7.74  | 1.45   | -17.31 | -2.85  | -7.30  |        | -2.76  |         |
| 27-Feb-2009 | 24:00:00 | -4.59                | -7.60  | 1.45   | -17.03 | -2.56  | -7.35  |        | -2.24  |         |
| 28-Feb-2009 | 06:00:00 | -4.82                | -7.56  | 1.06   | -17.26 | -2.49  | -7.01  |        | -2.21  |         |
| 28-Feb-2009 | 12:00:00 | -4.33                | -7.66  | 0.66   | -17.40 | -1.40  | -6.72  |        | -1.56  |         |
| 28-Feb-2009 | 18:00:00 | 2.31                 | -2.10  | 1.04   | -14.12 | 0.77   | 0.16   |        | -0.57  |         |
| 28-Feb-2009 | 24:00:00 | 2.94                 | -0.78  | 4.78   | -2.12  | 6.46   | 0.60   |        | 1.40   |         |
| 1-Mar-2009  | 06:00:00 | 2.48                 | -0.67  | 5.10   | -9.15  | 6.39   | 0.27   |        | 1.75   |         |
| 1-Mar-2009  | 12:00:00 | 1.49                 | -0.76  | 4.87   | -12.32 | 5.64   | -0.26  |        | 1.36   |         |
| 1-Mar-2009  | 18:00:00 | 2.98                 | -0.76  | 6.06   | -4.54  | 6.36   | 0.50   |        | 2.06   |         |
| 1-Mar-2009  | 24:00:00 | 5.26                 | 0.64   | 8.16   | -0.71  | 10.94  | 5.05   |        | 9.84   |         |
| 2-Mar-2009  | 06:00:00 | 3.12                 | 0.54   | 8.14   | -4.08  | 10.59  | 4.85   |        | 8.80   |         |
| 2-Mar-2009  | 12:00:00 | 2.26                 | 0.33   | 8.14   | -7.55  | 9.10   | 3.36   |        | 6.85   |         |
| 2-Mar-2009  | 18:00:00 | 1.56                 | 0.09   | 8.08   | -10.72 | 7.78   | 1.87   |        | 4.92   |         |
| 2-Mar-2009  | 24:00:00 | 0.50                 | -0.10  | 8.09   | -12.44 | 6.78   | 0.66   |        | 3.58   |         |
| 3-Mar-2009  | 06:00:00 | -0.74                | -0.36  | 8.00   | -13.19 | 5.69   | -0.08  |        | 1.64   |         |
| 3-Mar-2009  | 12:00:00 | -1.66                | -0.55  | 7.45   | -13.66 | 4.72   | -0.98  |        | 1.41   |         |
| 3-Mar-2009  | 18:00:00 | -1.94                | -0.85  | 6.96   | -13.89 | 3.86   | -0.71  |        | 1.30   |         |
| 3-Mar-2009  | 24:00:00 | -2.32                | -0.96  | 6.83   | -13.85 | 3.60   | -1.55  |        | 1.62   |         |
| 4-Mar-2009  | 06:00:00 | -2.71                | -1.17  | 6.42   | -14.04 | 3.14   | -2.24  |        | 1.48   |         |
| 4-Mar-2009  | 12:00:00 | -3.21                | -1.50  | 6.01   | -14.20 | 2.15   | -3.80  |        | 1.24   |         |
| 4-Mar-2009  | 18:00:00 | -2.54                | -1.72  | 5.89   | -14.31 | 1.72   | -1.78  |        | 1.36   |         |
| 4-Mar-2009  | 24:00:00 | -2.92                | -1.92  | 6.01   | -14.07 | 1.52   | -2.20  |        | 1.69   |         |
| 5-Mar-2009  | 06:00:00 | -3.06                | -1.92  | 5.66   | -14.13 | 1.22   | -2.86  |        | 1.62   |         |
| 5-Mar-2009  | 12:00:00 | -3.28                | -1.98  | 5.59   | -14.28 | 0.63   | -3.36  |        | 1.38   |         |
| 5-Mar-2009  | 18:00:00 | -2.90                | -2.32  | 5.59   | -14.24 | 0.17   | -3.02  |        | 1.62   |         |
| 5-Mar-2009  | 24:00:00 | -3.12                | -2.61  | 5.63   | -14.21 | 0.03   | -3.69  |        | 1.74   |         |
| 6-Mar-2009  | 06:00:00 | -3.12                | -2.62  | 5.40   | -14.19 | 0.09   | -3.62  |        | 1.83   |         |
| 6-Mar-2009  | 12:00:00 | -3.42                | -2.85  | 5.18   | -14.24 | -0.08  | -3.84  |        | 1.74   |         |
| 6-Mar-2009  | 18:00:00 | -2.94                | -3.25  | 5.30   | -14.18 | -0.26  | -3.60  |        | 1.92   |         |
| 6-Mar-2009  | 24:00:00 | -3.27                | -3.49  | 5.15   | -14.04 | -0.46  | -4.30  |        | 2.08   |         |
| 7-Mar-2009  | 06:00:00 | -3.26                | -3.51  | 4.99   | -13.85 | -0.33  | -4.01  |        | 2.10   |         |
| 7-Mar-2009  | 12:00:00 | -3.48                | -3.70  | 4.70   | -14.06 | -0.48  | -4.31  |        | 1.87   |         |
| 7-Mar-2009  | 18:00:00 | -3.30                | -4.28  | 4.49   | -14.10 | -0.78  | -4.35  |        | 1.96   |         |
| 7-Mar-2009  | 24:00:00 | -3.43                | -4.50  | 4.69   | -13.88 | -0.72  | -4.78  |        | 2.16   |         |
| 8-Mar-2009  | 06:00:00 | -3.37                | -4.53  | 4.61   | -13.83 | -0.64  | -4.82  |        | 2.11   |         |
| 8-Mar-2009  | 12:00:00 | -3.49                | -4.53  | 4.57   | -13.91 | -0.64  | -4.84  |        | 2.18   |         |
| 8-Mar-2009  | 18:00:00 | -3.43                | -5.07  | 4.31   | -13.79 | -1.11  | -5.10  |        | 1.89   |         |
| 8-Mar-2009  | 24:00:00 | -3.58                | -5.24  | 4.48   | -13.67 | -1.24  | -5.73  |        | 2.04   |         |
| 9-Mar-2009  | 06:00:00 | -3.44                | -5.25  | 4.46   | -13.65 | -1.08  | -5.96  |        | 2.10   |         |
| 9-Mar-2009  | 12:00:00 | -3.76                | -5.47  | 4.10   | -13.79 | -1.12  | -6.00  |        | 1.81   |         |
| 9-Mar-2009  | 18:00:00 | -3.94                | -6.08  | 3.92   | -14.01 | -1.63  | -6.65  |        | 1.48   |         |
| 9-Mar-2009  | 24:00:00 | -4.17                | -6.20  | 3.89   | -13.91 | -1.81  | -8.00  |        | 1.36   |         |
| 10-Mar-2009 | 06:00:00 | -4.10                | -6.37  | 3.60   | -13.85 | -1.63  | -8.62  |        | 1.12   |         |
| 10-Mar-2009 | 12:00:00 | -4.40                | -6.82  | 3.19   | -14.12 | -1.83  | -9.22  |        | 0.70   |         |
| 10-Mar-2009 | 18:00:00 | -4.17                | -7.05  | 3.30   | -13.96 | -1.96  | -9.58  |        | 0.52   |         |
| 10-Mar-2009 | 24:00:00 | -4.15                | -7.39  | 3.48   | -13.83 | -2.12  | -10.42 |        | 0.76   |         |
| 11-Mar-2009 | 06:00:00 | -3.90                | -7.50  | 3.58   | -13.72 | -1.94  | -10.48 |        | 0.92   |         |
| 11-Mar-2009 | 12:00:00 | -3.97                | -7.69  | 3.35   | -13.88 | -1.93  | -10.44 |        | 1.08   |         |
| 11-Mar-2009 | 18:00:00 | -3.88                | -7.86  | 3.49   | -13.77 | -2.14  | -10.34 |        | 0.99   |         |
| 11-Mar-2009 | 24:00:00 | -4.39                | -8.18  | 3.37   | -13.90 | -2.70  | -11.52 |        | 0.92   |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 12-Mar-2009 | 06:00:00 | -4.08                | -8.16  | 3.05   | -13.82 | -2.14  | -10.86 |        | 0.98   |         |
| 12-Mar-2009 | 12:00:00 | -4.36                | -8.08  | 2.93   | -13.91 | -2.53  | -10.84 |        | 0.34   |         |
| 12-Mar-2009 | 18:00:00 | -4.51                | -8.46  | 2.68   | -14.00 | -3.24  | -12.23 |        | -0.08  |         |
| 12-Mar-2009 | 24:00:00 | -4.51                | -8.73  | 2.96   | -13.92 | -3.72  | -13.47 |        | 0.24   |         |
| 13-Mar-2009 | 06:00:00 | -4.63                | -9.14  | 2.76   | -14.12 | -4.09  | -14.30 |        | 0.21   |         |
| 13-Mar-2009 | 12:00:00 | -4.71                | -9.31  | 2.83   | -13.96 | -4.32  | -14.62 |        | 0.43   |         |
| 13-Mar-2009 | 18:00:00 | -3.98                | -9.66  | 2.64   | -14.14 | -3.00  | -14.50 |        | 1.26   |         |
| 13-Mar-2009 | 24:00:00 | -0.46                | -4.87  | 3.02   | -13.80 | -0.36  | -4.74  |        | 2.48   |         |
| 14-Mar-2009 | 06:00:00 | -1.16                | -2.96  | 3.32   | -13.43 | -0.42  | -0.56  |        | 2.61   |         |
| 14-Mar-2009 | 12:00:00 | -3.02                | -3.09  | 2.99   | -13.76 | -0.56  | -1.19  |        | 2.64   |         |
| 14-Mar-2009 | 18:00:00 | -3.30                | -3.14  | 2.98   | -13.72 | -0.58  | -1.50  |        | 2.61   |         |
| 14-Mar-2009 | 24:00:00 | -1.09                | -2.83  | 3.24   | -13.52 | -0.39  | -0.45  |        | 2.85   |         |
| 15-Mar-2009 | 06:00:00 | -1.69                | -2.53  | 3.18   | -13.28 | -0.24  | -0.50  |        | 2.89   |         |
| 15-Mar-2009 | 12:00:00 | -1.38                | -2.26  | 3.29   | -13.30 | -0.21  | -0.40  |        | 2.98   |         |
| 15-Mar-2009 | 18:00:00 | 1.08                 | -1.86  | 3.53   | -11.66 | 0.17   | -0.24  |        | 3.02   |         |
| 15-Mar-2009 | 24:00:00 | 1.19                 | -1.68  | 4.37   | -10.59 | 2.42   | -0.58  |        | 3.22   |         |
| 16-Mar-2009 | 06:00:00 | 1.85                 | -1.57  | 4.50   | -8.03  | 2.38   | -0.20  |        | 3.33   |         |
| 16-Mar-2009 | 12:00:00 | 0.65                 | -1.52  | 4.72   | -10.78 | 2.88   | -0.58  |        | 3.63   |         |
| 16-Mar-2009 | 18:00:00 | -0.30                | -1.47  | 4.37   | -11.73 | 2.18   | -0.38  |        | 3.55   |         |
| 16-Mar-2009 | 24:00:00 | 1.52                 | -1.72  | 5.38   | -9.23  | 3.46   | -0.54  |        | 4.29   |         |
| 17-Mar-2009 | 06:00:00 | 1.30                 | -1.51  | 5.64   | -10.24 | 3.69   | -0.46  |        | 4.48   |         |
| 17-Mar-2009 | 12:00:00 | 0.23                 | -1.45  | 5.32   | -11.08 | 3.33   | -0.53  |        | 4.58   |         |
| 17-Mar-2009 | 18:00:00 | -1.11                | -1.70  | 4.82   | -11.86 | 2.55   | -0.98  |        | 4.50   |         |
| 17-Mar-2009 | 24:00:00 | -1.60                | -1.63  | 4.62   | -12.10 | 1.97   | -1.30  |        | 4.51   |         |
| 18-Mar-2009 | 06:00:00 | -2.00                | -1.66  | 4.44   | -12.28 | 1.54   | -1.70  |        | 4.65   |         |
| 18-Mar-2009 | 12:00:00 | -2.11                | -1.59  | 4.39   | -12.41 | 0.99   | -2.01  |        | 4.77   |         |
| 18-Mar-2009 | 18:00:00 | -2.14                | -1.82  | 4.38   | -12.52 | 0.24   | -2.22  |        | 4.77   |         |
| 18-Mar-2009 | 24:00:00 | -2.41                | -2.07  | 4.44   | -12.56 | -0.07  | -3.23  |        | 4.99   |         |
| 19-Mar-2009 | 06:00:00 | -2.55                | -1.99  | 4.31   | -12.48 | -0.14  | -3.45  |        | 4.93   |         |
| 19-Mar-2009 | 12:00:00 | -2.71                | -2.19  | 4.16   | -12.54 | -0.40  | -3.71  |        | 5.04   |         |
| 19-Mar-2009 | 18:00:00 | -2.56                | -2.48  | 4.20   | -12.47 | -0.61  | -3.76  |        | 5.11   |         |
| 19-Mar-2009 | 24:00:00 | -2.90                | -2.71  | 4.22   | -12.38 | -0.79  | -4.68  |        | 4.98   |         |
| 20-Mar-2009 | 06:00:00 | 1.41                 | -2.58  | 3.90   | -12.51 | -0.12  | -0.36  |        | 4.52   |         |
| 20-Mar-2009 | 12:00:00 | 0.28                 | -1.87  | 4.20   | -11.13 | 1.30   | -0.65  |        | 4.83   |         |
| 20-Mar-2009 | 18:00:00 | -1.42                | -1.88  | 3.90   | -11.92 | 0.72   | -1.28  |        | 4.63   |         |
| 20-Mar-2009 | 24:00:00 | -2.13                | -1.94  | 3.89   | -12.15 | 0.21   | -2.69  |        | 4.63   |         |
| 21-Mar-2009 | 06:00:00 | -2.52                | -1.88  | 3.52   | -12.51 | -0.14  | -3.35  |        | 4.34   |         |
| 21-Mar-2009 | 12:00:00 | -2.88                | -2.14  | 3.19   | -12.82 | -0.50  | -3.93  |        | 4.35   |         |
| 21-Mar-2009 | 18:00:00 | -2.90                | -2.34  | 3.16   | -12.89 | -0.78  | -4.48  |        | 4.20   |         |
| 21-Mar-2009 | 24:00:00 | -2.79                | -2.41  | 3.49   | -12.65 | -0.80  | -5.12  |        | 4.50   |         |
| 22-Mar-2009 | 06:00:00 | -2.96                | -2.70  | 3.12   | -12.94 | -0.99  | -5.50  |        | 4.22   |         |
| 22-Mar-2009 | 12:00:00 | -3.12                | -2.80  | 3.07   | -12.90 | -1.00  | -5.63  |        | 4.28   |         |
| 22-Mar-2009 | 18:00:00 | -3.04                | -3.19  | 3.08   | -12.81 | -1.30  | -5.92  |        | 4.27   |         |
| 22-Mar-2009 | 24:00:00 | -3.08                | -3.50  | 3.47   | -12.60 | -1.36  | -6.69  |        | 4.51   |         |
| 23-Mar-2009 | 06:00:00 | -3.30                | -3.67  | 3.08   | -12.75 | -1.40  | -7.07  |        | 4.12   |         |
| 23-Mar-2009 | 12:00:00 | -3.36                | -3.86  | 3.04   | -12.80 | -1.52  | -7.20  |        | 4.09   |         |
| 23-Mar-2009 | 18:00:00 | -3.48                | -4.29  | 2.81   | -12.84 | -1.78  | -7.43  |        | 3.75   |         |
| 23-Mar-2009 | 24:00:00 | -3.54                | -4.56  | 3.05   | -12.87 | -1.89  | -8.48  |        | 3.76   |         |
| 24-Mar-2009 | 06:00:00 | -3.54                | -4.76  | 2.74   | -12.92 | -1.80  | -8.91  |        | 3.38   |         |
| 24-Mar-2009 | 12:00:00 | -3.68                | -5.00  | 2.62   | -13.04 | -1.82  | -9.28  |        | 3.24   |         |
| 24-Mar-2009 | 18:00:00 | -3.92                | -3.88  | 2.52   | -13.20 | -1.80  | -9.20  |        | 2.47   |         |
| 24-Mar-2009 | 24:00:00 | -4.00                | -4.38  | 2.70   | -13.12 | -2.00  | -10.35 |        | 2.60   |         |
| 25-Mar-2009 | 06:00:00 | -4.02                | -4.91  | 2.53   | -13.28 | -2.08  | -11.31 |        | 2.26   |         |
| 25-Mar-2009 | 12:00:00 | -4.02                | -5.37  | 2.62   | -13.32 | -2.25  | -11.78 |        | 2.30   |         |
| 25-Mar-2009 | 18:00:00 | -4.09                | -5.70  | 2.56   | -13.31 | -2.64  | -12.39 |        | 2.13   |         |
| 25-Mar-2009 | 24:00:00 | -3.91                | -5.87  | 2.77   | -13.11 | -2.56  | -12.60 |        | 2.41   |         |
| 26-Mar-2009 | 06:00:00 | -3.64                | -6.05  | 2.83   | -13.05 | -2.16  | -11.74 |        | 2.83   |         |
| 26-Mar-2009 | 12:00:00 | -2.84                | -5.51  | 2.98   | -13.05 | -1.26  | -9.65  |        | 3.50   |         |
| 26-Mar-2009 | 18:00:00 | -2.89                | -4.34  | 2.90   | -13.04 | -1.26  | -6.83  |        | 3.50   |         |
| 26-Mar-2009 | 24:00:00 | -3.13                | -4.00  | 3.10   | -12.82 | -1.26  | -5.50  |        | 3.79   |         |
| 27-Mar-2009 | 06:00:00 | -3.31                | -3.88  | 2.92   | -12.94 | -1.16  | -5.00  |        | 3.62   |         |
| 27-Mar-2009 | 12:00:00 | -3.52                | -3.99  | 2.77   | -13.06 | -1.26  | -5.06  |        | 3.39   |         |
| 27-Mar-2009 | 18:00:00 | -3.55                | -4.23  | 2.57   | -13.30 | -1.29  | -5.21  |        | 3.28   |         |
| 27-Mar-2009 | 24:00:00 | 2.13                 | -1.41  | 3.83   | -7.20  | 1.19   | 0.05   |        | 4.46   |         |
| 28-Mar-2009 | 06:00:00 | 1.91                 | 0.21   | 5.75   | -4.56  | 5.73   | 0.32   |        | 5.48   |         |
| 28-Mar-2009 | 12:00:00 | 1.11                 | -0.10  | 5.57   | -9.98  | 5.51   | -0.28  |        | 5.78   |         |
| 28-Mar-2009 | 18:00:00 | 0.23                 | -0.24  | 5.12   | -11.07 | 4.68   | -0.56  |        | 5.19   |         |
| 28-Mar-2009 | 24:00:00 | 1.83                 | 0.07   | 6.36   | -7.40  | 5.55   | -0.04  |        | 7.23   |         |
| 29-Mar-2009 | 06:00:00 | 2.14                 | 0.39   | 7.43   | -5.13  | 6.68   | 1.09   |        | 9.70   |         |
| 29-Mar-2009 | 12:00:00 | 1.43                 | -0.03  | 7.37   | -9.30  | 6.64   | 0.95   |        | 9.96   |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| dd-mmm-yyyy | hh:mm:ss | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 29-Mar-2009 | 18:00:00 | 0.87                 | -0.16  | 7.27   | -10.43 | 5.84   | 0.00   |        | 9.20   |         |
| 29-Mar-2009 | 24:00:00 | -0.07                | -0.38  | 7.09   | -11.03 | 4.95   | -1.19  |        | 8.10   |         |
| 30-Mar-2009 | 06:00:00 | -0.99                | -0.74  | 6.22   | -11.40 | 3.88   | -1.92  |        | 6.80   |         |
| 30-Mar-2009 | 12:00:00 | -1.29                | -0.90  | 6.05   | -11.56 | 2.87   | -2.43  |        | 6.74   |         |
| 30-Mar-2009 | 18:00:00 | -1.59                | -1.20  | 5.86   | -11.70 | 2.12   | -3.51  |        | 6.56   |         |
| 30-Mar-2009 | 24:00:00 | -1.87                | -1.60  | 5.81   | -11.66 | 1.50   | -4.86  |        | 6.42   |         |
| 31-Mar-2009 | 06:00:00 | -1.90                | -1.82  | 5.70   | -11.58 | 1.13   | -5.24  |        | 6.12   |         |
| 31-Mar-2009 | 12:00:00 | -2.23                | -2.14  | 5.40   | -11.70 | 0.64   | -5.69  |        | 6.09   |         |
| 31-Mar-2009 | 18:00:00 | -2.34                | -2.56  | 5.27   | -11.82 | 0.15   | -6.12  |        | 5.90   |         |
| 31-Mar-2009 | 24:00:00 | -2.25                | -2.93  | 5.50   | -11.44 | 0.00   | -6.80  |        | 6.40   |         |
| 1-Apr-2009  | 06:00:00 | -2.22                | -3.05  | 5.39   | -11.48 | -0.04  | -6.90  |        | 6.20   |         |
| 1-Apr-2009  | 12:00:00 | -2.05                | -3.22  | 5.54   | -11.40 | 0.03   | -6.58  |        | 6.61   |         |
| 1-Apr-2009  | 18:00:00 | -2.24                | -3.40  | 5.20   | -11.49 | -0.21  | -6.33  |        | 6.16   |         |
| 1-Apr-2009  | 24:00:00 | -2.34                | -3.45  | 5.21   | -11.44 | -0.25  | -6.45  |        | 6.16   |         |
| 2-Apr-2009  | 06:00:00 | -2.31                | -3.53  | 5.17   | -11.44 | -0.20  | -6.40  |        | 6.15   |         |
| 2-Apr-2009  | 12:00:00 | -2.50                | -3.69  | 4.88   | -11.68 | -0.32  | -6.52  |        | 6.03   |         |
| 2-Apr-2009  | 18:00:00 | -2.08                | -3.62  | 5.03   | -11.46 | -0.34  | -5.49  |        | 6.08   |         |
| 2-Apr-2009  | 24:00:00 | 0.39                 | -1.32  | 5.50   | -11.19 | 0.29   | -0.52  |        | 6.68   |         |
| 3-Apr-2009  | 06:00:00 | -0.92                | -1.20  | 5.83   | -10.90 | 0.69   | -0.47  |        | 7.09   |         |
| 3-Apr-2009  | 12:00:00 | -1.51                | -1.17  | 5.84   | -11.00 | 0.70   | -0.81  |        | 7.52   |         |
| 3-Apr-2009  | 18:00:00 | -2.35                | -1.68  | 5.16   | -11.38 | 0.23   | -1.70  |        | 7.02   |         |
| 3-Apr-2009  | 24:00:00 | -2.96                | -2.48  | 4.87   | -11.62 | -0.06  | -4.16  |        | 6.32   |         |
| 4-Apr-2009  | 06:00:00 | -3.32                | -2.92  | 4.21   | -12.06 | -0.13  | -4.96  |        | 5.38   |         |
| 4-Apr-2009  | 12:00:00 | -3.48                | -3.44  | 3.97   | -12.26 | -0.32  | -5.63  |        | 4.90   |         |
| 4-Apr-2009  | 18:00:00 | -3.46                | -3.98  | 4.14   | -12.30 | -0.56  | -6.60  |        | 4.63   |         |
| 4-Apr-2009  | 24:00:00 | -3.60                | -4.73  | 4.27   | -12.29 | -0.85  | -8.46  |        | 4.66   |         |
| 5-Apr-2009  | 06:00:00 | -3.43                | -5.40  | 4.07   | -12.28 | -0.76  | -9.34  |        | 4.57   |         |
| 5-Apr-2009  | 12:00:00 | -3.66                | -5.72  | 4.04   | -12.42 | -0.78  | -10.22 |        | 4.32   |         |
| 5-Apr-2009  | 18:00:00 | -3.68                | -6.32  | 4.15   | -12.36 | -1.22  | -11.33 |        | 4.36   |         |
| 5-Apr-2009  | 24:00:00 | -3.79                | -7.29  | 4.62   | -12.26 | -1.42  | -13.40 |        | 4.41   |         |
| 6-Apr-2009  | 06:00:00 | -3.33                | -7.58  | 4.84   | -12.12 | -1.18  | -14.07 |        | 5.02   |         |
| 6-Apr-2009  | 12:00:00 | -2.88                | -7.23  | 5.26   | -11.78 | -0.99  | -13.73 |        | 5.90   |         |
| 6-Apr-2009  | 18:00:00 | -0.43                | -3.77  | 5.57   | -11.56 | -0.26  | -4.19  |        | 6.33   |         |
| 6-Apr-2009  | 24:00:00 | -3.30                | -4.31  | 4.88   | -11.81 | -0.13  | -5.64  |        | 5.46   |         |
| 7-Apr-2009  | 06:00:00 | -3.91                | -5.24  | 4.34   | -12.29 | -0.40  | -7.32  |        | 4.28   |         |
| 7-Apr-2009  | 12:00:00 | -4.04                | -5.98  | 4.16   | -12.38 | -0.42  | -8.61  |        | 4.18   |         |
| 7-Apr-2009  | 18:00:00 | -4.38                | -6.90  | 3.95   | -12.50 | -0.73  | -10.43 |        | 3.67   |         |
| 7-Apr-2009  | 24:00:00 | -4.60                | -7.94  | 3.73   | -12.68 | -1.11  | -12.90 |        | 3.13   |         |
| 8-Apr-2009  | 06:00:00 | -4.69                | -8.88  | 3.48   | -12.94 | -1.10  | -14.21 |        | 2.55   |         |
| 8-Apr-2009  | 12:00:00 | -4.69                | -9.45  | 3.46   | -12.95 | -1.27  | -15.04 |        | 2.58   |         |
| 8-Apr-2009  | 18:00:00 | -4.50                | -10.01 | 3.60   | -12.90 | -1.69  | -15.72 |        | 2.47   |         |
| 8-Apr-2009  | 24:00:00 | -4.72                | -10.43 | 3.78   | -12.81 | -1.95  | -16.43 |        | 3.13   |         |
| 9-Apr-2009  | 06:00:00 | -4.65                | -10.92 | 3.46   | -12.88 | -1.83  | -17.26 |        | 3.27   |         |
| 9-Apr-2009  | 12:00:00 | -4.84                | -11.08 | 3.25   | -13.12 | -1.86  | -17.56 |        | 3.44   |         |
| 9-Apr-2009  | 18:00:00 | -5.19                | -11.64 | 3.10   | -13.28 | -2.44  | -18.28 |        | 2.07   |         |
| 9-Apr-2009  | 24:00:00 | -5.19                | -12.12 | 3.02   | -13.22 | -3.06  | -18.88 |        | 2.29   |         |
| 10-Apr-2009 | 06:00:00 | -5.05                | -12.53 | 2.95   | -13.32 | -3.19  | -19.40 |        | 2.34   |         |
| 10-Apr-2009 | 12:00:00 | -4.83                | -12.70 | 2.99   | -13.29 | -2.91  | -19.68 |        | 2.73   |         |
| 10-Apr-2009 | 18:00:00 | -5.35                | -13.10 | 2.76   | -13.73 | -3.87  | -20.34 |        | 1.74   |         |
| 10-Apr-2009 | 24:00:00 | -4.89                | -13.30 | 3.26   | -13.24 | -4.65  | -20.40 |        | 2.34   |         |
| 11-Apr-2009 | 06:00:00 | -1.16                | -13.20 | 3.34   | -13.22 | -1.08  | -19.82 |        | 3.48   |         |
| 11-Apr-2009 | 12:00:00 | -2.96                | -10.18 | 3.36   | -13.11 | -1.27  | -18.47 |        | 3.54   |         |
| 11-Apr-2009 | 18:00:00 | -4.23                | -9.89  | 3.04   | -13.43 | -1.95  | -17.78 |        | 2.80   |         |
| 11-Apr-2009 | 24:00:00 | -4.84                | -10.55 | 2.60   | -13.73 | -2.61  | -17.39 |        | 1.78   |         |
| 12-Apr-2009 | 06:00:00 | -5.17                | -11.44 | 2.40   | -13.91 | -2.77  | -17.84 |        | 0.94   |         |
| 12-Apr-2009 | 12:00:00 | -5.20                | -11.99 | 2.41   | -14.02 | -2.92  | -18.38 |        | 0.69   |         |
| 12-Apr-2009 | 18:00:00 | -5.52                | -12.89 | 2.20   | -13.92 | -4.16  | -19.13 |        | 0.08   |         |
| 12-Apr-2009 | 24:00:00 | -5.60                | -13.64 | 2.48   | -14.00 | -5.74  | -19.88 |        | 0.25   |         |
| 13-Apr-2009 | 06:00:00 | -5.49                | -14.18 | 2.28   | -13.94 | -5.91  | -20.30 |        | 0.54   |         |
| 13-Apr-2009 | 12:00:00 | -5.40                | -14.50 | 2.22   | -14.16 | -6.07  | -20.74 |        | 0.69   |         |
| 13-Apr-2009 | 18:00:00 | -4.96                | -14.58 | 2.46   | -13.94 | -5.01  | -21.09 |        | 1.32   |         |
| 13-Apr-2009 | 24:00:00 | -4.83                | -14.49 | 2.69   | -13.76 | -5.74  | -21.12 |        | 1.75   |         |
| 14-Apr-2009 | 06:00:00 | -4.80                | -14.33 | 2.78   | -13.71 | -5.44  | -21.24 |        | 2.41   |         |
| 14-Apr-2009 | 12:00:00 | -4.57                | -13.62 | 2.98   | -13.49 | -4.78  | -21.10 |        | 3.12   |         |
| 14-Apr-2009 | 18:00:00 | -4.64                | -13.46 | 2.75   | -13.72 | -4.74  | -21.36 |        | 2.74   |         |
| 14-Apr-2009 | 24:00:00 | -4.64                | -13.53 | 2.81   | -13.64 | -5.55  | -21.30 |        | 2.62   |         |
| 15-Apr-2009 | 06:00:00 | 1.78                 | -0.65  | 4.75   | -8.08  | 1.04   | -0.70  |        | 4.06   |         |
| 15-Apr-2009 | 12:00:00 | 0.59                 | -0.63  | 4.52   | -10.67 | 2.55   | -1.22  |        | 3.93   |         |
| 15-Apr-2009 | 18:00:00 | -1.54                | -0.82  | 4.06   | -12.17 | 1.18   | -2.62  |        | 3.67   |         |
| 15-Apr-2009 | 24:00:00 | -2.48                | -0.84  | 3.64   | -12.84 | 0.18   | -4.11  |        | 3.68   |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 16-Apr-2009 | 06:00:00 | -3.44                | -1.17  | 3.04   | -13.26 | -0.33  | -4.78  |        | 3.21   |         |
| 16-Apr-2009 | 12:00:00 | -3.73                | -1.49  | 2.77   | -13.50 | -0.43  | -5.20  |        | 3.02   |         |
| 16-Apr-2009 | 18:00:00 | -4.14                | -2.01  | 2.81   | -13.50 | -0.66  | -5.80  |        | 2.90   |         |
| 16-Apr-2009 | 24:00:00 | -4.62                | -3.03  | 2.58   | -13.83 | -1.23  | -7.18  |        | 2.56   |         |
| 17-Apr-2009 | 06:00:00 | -4.50                | -3.41  | 2.47   | -13.74 | -1.16  | -8.18  |        | 2.19   |         |
| 17-Apr-2009 | 12:00:00 | -4.74                | -3.95  | 2.22   | -14.13 | -1.44  | -8.94  |        | 1.87   |         |
| 17-Apr-2009 | 18:00:00 | -4.84                | -4.62  | 2.26   | -14.09 | -1.74  | -9.21  |        | 1.62   |         |
| 17-Apr-2009 | 24:00:00 | -4.77                | -5.79  | 2.47   | -13.97 | -2.25  | -10.18 |        | 1.95   |         |
| 18-Apr-2009 | 06:00:00 | -4.70                | -6.39  | 2.27   | -14.00 | -2.24  | -10.85 |        | 2.07   |         |
| 18-Apr-2009 | 12:00:00 | -4.76                | -6.75  | 2.36   | -13.96 | -2.28  | -11.78 |        | 2.17   |         |
| 18-Apr-2009 | 18:00:00 | -5.06                | -7.43  | 2.22   | -14.10 | -3.04  | -13.07 |        | 1.98   |         |
| 18-Apr-2009 | 24:00:00 | -5.16                | -8.60  | 2.41   | -14.07 | -4.12  | -13.96 |        | 1.86   |         |
| 19-Apr-2009 | 06:00:00 | -5.05                | -9.27  | 2.21   | -14.09 | -4.34  | -14.92 |        | 1.95   |         |
| 19-Apr-2009 | 12:00:00 | -5.01                | -9.38  | 2.16   | -14.02 | -4.47  | -15.56 |        | 2.17   |         |
| 19-Apr-2009 | 18:00:00 | -5.29                | -9.80  | 1.99   | -14.32 | -5.02  | -16.20 |        | 1.47   |         |
| 19-Apr-2009 | 24:00:00 | -5.01                | -10.58 | 2.14   | -14.14 | -6.00  | -16.43 |        | 1.30   |         |
| 20-Apr-2009 | 06:00:00 | -4.81                | -10.79 | 2.11   | -14.08 | -5.49  | -16.80 |        | 2.00   |         |
| 20-Apr-2009 | 12:00:00 | -4.64                | -10.43 | 2.28   | -13.96 | -5.12  | -16.94 |        | 2.74   |         |
| 20-Apr-2009 | 18:00:00 | -4.77                | -10.52 | 2.14   | -14.12 | -4.74  | -17.20 |        | 2.24   |         |
| 20-Apr-2009 | 24:00:00 | -2.36                | -9.33  | 2.17   | -14.18 | -0.87  | -14.10 |        | 2.83   |         |
| 21-Apr-2009 | 06:00:00 | -4.23                | -7.95  | 1.96   | -14.26 | -1.77  | -13.43 |        | 1.88   |         |
| 21-Apr-2009 | 12:00:00 | -4.86                | -8.19  | 1.88   | -14.42 | -2.20  | -13.50 |        | 1.69   |         |
| 21-Apr-2009 | 18:00:00 | -5.16                | -8.72  | 1.85   | -14.52 | -2.85  | -14.25 |        | 1.17   |         |
| 21-Apr-2009 | 24:00:00 | -5.91                | -10.17 | 1.57   | -14.69 | -5.14  | -15.46 |        | 0.28   |         |
| 22-Apr-2009 | 06:00:00 | -5.83                | -11.07 | 1.43   | -14.74 | -5.07  | -16.29 |        | 0.45   |         |
| 22-Apr-2009 | 12:00:00 | -6.08                | -11.48 | 1.30   | -14.91 | -5.52  | -17.01 |        | 0.12   |         |
| 22-Apr-2009 | 18:00:00 | -6.85                | -12.28 | 0.91   | -15.11 | -7.84  | -18.15 |        | -1.46  |         |
| 22-Apr-2009 | 24:00:00 | -7.14                | -13.46 | 0.78   | -15.38 | -10.64 | -18.96 |        | -2.32  |         |
| 23-Apr-2009 | 06:00:00 | -6.74                | -14.40 | 0.97   | -15.29 | -11.08 | -19.32 |        | -2.00  |         |
| 23-Apr-2009 | 12:00:00 | -6.86                | -15.09 | 0.96   | -15.29 | -11.37 | -19.92 |        | -1.73  |         |
| 23-Apr-2009 | 18:00:00 | -7.51                | -15.60 | 0.66   | -15.59 | -12.37 | -20.66 |        | -3.20  |         |
| 23-Apr-2009 | 24:00:00 | -7.68                | -16.17 | 0.62   | -15.80 | -14.23 | -21.29 |        | -3.56  |         |
| 24-Apr-2009 | 06:00:00 | -7.20                | -16.62 | 0.60   | -15.59 | -14.38 | -21.42 |        | -3.22  |         |
| 24-Apr-2009 | 12:00:00 | -7.30                | -16.85 | 0.66   | -15.62 | -14.61 | -21.58 |        | -2.91  |         |
| 24-Apr-2009 | 18:00:00 | -7.78                | -17.30 | 0.35   | -15.92 | -15.28 | -22.19 |        | -3.81  |         |
| 24-Apr-2009 | 24:00:00 | -7.92                | -17.55 | 0.42   | -16.00 | -16.16 | -22.42 |        | -4.12  |         |
| 25-Apr-2009 | 06:00:00 | -7.45                | -17.80 | 0.40   | -15.92 | -16.70 | -22.48 |        | -3.89  |         |
| 25-Apr-2009 | 12:00:00 | -7.28                | -17.82 | 0.41   | -15.82 | -16.89 | -22.50 |        | -3.27  |         |
| 25-Apr-2009 | 18:00:00 | -8.31                | -18.16 | 0.12   | -16.19 | -17.56 | -23.09 |        | -4.64  |         |
| 25-Apr-2009 | 24:00:00 | -8.59                | -18.48 | 0.04   | -16.44 | -18.42 | -23.33 |        | -5.15  |         |
| 26-Apr-2009 | 06:00:00 | -7.82                | -18.47 | 0.19   | -16.06 | -18.79 | -23.21 |        | -4.49  |         |
| 26-Apr-2009 | 12:00:00 | -7.89                | -18.60 | 0.23   | -16.07 | -19.26 | -23.34 |        | -3.99  |         |
| 26-Apr-2009 | 18:00:00 | -8.77                | -18.80 | -0.01  | -16.48 | -19.87 | -23.79 |        | -5.30  |         |
| 26-Apr-2009 | 24:00:00 | -9.03                | -19.08 | -0.10  | -16.66 | -20.31 | -24.14 |        | -5.85  |         |
| 27-Apr-2009 | 06:00:00 | -8.58                | -19.17 | 0.05   | -16.34 | -20.49 | -24.15 |        | -5.45  |         |
| 27-Apr-2009 | 12:00:00 | -8.44                | -19.16 | 0.05   | -16.16 | -20.76 | -24.18 |        | -4.90  |         |
| 27-Apr-2009 | 18:00:00 | -9.54                | -19.50 | -0.47  | -16.72 | -21.28 | -24.83 |        | -6.14  |         |
| 27-Apr-2009 | 24:00:00 | -9.88                | -19.67 | -0.31  | -17.03 | -21.58 | -24.88 |        | -6.69  |         |
| 28-Apr-2009 | 06:00:00 | -9.32                | -19.76 | -0.17  | -16.49 | -21.73 | -24.86 |        | -6.03  |         |
| 28-Apr-2009 | 12:00:00 | -9.10                | -19.71 | 0.06   | -16.35 | -21.86 | -24.76 |        | -5.22  |         |
| 28-Apr-2009 | 18:00:00 | -10.17               | -19.94 | -0.42  | -17.01 | -22.34 | -25.02 |        | -6.24  |         |
| 28-Apr-2009 | 24:00:00 | -10.32               | -20.01 | -0.32  | -17.13 | -22.46 | -24.84 |        | -6.69  |         |
| 29-Apr-2009 | 06:00:00 | -9.87                | -20.03 | -0.18  | -16.60 | -22.51 | -24.74 |        | -5.76  |         |
| 29-Apr-2009 | 12:00:00 | -9.92                | -19.97 | -0.26  | -16.67 | -22.70 | -24.81 |        | -5.34  |         |
| 29-Apr-2009 | 18:00:00 | -10.64               | -20.04 | -0.49  | -17.08 | -23.00 | -24.88 |        | -6.18  |         |
| 29-Apr-2009 | 24:00:00 | -10.83               | -20.15 | -0.53  | -17.33 | -23.02 | -24.70 |        | -6.96  |         |
| 30-Apr-2009 | 06:00:00 | -10.76               | -20.26 | -0.55  | -17.08 | -23.30 | -24.76 |        | -6.80  |         |
| 30-Apr-2009 | 12:00:00 | -10.48               | -20.19 | -0.31  | -16.84 | -23.44 | -24.74 |        | -6.21  |         |
| 30-Apr-2009 | 18:00:00 | -10.50               | -20.08 | -0.42  | -16.86 | -23.58 | -24.88 |        | -6.41  |         |
| 30-Apr-2009 | 24:00:00 | -11.00               | -20.19 | -0.40  | -17.15 | -23.78 | -24.74 |        | -6.56  |         |
| 1-May-2009  | 06:00:00 | -10.47               | -20.16 | -0.32  | -16.78 | -23.74 | -24.75 |        | -5.90  |         |
| 1-May-2009  | 12:00:00 | -10.11               | -19.84 | -0.17  | -16.72 | -23.82 | -24.69 |        | -5.26  |         |
| 1-May-2009  | 18:00:00 | -11.13               | -19.90 | -0.47  | -17.02 | -24.20 | -24.59 |        | -5.98  |         |
| 1-May-2009  | 24:00:00 | -10.77               | -20.13 | -0.42  | -17.38 | -24.24 | -24.60 |        | -6.39  |         |
| 2-May-2009  | 06:00:00 | -10.63               | -20.19 | -0.41  | -16.96 | -24.42 | -24.70 |        | -5.91  |         |
| 2-May-2009  | 12:00:00 | -10.41               | -19.95 | -0.32  | -16.68 | -24.42 | -24.62 |        | -5.08  |         |
| 2-May-2009  | 18:00:00 | -11.07               | -19.86 | -0.62  | -17.24 | -24.73 | -24.53 |        | -6.09  |         |
| 2-May-2009  | 24:00:00 | -11.50               | -20.28 | -0.80  | -17.63 | -24.79 | -24.59 |        | -7.19  |         |
| 3-May-2009  | 06:00:00 | -10.41               | -20.33 | -0.56  | -17.21 | -24.81 | -24.56 |        | -6.59  |         |
| 3-May-2009  | 12:00:00 | -9.90                | -20.08 | -0.50  | -17.07 | -24.88 | -24.50 |        | -6.32  |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 3-May-2009  | 18:00:00 | -10.71               | -20.10 | -0.94  | -17.63 | -25.23 | -24.59 |        | -7.24  |         |
| 3-May-2009  | 24:00:00 | -11.71               | -20.28 | -0.91  | -17.84 | -25.33 | -24.48 |        | -8.14  |         |
| 4-May-2009  | 06:00:00 | -11.54               | -20.31 | -0.79  | -17.52 | -25.34 | -24.47 |        | -7.66  |         |
| 4-May-2009  | 12:00:00 | -11.32               | -20.16 | -0.73  | -17.34 | -25.57 | -24.38 |        | -7.12  |         |
| 4-May-2009  | 18:00:00 | -12.37               | -20.39 | -1.44  | -18.30 | -25.93 | -24.62 |        | -8.92  |         |
| 4-May-2009  | 24:00:00 | -12.92               | -20.61 | -1.34  | -18.54 | -26.01 | -24.44 |        | -9.57  |         |
| 5-May-2009  | 06:00:00 | -9.40                | -20.72 | -1.01  | -17.81 | -25.94 | -24.44 |        | -8.58  |         |
| 5-May-2009  | 12:00:00 | -9.80                | -20.30 | -1.00  | -17.63 | -26.05 | -24.50 |        | -8.08  |         |
| 5-May-2009  | 18:00:00 | -4.36                | -19.30 | -0.74  | -17.45 | -22.47 | -24.68 |        | -6.80  |         |
| 5-May-2009  | 24:00:00 | -6.34                | -18.14 | -0.86  | -17.58 | -21.87 | -24.41 |        | -7.67  |         |
| 6-May-2009  | 06:00:00 | -7.65                | -17.88 | -1.08  | -17.49 | -22.00 | -24.50 |        | -8.08  |         |
| 6-May-2009  | 12:00:00 | -7.86                | -17.63 | -0.88  | -17.36 | -21.85 | -24.33 |        | -7.62  |         |
| 6-May-2009  | 18:00:00 | -8.77                | -17.92 | -1.15  | -17.98 | -22.26 | -24.52 |        | -8.61  |         |
| 6-May-2009  | 24:00:00 | -9.50                | -18.20 | -1.26  | -18.36 | -22.42 | -24.42 |        | -9.11  |         |
| 7-May-2009  | 06:00:00 | -9.49                | -18.42 | -1.12  | -17.96 | -22.64 | -24.48 |        | -8.66  |         |
| 7-May-2009  | 12:00:00 | -2.86                | -18.39 | -0.98  | -17.73 | -22.17 | -24.44 |        | -7.89  |         |
| 7-May-2009  | 18:00:00 | -0.91                | -6.32  | -0.35  | -16.80 | -2.02  | -8.14  |        | -6.88  |         |
| 7-May-2009  | 24:00:00 | -3.45                | -8.46  | -0.59  | -17.34 | -2.70  | -10.00 |        | -7.24  |         |
| 8-May-2009  | 06:00:00 | -3.99                | -9.21  | -0.48  | -17.18 | -2.52  | -11.85 |        | -7.16  |         |
| 8-May-2009  | 12:00:00 | -4.00                | -8.94  | -0.62  | -17.20 | -2.44  | -13.31 |        | -6.98  |         |
| 8-May-2009  | 18:00:00 | -5.13                | -10.68 | -1.00  | -17.66 | -2.97  | -14.74 |        | -7.66  |         |
| 8-May-2009  | 24:00:00 | -5.80                | -12.69 | -1.19  | -17.98 | -3.62  | -16.08 |        | -8.27  |         |
| 9-May-2009  | 06:00:00 | -5.65                | -13.61 | -0.98  | -17.61 | -3.68  | -16.60 |        | -7.61  |         |
| 9-May-2009  | 12:00:00 | -5.76                | -14.21 | -1.15  | -17.73 | -3.90  | -17.24 |        | -7.43  |         |
| 9-May-2009  | 18:00:00 | -7.15                | -15.56 | -1.66  | -18.45 | -5.37  | -18.46 |        | -8.88  |         |
| 9-May-2009  | 24:00:00 | -7.95                | -17.14 | -1.68  | -18.90 | -8.18  | -19.38 |        | -9.74  |         |
| 10-May-2009 | 06:00:00 | -6.93                | -17.67 | -1.60  | -18.42 | -9.40  | -20.14 |        | -9.57  |         |
| 10-May-2009 | 12:00:00 | -7.14                | -17.99 | -1.64  | -18.36 | -10.33 | -20.56 |        | -9.64  |         |
| 10-May-2009 | 18:00:00 | -7.70                | -18.54 | -2.04  | -18.98 | -11.40 | -21.30 |        | -10.91 |         |
| 10-May-2009 | 24:00:00 | -8.56                | -19.36 | -2.11  | -19.38 | -12.75 | -22.22 |        | -11.57 |         |
| 11-May-2009 | 06:00:00 | -7.50                | -19.40 | -1.60  | -18.47 | -13.50 | -22.55 |        | -10.55 |         |
| 11-May-2009 | 12:00:00 | -7.32                | -19.40 | -1.70  | -18.34 | -14.02 | -22.88 |        | -9.76  |         |
| 11-May-2009 | 18:00:00 | -4.95                | -19.25 | -1.72  | -18.38 | -13.32 | -23.19 |        | -9.74  |         |
| 11-May-2009 | 24:00:00 | -6.31                | -19.11 | -1.98  | -18.72 | -12.32 | -23.66 | -24.39 | -10.26 |         |
| 12-May-2009 | 06:00:00 | -6.80                | -19.11 | -1.79  | -18.47 | -12.75 | -24.11 | -24.47 | -10.19 |         |
| 12-May-2009 | 12:00:00 | -7.23                | -19.25 | -2.03  | -18.66 | -13.64 | -24.65 | -25.28 | -10.34 |         |
| 12-May-2009 | 18:00:00 | -7.96                | -19.55 | -2.29  | -19.05 | -14.52 | -24.95 | -24.96 | -11.36 |         |
| 12-May-2009 | 24:00:00 | -8.88                | -20.44 | -2.40  | -19.60 | -15.37 | -24.95 | -25.68 | -12.34 |         |
| 13-May-2009 | 06:00:00 | -8.46                | -20.50 | -2.16  | -19.08 | -15.40 | -24.66 | -25.79 | -12.34 |         |
| 13-May-2009 | 12:00:00 | -8.31                | -20.44 | -2.15  | -18.95 | -16.05 | -24.70 | -26.51 | -11.86 |         |
| 13-May-2009 | 18:00:00 | -9.44                | -20.74 | -2.71  | -19.77 | -16.84 | -24.75 | -26.51 | -13.32 |         |
| 13-May-2009 | 24:00:00 | -9.99                | -21.17 | -2.74  | -20.06 | -17.70 | -24.70 | -27.35 | -13.88 |         |
| 14-May-2009 | 06:00:00 | -9.01                | -21.05 | -2.32  | -19.20 | -18.03 | -24.53 | -27.33 | -12.92 |         |
| 14-May-2009 | 12:00:00 | -8.66                | -20.61 | -2.08  | -18.92 | -18.34 | -24.59 | -28.20 | -11.58 |         |
| 14-May-2009 | 18:00:00 | -9.22                | -20.55 | -2.48  | -19.16 | -18.85 | -24.48 | -28.01 | -12.36 |         |
| 14-May-2009 | 24:00:00 | -9.93                | -21.03 | -2.54  | -19.58 | -19.35 | -24.56 | -28.61 | -13.04 |         |
| 15-May-2009 | 06:00:00 | -9.31                | -20.91 | -2.36  | -19.25 | -19.65 | -24.53 | -28.91 | -12.45 |         |
| 15-May-2009 | 12:00:00 | -8.98                | -20.57 | -2.42  | -19.05 | -19.76 | -24.51 | -29.26 | -11.97 |         |
| 15-May-2009 | 18:00:00 | -10.34               | -20.73 | -2.82  | -19.71 | -20.18 | -24.57 | -29.37 | -12.81 |         |
| 15-May-2009 | 24:00:00 | -10.88               | -21.17 | -2.88  | -20.31 | -20.48 | -24.54 | -30.12 | -13.91 |         |
| 16-May-2009 | 06:00:00 | -9.98                | -20.87 | -2.47  | -19.41 | -20.47 | -24.46 | -29.87 | -13.16 |         |
| 16-May-2009 | 12:00:00 | -9.75                | -20.62 | -2.35  | -19.25 | -20.76 | -24.44 | -30.45 | -12.47 |         |
| 16-May-2009 | 18:00:00 | -11.36               | -20.90 | -3.08  | -20.16 | -21.28 | -24.57 | -30.69 | -13.77 |         |
| 16-May-2009 | 24:00:00 | -2.66                | -14.09 | -1.30  | -18.93 | -11.95 | -24.40 | -30.95 | -11.88 |         |
| 17-May-2009 | 06:00:00 | -4.68                | -14.72 | -1.67  | -18.87 | -13.60 | -24.42 | -31.07 | -11.70 |         |
| 17-May-2009 | 12:00:00 | -5.55                | -15.47 | -1.62  | -18.75 | -14.35 | -24.41 | -31.56 | -11.10 |         |
| 17-May-2009 | 18:00:00 | -0.22                | -13.56 | -1.63  | -18.54 | -5.82  | -24.51 | -31.40 | -10.71 |         |
| 17-May-2009 | 24:00:00 | -0.74                | -7.08  | -1.74  | -18.63 | -2.35  | -24.52 | -31.56 | -10.31 |         |
| 18-May-2009 | 06:00:00 | -2.67                | -8.90  | -1.96  | -18.71 | -2.23  | -24.53 | -30.22 | -11.28 |         |
| 18-May-2009 | 12:00:00 | -1.34                | -6.99  | -1.86  | -18.77 | -1.27  | -24.47 | -30.06 | -10.74 |         |
| 18-May-2009 | 18:00:00 | -4.34                | -8.09  | -2.24  | -19.19 | -2.66  | -24.57 | -28.43 | -11.93 |         |
| 18-May-2009 | 24:00:00 | -6.03                | -10.96 | -2.44  | -19.64 | -3.36  | -24.59 | -28.24 | -13.31 |         |
| 19-May-2009 | 06:00:00 | -6.10                | -12.20 | -2.39  | -19.34 | -3.69  | -24.59 | -28.05 | -13.38 |         |
| 19-May-2009 | 12:00:00 | -6.36                | -13.07 | -2.44  | -19.34 | -3.90  | -24.42 | -28.62 | -13.04 |         |
| 19-May-2009 | 18:00:00 | -7.32                | -14.93 | -2.82  | -19.80 | -5.36  | -24.56 | -28.72 | -14.25 |         |
| 19-May-2009 | 24:00:00 | -7.98                | -17.07 | -2.88  | -20.21 | -7.74  | -24.50 | -29.49 | -14.75 |         |
| 20-May-2009 | 06:00:00 | -7.32                | -17.55 | -2.60  | -19.54 | -9.40  | -24.26 | -29.51 | -14.19 |         |
| 20-May-2009 | 12:00:00 | -7.39                | -17.93 | -2.64  | -19.54 | -10.68 | -24.42 | -30.21 | -13.89 |         |
| 20-May-2009 | 18:00:00 | -8.44                | -18.83 | -2.99  | -20.07 | -11.97 | -24.65 | -30.47 | -14.69 |         |
| 20-May-2009 | 24:00:00 | -9.14                | -19.85 | -3.02  | -20.50 | -13.95 | -24.57 | -31.06 | -15.42 |         |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 21-May-2009 | 06:00:00 | -7.92                | -19.59 | -2.68  | -19.67 | -14.62 | -24.42 | -31.02 | -14.26 |         |  |
| 21-May-2009 | 12:00:00 | -7.72                | -19.44 | -2.76  | -19.67 | -15.18 | -24.42 | -31.62 | -13.72 |         |  |
| 21-May-2009 | 18:00:00 | -9.66                | -20.18 | -3.35  | -20.56 | -16.11 | -24.58 | -31.31 | -15.42 |         |  |
| 21-May-2009 | 24:00:00 | -10.29               | -21.05 | -3.35  | -20.87 | -16.78 | -24.46 | -31.78 | -15.95 |         |  |
| 22-May-2009 | 06:00:00 | -9.08                | -20.57 | -2.84  | -19.89 | -16.98 | -24.29 | -31.13 | -14.93 |         |  |
| 22-May-2009 | 12:00:00 | -8.98                | -20.44 | -2.93  | -19.98 | -17.71 | -24.51 | -31.67 | -14.45 |         |  |
| 22-May-2009 | 18:00:00 | -10.62               | -20.92 | -3.47  | -20.66 | -18.37 | -24.62 | -31.41 | -15.64 |         |  |
| 22-May-2009 | 24:00:00 | -11.08               | -21.30 | -3.43  | -20.88 | -18.75 | -24.46 | -31.60 | -16.43 |         |  |
| 23-May-2009 | 06:00:00 | -10.12               | -21.10 | -3.17  | -20.27 | -19.10 | -24.44 | -31.29 | -15.96 |         |  |
| 23-May-2009 | 12:00:00 | -9.87                | -20.80 | -3.05  | -20.07 | -19.29 | -24.40 | -31.59 | -15.11 |         |  |
| 23-May-2009 | 18:00:00 | -11.08               | -21.11 | -3.56  | -20.80 | -19.80 | -24.53 | -31.30 | -16.26 |         |  |
| 23-May-2009 | 24:00:00 | -11.84               | -21.34 | -3.49  | -21.08 | -20.05 | -24.38 | -31.61 | -17.08 |         |  |
| 24-May-2009 | 06:00:00 | -11.07               | -21.30 | -3.35  | -20.45 | -20.30 | -24.48 | -31.18 | -16.58 |         |  |
| 24-May-2009 | 12:00:00 | -10.69               | -21.12 | -3.30  | -20.28 | -20.60 | -24.52 | -31.59 | -15.74 |         |  |
| 24-May-2009 | 18:00:00 | -11.74               | -21.14 | -3.65  | -20.98 | -20.95 | -24.45 | -31.49 | -16.74 |         |  |
| 24-May-2009 | 24:00:00 | -8.42                | -21.12 | -3.13  | -20.31 | -13.95 | -24.40 | -31.60 | -15.62 |         |  |
| 25-May-2009 | 06:00:00 | -8.90                | -20.88 | -3.12  | -20.19 | -14.86 | -24.34 | -31.16 | -15.44 |         |  |
| 25-May-2009 | 12:00:00 | -9.13                | -20.51 | -3.06  | -20.01 | -15.49 | -24.41 | -31.62 | -14.68 |         |  |
| 25-May-2009 | 18:00:00 | -9.16                | -20.33 | -2.98  | -19.91 | -6.49  | -24.35 | -31.35 | -14.84 |         |  |
| 25-May-2009 | 24:00:00 | -9.64                | -20.37 | -3.10  | -20.06 | -8.80  | -24.32 | -31.64 | -14.58 |         |  |
| 26-May-2009 | 06:00:00 | -9.79                | -20.19 | -3.16  | -19.84 | -10.74 | -24.33 | -31.16 | -14.55 |         |  |
| 26-May-2009 | 12:00:00 | -9.63                | -20.01 | -3.11  | -19.79 | -11.62 | -24.36 | -31.59 | -14.22 |         |  |
| 26-May-2009 | 18:00:00 | -5.98                | -19.55 | -3.26  | -19.90 | -8.88  | -24.39 | -31.31 | -14.32 |         |  |
| 26-May-2009 | 24:00:00 | -5.61                | -18.93 | -3.19  | -19.76 | -2.67  | -24.50 | -31.55 | -13.79 |         |  |
| 27-May-2009 | 06:00:00 | -6.85                | -18.44 | -2.98  | -19.53 | -3.10  | -24.35 | -31.11 | -13.83 |         |  |
| 27-May-2009 | 12:00:00 | -7.52                | -18.27 | -3.06  | -19.61 | -3.56  | -24.35 | -31.54 | -13.42 |         |  |
| 27-May-2009 | 18:00:00 | -8.85                | -18.74 | -3.76  | -20.58 | -5.02  | -24.50 | -31.24 | -14.86 |         |  |
| 27-May-2009 | 24:00:00 | -10.74               | -19.52 | -4.06  | -21.41 | -6.93  | -24.54 | -31.36 | -15.99 |         |  |
| 28-May-2009 | 06:00:00 | -10.41               | -19.59 | -3.74  | -20.82 | -8.13  | -24.45 | -31.46 | -15.38 |         |  |
| 28-May-2009 | 12:00:00 | -10.40               | -19.68 | -3.73  | -20.85 | -9.08  | -24.47 | -31.65 | -15.08 |         |  |
| 28-May-2009 | 18:00:00 | -11.41               | -19.86 | -4.15  | -21.28 | -10.32 | -24.51 | -31.55 | -16.22 |         |  |
| 28-May-2009 | 24:00:00 | -12.15               | -20.39 | -4.16  | -21.77 | -11.95 | -24.35 | -31.89 | -16.84 |         |  |
| 29-May-2009 | 06:00:00 | -10.59               | -20.49 | -3.90  | -21.11 | -12.37 | -24.34 | -31.29 | -16.37 |         |  |
| 29-May-2009 | 12:00:00 | -10.63               | -20.49 | -3.95  | -21.06 | -12.46 | -24.51 | -31.58 | -15.80 |         |  |
| 29-May-2009 | 18:00:00 | -11.80               | -20.52 | -4.27  | -21.53 | -13.33 | -24.40 | -31.29 | -16.76 |         |  |
| 29-May-2009 | 24:00:00 | -13.24               | -20.86 | -4.36  | -22.22 | -14.46 | -24.36 | -31.83 | -18.02 |         |  |
| 30-May-2009 | 06:00:00 | -12.99               | -21.06 | -4.16  | -21.58 | -15.16 | -24.29 | -31.28 | -18.16 |         |  |
| 30-May-2009 | 12:00:00 | -12.92               | -21.16 | -4.10  | -21.47 | -15.81 | -24.39 | -31.61 | -17.63 |         |  |
| 30-May-2009 | 18:00:00 | -14.13               | -21.38 | -4.79  | -22.32 | -16.71 | -24.57 | -31.30 | -19.23 |         |  |
| 30-May-2009 | 24:00:00 | -15.20               | -21.69 | -4.84  | -22.85 | -17.50 | -24.45 | -31.55 | -20.43 |         |  |
| 31-May-2009 | 06:00:00 | -15.09               | -21.76 | -4.44  | -21.94 | -17.90 | -24.40 | -31.28 | -19.82 |         |  |
| 31-May-2009 | 12:00:00 | -14.95               | -21.59 | -4.37  | -21.72 | -18.42 | -24.45 | -31.76 | -18.82 |         |  |
| 31-May-2009 | 18:00:00 | -15.90               | -21.78 | -5.15  | -22.95 | -19.09 | -24.63 | -31.43 | -20.37 |         |  |
| 31-May-2009 | 24:00:00 | -16.81               | -22.06 | -5.15  | -23.46 | -19.50 | -24.42 | -31.64 | -21.86 |         |  |
| 1-Jun-2009  | 06:00:00 | -16.90               | -21.96 | -4.75  | -22.49 | -19.66 | -24.40 | -31.16 | -21.60 |         |  |
| 1-Jun-2009  | 12:00:00 | -17.04               | -21.80 | -4.72  | -22.31 | -20.07 | -24.36 | -31.44 | -21.29 |         |  |
| 1-Jun-2009  | 18:00:00 | -17.72               | -22.19 | -5.45  | -23.56 | -20.76 | -24.54 | -31.17 | -22.90 |         |  |
| 1-Jun-2009  | 24:00:00 | -18.51               | -22.47 | -5.54  | -24.04 | -21.28 | -24.51 | -31.78 | -24.20 |         |  |
| 2-Jun-2009  | 06:00:00 | -18.76               | -22.22 | -5.02  | -22.85 | -21.46 | -24.35 | -31.29 | -23.33 |         |  |
| 2-Jun-2009  | 12:00:00 | -18.79               | -22.08 | -4.81  | -22.47 | -21.67 | -24.35 | -31.59 | -22.10 |         |  |
| 2-Jun-2009  | 18:00:00 | -19.35               | -22.26 | -5.53  | -23.72 | -22.34 | -24.53 | -31.38 | -23.31 |         |  |
| 2-Jun-2009  | 24:00:00 | -20.04               | -22.35 | -5.50  | -23.86 | -22.54 | -24.41 | -31.53 | -24.70 |         |  |
| 3-Jun-2009  | 06:00:00 | -20.24               | -22.36 | -5.15  | -23.07 | -22.71 | -24.44 | -31.30 | -23.82 |         |  |
| 3-Jun-2009  | 12:00:00 | -20.49               | -22.30 | -5.09  | -22.84 | -23.05 | -24.46 | -31.59 | -22.68 |         |  |
| 3-Jun-2009  | 18:00:00 | -20.90               | -22.31 | -5.82  | -23.99 | -23.44 | -24.51 | -31.19 | -23.85 |         |  |
| 3-Jun-2009  | 24:00:00 | -21.67               | -22.59 | -5.80  | -24.59 | -23.71 | -24.45 | -31.72 | -25.25 |         |  |
| 4-Jun-2009  | 06:00:00 | -21.94               | -22.38 | -5.23  | -23.32 | -23.83 | -24.30 | -30.94 | -24.75 |         |  |
| 4-Jun-2009  | 12:00:00 | -22.34               | -22.48 | -5.23  | -23.07 | -24.18 | -24.44 | -31.50 | -23.58 |         |  |
| 4-Jun-2009  | 18:00:00 | -22.53               | -22.47 | -5.88  | -24.08 | -24.52 | -24.35 | -31.28 | -24.20 |         |  |
| 4-Jun-2009  | 24:00:00 | -22.87               | -22.29 | -5.51  | -23.67 | -24.39 | -24.16 | -31.65 | -24.78 |         |  |
| 5-Jun-2009  | 06:00:00 | -11.07               | -10.07 | -4.16  | -22.18 | -4.29  | -24.29 | -31.06 | -22.47 |         |  |
| 5-Jun-2009  | 12:00:00 | -9.61                | -11.56 | -4.27  | -21.87 | -4.58  | -24.28 | -31.53 | -20.84 |         |  |
| 5-Jun-2009  | 18:00:00 | -10.36               | -13.72 | -4.79  | -22.13 | -6.33  | -24.42 | -31.20 | -20.62 |         |  |
| 5-Jun-2009  | 24:00:00 | -11.66               | -15.46 | -5.14  | -22.77 | -9.14  | -24.34 | -31.67 | -21.52 |         |  |
| 6-Jun-2009  | 06:00:00 | -12.37               | -16.52 | -5.05  | -22.42 | -10.98 | -24.38 | -31.34 | -21.95 |         |  |
| 6-Jun-2009  | 12:00:00 | -12.33               | -17.26 | -4.94  | -22.20 | -12.01 | -24.30 | -31.55 | -21.54 |         |  |
| 6-Jun-2009  | 18:00:00 | -13.03               | -18.11 | -5.39  | -22.68 | -13.39 | -24.41 | -31.40 | -22.53 |         |  |
| 6-Jun-2009  | 24:00:00 | -13.60               | -18.83 | -5.48  | -22.91 | -14.26 | -24.42 | -31.65 | -22.96 |         |  |
| 7-Jun-2009  | 06:00:00 | -13.69               | -19.06 | -5.17  | -22.42 | -14.64 | -24.28 | -31.32 | -22.55 |         |  |
| 7-Jun-2009  | 12:00:00 | -13.78               | -19.30 | -5.11  | -22.40 | -15.07 | -24.35 | -31.50 | -21.99 |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
| dd-mmm-yyyy | hh:mm:ss | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 7-Jun-2009  | 18:00:00 | -14.26               | -19.79 | -5.51  | -22.88 | -15.63 | -24.45 | -31.25 | -22.61 |         |  |
| 7-Jun-2009  | 24:00:00 | -14.95               | -20.24 | -5.66  | -23.52 | -16.29 | -24.48 | -31.53 | -23.72 |         |  |
| 8-Jun-2009  | 06:00:00 | -15.18               | -20.36 | -5.28  | -22.78 | -16.64 | -24.44 | -31.17 | -23.13 |         |  |
| 8-Jun-2009  | 12:00:00 | -15.21               | -20.43 | -5.12  | -22.64 | -17.05 | -24.33 | -31.47 | -22.12 |         |  |
| 8-Jun-2009  | 18:00:00 | -15.74               | -20.73 | -5.88  | -23.48 | -17.72 | -24.48 | -31.23 | -23.21 |         |  |
| 8-Jun-2009  | 24:00:00 | -16.59               | -21.17 | -5.94  | -24.23 | -18.22 | -24.42 | -31.62 | -24.78 |         |  |
| 9-Jun-2009  | 06:00:00 | -16.92               | -21.21 | -5.48  | -23.30 | -18.52 | -24.29 | -31.12 | -24.22 |         |  |
| 9-Jun-2009  | 12:00:00 | -17.14               | -21.24 | -5.39  | -22.98 | -18.80 | -24.21 | -31.49 | -23.22 |         |  |
| 9-Jun-2009  | 18:00:00 | -17.84               | -21.68 | -6.12  | -24.15 | -19.47 | -24.41 | -31.42 | -24.63 |         |  |
| 9-Jun-2009  | 24:00:00 | -18.09               | -21.86 | -5.80  | -23.66 | -19.80 | -24.44 | -31.56 | -24.74 |         |  |
| 10-Jun-2009 | 06:00:00 | -17.86               | -21.95 | -5.64  | -23.44 | -15.20 | -24.45 | -31.79 | -24.56 |         |  |
| 10-Jun-2009 | 12:00:00 | -17.11               | -21.78 | -5.46  | -23.01 | -15.88 | -24.35 | -31.90 | -23.36 |         |  |
| 10-Jun-2009 | 18:00:00 | -17.37               | -21.87 | -5.75  | -23.38 | -16.56 | -24.39 | -31.19 | -23.55 |         |  |
| 10-Jun-2009 | 24:00:00 | -18.57               | -22.11 | -6.22  | -24.46 | -17.47 | -24.51 | -31.58 | -25.44 |         |  |
| 11-Jun-2009 | 06:00:00 | -18.67               | -22.10 | -5.65  | -23.33 | -17.92 | -24.46 | -31.19 | -24.68 |         |  |
| 11-Jun-2009 | 12:00:00 | -18.36               | -21.90 | -5.34  | -22.92 | -18.34 | -24.30 | -31.46 | -23.50 |         |  |
| 11-Jun-2009 | 18:00:00 | -19.00               | -22.12 | -5.89  | -23.69 | -18.97 | -24.35 | -31.23 | -24.47 |         |  |
| 11-Jun-2009 | 24:00:00 | -19.71               | -22.30 | -6.00  | -24.46 | -19.40 | -24.38 | -31.83 | -26.04 |         |  |
| 12-Jun-2009 | 06:00:00 | -20.23               | -22.31 | -5.80  | -23.66 | -19.86 | -24.39 | -31.34 | -25.58 |         |  |
| 12-Jun-2009 | 12:00:00 | -20.41               | -22.28 | -5.59  | -23.27 | -20.08 | -24.30 | -31.44 | -24.56 |         |  |
| 12-Jun-2009 | 18:00:00 | -21.13               | -22.61 | -6.38  | -24.68 | -20.68 | -24.42 | -31.34 | -25.91 |         |  |
| 12-Jun-2009 | 24:00:00 | -21.97               | -22.74 | -6.46  | -25.10 | -21.03 | -24.23 | -31.52 | -27.57 |         |  |
| 13-Jun-2009 | 06:00:00 | -22.63               | -22.67 | -5.95  | -24.11 | -21.19 | -24.23 | -31.02 | -27.50 |         |  |
| 13-Jun-2009 | 12:00:00 | -22.96               | -22.79 | -5.86  | -23.87 | -21.55 | -24.35 | -31.52 | -26.46 |         |  |
| 13-Jun-2009 | 18:00:00 | -23.55               | -22.94 | -6.72  | -25.17 | -22.16 | -24.28 | -31.40 | -27.46 |         |  |
| 13-Jun-2009 | 24:00:00 | -24.38               | -23.33 | -6.92  | -25.94 | -22.51 | -24.44 | -31.83 | -29.24 |         |  |
| 14-Jun-2009 | 06:00:00 | -24.73               | -23.33 | -6.35  | -24.63 | -22.68 | -24.36 | -31.02 | -29.01 |         |  |
| 14-Jun-2009 | 12:00:00 | -24.88               | -23.34 | -6.19  | -24.29 | -22.95 | -24.17 | -31.50 | -27.63 |         |  |
| 14-Jun-2009 | 18:00:00 | -25.45               | -23.64 | -7.09  | -25.74 | -23.41 | -24.35 | -31.13 | -29.01 |         |  |
| 14-Jun-2009 | 24:00:00 | -26.05               | -23.76 | -7.26  | -26.21 | -23.70 | -24.26 | -31.48 | -30.65 |         |  |
| 15-Jun-2009 | 06:00:00 | -26.42               | -23.80 | -6.67  | -24.96 | -23.96 | -24.22 | -31.10 | -30.35 |         |  |
| 15-Jun-2009 | 12:00:00 | -26.76               | -24.00 | -6.54  | -24.75 | -24.31 | -24.29 | -31.49 | -29.28 |         |  |
| 15-Jun-2009 | 18:00:00 | -27.10               | -24.12 | -7.21  | -25.98 | -24.61 | -24.33 | -31.41 | -29.84 |         |  |
| 15-Jun-2009 | 24:00:00 | -26.38               | -24.24 | -7.24  | -26.14 | -24.97 | -24.28 | -31.98 | -31.49 |         |  |
| 16-Jun-2009 | 06:00:00 | -22.71               | -23.50 | -6.31  | -24.89 | -18.74 | -24.28 | -31.16 | -30.26 |         |  |
| 16-Jun-2009 | 12:00:00 | -22.46               | -23.18 | -6.30  | -24.50 | -19.32 | -24.30 | -31.68 | -28.70 |         |  |
| 16-Jun-2009 | 18:00:00 | -21.97               | -22.92 | -6.16  | -24.34 | -19.71 | -24.29 | -31.38 | -28.00 |         |  |
| 16-Jun-2009 | 24:00:00 | -19.60               | -20.68 | -6.16  | -24.15 | -16.89 | -24.33 | -31.79 | -27.38 |         |  |
| 17-Jun-2009 | 06:00:00 | -19.11               | -20.61 | -6.04  | -23.96 | -17.49 | -24.27 | -31.37 | -26.96 |         |  |
| 17-Jun-2009 | 12:00:00 | -19.21               | -20.44 | -5.95  | -23.84 | -18.06 | -24.23 | -31.59 | -26.26 |         |  |
| 17-Jun-2009 | 18:00:00 | -19.46               | -20.63 | -6.53  | -24.32 | -18.87 | -24.42 | -31.14 | -26.57 |         |  |
| 17-Jun-2009 | 24:00:00 | -19.81               | -20.67 | -6.53  | -24.54 | -19.33 | -24.34 | -31.29 | -27.27 |         |  |
| 18-Jun-2009 | 06:00:00 | -19.90               | -20.51 | -6.07  | -23.80 | -15.74 | -24.27 | -31.04 | -26.56 |         |  |
| 18-Jun-2009 | 12:00:00 | -19.52               | -20.64 | -5.84  | -23.69 | -16.04 | -24.51 | -31.35 | -25.61 |         |  |
| 18-Jun-2009 | 18:00:00 | -18.97               | -20.60 | -6.19  | -23.94 | -14.73 | -24.47 | -31.26 | -25.41 |         |  |
| 18-Jun-2009 | 24:00:00 | -19.44               | -20.55 | -6.70  | -24.99 | -15.58 | -24.34 | -31.52 | -26.70 |         |  |
| 19-Jun-2009 | 06:00:00 | -19.83               | -20.50 | -6.23  | -24.00 | -16.16 | -24.34 | -31.11 | -26.28 |         |  |
| 19-Jun-2009 | 12:00:00 | -20.43               | -20.75 | -6.26  | -23.91 | -16.86 | -24.45 | -31.44 | -25.89 |         |  |
| 19-Jun-2009 | 18:00:00 | -21.27               | -20.97 | -7.09  | -25.29 | -17.58 | -24.39 | -31.35 | -27.20 |         |  |
| 19-Jun-2009 | 24:00:00 | -21.92               | -21.26 | -7.21  | -25.64 | -18.16 | -24.38 | -31.41 | -29.20 |         |  |
| 20-Jun-2009 | 06:00:00 | -22.45               | -21.46 | -6.73  | -24.77 | -18.67 | -24.38 | -31.08 | -29.10 |         |  |
| 20-Jun-2009 | 12:00:00 | -22.77               | -21.59 | -6.64  | -24.34 | -19.14 | -24.45 | -31.48 | -28.02 |         |  |
| 20-Jun-2009 | 18:00:00 | -23.28               | -21.86 | -7.39  | -25.70 | -19.68 | -24.56 | -31.40 | -28.73 |         |  |
| 20-Jun-2009 | 24:00:00 | -24.19               | -22.22 | -7.67  | -26.55 | -20.24 | -24.50 | -31.70 | -30.80 |         |  |
| 21-Jun-2009 | 06:00:00 | -24.63               | -22.26 | -7.13  | -25.44 | -20.35 | -24.29 | -31.31 | -30.94 |         |  |
| 21-Jun-2009 | 12:00:00 | -24.86               | -22.42 | -6.85  | -24.99 | -20.72 | -24.27 | -31.44 | -30.10 |         |  |
| 21-Jun-2009 | 18:00:00 | -25.54               | -22.83 | -7.94  | -26.68 | -21.38 | -24.41 | -31.35 | -31.14 |         |  |
| 21-Jun-2009 | 24:00:00 | -26.42               | -23.24 | -7.97  | -27.15 | -21.75 | -24.36 | -31.46 | -32.86 |         |  |
| 22-Jun-2009 | 06:00:00 | -27.09               | -23.56 | -7.55  | -25.98 | -22.14 | -24.41 | -31.16 | -33.09 |         |  |
| 22-Jun-2009 | 12:00:00 | -27.42               | -23.61 | -7.16  | -25.29 | -22.40 | -24.23 | -31.38 | -31.79 |         |  |
| 22-Jun-2009 | 18:00:00 | -27.84               | -23.96 | -8.06  | -26.75 | -22.83 | -24.45 | -31.34 | -32.31 |         |  |
| 22-Jun-2009 | 24:00:00 | -28.46               | -24.27 | -8.30  | -27.56 | -23.22 | -24.47 | -31.58 | -34.12 |         |  |
| 23-Jun-2009 | 06:00:00 | -28.83               | -24.46 | -7.69  | -26.18 | -23.55 | -24.30 | -31.22 | -34.01 |         |  |
| 23-Jun-2009 | 12:00:00 | -29.17               | -24.54 | -7.49  | -25.61 | -23.88 | -24.42 | -31.43 | -32.84 |         |  |
| 23-Jun-2009 | 18:00:00 | -29.42               | -24.81 | -8.48  | -27.12 | -24.38 | -24.57 | -31.34 | -33.69 |         |  |
| 23-Jun-2009 | 24:00:00 | -29.17               | -24.95 | -8.57  | -27.77 | -24.64 | -24.46 | -31.54 | -35.38 |         |  |
| 24-Jun-2009 | 06:00:00 | -29.12               | -25.13 | -8.00  | -26.64 | -24.79 | -24.35 | -31.18 | -35.56 |         |  |
| 24-Jun-2009 | 12:00:00 | -29.06               | -25.26 | -7.68  | -25.91 | -25.04 | -24.28 | -31.40 | -34.42 |         |  |
| 24-Jun-2009 | 18:00:00 | -29.00               | -25.72 | -8.48  | -27.17 | -25.59 | -24.53 | -31.44 | -34.08 |         |  |
| 24-Jun-2009 | 24:00:00 | -28.82               | -25.82 | -8.63  | -27.72 | -25.80 | -24.51 | -31.49 | -35.91 |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 25-Jun-2009 | 06:00:00 | -28.89               | -25.97 | -8.09  | -26.52 | -26.12 | -24.35 | -31.13 | -36.00 |         |  |
| 25-Jun-2009 | 12:00:00 | -28.88               | -26.04 | -7.75  | -25.95 | -26.41 | -24.34 | -31.43 | -34.83 |         |  |
| 25-Jun-2009 | 18:00:00 | -29.01               | -26.34 | -8.81  | -27.62 | -26.77 | -24.56 | -31.34 | -35.52 |         |  |
| 25-Jun-2009 | 24:00:00 | -28.77               | -26.52 | -8.92  | -28.04 | -26.86 | -24.41 | -31.50 | -37.11 |         |  |
| 26-Jun-2009 | 06:00:00 | -28.63               | -26.55 | -8.34  | -26.78 | -27.12 | -24.39 | -31.38 | -36.95 |         |  |
| 26-Jun-2009 | 12:00:00 | -28.70               | -26.64 | -8.02  | -26.32 | -27.31 | -24.45 | -31.50 | -35.69 |         |  |
| 26-Jun-2009 | 18:00:00 | -28.78               | -26.86 | -9.02  | -27.89 | -27.64 | -24.57 | -31.26 | -36.34 |         |  |
| 26-Jun-2009 | 24:00:00 | -28.64               | -26.94 | -9.25  | -28.34 | -27.92 | -24.45 | -31.71 | -38.03 |         |  |
| 27-Jun-2009 | 06:00:00 | -28.63               | -26.94 | -8.50  | -27.02 | -27.94 | -24.33 | -31.23 | -37.95 |         |  |
| 27-Jun-2009 | 12:00:00 | -28.68               | -27.09 | -8.22  | -26.52 | -28.17 | -24.34 | -31.44 | -36.89 |         |  |
| 27-Jun-2009 | 18:00:00 | -28.83               | -27.28 | -9.32  | -28.24 | -28.54 | -24.52 | -31.35 | -37.34 |         |  |
| 27-Jun-2009 | 24:00:00 | -28.66               | -27.30 | -9.42  | -28.68 | -28.42 | -24.45 | -31.52 | -38.99 |         |  |
| 28-Jun-2009 | 06:00:00 | -28.60               | -27.56 | -8.98  | -27.58 | -28.39 | -24.42 | -31.26 | -39.16 |         |  |
| 28-Jun-2009 | 12:00:00 | -28.65               | -27.64 | -8.54  | -26.98 | -28.51 | -24.41 | -31.41 | -38.15 |         |  |
| 28-Jun-2009 | 18:00:00 | -28.81               | -27.78 | -9.61  | -28.70 | -28.58 | -24.59 | -31.41 | -38.62 |         |  |
| 28-Jun-2009 | 24:00:00 | -28.74               | -27.90 | -9.77  | -29.13 | -28.53 | -24.46 | -31.67 | -40.07 |         |  |
| 29-Jun-2009 | 06:00:00 | -28.88               | -28.07 | -9.22  | -27.88 | -28.64 | -24.58 | -31.35 | -39.87 |         |  |
| 29-Jun-2009 | 12:00:00 | -28.70               | -27.86 | -8.80  | -27.27 | -28.52 | -24.45 | -31.53 | -38.62 |         |  |
| 29-Jun-2009 | 18:00:00 | -28.70               | -28.07 | -9.85  | -28.90 | -28.47 | -24.45 | -31.19 | -39.50 |         |  |
| 29-Jun-2009 | 24:00:00 | -28.80               | -28.30 | -10.18 | -29.54 | -28.52 | -24.52 | -31.73 | -41.12 |         |  |
| 30-Jun-2009 | 06:00:00 | -28.63               | -28.29 | -9.37  | -28.12 | -28.36 | -24.35 | -31.17 | -41.16 |         |  |
| 30-Jun-2009 | 12:00:00 | -28.63               | -28.38 | -9.17  | -27.58 | -28.42 | -24.36 | -31.41 | -39.83 |         |  |
| 30-Jun-2009 | 18:00:00 | -28.75               | -28.62 | -10.08 | -29.09 | -28.44 | -24.42 | -31.32 | -40.47 |         |  |
| 30-Jun-2009 | 24:00:00 | -28.72               | -28.78 | -10.26 | -29.72 | -28.42 | -24.44 | -31.52 | -42.00 |         |  |
| 1-Jul-2009  | 06:00:00 | -28.63               | -28.71 | -9.61  | -28.54 | -28.34 | -24.34 | -31.11 | -41.97 |         |  |
| 1-Jul-2009  | 12:00:00 | -28.71               | -28.84 | -9.40  | -28.12 | -28.36 | -24.33 | -31.43 | -41.30 |         |  |
| 1-Jul-2009  | 18:00:00 | -28.80               | -29.13 | -10.44 | -29.52 | -28.54 | -24.48 | -31.19 | -41.91 |         |  |
| 1-Jul-2009  | 24:00:00 | -28.72               | -29.20 | -10.45 | -30.05 | -28.42 | -24.41 | -31.74 | -43.06 |         |  |
| 2-Jul-2009  | 06:00:00 | -28.66               | -29.26 | -9.82  | -28.90 | -28.33 | -24.29 | -31.42 | -43.02 |         |  |
| 2-Jul-2009  | 12:00:00 | -28.63               | -29.37 | -9.43  | -28.37 | -28.35 | -24.33 | -31.38 | -42.20 |         |  |
| 2-Jul-2009  | 18:00:00 | -28.75               | -29.62 | -10.46 | -29.75 | -28.46 | -24.51 | -31.22 | -43.01 |         |  |
| 2-Jul-2009  | 24:00:00 | -28.72               | -29.70 | -10.45 | -30.24 | -28.35 | -24.32 | -31.28 | -43.97 |         |  |
| 3-Jul-2009  | 06:00:00 | -28.64               | -29.87 | -10.18 | -29.22 | -28.33 | -24.29 | -31.20 | -44.10 |         |  |
| 3-Jul-2009  | 12:00:00 | -28.66               | -29.90 | -9.89  | -28.71 | -28.34 | -24.38 | -31.48 | -43.35 |         |  |
| 3-Jul-2009  | 18:00:00 | -28.69               | -30.10 | -10.73 | -30.16 | -28.41 | -24.39 | -30.96 | -44.20 |         |  |
| 3-Jul-2009  | 24:00:00 | -28.59               | -30.30 | -10.87 | -30.65 | -28.36 | -24.35 | -31.59 | -44.30 |         |  |
| 4-Jul-2009  | 06:00:00 | -28.63               | -30.45 | -10.36 | -29.51 | -28.23 | -24.35 | -31.16 | -44.30 |         |  |
| 4-Jul-2009  | 12:00:00 | -28.63               | -30.46 | -10.00 | -29.10 | -28.35 | -24.50 | -31.35 | -43.79 |         |  |
| 4-Jul-2009  | 18:00:00 | -28.68               | -30.60 | -10.81 | -30.15 | -28.39 | -24.44 | -31.23 | -43.98 |         |  |
| 4-Jul-2009  | 24:00:00 | -28.77               | -30.72 | -11.11 | -30.84 | -28.38 | -24.39 | -31.70 | -44.31 |         |  |
| 5-Jul-2009  | 06:00:00 | -28.54               | -30.66 | -10.25 | -29.58 | -28.32 | -24.36 | -31.13 | -44.27 |         |  |
| 5-Jul-2009  | 12:00:00 | -28.66               | -30.60 | -9.96  | -29.04 | -28.28 | -24.38 | -31.49 | -43.85 |         |  |
| 5-Jul-2009  | 18:00:00 | -28.65               | -30.59 | -10.45 | -29.54 | -28.30 | -24.45 | -31.19 | -43.74 |         |  |
| 5-Jul-2009  | 24:00:00 | -28.75               | -30.60 | -10.50 | -29.64 | -28.32 | -24.46 | -31.66 | -44.25 |         |  |
| 6-Jul-2009  | 06:00:00 | -28.66               | -30.44 | -10.18 | -29.02 | -28.33 | -24.47 | -31.29 | -43.91 |         |  |
| 6-Jul-2009  | 12:00:00 | -28.63               | -30.22 | -9.91  | -28.67 | -28.23 | -24.38 | -31.54 | -43.07 |         |  |
| 6-Jul-2009  | 18:00:00 | -28.90               | -30.38 | -10.00 | -28.66 | -28.41 | -24.54 | -31.28 | -42.92 |         |  |
| 6-Jul-2009  | 24:00:00 | -28.60               | -30.23 | -10.21 | -29.32 | -28.35 | -24.57 | -31.78 | -42.96 |         |  |
| 7-Jul-2009  | 06:00:00 | -28.70               | -30.35 | -9.91  | -28.50 | -28.41 | -24.47 | -31.05 | -43.34 |         |  |
| 7-Jul-2009  | 12:00:00 | -28.66               | -30.21 | -9.70  | -28.24 | -28.35 | -24.42 | -31.52 | -42.69 |         |  |
| 7-Jul-2009  | 18:00:00 | -28.84               | -30.59 | -10.80 | -29.94 | -28.42 | -24.59 | -31.23 | -43.67 |         |  |
| 7-Jul-2009  | 24:00:00 | -28.76               | -30.99 | -11.21 | -30.71 | -28.40 | -24.50 | -31.56 | -44.55 |         |  |
| 8-Jul-2009  | 06:00:00 | -28.68               | -31.05 | -10.61 | -29.62 | -28.20 | -24.45 | -31.17 | -44.33 |         |  |
| 8-Jul-2009  | 12:00:00 | -28.64               | -31.12 | -10.34 | -29.44 | -28.38 | -24.47 | -31.41 | -44.40 |         |  |
| 8-Jul-2009  | 18:00:00 | -28.78               | -31.38 | -11.29 | -30.78 | -28.46 | -24.48 | -31.28 | -44.45 |         |  |
| 8-Jul-2009  | 24:00:00 | -28.69               | -31.66 | -11.51 | -31.30 | -28.41 | -24.50 | -31.70 | -44.48 |         |  |
| 9-Jul-2009  | 06:00:00 | -28.76               | -31.79 | -10.79 | -30.09 | -28.32 | -24.45 | -31.28 | -44.44 |         |  |
| 9-Jul-2009  | 12:00:00 | -28.70               | -31.86 | -10.54 | -29.66 | -28.24 | -24.32 | -31.47 | -44.33 |         |  |
| 9-Jul-2009  | 18:00:00 | -28.70               | -32.00 | -10.96 | -30.32 | -28.38 | -24.48 | -31.25 | -44.33 |         |  |
| 9-Jul-2009  | 24:00:00 | -28.72               | -32.14 | -11.30 | -30.81 | -28.30 | -24.45 | -31.48 | -44.33 |         |  |
| 10-Jul-2009 | 06:00:00 | -28.60               | -32.39 | -10.94 | -29.79 | -28.26 | -24.39 | -31.23 | -44.22 |         |  |
| 10-Jul-2009 | 12:00:00 | -28.56               | -32.52 | -10.72 | -29.46 | -28.26 | -24.46 | -31.40 | -44.28 |         |  |
| 10-Jul-2009 | 18:00:00 | -28.82               | -32.88 | -11.71 | -30.76 | -28.41 | -24.60 | -31.35 | -44.51 |         |  |
| 10-Jul-2009 | 24:00:00 | -28.63               | -32.91 | -11.71 | -30.99 | -28.24 | -24.40 | -31.38 | -44.37 |         |  |
| 11-Jul-2009 | 06:00:00 | -28.70               | -33.05 | -11.41 | -30.33 | -28.40 | -24.42 | -31.28 | -44.34 |         |  |
| 11-Jul-2009 | 12:00:00 | -28.64               | -33.05 | -11.04 | -29.86 | -28.29 | -24.44 | -31.52 | -44.32 |         |  |
| 11-Jul-2009 | 18:00:00 | -28.66               | -33.22 | -11.64 | -30.70 | -28.30 | -24.50 | -31.41 | -44.36 |         |  |
| 11-Jul-2009 | 24:00:00 | -28.74               | -33.33 | -11.96 | -31.29 | -28.32 | -24.48 | -31.70 | -44.38 |         |  |
| 12-Jul-2009 | 06:00:00 | -28.64               | -33.30 | -11.33 | -30.32 | -28.24 | -24.36 | -31.36 | -44.34 |         |  |
| 12-Jul-2009 | 12:00:00 | -28.69               | -33.27 | -11.18 | -29.94 | -28.34 | -24.41 | -31.56 | -44.37 |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
| dd-mmm-yyyy | hh:mm:ss | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 12-Jul-2009 | 18:00:00 | -28.78               | -33.48 | -12.13 | -31.34 | -28.38 | -24.52 | -31.36 | -44.36 |         |  |
| 12-Jul-2009 | 24:00:00 | -28.77               | -33.66 | -12.26 | -31.70 | -28.38 | -24.48 | -31.66 | -44.37 |         |  |
| 13-Jul-2009 | 06:00:00 | -28.69               | -33.78 | -11.75 | -30.88 | -28.32 | -24.39 | -31.36 | -44.36 |         |  |
| 13-Jul-2009 | 12:00:00 | -28.65               | -33.77 | -11.51 | -30.34 | -28.27 | -24.40 | -31.22 | -44.38 |         |  |
| 13-Jul-2009 | 18:00:00 | -28.66               | -33.62 | -10.61 | -29.90 | -28.21 | -24.39 | -31.12 | -44.28 |         |  |
| 13-Jul-2009 | 24:00:00 | -28.69               | -33.64 | -10.75 | -29.62 | -28.33 | -24.58 | -31.56 | -44.36 |         |  |
| 14-Jul-2009 | 06:00:00 | -28.69               | -33.56 | -10.61 | -29.38 | -28.33 | -24.47 | -31.20 | -44.34 |         |  |
| 14-Jul-2009 | 12:00:00 | -28.71               | -33.42 | -10.49 | -29.16 | -28.22 | -24.45 | -31.44 | -44.31 |         |  |
| 14-Jul-2009 | 18:00:00 | -28.86               | -33.66 | -11.47 | -30.36 | -28.41 | -24.58 | -31.29 | -44.44 |         |  |
| 14-Jul-2009 | 24:00:00 | -28.76               | -33.81 | -11.77 | -31.01 | -28.32 | -24.54 | -31.61 | -44.38 |         |  |
| 15-Jul-2009 | 06:00:00 | -28.69               | -33.92 | -11.18 | -30.06 | -28.15 | -24.46 | -31.22 | -44.30 |         |  |
| 15-Jul-2009 | 12:00:00 | -28.75               | -34.11 | -11.14 | -29.75 | -28.21 | -24.45 | -31.43 | -44.30 |         |  |
| 15-Jul-2009 | 18:00:00 | -28.81               | -34.26 | -11.88 | -30.71 | -28.29 | -24.60 | -31.25 | -44.42 |         |  |
| 15-Jul-2009 | 24:00:00 | -28.81               | -34.34 | -12.04 | -31.28 | -28.14 | -24.56 | -31.72 | -44.32 |         |  |
| 16-Jul-2009 | 06:00:00 | -28.69               | -34.35 | -11.53 | -30.42 | -28.17 | -24.39 | -31.37 | -44.27 |         |  |
| 16-Jul-2009 | 12:00:00 | -28.66               | -34.28 | -11.28 | -30.05 | -28.16 | -24.39 | -31.56 | -44.30 |         |  |
| 16-Jul-2009 | 18:00:00 | -28.78               | -34.42 | -11.99 | -30.99 | -28.35 | -24.59 | -31.50 | -44.51 |         |  |
| 16-Jul-2009 | 24:00:00 | -28.70               | -29.62 | -10.91 | -30.03 | -28.24 | -24.45 | -31.70 | -44.43 |         |  |
| 17-Jul-2009 | 06:00:00 | -28.71               | -29.97 | -10.79 | -29.46 | -28.28 | -24.40 | -31.48 | -44.31 |         |  |
| 17-Jul-2009 | 12:00:00 | -28.66               | -30.32 | -10.51 | -29.10 | -28.21 | -24.42 | -31.47 | -44.34 |         |  |
| 17-Jul-2009 | 18:00:00 | -28.84               | -30.66 | -11.17 | -29.79 | -28.36 | -24.66 | -31.43 | -44.54 |         |  |
| 17-Jul-2009 | 24:00:00 | -28.69               | -31.04 | -11.60 | -30.48 | -28.33 | -24.51 | -32.33 | -44.40 |         |  |
| 18-Jul-2009 | 06:00:00 | -2.88                | -2.14  | -6.85  | -21.05 | 3.10   | -1.30  | -2.55  | -5.70  |         |  |
| 18-Jul-2009 | 12:00:00 | -4.56                | -3.03  | -7.21  | -25.98 | 0.56   | -4.10  | -2.69  | -5.79  |         |  |
| 18-Jul-2009 | 18:00:00 | -6.88                | -4.14  | -8.03  | -26.99 | -1.74  | -5.97  | -3.21  | -6.35  |         |  |
| 18-Jul-2009 | 24:00:00 | -8.76                | -5.72  | -8.50  | -27.56 | -2.54  | -8.70  | -4.54  | -7.50  |         |  |
| 19-Jul-2009 | 06:00:00 | -8.13                | -6.45  | -8.47  | -27.23 | -2.59  | -9.78  | -4.60  | -10.56 |         |  |
| 19-Jul-2009 | 12:00:00 | -8.41                | -7.47  | -8.63  | -27.29 | -3.06  | -11.43 | -5.43  | -27.35 |         |  |
| 19-Jul-2009 | 18:00:00 | -10.30               | -8.91  | -9.56  | -28.19 | -3.67  | -13.85 | -6.41  | -38.00 |         |  |
| 19-Jul-2009 | 24:00:00 | -11.07               | -11.00 | -9.66  | -28.26 | -4.56  | -16.64 | -8.88  | -42.74 |         |  |
| 20-Jul-2009 | 06:00:00 | -9.92                | -12.60 | -9.46  | -27.80 | -4.71  | -17.92 | -9.66  | -42.82 |         |  |
| 20-Jul-2009 | 12:00:00 | -9.57                | -13.71 | -9.30  | -27.54 | -4.86  | -18.94 | -10.60 | -42.26 |         |  |
| 20-Jul-2009 | 18:00:00 | -9.91                | -14.74 | -9.58  | -27.62 | -5.24  | -20.28 | -11.09 | -42.18 |         |  |
| 20-Jul-2009 | 24:00:00 | -9.70                | -14.91 | -9.70  | -27.74 | -3.27  | -21.17 | -8.34  | -42.36 |         |  |
| 21-Jul-2009 | 06:00:00 | -3.66                | -3.52  | -7.93  | -25.32 | -1.28  | -2.98  | -2.56  | -3.60  |         |  |
| 21-Jul-2009 | 12:00:00 | -5.65                | -4.19  | -8.40  | -25.79 | -1.71  | -3.83  | -3.46  | -3.30  |         |  |
| 21-Jul-2009 | 18:00:00 | -7.21                | -5.13  | -8.92  | -26.28 | -2.17  | -4.95  | -3.77  | -3.36  |         |  |
| 21-Jul-2009 | 24:00:00 | -9.04                | -6.45  | -9.17  | -26.80 | -2.84  | -7.04  | -4.90  | -4.76  |         |  |
| 22-Jul-2009 | 06:00:00 | -8.41                | -7.10  | -8.93  | -26.43 | -2.77  | -7.80  | -5.02  | -6.95  |         |  |
| 22-Jul-2009 | 12:00:00 | -8.34                | -7.76  | -9.06  | -26.56 | -2.96  | -8.40  | -5.58  | -12.50 |         |  |
| 22-Jul-2009 | 18:00:00 | -9.81                | -8.85  | -9.78  | -27.16 | -3.66  | -9.35  | -6.05  | -22.66 |         |  |
| 22-Jul-2009 | 24:00:00 | -8.23                | -8.02  | -9.31  | -26.79 | -2.91  | -10.24 | -6.93  | -32.43 |         |  |
| 23-Jul-2009 | 06:00:00 | -6.39                | -6.42  | -9.37  | -26.73 | -3.32  | -11.20 | -7.08  | -35.36 |         |  |
| 23-Jul-2009 | 12:00:00 | -7.30                | -7.16  | -9.30  | -26.48 | -3.39  | -11.97 | -7.83  | -36.54 |         |  |
| 23-Jul-2009 | 18:00:00 | -9.14                | -8.20  | -9.85  | -27.16 | -4.46  | -13.37 | -8.67  | -37.83 |         |  |
| 23-Jul-2009 | 24:00:00 | -9.74                | -10.04 | -9.66  | -27.11 | -4.96  | -14.72 | -11.20 | -38.76 |         |  |
| 24-Jul-2009 | 06:00:00 | -3.74                | -3.54  | -8.84  | -26.32 | -1.75  | -2.79  | -3.36  | -7.23  |         |  |
| 24-Jul-2009 | 12:00:00 | -4.96                | -3.80  | -8.70  | -25.96 | -1.58  | -2.52  | -3.54  | -4.96  |         |  |
| 24-Jul-2009 | 18:00:00 | -7.54                | -4.70  | -9.46  | -26.46 | -2.17  | -4.43  | -4.00  | -5.44  |         |  |
| 24-Jul-2009 | 24:00:00 | -9.57                | -6.09  | -9.70  | -27.10 | -2.76  | -6.53  | -5.31  | -10.64 |         |  |
| 25-Jul-2009 | 06:00:00 | -8.56                | -6.70  | -9.34  | -26.51 | -2.70  | -7.11  | -5.36  | -18.28 |         |  |
| 25-Jul-2009 | 12:00:00 | -8.36                | -7.14  | -9.30  | -26.48 | -2.83  | -7.71  | -6.09  | -25.78 |         |  |
| 25-Jul-2009 | 18:00:00 | -10.08               | -7.92  | -9.77  | -26.96 | -3.46  | -8.44  | -6.47  | -30.50 |         |  |
| 25-Jul-2009 | 24:00:00 | -10.96               | -9.81  | -9.88  | -27.23 | -4.05  | -9.77  | -8.87  | -35.06 |         |  |
| 26-Jul-2009 | 06:00:00 | -9.81                | -10.74 | -9.44  | -26.80 | -4.08  | -10.92 | -8.96  | -36.95 |         |  |
| 26-Jul-2009 | 12:00:00 | -9.63                | -11.55 | -9.52  | -26.86 | -4.38  | -12.14 | -9.95  | -37.48 |         |  |
| 26-Jul-2009 | 18:00:00 | -11.56               | -12.98 | -10.22 | -27.58 | -5.70  | -13.73 | -11.45 | -38.36 |         |  |
| 26-Jul-2009 | 24:00:00 | -12.86               | -15.53 | -10.39 | -27.96 | -7.88  | -15.47 | -15.90 | -39.75 |         |  |
| 27-Jul-2009 | 06:00:00 | -11.98               | -16.89 | -10.04 | -27.44 | -8.95  | -16.31 | -16.77 | -39.86 |         |  |
| 27-Jul-2009 | 12:00:00 | -11.46               | -18.02 | -10.01 | -27.44 | -9.66  | -17.25 | -17.79 | -39.30 |         |  |
| 27-Jul-2009 | 18:00:00 | -12.67               | -18.93 | -10.55 | -27.76 | -10.68 | -18.27 | -18.41 | -39.42 |         |  |
| 27-Jul-2009 | 24:00:00 | 10.48                | 4.28   | -3.61  | -2.33  | 8.87   | 3.69   | 4.59   | 3.40   |         |  |
| 28-Jul-2009 | 06:00:00 | 4.68                 | 2.04   | -3.72  | -14.52 | 6.56   | 1.15   | 3.80   | 2.04   |         |  |
| 28-Jul-2009 | 12:00:00 | 1.48                 | -0.23  | -3.47  | -21.86 | 4.80   | -0.81  | 1.50   | -0.88  |         |  |
| 28-Jul-2009 | 18:00:00 | 0.03                 | -2.08  | -4.02  | -22.83 | 2.88   | -2.56  | -1.11  | -2.03  |         |  |
| 28-Jul-2009 | 24:00:00 | -2.08                | -2.96  | -4.43  | -23.43 | 1.34   | -4.47  | 0.61   | -2.61  |         |  |
| 29-Jul-2009 | 06:00:00 | 0.42                 | -1.91  | -2.71  | -11.21 | 3.76   | -1.60  | -0.68  | -1.20  |         |  |
| 29-Jul-2009 | 12:00:00 | -0.62                | -2.26  | -3.20  | -19.73 | 2.44   | -2.39  | -0.90  | -1.48  |         |  |
| 29-Jul-2009 | 18:00:00 | -2.56                | -2.93  | -4.12  | -21.80 | 1.12   | -3.47  | -1.94  | -1.78  |         |  |
| 29-Jul-2009 | 24:00:00 | -3.87                | -3.81  | -4.51  | -22.40 | -0.38  | -4.95  | -1.37  | -2.08  |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 30-Jul-2009 | 06:00:00 | -4.03                | -4.06  | -4.52  | -22.28 | -1.08  | -5.12  | -1.80  | -2.22  |         |  |
| 30-Jul-2009 | 12:00:00 | -4.40                | -4.49  | -4.96  | -22.50 | -1.42  | -5.08  | -2.14  | -2.78  |         |  |
| 30-Jul-2009 | 18:00:00 | -5.96                | -5.43  | -5.66  | -23.13 | -1.87  | -6.26  | -2.98  | -3.83  |         |  |
| 30-Jul-2009 | 24:00:00 | -6.96                | -6.72  | -5.95  | -23.30 | -2.26  | -8.03  | -2.58  | -7.30  |         |  |
| 31-Jul-2009 | 06:00:00 | -6.09                | -7.17  | -5.88  | -23.06 | -2.20  | -8.90  | -3.11  | -11.60 |         |  |
| 31-Jul-2009 | 12:00:00 | -5.95                | -7.40  | -5.99  | -23.07 | -2.30  | -9.22  | -3.22  | -14.07 |         |  |
| 31-Jul-2009 | 18:00:00 | -7.76                | -8.84  | -6.70  | -23.49 | -3.03  | -9.96  | -0.57  | -19.52 |         |  |
| 31-Jul-2009 | 24:00:00 | 1.18                 | -1.56  | -5.18  | -16.12 | 2.67   | -1.34  | -0.38  | -1.90  |         |  |
| 1-Aug-2009  | 06:00:00 | 0.51                 | -1.96  | -4.36  | -20.25 | 2.74   | -1.83  | -1.20  | -1.73  |         |  |
| 1-Aug-2009  | 12:00:00 | -0.16                | -2.26  | -4.37  | -20.80 | 1.83   | -2.43  | -1.10  | -1.85  |         |  |
| 1-Aug-2009  | 18:00:00 | -1.62                | -2.73  | -4.75  | -21.15 | 0.60   | -3.20  | -1.53  | -2.13  |         |  |
| 1-Aug-2009  | 24:00:00 | -1.99                | -3.45  | -4.98  | -21.65 | -0.55  | -4.58  | -1.41  | -2.27  |         |  |
| 2-Aug-2009  | 06:00:00 | -2.58                | -3.45  | -4.82  | -21.46 | -1.05  | -4.38  | -1.73  | -1.96  |         |  |
| 2-Aug-2009  | 12:00:00 | -3.04                | -3.69  | -4.96  | -21.56 | -1.34  | -4.30  | -0.18  | -1.92  |         |  |
| 2-Aug-2009  | 18:00:00 | 2.57                 | -1.25  | -0.46  | -0.10  | 7.36   | 2.13   | 2.26   | 1.82   |         |  |
| 2-Aug-2009  | 24:00:00 | 1.66                 | -1.80  | -1.28  | -12.78 | 5.60   | -0.40  | 1.70   | 2.43   |         |  |
| 3-Aug-2009  | 06:00:00 | 1.28                 | -1.76  | -1.30  | -14.87 | 4.91   | -0.98  | 0.49   | 1.63   |         |  |
| 3-Aug-2009  | 12:00:00 | 0.57                 | -1.89  | -1.60  | -18.22 | 4.02   | -1.44  | -0.20  | -0.18  |         |  |
| 3-Aug-2009  | 18:00:00 | -0.93                | -2.44  | -2.53  | -19.01 | 2.94   | -2.93  | -1.34  | -1.29  |         |  |
| 3-Aug-2009  | 24:00:00 | -2.72                | -3.16  | -2.92  | -19.50 | 2.07   | -4.77  | -0.81  | -1.32  |         |  |
| 4-Aug-2009  | 06:00:00 | -2.41                | -3.24  | -2.83  | -19.38 | 1.29   | -4.55  | -1.34  | -1.12  |         |  |
| 4-Aug-2009  | 12:00:00 | -2.86                | -3.38  | -2.98  | -19.48 | 0.51   | -4.44  | -1.31  | -1.04  |         |  |
| 4-Aug-2009  | 18:00:00 | -4.48                | -4.25  | -3.85  | -20.04 | -0.22  | -5.54  | -1.32  | -1.61  |         |  |
| 4-Aug-2009  | 24:00:00 | -2.77                | -3.38  | -3.76  | -20.00 | -0.08  | -1.70  | -1.10  | -1.14  |         |  |
| 5-Aug-2009  | 06:00:00 | -3.42                | -3.76  | -3.54  | -19.68 | -0.19  | -2.67  | -1.40  | -1.06  |         |  |
| 5-Aug-2009  | 12:00:00 | -3.94                | -4.04  | -3.56  | -19.83 | -0.44  | -3.23  | -1.52  | -1.04  |         |  |
| 5-Aug-2009  | 18:00:00 | -5.37                | -4.90  | -4.40  | -20.34 | -0.70  | -4.64  | -0.70  | -1.46  |         |  |
| 5-Aug-2009  | 24:00:00 | 1.01                 | -1.68  | -3.66  | -19.78 | 1.79   | -1.43  | -0.62  | -0.51  |         |  |
| 6-Aug-2009  | 06:00:00 | 0.64                 | -1.85  | -3.29  | -19.41 | 2.36   | -1.74  | -1.02  | -0.62  |         |  |
| 6-Aug-2009  | 12:00:00 | 0.04                 | -2.14  | -3.18  | -19.34 | 2.14   | -2.18  | -0.88  | -0.59  |         |  |
| 6-Aug-2009  | 18:00:00 | -1.17                | -2.43  | -3.55  | -19.49 | 1.53   | -3.15  | -1.60  | -0.81  |         |  |
| 6-Aug-2009  | 24:00:00 | -2.79                | -3.41  | -3.83  | -20.07 | 0.74   | -5.00  | -1.30  | -1.05  |         |  |
| 7-Aug-2009  | 06:00:00 | -2.80                | -3.39  | -3.79  | -19.77 | 0.26   | -5.01  | -1.86  | -0.72  |         |  |
| 7-Aug-2009  | 12:00:00 | -3.18                | -3.58  | -3.94  | -20.07 | 0.06   | -4.80  | -1.80  | -0.65  |         |  |
| 7-Aug-2009  | 18:00:00 | -4.84                | -4.34  | -4.73  | -20.56 | -0.19  | -5.76  | -2.40  | -1.07  |         |  |
| 7-Aug-2009  | 24:00:00 | -6.02                | -5.60  | -4.82  | -20.67 | -0.30  | -7.70  | -2.33  | -1.67  |         |  |
| 8-Aug-2009  | 06:00:00 | -5.01                | -6.34  | -4.74  | -20.52 | -0.62  | -8.33  | -2.62  | -2.00  |         |  |
| 8-Aug-2009  | 12:00:00 | -4.82                | -6.70  | -4.63  | -20.28 | -0.33  | -8.51  | -2.55  | -2.03  |         |  |
| 8-Aug-2009  | 18:00:00 | -6.54                | -7.79  | -5.32  | -20.81 | -0.51  | -9.21  | -3.22  | -3.18  |         |  |
| 8-Aug-2009  | 24:00:00 | -7.53                | -9.99  | -5.24  | -21.05 | -0.78  | -10.12 | -3.10  | -5.66  |         |  |
| 9-Aug-2009  | 06:00:00 | -6.06                | -10.70 | -4.90  | -20.61 | -0.90  | -11.00 | -3.56  | -7.32  |         |  |
| 9-Aug-2009  | 12:00:00 | -5.76                | -11.56 | -4.76  | -20.50 | -0.93  | -12.00 | -3.62  | -7.91  |         |  |
| 9-Aug-2009  | 18:00:00 | -7.80                | -12.66 | -5.44  | -20.99 | -1.38  | -13.29 | -4.46  | -10.53 |         |  |
| 9-Aug-2009  | 24:00:00 | -8.74                | -14.22 | -5.44  | -21.29 | -1.69  | -14.44 | -4.26  | -13.30 |         |  |
| 10-Aug-2009 | 06:00:00 | -7.09                | -15.12 | -5.17  | -20.90 | -1.69  | -15.28 | -4.49  | -12.80 |         |  |
| 10-Aug-2009 | 12:00:00 | -6.63                | -15.93 | -5.11  | -20.79 | -1.83  | -16.19 | -4.84  | -12.48 |         |  |
| 10-Aug-2009 | 18:00:00 | -8.66                | -16.77 | -5.83  | -21.34 | -2.46  | -17.30 | -6.18  | -13.36 |         |  |
| 10-Aug-2009 | 24:00:00 | -9.63                | -17.54 | -5.64  | -21.64 | -2.84  | -17.99 | -6.22  | -14.49 |         |  |
| 11-Aug-2009 | 06:00:00 | -8.20                | -18.17 | -5.24  | -21.08 | -2.74  | -18.71 | -6.71  | -13.70 |         |  |
| 11-Aug-2009 | 12:00:00 | -7.48                | -18.75 | -5.17  | -20.96 | -2.80  | -19.28 | -7.50  | -12.94 |         |  |
| 11-Aug-2009 | 18:00:00 | -9.55                | -19.40 | -5.96  | -21.63 | -3.46  | -20.45 | -10.76 | -14.09 |         |  |
| 11-Aug-2009 | 24:00:00 | -10.76               | -19.83 | -5.59  | -21.47 | -1.51  | -20.84 | 0.36   | -14.52 |         |  |
| 12-Aug-2009 | 06:00:00 | 0.10                 | -1.73  | -2.96  | -18.57 | 3.90   | -2.24  | -0.87  | 0.04   |         |  |
| 12-Aug-2009 | 12:00:00 | 0.29                 | -1.80  | -2.86  | -18.74 | 2.91   | -2.64  | -0.98  | -0.20  |         |  |
| 12-Aug-2009 | 18:00:00 | -2.52                | -2.58  | -3.55  | -19.13 | 1.88   | -4.06  | -1.35  | -0.59  |         |  |
| 12-Aug-2009 | 24:00:00 | -1.32                | -2.44  | -3.26  | -19.07 | 1.17   | -1.74  | -1.11  | -0.28  |         |  |
| 13-Aug-2009 | 06:00:00 | -2.98                | -2.82  | -3.44  | -19.11 | 0.16   | -3.11  | -1.29  | -0.30  |         |  |
| 13-Aug-2009 | 12:00:00 | -3.34                | -3.09  | -3.55  | -19.30 | -0.39  | -3.04  | -1.13  | -0.35  |         |  |
| 13-Aug-2009 | 18:00:00 | -0.78                | -2.51  | -3.83  | -19.40 | -0.73  | -1.23  | -1.12  | -0.34  |         |  |
| 13-Aug-2009 | 24:00:00 | -2.04                | -2.48  | -3.65  | -19.18 | -0.45  | -1.58  | -1.00  | -0.34  |         |  |
| 14-Aug-2009 | 06:00:00 | -3.40                | -2.86  | -3.79  | -19.14 | -0.54  | -2.56  | -1.18  | -0.44  |         |  |
| 14-Aug-2009 | 12:00:00 | -3.85                | -3.12  | -3.88  | -19.14 | -0.72  | -2.78  | -0.54  | -0.38  |         |  |
| 14-Aug-2009 | 18:00:00 | 1.77                 | -1.06  | -3.16  | -13.13 | 0.92   | -0.77  | -0.71  | 0.56   |         |  |
| 14-Aug-2009 | 24:00:00 | 0.06                 | -1.60  | -2.52  | -17.20 | 3.03   | -2.39  | -0.53  | 0.48   |         |  |
| 15-Aug-2009 | 06:00:00 | -0.82                | -1.86  | -2.53  | -17.68 | 2.68   | -2.92  | -0.83  | 0.06   |         |  |
| 15-Aug-2009 | 12:00:00 | -1.81                | -2.19  | -2.64  | -17.87 | 2.14   | -3.11  | -0.86  | 0.07   |         |  |
| 15-Aug-2009 | 18:00:00 | -3.48                | -2.80  | -3.19  | -18.22 | 1.36   | -4.23  | -1.32  | -0.16  |         |  |
| 15-Aug-2009 | 24:00:00 | -5.04                | -3.60  | -3.32  | -18.71 | 0.71   | -5.76  | -1.24  | -0.44  |         |  |
| 16-Aug-2009 | 06:00:00 | -4.39                | -3.82  | -3.29  | -18.53 | 0.06   | -6.15  | -1.78  | -0.30  |         |  |
| 16-Aug-2009 | 12:00:00 | -4.66                | -4.16  | -3.50  | -18.71 | -0.36  | -6.11  | -1.78  | -0.20  |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
| dd-mmm-yyyy | hh:mm:ss | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 16-Aug-2009 | 18:00:00 | -6.00                | -4.77  | -3.94  | -19.01 | -0.58  | -6.58  | -2.12  | -0.57  |         |  |
| 16-Aug-2009 | 24:00:00 | -6.01                | -5.38  | -3.88  | -19.00 | -0.70  | -7.00  | -2.16  | -0.92  |         |  |
| 17-Aug-2009 | 06:00:00 | -5.58                | -5.80  | -3.97  | -18.96 | -0.73  | -7.13  | -2.51  | -0.90  |         |  |
| 17-Aug-2009 | 12:00:00 | -5.24                | -6.05  | -3.78  | -18.86 | -0.51  | -6.86  | -2.32  | -0.69  |         |  |
| 17-Aug-2009 | 18:00:00 | -6.87                | -7.05  | -4.51  | -19.47 | -0.67  | -7.84  | -3.08  | -1.48  |         |  |
| 17-Aug-2009 | 24:00:00 | -7.58                | -8.82  | -4.33  | -19.30 | -0.72  | -9.29  | -2.97  | -2.24  |         |  |
| 18-Aug-2009 | 06:00:00 | -6.55                | -9.47  | -4.21  | -19.17 | -0.75  | -9.68  | -3.17  | -2.49  |         |  |
| 18-Aug-2009 | 12:00:00 | -5.88                | -9.76  | -4.10  | -18.93 | -0.45  | -9.47  | -3.18  | -2.68  |         |  |
| 18-Aug-2009 | 18:00:00 | -8.04                | -10.88 | -4.64  | -19.38 | -0.52  | -10.06 | -3.87  | -4.40  |         |  |
| 18-Aug-2009 | 24:00:00 | -9.04                | -12.58 | -4.61  | -19.58 | -0.72  | -12.38 | -3.80  | -6.78  |         |  |
| 19-Aug-2009 | 06:00:00 | -7.78                | -13.60 | -4.38  | -19.22 | -0.55  | -13.67 | -4.28  | -6.53  |         |  |
| 19-Aug-2009 | 12:00:00 | -7.18                | -14.30 | -4.24  | -19.08 | -0.39  | -14.68 | -4.24  | -6.11  |         |  |
| 19-Aug-2009 | 18:00:00 | -8.97                | -15.16 | -4.82  | -19.50 | -0.50  | -15.82 | -5.30  | -7.66  |         |  |
| 19-Aug-2009 | 24:00:00 | -10.23               | -16.28 | -4.85  | -19.76 | -0.68  | -16.74 | -5.31  | -9.06  |         |  |
| 20-Aug-2009 | 06:00:00 | -8.84                | -17.01 | -4.57  | -19.37 | -0.88  | -17.34 | -5.96  | -8.19  |         |  |
| 20-Aug-2009 | 12:00:00 | -8.17                | -17.64 | -4.55  | -19.30 | -1.06  | -17.97 | -5.50  | -7.47  |         |  |
| 20-Aug-2009 | 18:00:00 | -8.52                | -18.08 | -4.69  | -19.26 | -1.41  | -18.57 | -7.47  | -8.48  |         |  |
| 20-Aug-2009 | 24:00:00 | -10.34               | -18.82 | -4.85  | -19.58 | -1.64  | -19.32 | -7.53  | -9.68  |         |  |
| 21-Aug-2009 | 06:00:00 | -9.25                | -19.19 | -4.56  | -19.49 | -1.59  | -20.02 | -8.34  | -9.08  |         |  |
| 21-Aug-2009 | 12:00:00 | -8.49                | -19.52 | -4.44  | -19.37 | -1.76  | -20.66 | -8.44  | -8.38  |         |  |
| 21-Aug-2009 | 18:00:00 | -9.72                | -20.06 | -4.78  | -19.59 | -1.95  | -21.34 | -10.41 | -9.72  |         |  |
| 21-Aug-2009 | 24:00:00 | -10.09               | -20.39 | -4.56  | -19.42 | -2.10  | -21.76 | -11.04 | -9.77  |         |  |
| 22-Aug-2009 | 06:00:00 | -9.24                | -20.78 | -4.45  | -19.35 | -2.20  | -22.32 | -11.63 | -9.04  |         |  |
| 22-Aug-2009 | 12:00:00 | -8.58                | -20.98 | -4.28  | -19.23 | -2.24  | -22.80 | -12.17 | -8.36  |         |  |
| 22-Aug-2009 | 18:00:00 | -9.63                | -21.35 | -4.67  | -19.54 | -2.68  | -23.40 | -2.60  | -9.88  |         |  |
| 22-Aug-2009 | 24:00:00 | -0.44                | -6.88  | -3.97  | -19.08 | -1.11  | -3.77  | 0.30   | -6.11  |         |  |
| 23-Aug-2009 | 06:00:00 | 0.38                 | -1.71  | -1.97  | -16.25 | 4.10   | -1.29  | -0.82  | 0.44   |         |  |
| 23-Aug-2009 | 12:00:00 | -0.31                | -2.02  | -2.24  | -16.80 | 2.94   | -2.08  | -0.83  | 0.06   |         |  |
| 23-Aug-2009 | 18:00:00 | -2.19                | -2.46  | -2.57  | -17.26 | 2.21   | -3.33  | -1.34  | -0.09  |         |  |
| 23-Aug-2009 | 24:00:00 | -4.14                | -3.36  | -2.75  | -17.54 | 1.43   | -5.02  | -1.13  | -0.16  |         |  |
| 24-Aug-2009 | 06:00:00 | -4.21                | -3.63  | -2.75  | -17.52 | 0.66   | -4.88  | -1.64  | -0.03  |         |  |
| 24-Aug-2009 | 12:00:00 | -4.57                | -4.11  | -2.84  | -17.79 | -0.08  | -4.89  | -1.47  | -0.11  |         |  |
| 24-Aug-2009 | 18:00:00 | -5.26                | -4.62  | -3.16  | -17.88 | -0.78  | -5.16  | -2.30  | -0.34  |         |  |
| 24-Aug-2009 | 24:00:00 | -6.84                | -5.82  | -3.46  | -18.32 | -1.15  | -6.57  | -2.22  | -1.08  |         |  |
| 25-Aug-2009 | 06:00:00 | -6.06                | -6.57  | -3.36  | -18.08 | -1.26  | -7.11  | -2.54  | -1.44  |         |  |
| 25-Aug-2009 | 12:00:00 | -6.03                | -7.22  | -3.44  | -18.16 | -1.39  | -7.28  | -2.48  | -1.58  |         |  |
| 25-Aug-2009 | 18:00:00 | -7.59                | -8.14  | -3.85  | -18.57 | -1.69  | -7.90  | -3.35  | -2.38  |         |  |
| 25-Aug-2009 | 24:00:00 | -8.72                | -10.37 | -3.98  | -18.72 | -1.94  | -9.36  | -3.20  | -5.00  |         |  |
| 26-Aug-2009 | 06:00:00 | -7.56                | -11.13 | -3.77  | -18.46 | -1.95  | -10.17 | -3.58  | -5.39  |         |  |
| 26-Aug-2009 | 12:00:00 | -7.23                | -11.99 | -3.80  | -18.44 | -1.89  | -10.76 | -3.51  | -5.57  |         |  |
| 26-Aug-2009 | 18:00:00 | -8.35                | -12.64 | -3.88  | -18.47 | -1.96  | -11.46 | -4.53  | -6.77  |         |  |
| 26-Aug-2009 | 24:00:00 | -9.68                | -14.22 | -4.12  | -18.94 | -1.86  | -13.49 | -4.54  | -9.14  |         |  |
| 27-Aug-2009 | 06:00:00 | -8.60                | -15.44 | -4.00  | -18.82 | -1.92  | -14.87 | -4.76  | -9.02  |         |  |
| 27-Aug-2009 | 12:00:00 | -8.01                | -16.13 | -3.77  | -18.50 | -1.62  | -15.87 | -6.26  | -8.55  |         |  |
| 27-Aug-2009 | 18:00:00 | -10.00               | -17.08 | -4.19  | -19.13 | -1.51  | -16.89 | -6.18  | -10.20 |         |  |
| 27-Aug-2009 | 24:00:00 | -11.19               | -18.16 | -4.20  | -19.20 | -1.47  | -17.62 | -6.75  | -10.94 |         |  |
| 28-Aug-2009 | 06:00:00 | -9.88                | -18.83 | -3.88  | -18.92 | -1.40  | -18.28 | -6.70  | -9.94  |         |  |
| 28-Aug-2009 | 12:00:00 | -9.18                | -19.28 | -3.72  | -18.80 | -1.63  | -19.01 | -7.60  | -9.53  |         |  |
| 28-Aug-2009 | 18:00:00 | -9.79                | -19.83 | -4.07  | -18.99 | -2.08  | -19.79 | -4.31  | -10.13 |         |  |
| 28-Aug-2009 | 24:00:00 | -3.85                | -14.85 | -3.90  | -18.95 | -1.42  | -20.31 | -4.77  | -6.36  |         |  |
| 29-Aug-2009 | 06:00:00 | -4.59                | -11.38 | -3.44  | -18.53 | -1.54  | -20.34 | -5.21  | -7.01  |         |  |
| 29-Aug-2009 | 12:00:00 | -5.70                | -12.52 | -3.31  | -18.54 | -1.64  | -20.43 | -7.14  | -7.62  |         |  |
| 29-Aug-2009 | 18:00:00 | -7.52                | -14.39 | -4.03  | -19.01 | -2.16  | -21.15 | -7.53  | -9.16  |         |  |
| 29-Aug-2009 | 24:00:00 | -8.96                | -16.11 | -4.02  | -19.35 | -2.31  | -21.45 | -8.25  | -10.52 |         |  |
| 30-Aug-2009 | 06:00:00 | -8.60                | -17.21 | -3.94  | -19.25 | -2.35  | -21.99 | -9.11  | -10.41 |         |  |
| 30-Aug-2009 | 12:00:00 | -8.50                | -18.14 | -3.83  | -19.23 | -2.30  | -22.48 | -11.92 | -10.32 |         |  |
| 30-Aug-2009 | 18:00:00 | -9.88                | -18.96 | -4.45  | -19.76 | -2.98  | -23.18 | -12.28 | -11.78 |         |  |
| 30-Aug-2009 | 24:00:00 | -10.35               | -19.73 | -4.07  | -19.72 | -2.91  | -23.36 | -3.69  | -12.17 |         |  |
| 31-Aug-2009 | 06:00:00 | -5.84                | -19.90 | -3.98  | -19.58 | -1.21  | -21.35 | -3.11  | -9.58  |         |  |
| 31-Aug-2009 | 12:00:00 | -3.93                | -8.97  | -3.77  | -19.44 | -1.41  | -9.57  | -3.30  | -7.34  |         |  |
| 31-Aug-2009 | 18:00:00 | -4.63                | -9.60  | -3.67  | -19.20 | -1.24  | -9.93  | -3.32  | -7.84  |         |  |
| 31-Aug-2009 | 24:00:00 | -5.70                | -10.86 | -3.67  | -19.12 | -1.23  | -10.06 | -3.76  | -8.57  |         |  |
| 1-Sep-2009  | 06:00:00 | -6.45                | -11.96 | -3.60  | -19.13 | -1.34  | -10.84 | -3.96  | -9.35  |         |  |
| 1-Sep-2009  | 12:00:00 | -6.91                | -12.80 | -3.62  | -19.24 | -1.42  | -12.06 | -5.28  | -9.66  |         |  |
| 1-Sep-2009  | 18:00:00 | -8.17                | -14.43 | -4.00  | -19.61 | -1.77  | -13.54 | -5.46  | -10.95 |         |  |
| 1-Sep-2009  | 24:00:00 | -9.91                | -16.73 | -4.22  | -19.92 | -2.22  | -15.22 | -6.14  | -12.54 |         |  |
| 2-Sep-2009  | 06:00:00 | -9.25                | -17.92 | -3.98  | -19.70 | -2.24  | -16.43 | -6.45  | -12.30 |         |  |
| 2-Sep-2009  | 12:00:00 | -8.95                | -18.56 | -3.80  | -19.59 | -2.26  | -17.22 | -8.66  | -11.73 |         |  |
| 2-Sep-2009  | 18:00:00 | -10.26               | -19.36 | -4.27  | -19.94 | -2.72  | -18.22 | -9.36  | -12.87 |         |  |
| 2-Sep-2009  | 24:00:00 | -11.01               | -20.31 | -4.15  | -20.00 | -2.85  | -18.74 | -9.86  | -13.42 |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 3-Sep-2009  | 06:00:00 | -10.00               | -20.97 | -3.90  | -19.66 | -2.77  | -19.42 | -10.26 | -12.60 |         |  |
| 3-Sep-2009  | 12:00:00 | -9.55                | -21.34 | -3.78  | -19.49 | -2.91  | -20.02 | -13.52 | -11.91 |         |  |
| 3-Sep-2009  | 18:00:00 | -10.82               | -21.76 | -3.72  | -19.78 | -3.33  | -20.73 | -14.67 | -12.87 |         |  |
| 3-Sep-2009  | 24:00:00 | -11.92               | -22.13 | -3.46  | -20.13 | -3.85  | -21.32 | -15.71 | -13.91 |         |  |
| 4-Sep-2009  | 06:00:00 | -11.16               | -22.40 | -3.13  | -19.92 | -4.18  | -21.98 | -16.35 | -13.19 |         |  |
| 4-Sep-2009  | 12:00:00 | -10.76               | -22.66 | -3.13  | -19.80 | -4.52  | -22.44 | -18.71 | -12.63 |         |  |
| 4-Sep-2009  | 18:00:00 | -12.14               | -22.91 | -3.82  | -20.31 | -5.68  | -23.16 | -19.85 | -14.13 |         |  |
| 4-Sep-2009  | 24:00:00 | -13.14               | -22.98 | -3.88  | -20.55 | -6.93  | -23.57 | -20.98 | -15.30 |         |  |
| 5-Sep-2009  | 06:00:00 | -12.38               | -23.22 | -3.96  | -20.21 | -7.82  | -24.14 | -21.48 | -14.64 |         |  |
| 5-Sep-2009  | 12:00:00 | -12.19               | -23.30 | -3.95  | -20.19 | -8.79  | -24.59 | -22.65 | -14.21 |         |  |
| 5-Sep-2009  | 18:00:00 | -13.30               | -23.51 | -4.69  | -20.67 | -10.11 | -24.90 | -23.24 | -15.57 |         |  |
| 5-Sep-2009  | 24:00:00 | -14.17               | -23.46 | -4.67  | -20.84 | -11.84 | -24.63 | -24.26 | -16.50 |         |  |
| 6-Sep-2009  | 06:00:00 | -13.42               | -23.46 | -4.43  | -20.58 | -13.26 | -24.65 | -24.57 | -15.70 |         |  |
| 6-Sep-2009  | 12:00:00 | -13.15               | -23.48 | -4.42  | -20.48 | -13.98 | -24.54 | -25.11 | -15.02 |         |  |
| 6-Sep-2009  | 18:00:00 | -14.17               | -23.72 | -4.98  | -21.02 | -15.04 | -24.65 | -25.43 | -16.16 |         |  |
| 6-Sep-2009  | 24:00:00 | -15.25               | -23.63 | -5.09  | -21.17 | -16.38 | -24.51 | -26.01 | -17.37 |         |  |
| 7-Sep-2009  | 06:00:00 | -14.48               | -23.51 | -4.67  | -20.72 | -17.01 | -24.44 | -26.20 | -16.36 |         |  |
| 7-Sep-2009  | 12:00:00 | -13.84               | -23.38 | -4.34  | -20.31 | -17.28 | -24.35 | -26.66 | -15.21 |         |  |
| 7-Sep-2009  | 18:00:00 | -13.75               | -23.39 | -4.48  | -20.40 | -17.59 | -24.53 | -26.50 | -15.17 |         |  |
| 7-Sep-2009  | 24:00:00 | -10.26               | -22.94 | -4.26  | -20.20 | -13.72 | -24.58 | -26.57 | -14.42 |         |  |
| 8-Sep-2009  | 06:00:00 | -10.47               | -22.48 | -4.27  | -20.04 | -12.14 | -24.56 | -26.24 | -14.16 |         |  |
| 8-Sep-2009  | 12:00:00 | -10.82               | -22.18 | -4.28  | -20.18 | -11.58 | -24.57 | -26.92 | -14.19 |         |  |
| 8-Sep-2009  | 18:00:00 | -11.32               | -22.06 | -4.43  | -20.36 | -11.52 | -24.66 | -26.86 | -14.91 |         |  |
| 8-Sep-2009  | 24:00:00 | -12.57               | -21.96 | -4.85  | -20.92 | -12.04 | -24.65 | -27.51 | -16.25 |         |  |
| 9-Sep-2009  | 06:00:00 | -12.82               | -21.95 | -4.69  | -20.70 | -12.69 | -24.54 | -27.56 | -16.28 |         |  |
| 9-Sep-2009  | 12:00:00 | -12.92               | -21.99 | -4.61  | -20.70 | -13.39 | -24.45 | -28.10 | -16.17 |         |  |
| 9-Sep-2009  | 18:00:00 | -13.71               | -22.44 | -5.23  | -21.21 | -14.38 | -24.65 | -28.29 | -17.42 |         |  |
| 9-Sep-2009  | 24:00:00 | -14.97               | -22.55 | -5.36  | -21.56 | -15.90 | -24.50 | -28.98 | -18.44 |         |  |
| 10-Sep-2009 | 06:00:00 | -15.00               | -22.92 | -5.08  | -21.39 | -16.83 | -24.59 | -29.32 | -18.06 |         |  |
| 10-Sep-2009 | 12:00:00 | -14.86               | -22.88 | -4.99  | -21.17 | -17.34 | -24.46 | -29.76 | -17.57 |         |  |
| 10-Sep-2009 | 18:00:00 | -15.42               | -23.12 | -5.28  | -21.42 | -18.20 | -24.54 | -29.93 | -18.29 |         |  |
| 10-Sep-2009 | 24:00:00 | -15.62               | -23.06 | -5.14  | -21.70 | -18.55 | -24.52 | -30.38 | -18.46 |         |  |
| 11-Sep-2009 | 06:00:00 | -15.46               | -23.22 | -4.87  | -21.17 | -19.10 | -24.42 | -30.41 | -17.99 |         |  |
| 11-Sep-2009 | 12:00:00 | -15.50               | -23.13 | -4.78  | -21.16 | -19.63 | -24.50 | -31.02 | -17.55 |         |  |
| 11-Sep-2009 | 18:00:00 | -16.17               | -23.31 | -5.18  | -21.46 | -20.19 | -24.62 | -31.05 | -18.36 |         |  |
| 11-Sep-2009 | 24:00:00 | -17.14               | -23.37 | -5.42  | -21.89 | -20.82 | -24.52 | -31.53 | -19.32 |         |  |
| 12-Sep-2009 | 06:00:00 | -17.00               | -23.38 | -5.10  | -21.39 | -21.12 | -24.53 | -31.68 | -18.41 |         |  |
| 12-Sep-2009 | 12:00:00 | -16.87               | -23.39 | -4.98  | -21.32 | -21.38 | -24.58 | -31.77 | -17.76 |         |  |
| 12-Sep-2009 | 18:00:00 | -17.43               | -23.40 | -5.52  | -21.65 | -21.87 | -24.63 | -31.43 | -18.59 |         |  |
| 12-Sep-2009 | 24:00:00 | -18.34               | -23.51 | -5.76  | -22.20 | -22.15 | -24.65 | -31.67 | -19.91 |         |  |
| 13-Sep-2009 | 06:00:00 | -18.30               | -23.45 | -5.47  | -21.70 | -22.35 | -24.54 | -31.34 | -19.19 |         |  |
| 13-Sep-2009 | 12:00:00 | -18.50               | -23.58 | -5.40  | -21.75 | -22.63 | -24.54 | -31.92 | -18.76 |         |  |
| 13-Sep-2009 | 18:00:00 | -19.05               | -23.85 | -5.92  | -22.18 | -23.08 | -24.64 | -31.43 | -20.07 |         |  |
| 13-Sep-2009 | 24:00:00 | -19.76               | -23.78 | -6.04  | -22.48 | -23.42 | -24.64 | -31.66 | -20.98 |         |  |
| 14-Sep-2009 | 06:00:00 | -19.76               | -23.80 | -5.57  | -22.00 | -23.66 | -24.54 | -31.58 | -20.32 |         |  |
| 14-Sep-2009 | 12:00:00 | -20.05               | -24.06 | -5.63  | -22.10 | -24.12 | -24.64 | -31.76 | -19.80 |         |  |
| 14-Sep-2009 | 18:00:00 | -20.48               | -24.18 | -6.17  | -22.73 | -24.63 | -24.72 | -31.36 | -21.03 |         |  |
| 14-Sep-2009 | 24:00:00 | -21.06               | -23.91 | -6.22  | -22.71 | -24.67 | -24.52 | -31.44 | -22.10 |         |  |
| 15-Sep-2009 | 06:00:00 | -21.20               | -24.04 | -5.84  | -22.37 | -24.96 | -24.53 | -31.41 | -21.34 |         |  |
| 15-Sep-2009 | 12:00:00 | -21.22               | -24.00 | -5.65  | -22.08 | -25.17 | -24.46 | -31.60 | -20.54 |         |  |
| 15-Sep-2009 | 18:00:00 | -21.78               | -24.27 | -6.32  | -22.89 | -25.64 | -24.66 | -31.34 | -21.78 |         |  |
| 15-Sep-2009 | 24:00:00 | -22.36               | -24.06 | -6.31  | -23.03 | -25.64 | -24.58 | -31.56 | -22.78 |         |  |
| 16-Sep-2009 | 06:00:00 | -22.58               | -24.09 | -6.06  | -22.64 | -25.93 | -24.58 | -31.35 | -22.13 |         |  |
| 16-Sep-2009 | 12:00:00 | -22.53               | -23.96 | -5.84  | -22.37 | -26.08 | -24.53 | -31.70 | -21.42 |         |  |
| 16-Sep-2009 | 18:00:00 | -22.72               | -24.14 | -6.07  | -22.64 | -26.41 | -24.59 | -31.48 | -21.72 |         |  |
| 16-Sep-2009 | 24:00:00 | -23.26               | -24.05 | -6.29  | -23.12 | -26.43 | -24.51 | -31.49 | -22.79 |         |  |
| 17-Sep-2009 | 06:00:00 | -23.47               | -24.06 | -6.19  | -22.84 | -26.76 | -24.58 | -31.17 | -22.38 |         |  |
| 17-Sep-2009 | 12:00:00 | -20.84               | -24.00 | -5.92  | -22.61 | -26.95 | -24.60 | -31.66 | -21.83 |         |  |
| 17-Sep-2009 | 18:00:00 | -19.69               | -23.86 | -5.84  | -22.58 | -27.08 | -24.53 | -31.40 | -21.70 |         |  |
| 17-Sep-2009 | 24:00:00 | -19.95               | -23.70 | -6.01  | -22.79 | -27.24 | -24.52 | -31.54 | -22.12 |         |  |
| 18-Sep-2009 | 06:00:00 | -20.44               | -23.54 | -5.86  | -22.54 | -27.36 | -24.58 | -31.37 | -21.66 |         |  |
| 18-Sep-2009 | 12:00:00 | -20.61               | -23.42 | -5.78  | -22.38 | -27.52 | -24.59 | -31.72 | -21.21 |         |  |
| 18-Sep-2009 | 18:00:00 | -21.04               | -23.37 | -6.05  | -22.78 | -27.72 | -24.56 | -31.34 | -22.01 |         |  |
| 18-Sep-2009 | 24:00:00 | -21.68               | -23.27 | -6.18  | -23.19 | -27.86 | -24.57 | -31.59 | -23.32 |         |  |
| 19-Sep-2009 | 06:00:00 | -22.16               | -23.31 | -6.06  | -22.71 | -27.98 | -24.53 | -31.23 | -22.66 |         |  |
| 19-Sep-2009 | 12:00:00 | -22.58               | -23.38 | -6.06  | -22.71 | -28.21 | -24.53 | -31.59 | -22.19 |         |  |
| 19-Sep-2009 | 18:00:00 | -23.11               | -23.42 | -6.49  | -23.27 | -28.52 | -24.63 | -31.41 | -23.25 |         |  |
| 19-Sep-2009 | 24:00:00 | -23.50               | -23.60 | -6.58  | -23.48 | -28.60 | -24.58 | -31.54 | -24.08 |         |  |
| 20-Sep-2009 | 06:00:00 | -24.08               | -23.64 | -6.43  | -23.16 | -28.71 | -24.52 | -31.31 | -23.76 |         |  |
| 20-Sep-2009 | 12:00:00 | -24.19               | -23.62 | -6.25  | -23.06 | -28.70 | -24.50 | -31.55 | -23.18 |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 20-Sep-2009 | 18:00:00 | -24.45               | -23.88 | -6.80  | -23.61 | -28.77 | -24.59 | -31.34 | -24.21 |         |  |
| 20-Sep-2009 | 24:00:00 | -24.66               | -23.80 | -6.83  | -23.90 | -28.68 | -24.57 | -31.59 | -24.93 |         |  |
| 21-Sep-2009 | 06:00:00 | -25.26               | -23.99 | -6.70  | -23.55 | -28.75 | -24.60 | -31.40 | -24.30 |         |  |
| 21-Sep-2009 | 12:00:00 | -25.51               | -24.11 | -6.56  | -23.45 | -28.84 | -24.56 | -31.77 | -23.46 |         |  |
| 21-Sep-2009 | 18:00:00 | -25.66               | -24.30 | -7.16  | -24.15 | -28.76 | -24.57 | -31.32 | -24.51 |         |  |
| 21-Sep-2009 | 24:00:00 | -26.12               | -24.29 | -7.20  | -24.29 | -28.70 | -24.48 | -31.58 | -25.67 |         |  |
| 22-Sep-2009 | 06:00:00 | -26.36               | -24.14 | -6.73  | -23.67 | -28.59 | -24.39 | -31.66 | -24.76 |         |  |
| 22-Sep-2009 | 12:00:00 | -26.41               | -24.22 | -6.59  | -23.45 | -28.68 | -24.54 | -31.44 | -23.79 |         |  |
| 22-Sep-2009 | 18:00:00 | -24.88               | -23.86 | -6.65  | -23.87 | -28.00 | -24.57 | -31.68 | -24.00 |         |  |
| 22-Sep-2009 | 24:00:00 | -24.78               | -23.79 | -6.82  | -23.42 | -24.40 | -24.58 | -31.30 | -23.38 |         |  |
| 23-Sep-2009 | 06:00:00 | -24.94               | -23.66 | -6.58  | -23.21 | -1.48  | -24.56 | -31.55 | -20.31 |         |  |
| 23-Sep-2009 | 12:00:00 | -20.66               | -23.27 | -5.87  | -23.19 | -1.16  | -24.66 | -31.38 | -22.08 |         |  |
| 23-Sep-2009 | 18:00:00 | -20.20               | -22.77 | -6.18  | -23.37 | -1.17  | -24.57 | -31.37 | -23.13 |         |  |
| 23-Sep-2009 | 24:00:00 | -20.74               | -22.23 | -6.40  | -23.06 | -1.22  | -24.45 | -31.31 | -22.64 |         |  |
| 24-Sep-2009 | 06:00:00 | -21.10               | -22.00 | -6.10  | -22.96 | -1.59  | -24.64 | -31.71 | -22.38 |         |  |
| 24-Sep-2009 | 12:00:00 | -21.48               | -22.04 | -6.25  | -23.16 | -1.86  | -24.71 | -31.32 | -22.60 |         |  |
| 24-Sep-2009 | 18:00:00 | -21.87               | -21.98 | -6.29  | -23.44 | -1.94  | -24.51 | -31.61 | -23.40 |         |  |
| 24-Sep-2009 | 24:00:00 | -22.52               | -21.78 | -6.41  | -23.20 | -2.02  | -24.62 | -31.44 | -22.84 |         |  |
| 25-Sep-2009 | 06:00:00 | -22.94               | -21.68 | -6.35  | -23.19 | -1.95  | -24.51 | -31.66 | -22.30 |         |  |
| 25-Sep-2009 | 12:00:00 | -23.17               | -21.62 | -6.17  | -23.52 | -2.22  | -24.69 | -31.19 | -23.14 |         |  |
| 25-Sep-2009 | 18:00:00 | -23.70               | -21.88 | -6.55  | -23.70 | -2.18  | -24.52 | -31.46 | -23.98 |         |  |
| 25-Sep-2009 | 24:00:00 | -24.36               | -21.90 | -6.73  | -23.48 | -2.22  | -24.60 | -31.04 | -24.03 |         |  |
| 26-Sep-2009 | 06:00:00 | -24.70               | -22.10 | -6.55  | -23.36 | -2.14  | -24.47 | -31.61 | -23.51 |         |  |
| 26-Sep-2009 | 12:00:00 | -24.81               | -22.07 | -6.40  | -23.25 | -2.06  | -24.54 | -30.99 | -23.24 |         |  |
| 26-Sep-2009 | 18:00:00 | -24.76               | -22.25 | -6.37  | -22.91 | -1.86  | -24.58 | -31.52 | -22.46 |         |  |
| 26-Sep-2009 | 24:00:00 | -24.82               | -21.94 | -6.19  | -22.56 | -1.77  | -24.54 | -31.05 | -21.33 |         |  |
| 27-Sep-2009 | 06:00:00 | -24.13               | -21.70 | -5.86  | -22.62 | -1.87  | -24.57 | -31.73 | -20.48 |         |  |
| 27-Sep-2009 | 12:00:00 | -24.09               | -21.48 | -5.87  | -22.90 | -2.07  | -24.63 | -31.20 | -21.10 |         |  |
| 27-Sep-2009 | 18:00:00 | -24.39               | -21.54 | -6.01  | -23.74 | -2.16  | -24.52 | -31.32 | -23.25 |         |  |
| 27-Sep-2009 | 24:00:00 | -25.41               | -21.62 | -6.50  | -23.55 | -2.12  | -24.59 | -31.22 | -23.14 |         |  |
| 28-Sep-2009 | 06:00:00 | -26.00               | -21.76 | -6.32  | -23.39 | -2.04  | -24.57 | -31.76 | -22.78 |         |  |
| 28-Sep-2009 | 12:00:00 | -26.28               | -22.04 | -6.35  | -23.70 | -2.23  | -24.70 | -30.94 | -23.73 |         |  |
| 28-Sep-2009 | 18:00:00 | -26.38               | -22.20 | -6.64  | -23.96 | -2.14  | -24.46 | -31.52 | -24.40 |         |  |
| 28-Sep-2009 | 24:00:00 | -26.66               | -22.13 | -6.82  | -24.29 | -2.16  | -24.60 | -31.29 | -25.19 |         |  |
| 29-Sep-2009 | 06:00:00 | -27.64               | -22.65 | -6.92  | -24.35 | -2.23  | -24.59 | -31.72 | -25.70 |         |  |
| 29-Sep-2009 | 12:00:00 | -28.14               | -23.08 | -6.91  | -24.76 | -2.53  | -24.75 | -31.35 | -26.31 |         |  |
| 29-Sep-2009 | 18:00:00 | -28.32               | -23.50 | -7.32  | -25.08 | -2.68  | -24.47 | -31.50 | -27.04 |         |  |
| 29-Sep-2009 | 24:00:00 | -28.83               | -23.74 | -7.34  | -24.75 | -2.59  | -24.62 | -31.40 | -26.99 |         |  |
| 30-Sep-2009 | 06:00:00 | -28.95               | -24.21 | -7.22  | -24.48 | -2.61  | -24.62 | -31.74 | -26.36 |         |  |
| 30-Sep-2009 | 12:00:00 | -28.96               | -24.41 | -7.10  | -25.11 | -3.09  | -24.70 | -31.43 | -27.22 |         |  |
| 30-Sep-2009 | 18:00:00 | -29.19               | -24.74 | -7.56  | -25.50 | -3.16  | -24.70 | -31.61 | -27.95 |         |  |
| 30-Sep-2009 | 24:00:00 | -29.17               | -24.83 | -7.78  | -25.10 | -3.16  | -24.69 | -31.50 | -27.54 |         |  |
| 1-Oct-2009  | 06:00:00 | -29.23               | -25.06 | -7.50  | -24.94 | -3.02  | -24.71 | -31.91 | -26.96 |         |  |
| 1-Oct-2009  | 12:00:00 | -29.23               | -25.11 | -7.39  | -25.34 | -3.39  | -24.69 | -31.17 | -27.48 |         |  |
| 1-Oct-2009  | 18:00:00 | -29.31               | -25.30 | -7.67  | -25.62 | -3.70  | -24.65 | -31.74 | -28.12 |         |  |
| 1-Oct-2009  | 24:00:00 | -29.28               | -25.17 | -7.84  | -25.01 | -3.87  | -24.66 | -31.71 | -27.44 |         |  |
| 2-Oct-2009  | 06:00:00 | -29.28               | -25.25 | -7.45  | -24.95 | -4.00  | -24.76 | -31.85 | -26.43 |         |  |
| 2-Oct-2009  | 12:00:00 | -29.31               | -25.35 | -7.42  | -25.35 | -4.34  | -24.86 | -31.50 | -26.96 |         |  |
| 2-Oct-2009  | 18:00:00 | -29.46               | -25.42 | -7.78  | -25.42 | -4.27  | -24.62 | -31.70 | -27.38 |         |  |
| 2-Oct-2009  | 24:00:00 | -29.18               | -25.02 | -7.82  | -25.01 | -4.11  | -24.72 | -31.49 | -26.94 |         |  |
| 3-Oct-2009  | 06:00:00 | -29.31               | -25.08 | -7.63  | -24.82 | -4.21  | -24.70 | -31.98 | -26.19 |         |  |
| 3-Oct-2009  | 12:00:00 | -29.36               | -25.11 | -7.49  | -25.56 | -4.99  | -24.89 | -31.49 | -27.23 |         |  |
| 3-Oct-2009  | 18:00:00 | -29.40               | -25.38 | -7.97  | -26.01 | -6.24  | -24.68 | -31.73 | -28.67 |         |  |
| 3-Oct-2009  | 24:00:00 | -29.25               | -25.28 | -8.18  | -25.65 | -6.72  | -24.76 | -31.19 | -28.66 |         |  |
| 4-Oct-2009  | 06:00:00 | -29.28               | -25.32 | -8.00  | -25.48 | -6.99  | -24.60 | -31.66 | -28.20 |         |  |
| 4-Oct-2009  | 12:00:00 | -29.08               | -25.44 | -7.76  | -26.07 | -7.56  | -24.77 | -31.23 | -29.16 |         |  |
| 4-Oct-2009  | 18:00:00 | -29.31               | -25.94 | -8.18  | -26.25 | -8.36  | -24.69 | -31.85 | -29.87 |         |  |
| 4-Oct-2009  | 24:00:00 | -29.26               | -25.73 | -8.35  | -25.95 | -8.94  | -24.65 | -31.38 | -29.55 |         |  |
| 5-Oct-2009  | 06:00:00 | -29.26               | -25.82 | -8.11  | -25.96 | -9.03  | -24.71 | -31.79 | -29.15 |         |  |
| 5-Oct-2009  | 12:00:00 | -29.32               | -25.86 | -7.96  | -25.71 | -3.44  | -24.76 | -31.58 | -28.54 |         |  |
| 5-Oct-2009  | 18:00:00 | -29.32               | -25.83 | -7.84  | -25.38 | -3.12  | -24.71 | -31.73 | -27.51 |         |  |
| 5-Oct-2009  | 24:00:00 | -29.26               | -25.65 | -7.62  | -25.20 | -1.90  | -24.71 | -31.67 | -26.76 |         |  |
| 6-Oct-2009  | 06:00:00 | -29.14               | -25.65 | -7.44  | -25.16 | -2.12  | -24.74 | -31.60 | -26.00 |         |  |
| 6-Oct-2009  | 12:00:00 | -29.14               | -25.55 | -7.43  | -25.16 | -2.54  | -24.78 | -31.44 | -25.83 |         |  |
| 6-Oct-2009  | 18:00:00 | -29.23               | -25.42 | -7.46  | -25.14 | -2.65  | -24.68 | -31.76 | -25.70 |         |  |
| 6-Oct-2009  | 24:00:00 | -29.20               | -25.11 | -7.40  | -24.83 | -2.61  | -24.65 | -31.37 | -25.38 |         |  |
| 7-Oct-2009  | 06:00:00 | -29.13               | -25.11 | -7.30  | -24.75 | -2.66  | -24.74 | -31.72 | -24.90 |         |  |
| 7-Oct-2009  | 12:00:00 | -29.05               | -24.96 | -7.21  | -25.48 | -3.12  | -24.83 | -31.36 | -25.91 |         |  |
| 7-Oct-2009  | 18:00:00 | -29.24               | -25.08 | -7.73  | -26.21 | -3.39  | -24.66 | -31.65 | -28.24 |         |  |
| 7-Oct-2009  | 24:00:00 | -28.92               | -24.94 | -8.16  | -26.01 | -3.37  | -24.62 | -31.24 | -29.26 |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 8-Oct-2009  | 06:00:00 | -29.05               | -25.22 | -8.02  | -26.07 | -3.57  | -24.64 | -31.71 | -29.96 |         |  |
| 8-Oct-2009  | 12:00:00 | -29.13               | -25.72 | -8.22  | -26.49 | -4.24  | -24.68 | -31.36 | -30.47 |         |  |
| 8-Oct-2009  | 18:00:00 | -29.19               | -26.06 | -8.39  | -26.67 | -5.16  | -24.59 | -31.76 | -31.08 |         |  |
| 8-Oct-2009  | 24:00:00 | -29.08               | -26.12 | -8.47  | -26.08 | -4.95  | -24.69 | -31.52 | -30.57 |         |  |
| 9-Oct-2009  | 06:00:00 | -29.11               | -26.18 | -8.26  | -25.82 | -4.65  | -24.59 | -31.73 | -29.16 |         |  |
| 9-Oct-2009  | 12:00:00 | -29.08               | -26.02 | -7.91  | -26.32 | -5.40  | -24.83 | -31.32 | -29.14 |         |  |
| 9-Oct-2009  | 18:00:00 | -29.23               | -26.10 | -8.44  | -26.67 | -6.54  | -24.74 | -31.65 | -29.81 |         |  |
| 9-Oct-2009  | 24:00:00 | -29.19               | -25.88 | -8.56  | -26.21 | -6.26  | -24.75 | -31.50 | -29.38 |         |  |
| 10-Oct-2009 | 06:00:00 | -29.17               | -25.80 | -8.35  | -25.97 | -5.72  | -24.64 | -31.83 | -28.78 |         |  |
| 10-Oct-2009 | 12:00:00 | -28.98               | -25.79 | -8.21  | -26.91 | -6.30  | -24.72 | -31.61 | -29.68 |         |  |
| 10-Oct-2009 | 18:00:00 | -29.16               | -26.07 | -8.54  | -27.33 | -6.96  | -24.76 | -31.74 | -30.96 |         |  |
| 10-Oct-2009 | 24:00:00 | -29.12               | -26.13 | -8.76  | -27.09 | -7.18  | -24.74 | -31.26 | -31.56 |         |  |
| 11-Oct-2009 | 06:00:00 | -29.12               | -26.42 | -8.65  | -26.90 | -2.26  | -24.86 | -31.68 | -31.59 |         |  |
| 11-Oct-2009 | 12:00:00 | -29.17               | -26.56 | -8.52  | -26.76 | -2.98  | -24.74 | -31.41 | -31.37 |         |  |
| 11-Oct-2009 | 18:00:00 | -29.17               | -26.68 | -8.48  | -26.98 | -3.19  | -24.60 | -31.42 | -31.30 |         |  |
| 11-Oct-2009 | 24:00:00 | -29.01               | -26.56 | -8.52  | -26.60 | -3.34  | -24.72 | -31.58 | -31.02 |         |  |
| 12-Oct-2009 | 06:00:00 | -29.11               | -26.76 | -8.48  | -26.40 | -3.42  | -24.68 | -31.96 | -30.40 |         |  |
| 12-Oct-2009 | 12:00:00 | -29.04               | -26.79 | -8.26  | -26.75 | -3.57  | -24.86 | -31.64 | -30.52 |         |  |
| 12-Oct-2009 | 18:00:00 | -29.16               | -26.92 | -8.60  | -26.36 | -2.31  | -24.70 | -31.58 | -29.58 |         |  |
| 12-Oct-2009 | 24:00:00 | -29.05               | -26.52 | -8.11  | -26.19 | -2.61  | -24.71 | -31.46 | -28.97 |         |  |
| 13-Oct-2009 | 06:00:00 | -28.95               | -26.63 | -8.11  | -26.12 | -2.84  | -24.81 | -31.80 | -28.44 |         |  |
| 13-Oct-2009 | 12:00:00 | -29.08               | -26.51 | -8.12  | -26.32 | -3.32  | -24.80 | -31.50 | -28.64 |         |  |
| 13-Oct-2009 | 18:00:00 | -29.16               | -26.51 | -8.28  | -26.98 | -3.61  | -24.69 | -31.70 | -29.97 |         |  |
| 13-Oct-2009 | 24:00:00 | -29.05               | -26.14 | -8.51  | -26.62 | -3.62  | -24.71 | -31.30 | -30.02 |         |  |
| 14-Oct-2009 | 06:00:00 | -29.13               | -26.38 | -8.45  | -26.72 | -3.76  | -24.81 | -31.91 | -30.24 |         |  |
| 14-Oct-2009 | 12:00:00 | -29.10               | -26.46 | -8.56  | -26.55 | -3.24  | -24.77 | -31.36 | -30.20 |         |  |
| 14-Oct-2009 | 18:00:00 | -29.06               | -26.43 | -8.46  | -26.13 | -1.58  | -24.72 | -31.71 | -29.20 |         |  |
| 14-Oct-2009 | 24:00:00 | -29.08               | -26.33 | -7.96  | -25.77 | -1.62  | -24.66 | -31.23 | -28.20 |         |  |
| 15-Oct-2009 | 06:00:00 | -28.95               | -25.72 | -7.75  | -25.48 | -1.66  | -24.70 | -32.09 | -27.14 |         |  |
| 15-Oct-2009 | 12:00:00 | -29.04               | -25.13 | -7.57  | -25.53 | -1.75  | -24.70 | -31.54 | -26.43 |         |  |
| 15-Oct-2009 | 18:00:00 | -28.94               | -24.54 | -7.57  | -25.48 | -1.76  | -24.77 | -31.80 | -25.56 |         |  |
| 15-Oct-2009 | 24:00:00 | -28.81               | -24.09 | -7.51  | -25.53 | -1.78  | -24.74 | -31.16 | -25.78 |         |  |
| 16-Oct-2009 | 06:00:00 | -28.57               | -23.96 | -7.55  | -25.64 | -1.88  | -24.77 | -31.61 | -25.96 |         |  |
| 16-Oct-2009 | 12:00:00 | -28.62               | -24.02 | -7.70  | -25.76 | -1.95  | -24.80 | -31.54 | -26.79 |         |  |
| 16-Oct-2009 | 18:00:00 | -28.77               | -24.06 | -7.82  | -26.12 | -2.02  | -24.65 | -31.68 | -27.68 |         |  |
| 16-Oct-2009 | 24:00:00 | -28.77               | -23.99 | -7.93  | -26.14 | -2.01  | -24.69 | -31.48 | -28.14 |         |  |
| 17-Oct-2009 | 06:00:00 | -29.12               | -24.28 | -7.92  | -26.18 | -2.10  | -24.71 | -31.56 | -28.38 |         |  |
| 17-Oct-2009 | 12:00:00 | -29.17               | -24.38 | -7.91  | -26.46 | -2.23  | -24.76 | -31.31 | -29.22 |         |  |
| 17-Oct-2009 | 18:00:00 | -29.25               | -24.58 | -8.16  | -26.51 | -2.32  | -24.76 | -31.73 | -29.78 |         |  |
| 17-Oct-2009 | 24:00:00 | -29.30               | -24.72 | -8.24  | -26.43 | -2.29  | -24.64 | -31.34 | -30.10 |         |  |
| 18-Oct-2009 | 06:00:00 | -29.26               | -24.93 | -8.24  | -26.44 | -2.35  | -24.65 | -31.79 | -29.88 |         |  |
| 18-Oct-2009 | 12:00:00 | -29.29               | -25.14 | -8.30  | -26.57 | -2.50  | -24.62 | -31.42 | -30.32 |         |  |
| 18-Oct-2009 | 18:00:00 | -29.30               | -25.38 | -8.39  | -26.84 | -2.53  | -24.71 | -31.77 | -30.74 |         |  |
| 18-Oct-2009 | 24:00:00 | -29.26               | -25.47 | -8.45  | -26.76 | -2.59  | -24.74 | -31.31 | -31.24 |         |  |
| 19-Oct-2009 | 06:00:00 | -29.38               | -25.70 | -8.54  | -26.92 | -2.66  | -24.82 | -31.85 | -31.46 |         |  |
| 19-Oct-2009 | 12:00:00 | -29.40               | -26.04 | -8.71  | -27.20 | -2.91  | -24.88 | -31.59 | -32.03 |         |  |
| 19-Oct-2009 | 18:00:00 | -29.44               | -26.32 | -8.90  | -27.39 | -2.97  | -24.77 | -31.88 | -32.46 |         |  |
| 19-Oct-2009 | 24:00:00 | -29.35               | -26.26 | -8.90  | -27.10 | -2.95  | -24.83 | -31.53 | -32.37 |         |  |
| 20-Oct-2009 | 06:00:00 | -29.34               | -26.44 | -8.80  | -27.02 | -3.08  | -24.78 | -31.88 | -31.88 |         |  |
| 20-Oct-2009 | 12:00:00 | -29.34               | -26.57 | -8.71  | -27.15 | -3.34  | -24.92 | -31.52 | -31.98 |         |  |
| 20-Oct-2009 | 18:00:00 | -29.31               | -26.84 | -8.88  | -27.53 | -3.42  | -24.83 | -31.59 | -32.73 |         |  |
| 20-Oct-2009 | 24:00:00 | -29.24               | -26.72 | -9.04  | -27.12 | -3.31  | -24.77 | -31.50 | -32.62 |         |  |
| 21-Oct-2009 | 06:00:00 | -29.16               | -26.78 | -8.81  | -27.12 | -3.37  | -24.86 | -31.84 | -32.38 |         |  |
| 21-Oct-2009 | 12:00:00 | -29.26               | -26.98 | -8.84  | -27.20 | -3.79  | -24.80 | -31.55 | -32.48 |         |  |
| 21-Oct-2009 | 18:00:00 | -29.30               | -27.15 | -8.99  | -27.74 | -3.97  | -24.81 | -31.71 | -33.14 |         |  |
| 21-Oct-2009 | 24:00:00 | -29.26               | -27.15 | -9.18  | -27.30 | -3.94  | -24.86 | -31.50 | -33.15 |         |  |
| 22-Oct-2009 | 06:00:00 | -29.25               | -27.18 | -9.08  | -27.21 | -3.81  | -24.68 | -31.94 | -32.56 |         |  |
| 22-Oct-2009 | 12:00:00 | -29.26               | -27.26 | -8.86  | -27.52 | -4.44  | -24.94 | -31.47 | -32.73 |         |  |
| 22-Oct-2009 | 18:00:00 | -29.34               | -27.50 | -9.17  | -27.88 | -4.63  | -24.82 | -31.84 | -32.94 |         |  |
| 22-Oct-2009 | 24:00:00 | -29.23               | -27.23 | -9.20  | -27.52 | -4.28  | -24.80 | -31.61 | -33.02 |         |  |
| 23-Oct-2009 | 06:00:00 | -29.24               | -27.30 | -9.14  | -27.28 | -4.18  | -24.84 | -31.95 | -32.45 |         |  |
| 23-Oct-2009 | 12:00:00 | -29.32               | -27.41 | -9.07  | -27.69 | -4.69  | -24.94 | -31.49 | -32.42 |         |  |
| 23-Oct-2009 | 18:00:00 | -29.44               | -27.57 | -9.25  | -27.95 | -4.86  | -24.77 | -31.78 | -32.91 |         |  |
| 23-Oct-2009 | 24:00:00 | -29.30               | -27.39 | -9.38  | -27.59 | -4.08  | -24.80 | -31.49 | -33.00 |         |  |
| 24-Oct-2009 | 06:00:00 | -29.30               | -27.50 | -9.24  | -27.34 | -3.90  | -24.80 | -31.91 | -32.46 |         |  |
| 24-Oct-2009 | 12:00:00 | -29.31               | -27.42 | -9.06  | -27.48 | -3.85  | -24.80 | -31.66 | -32.32 |         |  |
| 24-Oct-2009 | 18:00:00 | -29.30               | -27.51 | -9.20  | -27.82 | -4.35  | -24.65 | -31.73 | -32.63 |         |  |
| 24-Oct-2009 | 24:00:00 | -29.12               | -27.33 | -9.35  | -27.75 | -4.36  | -24.76 | -31.65 | -33.29 |         |  |
| 25-Oct-2009 | 06:00:00 | -29.24               | -27.57 | -9.42  | -27.75 | -4.46  | -24.86 | -31.79 | -33.83 |         |  |
| 25-Oct-2009 | 12:00:00 | -29.29               | -27.84 | -9.36  | -28.35 | -4.95  | -24.95 | -31.41 | -34.78 |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |  |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |  |
| 25-Oct-2009 | 18:00:00 | -29.47               | -28.11 | -9.76  | -28.52 | -5.35  | -24.82 | -31.62 | -35.16 |         |  |
| 25-Oct-2009 | 24:00:00 | -29.31               | -28.19 | -9.74  | -28.23 | -5.26  | -24.76 | -31.52 | -35.48 |         |  |
| 26-Oct-2009 | 06:00:00 | -29.32               | -28.47 | -9.68  | -28.01 | -5.23  | -24.88 | -31.83 | -35.21 |         |  |
| 26-Oct-2009 | 12:00:00 | -29.36               | -28.64 | -9.56  | -28.16 | -5.34  | -24.82 | -31.60 | -35.03 |         |  |
| 26-Oct-2009 | 18:00:00 | -29.32               | -28.70 | -9.49  | -27.94 | -4.22  | -24.94 | -31.76 | -34.71 |         |  |
| 26-Oct-2009 | 24:00:00 | -29.34               | -28.66 | -9.40  | -27.80 | -3.88  | -24.92 | -31.30 | -34.17 |         |  |
| 27-Oct-2009 | 06:00:00 | -29.40               | -28.65 | -9.37  | -27.62 | -3.55  | -24.74 | -31.77 | -33.38 |         |  |
| 27-Oct-2009 | 12:00:00 | -29.28               | -28.43 | -9.02  | -27.41 | -3.60  | -24.83 | -31.55 | -33.06 |         |  |
| 27-Oct-2009 | 18:00:00 | -29.18               | -28.41 | -8.99  | -27.36 | -2.73  | -24.82 | -31.96 | -32.67 |         |  |
| 27-Oct-2009 | 24:00:00 | -29.22               | -28.38 | -9.02  | -27.04 | -2.88  | -24.86 | -31.50 | -31.73 |         |  |
| 28-Oct-2009 | 06:00:00 | -29.31               | -28.20 | -8.84  | -26.93 | -1.45  | -24.96 | -31.86 | -30.17 |         |  |
| 28-Oct-2009 | 12:00:00 | -29.41               | -26.96 | -8.35  | -27.30 | -1.53  | -24.92 | -31.52 | -31.01 |         |  |
| 28-Oct-2009 | 18:00:00 | -29.31               | -26.88 | -8.65  | -27.58 | -1.56  | -24.77 | -31.70 | -32.13 |         |  |
| 28-Oct-2009 | 24:00:00 | -29.28               | -26.90 | -8.84  | -27.41 | -1.62  | -24.69 | -31.28 | -32.79 |         |  |
| 29-Oct-2009 | 06:00:00 | -29.31               | -27.22 | -8.81  | -27.56 | -1.66  | -24.68 | -31.82 | -33.17 |         |  |
| 29-Oct-2009 | 12:00:00 | -29.26               | -27.48 | -8.84  | -27.72 | -1.96  | -24.94 | -31.54 | -33.80 |         |  |
| 29-Oct-2009 | 18:00:00 | -29.42               | -27.81 | -9.19  | -27.80 | -2.10  | -24.80 | -31.70 | -34.04 |         |  |
| 29-Oct-2009 | 24:00:00 | -29.20               | -27.84 | -9.23  | -27.57 | -2.06  | -24.80 | -31.29 | -34.13 |         |  |
| 30-Oct-2009 | 06:00:00 | -29.22               | -27.78 | -9.13  | -27.57 | -2.04  | -24.75 | -31.73 | -33.75 |         |  |
| 30-Oct-2009 | 12:00:00 | -29.30               | -27.92 | -9.00  | -27.41 | -2.23  | -24.84 | -31.47 | -33.59 |         |  |
| 30-Oct-2009 | 18:00:00 | -29.32               | -27.93 | -9.01  | -27.27 | -2.08  | -24.74 | -31.71 | -32.97 |         |  |
| 30-Oct-2009 | 24:00:00 | -29.12               | -27.76 | -8.87  | -27.18 | -2.19  | -24.90 | -31.46 | -32.72 |         |  |
| 31-Oct-2009 | 06:00:00 | -29.35               | -27.77 | -8.94  | -27.08 | -2.04  | -24.90 | -31.70 | -31.89 |         |  |
| 31-Oct-2009 | 12:00:00 | -29.26               | -27.54 | -8.69  | -26.99 | -2.00  | -24.82 | -31.35 | -31.32 |         |  |
| 31-Oct-2009 | 18:00:00 | -29.23               | -27.47 | -8.69  | -27.14 | -1.95  | -24.70 | -31.76 | -31.23 |         |  |
| 31-Oct-2009 | 24:00:00 | -29.13               | -27.16 | -8.66  | -26.97 | -1.96  | -24.65 | -31.10 | -31.08 |         |  |
| 1-Nov-2009  | 06:00:00 | -29.00               | -26.99 | -8.60  | -27.09 | -2.16  | -24.72 | -31.67 | -31.01 |         |  |
| 1-Nov-2009  | 12:00:00 | -29.26               | -27.06 | -8.72  | -27.32 | -2.01  | -24.75 | -31.36 | -31.62 |         |  |
| 1-Nov-2009  | 18:00:00 | -29.20               | -27.22 | -8.93  | -27.53 | -2.04  | -24.76 | -31.84 | -32.02 |         |  |
| 1-Nov-2009  | 24:00:00 | -29.28               | -27.35 | -8.94  | -27.47 | -2.11  | -24.76 | -31.35 | -32.49 |         |  |
| 2-Nov-2009  | 06:00:00 | -29.31               | -27.63 | -8.89  | -27.54 | -2.12  | -24.75 | -31.88 | -32.52 |         |  |
| 2-Nov-2009  | 12:00:00 | -29.28               | -27.87 | -9.00  | -27.39 | -2.22  | -24.76 | -31.68 | -32.74 |         |  |
| 2-Nov-2009  | 18:00:00 | -29.29               | -27.84 | -8.93  | -27.68 | -2.24  | -24.83 | -31.73 | -33.00 |         |  |
| 2-Nov-2009  | 24:00:00 | -29.31               | -27.95 | -9.05  | -27.50 | -2.23  | -24.78 | -31.17 | -33.22 |         |  |
| 3-Nov-2009  | 06:00:00 | -29.34               | -28.07 | -9.00  | -27.53 | -2.24  | -24.78 | -31.77 | -33.06 |         |  |
| 3-Nov-2009  | 12:00:00 | -29.31               | -28.24 | -9.04  | -27.44 | -2.42  | -24.82 | -31.42 | -33.24 |         |  |
| 3-Nov-2009  | 18:00:00 | -29.28               | -28.28 | -8.99  | -27.92 | -2.41  | -24.82 | -31.68 | -33.70 |         |  |
| 3-Nov-2009  | 24:00:00 | -29.32               | -28.28 | -9.24  | -27.92 | -2.47  | -24.84 | -31.18 | -34.36 |         |  |
| 4-Nov-2009  | 06:00:00 | -29.32               | -28.53 | -9.26  | -27.93 | -2.35  | -24.77 | -31.90 | -34.67 |         |  |
| 4-Nov-2009  | 12:00:00 | -29.29               | -28.74 | -9.28  | -28.02 | -2.55  | -24.87 | -31.48 | -35.07 |         |  |
| 4-Nov-2009  | 18:00:00 | -29.34               | -29.01 | -9.46  | -28.08 | -2.42  | -24.80 | -31.80 | -34.91 |         |  |
| 4-Nov-2009  | 24:00:00 | -29.25               | -28.84 | -9.29  | -27.82 | -2.32  | -24.83 | -31.31 | -34.54 |         |  |
| 5-Nov-2009  | 06:00:00 | -29.23               | -28.88 | -9.19  | -27.89 | -2.32  | -24.87 | -31.91 | -34.11 |         |  |
| 5-Nov-2009  | 12:00:00 | -29.34               | -28.95 | -9.31  | -28.00 | -2.50  | -24.81 | -31.49 | -34.22 |         |  |
| 5-Nov-2009  | 18:00:00 | -29.42               | -29.14 | -9.29  | -28.46 | -2.55  | -24.78 | -31.77 | -34.80 |         |  |
| 5-Nov-2009  | 24:00:00 | -29.31               | -29.12 | -9.48  | -28.26 | -2.43  | -24.78 | -31.38 | -35.39 |         |  |
| 6-Nov-2009  | 06:00:00 | -29.31               | -29.34 | -9.38  | -28.36 | -2.46  | -24.80 | -31.80 | -35.66 |         |  |
| 6-Nov-2009  | 12:00:00 | -29.36               | -29.60 | -9.48  | -28.42 | -2.70  | -24.89 | -31.56 | -35.96 |         |  |
| 6-Nov-2009  | 18:00:00 | -29.41               | -29.74 | -9.58  | -28.54 | -2.58  | -24.77 | -31.71 | -36.11 |         |  |
| 6-Nov-2009  | 24:00:00 | -29.28               | -29.70 | -9.44  | -28.38 | -2.56  | -24.88 | -31.23 | -36.38 |         |  |
| 7-Nov-2009  | 06:00:00 | -29.40               | -29.84 | -9.50  | -27.99 | -2.48  | -24.86 | -31.78 | -35.93 |         |  |
| 7-Nov-2009  | 12:00:00 | -29.37               | -29.99 | -9.44  | -27.80 | -2.56  | -24.84 | -31.66 | -35.78 |         |  |
| 7-Nov-2009  | 18:00:00 | -29.38               | -30.12 | -9.29  | -28.04 | -2.62  | -24.94 | -31.94 | -35.82 |         |  |
| 7-Nov-2009  | 24:00:00 | -29.31               | -30.06 | -9.52  | -28.04 | -2.66  | -24.87 | -31.34 | -35.94 |         |  |
| 8-Nov-2009  | 06:00:00 | -29.37               | -30.15 | -9.56  | -28.08 | -2.70  | -24.96 | -31.79 | -35.70 |         |  |
| 8-Nov-2009  | 12:00:00 | -29.29               | -30.33 | -9.53  | -28.30 | -2.98  | -24.92 | -31.48 | -35.98 |         |  |
| 8-Nov-2009  | 18:00:00 | -29.54               | -30.50 | -9.61  | -28.40 | -2.82  | -24.84 | -31.64 | -36.56 |         |  |
| 8-Nov-2009  | 24:00:00 | -29.30               | -30.38 | -9.61  | -28.34 | -2.79  | -24.83 | -31.43 | -36.94 |         |  |
| 9-Nov-2009  | 06:00:00 | -29.40               | -30.51 | -9.60  | -28.37 | -2.88  | -24.92 | -31.82 | -36.94 |         |  |
| 9-Nov-2009  | 12:00:00 | -29.41               | -30.75 | -9.60  | -28.32 | -3.08  | -24.99 | -31.41 | -36.92 |         |  |
| 9-Nov-2009  | 18:00:00 | -29.52               | -30.84 | -9.64  | -28.55 | -2.98  | -24.88 | -31.80 | -37.08 |         |  |
| 9-Nov-2009  | 24:00:00 | -29.43               | -30.82 | -9.64  | -28.04 | -2.85  | -24.82 | -31.38 | -36.86 |         |  |
| 10-Nov-2009 | 06:00:00 | -29.37               | -30.74 | -9.37  | -28.08 | -2.88  | -24.99 | -31.90 | -36.18 |         |  |
| 10-Nov-2009 | 12:00:00 | -29.42               | -30.80 | -9.49  | -28.02 | -2.89  | -25.00 | -31.42 | -35.79 |         |  |
| 10-Nov-2009 | 18:00:00 | -29.42               | -30.75 | -9.52  | -27.98 | -1.50  | -24.78 | -31.74 | -35.31 |         |  |
| 10-Nov-2009 | 24:00:00 | -29.35               | -30.46 | -9.29  | -26.54 | -0.62  | -14.18 | 1.46   | -34.70 |         |  |
| 11-Nov-2009 | 06:00:00 | -29.44               | -29.27 | -7.93  | -25.89 | 0.12   | -2.55  | 1.54   | -32.79 |         |  |
| 11-Nov-2009 | 12:00:00 | -23.01               | -20.33 | -7.52  | -9.47  | 6.57   | 0.49   | 1.28   | 1.30   |         |  |
| 11-Nov-2009 | 18:00:00 | -0.16                | -3.72  | -5.38  | -16.68 | 5.74   | -1.08  | 1.08   | 2.34   |         |  |
| 11-Nov-2009 | 24:00:00 | -0.67                | -1.80  | -4.32  | -11.48 | 5.27   | -1.05  | 0.64   | 2.50   |         |  |

| Date        | Time     | Water Level (inches) |        |        |        |        |        |        |        |         |
|-------------|----------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|             |          | BD AW1               | BD AW2 | BD AW3 | BD AW4 | BD AW5 | BD AW6 | BD AW7 | BD AW8 | Ambient |
| 12-Nov-2009 | 06:00:00 | 0.63                 | -1.48  | -3.89  | -15.58 | 5.10   | -1.37  | -0.06  | 2.67   |         |
| 12-Nov-2009 | 12:00:00 | -0.52                | -1.71  | -3.58  | -20.84 | 4.20   | -2.10  | -0.44  | 1.90   |         |
| 12-Nov-2009 | 18:00:00 | -2.20                | -1.98  | -3.49  | -22.20 | 3.64   | -1.40  | -0.74  | 1.05   |         |
| 12-Nov-2009 | 24:00:00 | -2.05                | -2.10  | -3.55  | -22.38 | 3.20   | -2.13  | -0.86  | 0.10   |         |
| 13-Nov-2009 | 06:00:00 | -3.15                | -2.46  | -3.80  | -22.77 | 2.91   | -2.82  | -1.20  | -0.29  |         |
| 13-Nov-2009 | 12:00:00 | -4.24                | -2.81  | -3.95  | -22.96 | 2.52   | -3.23  | -1.42  | -0.69  |         |
| 13-Nov-2009 | 18:00:00 | -5.18                | -3.29  | -4.19  | -23.14 | 2.06   | -3.75  | -1.38  | -0.81  |         |
| 13-Nov-2009 | 24:00:00 | -5.64                | -3.69  | -4.42  | -23.31 | 1.71   | -4.05  | -1.28  | -0.93  |         |
| 14-Nov-2009 | 06:00:00 | -5.98                | -4.16  | -4.45  | -23.48 | 1.31   | -4.38  | -1.89  | -0.99  |         |
| 14-Nov-2009 | 12:00:00 | -6.39                | -4.71  | -4.76  | -23.54 | 1.05   | -4.66  | -1.85  | -1.01  |         |
| 14-Nov-2009 | 18:00:00 | -6.50                | -4.97  | -4.74  | -23.58 | 0.76   | -5.06  | -1.89  | -1.02  |         |
| 14-Nov-2009 | 24:00:00 | -6.79                | -5.50  | -4.79  | -23.63 | 0.51   | -5.24  | -1.82  | -1.22  |         |
| 15-Nov-2009 | 06:00:00 | -6.88                | -5.90  | -4.80  | -23.76 | 0.26   | -5.49  | -2.56  | -1.38  |         |
| 15-Nov-2009 | 12:00:00 | -7.12                | -6.27  | -4.88  | -23.87 | -0.07  | -5.69  | -2.50  | -1.48  |         |
| 15-Nov-2009 | 18:00:00 | -7.30                | -6.69  | -5.00  | -24.02 | -0.21  | -6.04  | -2.73  | -1.92  |         |
| 15-Nov-2009 | 24:00:00 | -7.44                | -7.10  | -5.10  | -24.05 | -0.42  | -6.59  | -2.50  | -2.25  |         |
| 16-Nov-2009 | 06:00:00 | -7.60                | -7.56  | -5.18  | -23.94 | -0.61  | -6.66  | -3.10  | -2.58  |         |
| 16-Nov-2009 | 12:00:00 | -7.54                | -7.97  | -5.12  | -24.14 | -0.80  | -6.94  | -2.92  | -2.94  |         |
| 16-Nov-2009 | 18:00:00 | -7.88                | -8.39  | -5.15  | -24.04 | -0.58  | -7.28  | -3.42  | -3.42  |         |
| 16-Nov-2009 | 24:00:00 | -8.01                | -8.74  | -5.04  | -24.03 | -0.61  | -7.64  |        | -3.83  |         |
| 17-Nov-2009 | 06:00:00 | -7.90                | -9.06  | -5.03  | -24.17 | -0.81  | -8.08  |        | -4.43  |         |
| 17-Nov-2009 | 12:00:00 | -8.06                | -9.58  | -5.26  |        |        |        |        |        |         |
| 17-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 17-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 18-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 19-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 20-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 21-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 22-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 23-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 24-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 25-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 26-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 27-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Nov-2009 | 18:00:00 |                      |        |        |        |        |        |        |        |         |
| 28-Nov-2009 | 24:00:00 |                      |        |        |        |        |        |        |        |         |
| 29-Nov-2009 | 06:00:00 |                      |        |        |        |        |        |        |        |         |
| 29-Nov-2009 | 12:00:00 |                      |        |        |        |        |        |        |        |         |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 | On-site<br>Manual<br>Rainguage | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |     |     |     |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 1-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 1-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 1-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 1-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 2-Jan-2009  |         |         |         |     |     |     |                                |                           |                           | 0.02                             |                             |
| 2-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 2-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 2-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 3-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 3-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 3-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 3-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 4-Jan-2009  |         |         |         |     |     |     |                                |                           |                           | 0.33                             |                             |
| 4-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 4-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 4-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 5-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 5-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 5-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 5-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Jan-2009  |         |         |         |     |     |     |                                |                           |                           | 0.28                             |                             |
| 6-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Jan-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 11-Jan-2009 |         |         |         |     |     |     |                                |                           |                           | 0.15                             |                             |
| 11-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 11-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 11-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 18-Jan-2009 |         |         |         |     |     |     |                                |                           |                           | 0.18                             |                             |
| 18-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 | On-site<br>Manual<br>Raingauge | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |     |     |     |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 18-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 18-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 19-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 19-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 19-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 20-Jan-2009 |         |         |         |     |     |     |                                |                           |                           | 0.32                             |                             |
| 20-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 20-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 20-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 21-Jan-2009 |         |         |         |     |     |     |                                |                           |                           | 0.01                             |                             |
| 21-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 21-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 21-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 21-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 22-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 22-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 22-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 22-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 23-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 23-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 23-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 23-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 24-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 24-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 24-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 24-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 25-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 25-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 25-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 26-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 26-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 26-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 26-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 27-Jan-2009 |         |         |         |     |     |     |                                |                           |                           | 0.01                             |                             |
| 27-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 27-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 27-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 27-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 28-Jan-2009 |         |         |         |     |     |     |                                |                           |                           | 0.18                             |                             |
| 28-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 28-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 28-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 29-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 29-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 29-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 29-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 30-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 30-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 30-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 31-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 31-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 31-Jan-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 31-Jan-2009 |         |         |         |     |     |     |                                |                           |                           | 1.48                             |                             |
| 1-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 1-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 1-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 1-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 1-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 2-Feb-2009  |         |         |         |     |     |     |                                |                           |                           | 0.07                             |                             |
| 2-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 2-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 2-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 3-Feb-2009  |         |         |         |     |     |     |                                |                           |                           | 0.06                             |                             |
| 3-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 3-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 3-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 4-Feb-2009  |         |         |         |     |     |     |                                |                           |                           | 0.13                             |                             |
| 4-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 4-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 4-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 | On-site<br>Manual<br>Rainguage | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |     |     |     |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 5-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 5-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 5-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 5-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 6-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 7-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 8-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 9-Feb-2009  |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 10-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 11-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 11-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 11-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 11-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 12-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 13-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 14-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 15-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 16-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 17-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 18-Feb-2009 |         |         |         |     |     |     |                                |                           |                           | 0.62                             |                             |
| 18-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 18-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 18-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 19-Feb-2009 |         |         |         |     |     |     |                                |                           |                           | 0.02                             |                             |
| 19-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 19-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 19-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 20-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 20-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 20-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 20-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 21-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 21-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 21-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |
| 22-Feb-2009 |         |         |         |     |     |     |                                |                           |                           | 0.02                             |                             |
| 22-Feb-2009 |         |         |         |     |     |     |                                |                           |                           |                                  |                             |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  | On-site<br>Manual<br>Rainguage | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|------|------|------|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |      |      |      |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 22-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 22-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 23-Feb-2009 |         |         |         | 0.00 | 0.00 | 0.40 | ---                            |                           |                           |                                  |                             |
| 23-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 23-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 25-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 25-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 25-Feb-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 26-Feb-2009 | -0.98   | 0.00    | -2.81   |      |      |      |                                |                           |                           |                                  |                             |
| 26-Feb-2009 | -0.99   | -1.75   | -2.80   |      |      |      |                                |                           |                           |                                  |                             |
| 26-Feb-2009 | -0.98   | -1.85   | -2.83   |      |      |      |                                |                           |                           |                                  |                             |
| 26-Feb-2009 | -1.05   | -1.75   | -2.62   |      |      |      |                                |                           |                           |                                  |                             |
| 27-Feb-2009 | -1.13   | -1.87   | -2.71   |      |      |      |                                |                           |                           |                                  |                             |
| 27-Feb-2009 | -1.10   | -1.99   | -2.77   |      |      |      |                                |                           |                           |                                  |                             |
| 27-Feb-2009 | -0.92   | -2.12   | -2.88   |      |      |      |                                |                           |                           |                                  |                             |
| 27-Feb-2009 | -0.92   | -2.11   | -2.81   |      |      |      |                                |                           |                           |                                  |                             |
| 28-Feb-2009 | -0.14   | -2.01   | -2.68   |      |      |      |                                |                           |                           | 0.91                             |                             |
| 28-Feb-2009 | 5.40    | -1.71   | -2.17   |      |      |      |                                |                           |                           |                                  |                             |
| 28-Feb-2009 | 5.46    | -0.57   | -0.66   |      |      |      |                                |                           |                           |                                  |                             |
| 28-Feb-2009 | 4.07    | 2.46    | 0.17    |      |      |      |                                |                           |                           |                                  | 1.83                        |
| 1-Mar-2009  | 4.56    | 1.49    | -0.49   |      |      |      |                                |                           |                           |                                  | 0.82                        |
| 1-Mar-2009  | 9.82    | 0.59    | -0.91   |      |      |      |                                |                           |                           |                                  |                             |
| 1-Mar-2009  | 7.47    | 1.97    | -0.25   |      |      |      |                                |                           |                           |                                  |                             |
| 1-Mar-2009  | 6.22    | 4.60    | 2.91    |      |      |      |                                |                           |                           |                                  |                             |
| 2-Mar-2009  | 4.93    | 3.12    | 1.55    |      |      |      |                                |                           |                           |                                  | 0.04                        |
| 2-Mar-2009  | 3.91    | 1.80    | -0.54   |      |      |      |                                |                           |                           |                                  |                             |
| 2-Mar-2009  | 3.19    | 0.66    | -0.90   |      |      |      |                                |                           |                           |                                  |                             |
| 2-Mar-2009  | 2.55    | -0.01   | -0.95   |      |      |      |                                |                           |                           |                                  |                             |
| 3-Mar-2009  | 2.26    | -0.49   | -1.17   |      |      |      |                                |                           |                           |                                  |                             |
| 3-Mar-2009  | 2.03    | -0.77   | -1.26   |      |      |      |                                |                           |                           |                                  |                             |
| 3-Mar-2009  | 1.71    | -0.81   | -1.38   |      |      |      |                                |                           |                           |                                  |                             |
| 3-Mar-2009  | 1.61    | -0.84   | -1.43   |      |      |      |                                |                           |                           |                                  |                             |
| 4-Mar-2009  | 1.48    | -0.96   | -1.66   |      |      |      |                                |                           |                           |                                  |                             |
| 4-Mar-2009  | 1.51    | -1.26   | -1.92   |      |      |      |                                |                           |                           |                                  |                             |
| 4-Mar-2009  | 1.60    | -1.20   | -1.85   |      |      |      |                                |                           |                           |                                  |                             |
| 4-Mar-2009  | 1.49    | -1.07   | -1.91   |      |      |      |                                |                           |                           |                                  |                             |
| 5-Mar-2009  | 1.43    | -1.09   | -1.99   |      |      |      |                                |                           |                           |                                  |                             |
| 5-Mar-2009  | 1.35    | -1.13   | -2.04   |      |      |      |                                |                           |                           |                                  |                             |
| 5-Mar-2009  | 1.35    | -1.26   | -2.17   |      |      |      |                                |                           |                           |                                  |                             |
| 5-Mar-2009  | 1.19    | -1.34   | -2.31   |      |      |      |                                |                           |                           |                                  |                             |
| 6-Mar-2009  | 1.02    | -1.21   | -2.37   |      |      |      |                                |                           |                           |                                  |                             |
| 6-Mar-2009  | 0.82    | -1.26   | -2.46   |      |      |      |                                |                           |                           |                                  |                             |
| 6-Mar-2009  | 0.94    | -1.43   | -2.61   |      |      |      |                                |                           |                           |                                  |                             |
| 6-Mar-2009  | 0.81    | -1.52   | -2.68   |      |      |      |                                |                           |                           |                                  |                             |
| 7-Mar-2009  | 0.65    | -1.34   | -2.52   |      |      |      |                                |                           |                           |                                  |                             |
| 7-Mar-2009  | 0.65    | -1.51   | -2.73   |      |      |      |                                |                           |                           |                                  |                             |
| 7-Mar-2009  | 0.72    | -1.79   | -2.99   |      |      |      |                                |                           |                           |                                  |                             |
| 7-Mar-2009  | 0.85    | -1.71   | -2.92   |      |      |      |                                |                           |                           |                                  |                             |
| 8-Mar-2009  | 0.58    | -1.71   | -2.92   |      |      |      |                                |                           |                           |                                  |                             |
| 8-Mar-2009  | 0.42    | -1.64   | -2.83   |      |      |      |                                |                           |                           |                                  |                             |
| 8-Mar-2009  | 0.58    | -1.98   | -3.30   |      |      |      |                                |                           |                           |                                  |                             |
| 8-Mar-2009  | 0.48    | -1.99   | -3.25   |      |      |      |                                |                           |                           |                                  |                             |
| 9-Mar-2009  | 0.04    | -1.95   | -3.01   |      |      |      |                                |                           |                           |                                  |                             |
| 9-Mar-2009  | 0.04    | -2.00   | -3.06   |      |      |      |                                |                           |                           |                                  |                             |
| 9-Mar-2009  | 0.21    | -2.36   | -3.59   |      |      |      |                                |                           |                           |                                  |                             |
| 9-Mar-2009  | 0.06    | -2.43   | -3.67   |      |      |      |                                |                           |                           |                                  |                             |
| 10-Mar-2009 | 0.10    | -2.41   | -3.58   |      |      |      |                                |                           |                           | 0.21                             |                             |
| 10-Mar-2009 | -0.01   | -2.48   | -3.73   |      |      |      |                                |                           |                           |                                  |                             |
| 10-Mar-2009 | 0.06    | -2.70   | -3.78   |      |      |      |                                |                           |                           |                                  |                             |
| 10-Mar-2009 | -0.13   | -2.89   | -3.91   |      |      |      |                                |                           |                           |                                  |                             |
| 11-Mar-2009 | -0.14   | -2.66   | -3.81   |      |      |      |                                |                           |                           |                                  |                             |
| 11-Mar-2009 | -0.30   | -2.83   | -3.84   |      |      |      |                                |                           |                           |                                  |                             |
| 11-Mar-2009 | -0.06   | -2.89   | -3.93   |      |      |      |                                |                           |                           |                                  |                             |
| 11-Mar-2009 | -0.13   | -3.17   | -4.33   |      |      |      |                                |                           |                           |                                  |                             |

|             |         |         |         |      |      |      |                          |                        | Weather Station Rainfall Data |                     |                       |
|-------------|---------|---------|---------|------|------|------|--------------------------|------------------------|-------------------------------|---------------------|-----------------------|
| Date        |         |         |         |      |      |      | On-site Manual Rainguage | On-site Auto Rainguage | On-site Auto RG Totals        | Dunn Daily Rainfall | Dunn Monthly Rainfall |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  |                          |                        |                               |                     |                       |
| 12-Mar-2009 | -0.32   | -2.84   | -3.96   |      |      |      |                          |                        |                               |                     |                       |
| 12-Mar-2009 | -0.29   | -3.02   | -4.00   |      |      |      |                          |                        |                               |                     |                       |
| 12-Mar-2009 | -0.51   | -3.45   | -4.31   |      |      |      |                          |                        |                               |                     |                       |
| 12-Mar-2009 | -0.49   | -3.72   | -4.38   |      |      |      |                          |                        |                               |                     |                       |
| 13-Mar-2009 | -0.55   | -3.91   | -4.49   |      |      |      |                          |                        |                               | 0.41                |                       |
| 13-Mar-2009 | -0.23   | -3.98   | -4.53   |      |      |      |                          |                        |                               |                     |                       |
| 13-Mar-2009 | 0.03    | -3.24   | -3.91   |      |      |      |                          |                        |                               |                     |                       |
| 13-Mar-2009 | -0.05   | -2.09   | -2.29   |      |      |      |                          |                        |                               |                     |                       |
| 14-Mar-2009 | -0.05   | -1.65   | -2.47   |      |      |      |                          |                        |                               | 0.15                |                       |
| 14-Mar-2009 | 0.12    | -1.77   | -2.73   |      |      |      |                          |                        |                               |                     |                       |
| 14-Mar-2009 | 0.22    | -1.73   | -2.65   |      |      |      |                          |                        |                               |                     |                       |
| 14-Mar-2009 | 0.52    | -1.51   | -1.95   |      |      |      |                          |                        |                               |                     |                       |
| 15-Mar-2009 | 0.84    | -1.21   | -2.04   |      |      |      |                          |                        |                               | 0.41                |                       |
| 15-Mar-2009 | 2.11    | -0.95   | -1.73   |      |      |      |                          |                        |                               |                     |                       |
| 15-Mar-2009 | 2.32    | -0.61   | -1.32   |      |      |      |                          |                        |                               |                     |                       |
| 15-Mar-2009 | 2.47    | -0.57   | -1.54   |      |      |      |                          |                        |                               |                     |                       |
| 16-Mar-2009 | 2.34    | -0.05   | -1.20   |      |      |      |                          |                        |                               | 0.21                |                       |
| 16-Mar-2009 | 2.87    | -0.03   | -1.42   |      |      |      |                          |                        |                               |                     |                       |
| 16-Mar-2009 | 2.99    | -0.39   | -1.45   |      |      |      |                          |                        |                               |                     |                       |
| 16-Mar-2009 | 2.77    | 0.40    | -1.41   |      |      |      |                          |                        |                               |                     |                       |
| 17-Mar-2009 | 2.39    | 0.20    | -1.37   |      |      |      |                          |                        |                               |                     |                       |
| 17-Mar-2009 | 2.21    | -0.24   | -1.39   |      |      |      |                          |                        |                               |                     |                       |
| 17-Mar-2009 | 2.14    | -0.75   | -1.68   |      |      |      |                          |                        |                               |                     |                       |
| 17-Mar-2009 | 2.02    | -0.93   | -1.75   |      |      |      |                          |                        |                               |                     |                       |
| 18-Mar-2009 | 1.81    | -0.87   | -1.56   |      |      |      |                          |                        |                               |                     |                       |
| 18-Mar-2009 | 1.57    | -0.90   | -1.67   |      |      |      |                          |                        |                               |                     |                       |
| 18-Mar-2009 | 1.62    | -1.04   | -1.81   |      |      |      |                          |                        |                               |                     |                       |
| 18-Mar-2009 | 1.56    | -1.20   | -2.07   |      |      |      |                          |                        |                               |                     |                       |
| 19-Mar-2009 | 1.30    | -1.10   | -1.95   |      |      |      |                          |                        |                               | 0.24                |                       |
| 19-Mar-2009 | 1.17    | -1.20   | -2.07   |      |      |      |                          |                        |                               |                     |                       |
| 19-Mar-2009 | 1.45    | -1.29   | -2.28   |      |      |      |                          |                        |                               |                     |                       |
| 19-Mar-2009 | 2.14    | -1.37   | -2.38   |      |      |      |                          |                        |                               |                     |                       |
| 20-Mar-2009 | 1.96    | -0.86   | -1.37   |      |      |      |                          |                        |                               | 0.10                |                       |
| 20-Mar-2009 | 1.83    | -0.84   | -1.39   |      |      |      |                          |                        |                               |                     |                       |
| 20-Mar-2009 | 1.90    | -1.15   | -1.63   |      |      |      |                          |                        |                               |                     |                       |
| 20-Mar-2009 | 1.74    | -1.17   | -1.83   |      |      |      |                          |                        |                               |                     |                       |
| 21-Mar-2009 | 1.56    | -1.15   | -1.93   |      |      |      |                          |                        |                               |                     |                       |
| 21-Mar-2009 | 1.63    | -1.35   | -2.19   |      |      |      |                          |                        |                               |                     |                       |
| 21-Mar-2009 | 1.32    | -1.39   | -2.29   |      |      |      |                          |                        |                               |                     |                       |
| 21-Mar-2009 | 1.31    | -1.44   | -2.16   |      |      |      |                          |                        |                               |                     |                       |
| 22-Mar-2009 | 1.06    | -1.63   | -2.49   |      |      |      |                          |                        |                               |                     |                       |
| 22-Mar-2009 | 1.03    | -1.67   | -2.37   |      |      |      |                          |                        |                               |                     |                       |
| 22-Mar-2009 | 1.00    | -1.80   | -2.67   |      |      |      |                          |                        |                               |                     |                       |
| 22-Mar-2009 | 0.91    | -1.77   | -2.63   |      |      |      |                          |                        |                               |                     |                       |
| 23-Mar-2009 | 0.69    | -1.86   | -2.76   |      |      |      |                          |                        |                               |                     |                       |
| 23-Mar-2009 | 0.66    | -1.95   | -2.86   |      |      |      |                          |                        |                               |                     |                       |
| 23-Mar-2009 | 0.71    | -2.12   | -3.09   |      |      |      |                          |                        |                               |                     |                       |
| 23-Mar-2009 | 0.67    | -2.12   | -3.00   |      |      |      |                          |                        |                               |                     |                       |
| 24-Mar-2009 | 0.81    | -2.19   | -3.12   | 0.00 | 0.00 | 0.65 | 4.47                     |                        |                               |                     |                       |
| 24-Mar-2009 | 0.76    | -2.17   | -3.04   |      |      |      |                          |                        |                               |                     |                       |
| 24-Mar-2009 | 0.71    | -1.69   | -3.03   |      |      |      |                          |                        |                               |                     |                       |
| 24-Mar-2009 | 0.54    | -2.87   | -3.01   |      |      |      |                          |                        |                               |                     |                       |
| 25-Mar-2009 | 0.51    | -2.13   | -3.06   |      |      |      |                          |                        |                               |                     |                       |
| 25-Mar-2009 | 0.65    | -2.83   | -3.12   |      |      |      |                          |                        |                               |                     |                       |
| 25-Mar-2009 | 0.57    | -3.53   | -3.39   |      |      |      |                          |                        |                               |                     |                       |
| 25-Mar-2009 | 0.66    | -4.47   | -3.28   |      |      |      |                          |                        |                               |                     |                       |
| 26-Mar-2009 | 0.60    | -5.43   | -3.21   |      |      |      |                          |                        |                               | 0.13                |                       |
| 26-Mar-2009 | 0.72    | -6.47   | -2.80   |      |      |      |                          |                        |                               |                     |                       |
| 26-Mar-2009 | 0.88    | -7.27   | -2.81   |      |      |      |                          |                        |                               |                     |                       |
| 26-Mar-2009 | 0.75    | -8.48   | -2.79   |      |      |      |                          |                        |                               |                     |                       |
| 27-Mar-2009 | 0.65    | -8.23   | -2.70   |      |      |      |                          |                        |                               | 0.44                |                       |
| 27-Mar-2009 | 1.67    | -8.30   | -2.77   |      |      |      |                          |                        |                               |                     |                       |
| 27-Mar-2009 | 4.89    | -8.23   | -2.83   |      |      |      |                          |                        |                               |                     |                       |
| 27-Mar-2009 | 4.53    | -7.34   | -0.79   |      |      |      |                          |                        |                               |                     |                       |
| 28-Mar-2009 | 3.72    | -6.39   | -0.79   |      |      |      |                          |                        |                               | 0.67                |                       |
| 28-Mar-2009 | 4.75    | -7.27   | -1.32   |      |      |      |                          |                        |                               |                     |                       |
| 28-Mar-2009 | 6.65    | -7.75   | -1.60   |      |      |      |                          |                        |                               |                     |                       |
| 28-Mar-2009 | 5.41    | -8.19   | -1.08   |      |      |      |                          |                        |                               |                     |                       |
| 29-Mar-2009 | 4.56    | -8.73   | -1.19   |      |      |      |                          |                        |                               | 0.01                |                       |
| 29-Mar-2009 | 3.99    | -10.43  | -1.32   |      |      |      |                          |                        |                               |                     |                       |

|             |         |         |         |     |     |     |                          |                        | Weather Station Rainfall Data |                     |                       |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------|------------------------|-------------------------------|---------------------|-----------------------|
| Date        |         |         |         |     |     |     | On-site Manual Rainguage | On-site Auto Rainguage | On-site Auto RG Totals        | Dunn Daily Rainfall | Dunn Monthly Rainfall |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 |                          |                        |                               |                     |                       |
| 29-Mar-2009 | 3.58    | -12.23  | -1.73   |     |     |     |                          |                        |                               |                     |                       |
| 29-Mar-2009 | 3.52    | -12.24  | -2.08   |     |     |     |                          |                        |                               |                     |                       |
| 30-Mar-2009 | 3.23    | -8.75   | -2.21   |     |     |     |                          |                        |                               |                     |                       |
| 30-Mar-2009 | 2.94    | -7.16   | -2.20   |     |     |     |                          |                        |                               |                     |                       |
| 30-Mar-2009 | 2.87    | -6.47   | -2.33   |     |     |     |                          |                        |                               |                     |                       |
| 30-Mar-2009 | 2.70    | -6.69   | -2.56   |     |     |     |                          |                        |                               |                     |                       |
| 31-Mar-2009 | 2.53    | -5.70   | -2.46   |     |     |     |                          |                        |                               |                     |                       |
| 31-Mar-2009 | 2.45    | -5.04   | -2.65   |     |     |     |                          |                        |                               |                     |                       |
| 31-Mar-2009 | 2.43    | -4.70   | -2.92   |     |     |     |                          |                        |                               |                     |                       |
| 31-Mar-2009 | 2.39    | -6.03   | -2.81   |     |     |     |                          |                        |                               |                     | 3.84                  |
| 1-Apr-2009  | 2.21    | -6.21   | -2.71   |     |     |     |                          |                        |                               |                     |                       |
| 1-Apr-2009  | 2.16    | -7.39   | -2.76   |     |     |     |                          |                        |                               |                     |                       |
| 1-Apr-2009  | 2.21    | -7.05   | -2.80   |     |     |     |                          |                        |                               |                     |                       |
| 1-Apr-2009  | 2.03    | -7.80   | -2.76   |     |     |     |                          |                        |                               |                     |                       |
| 2-Apr-2009  | 1.99    | -7.46   | -2.68   |     |     |     |                          |                        |                               |                     | 0.13                  |
| 2-Apr-2009  | 2.28    | -7.87   | -2.88   |     |     |     |                          |                        |                               |                     |                       |
| 2-Apr-2009  | 2.28    | -8.37   | -2.63   |     |     |     |                          |                        |                               |                     |                       |
| 2-Apr-2009  | 2.31    | -10.22  | -2.19   |     |     |     |                          |                        |                               |                     |                       |
| 3-Apr-2009  | 2.05    | -12.31  | -2.16   |     |     |     |                          |                        |                               |                     | 0.03                  |
| 3-Apr-2009  | 1.86    | -14.52  | -2.22   |     |     |     |                          |                        |                               |                     |                       |
| 3-Apr-2009  | 1.80    | -14.22  | -2.61   |     |     |     |                          |                        |                               |                     |                       |
| 3-Apr-2009  | 1.72    | -13.04  | -2.83   |     |     |     |                          |                        |                               |                     |                       |
| 4-Apr-2009  | 1.61    | -9.89   | -2.82   |     |     |     |                          |                        |                               |                     |                       |
| 4-Apr-2009  | 1.32    | -8.35   | -2.86   |     |     |     |                          |                        |                               |                     |                       |
| 4-Apr-2009  | 1.39    | -8.05   | -3.19   |     |     |     |                          |                        |                               |                     |                       |
| 4-Apr-2009  | 1.51    | -8.97   | -3.47   |     |     |     |                          |                        |                               |                     |                       |
| 5-Apr-2009  | 1.24    | -8.24   | -3.30   |     |     |     |                          |                        |                               |                     |                       |
| 5-Apr-2009  | 1.18    | -7.91   | -3.36   |     |     |     |                          |                        |                               |                     |                       |
| 5-Apr-2009  | 1.07    | -8.94   | -3.71   |     |     |     |                          |                        |                               |                     |                       |
| 5-Apr-2009  | 1.00    | -10.77  | -3.82   |     |     |     |                          |                        |                               |                     |                       |
| 6-Apr-2009  | 0.99    | -11.79  | -3.67   |     |     |     |                          |                        |                               |                     | 0.19                  |
| 6-Apr-2009  | 0.88    | -14.52  | -3.67   |     |     |     |                          |                        |                               |                     |                       |
| 6-Apr-2009  | 0.77    | -15.91  | -2.89   |     |     |     |                          |                        |                               |                     |                       |
| 6-Apr-2009  | 0.70    | -15.03  | -3.27   |     |     |     |                          |                        |                               |                     |                       |
| 7-Apr-2009  | 0.46    | -12.86  | -3.36   |     |     |     |                          |                        |                               |                     |                       |
| 7-Apr-2009  | 0.31    | -12.43  | -3.40   |     |     |     |                          |                        |                               |                     |                       |
| 7-Apr-2009  | 0.30    | -11.95  | -3.79   |     |     |     |                          |                        |                               |                     |                       |
| 7-Apr-2009  | 0.25    | -11.47  | -4.01   |     |     |     |                          |                        |                               |                     |                       |
| 8-Apr-2009  | -0.02   | -9.63   | -4.12   |     |     |     |                          |                        |                               |                     |                       |
| 8-Apr-2009  | 0.07    | -8.94   | -4.12   |     |     |     |                          |                        |                               |                     |                       |
| 8-Apr-2009  | -0.05   | -9.81   | -4.50   |     |     |     |                          |                        |                               |                     |                       |
| 8-Apr-2009  | -0.02   | -11.58  | -4.54   |     |     |     |                          |                        |                               |                     |                       |
| 9-Apr-2009  | -0.24   | -10.95  | -4.59   |     |     |     |                          |                        |                               |                     |                       |
| 9-Apr-2009  | -0.24   | -10.56  | -4.61   |     |     |     |                          |                        |                               |                     |                       |
| 9-Apr-2009  | -0.31   | -9.85   | -5.04   |     |     |     |                          |                        |                               |                     |                       |
| 9-Apr-2009  | -0.25   | -10.81  | -5.29   |     |     |     |                          |                        |                               |                     |                       |
| 10-Apr-2009 | -0.48   | -10.08  | -5.31   |     |     |     |                          |                        |                               |                     | 0.05                  |
| 10-Apr-2009 | -0.45   | -10.11  | -5.22   |     |     |     |                          |                        |                               |                     |                       |
| 10-Apr-2009 | -0.19   | -10.08  | -6.00   |     |     |     |                          |                        |                               |                     |                       |
| 10-Apr-2009 | -0.09   | -12.47  | -6.70   |     |     |     |                          |                        |                               |                     |                       |
| 11-Apr-2009 | -0.39   | -10.51  | -5.33   |     |     |     |                          |                        |                               |                     | 0.03                  |
| 11-Apr-2009 | -0.38   | -11.54  | -4.14   |     |     |     |                          |                        |                               |                     |                       |
| 11-Apr-2009 | -0.44   | -11.79  | -4.86   |     |     |     |                          |                        |                               |                     |                       |
| 11-Apr-2009 | -0.32   | -10.92  | -5.39   |     |     |     |                          |                        |                               |                     |                       |
| 12-Apr-2009 | -0.62   | -8.75   | -5.56   |     |     |     |                          |                        |                               |                     |                       |
| 12-Apr-2009 | -0.85   | -7.55   | -5.69   |     |     |     |                          |                        |                               |                     |                       |
| 12-Apr-2009 | -0.75   | -7.91   | -6.63   |     |     |     |                          |                        |                               |                     |                       |
| 12-Apr-2009 | -0.80   | -10.04  | -8.49   |     |     |     |                          |                        |                               |                     |                       |
| 13-Apr-2009 | -0.86   | -9.12   | -8.62   |     |     |     |                          |                        |                               |                     |                       |
| 13-Apr-2009 | -0.90   | -8.87   | -8.63   |     |     |     |                          |                        |                               |                     |                       |
| 13-Apr-2009 | -0.95   | -9.71   | -7.95   |     |     |     |                          |                        |                               |                     |                       |
| 13-Apr-2009 | -0.72   | -12.09  | -8.59   |     |     |     |                          |                        |                               |                     |                       |
| 14-Apr-2009 | -0.79   | -13.27  | -8.27   |     |     |     |                          |                        |                               |                     | 0.10                  |
| 14-Apr-2009 | -0.77   | -14.55  | -7.74   |     |     |     |                          |                        |                               |                     |                       |
| 14-Apr-2009 | 1.24    | -14.78  | -8.02   |     |     |     |                          |                        |                               |                     |                       |
| 14-Apr-2009 | 1.95    | -16.91  | -8.65   |     |     |     |                          |                        |                               |                     |                       |
| 15-Apr-2009 | 1.43    | -8.69   | -1.60   |     |     |     |                          |                        |                               |                     |                       |
| 15-Apr-2009 | 1.11    | -7.55   | -1.71   |     |     |     |                          |                        |                               |                     |                       |
| 15-Apr-2009 | 0.70    | -7.46   | -2.11   |     |     |     |                          |                        |                               |                     |                       |
| 15-Apr-2009 | 0.51    | -6.77   | -2.22   |     |     |     |                          |                        |                               |                     |                       |

|             |         |         |         |      |      |      |                          |                        | Weather Station Rainfall Data |                     |                       |
|-------------|---------|---------|---------|------|------|------|--------------------------|------------------------|-------------------------------|---------------------|-----------------------|
| Date        |         |         |         |      |      |      | On-site Manual Raingauge | On-site Auto Rainguage | On-site Auto RG Totals        | Dunn Daily Rainfall | Dunn Monthly Rainfall |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  |                          |                        |                               |                     |                       |
| 16-Apr-2009 | 0.24    | -4.79   | -2.46   |      |      |      |                          |                        |                               |                     |                       |
| 16-Apr-2009 | -0.03   | -3.57   | -2.56   |      |      |      |                          |                        |                               |                     |                       |
| 16-Apr-2009 | -0.09   | -3.20   | -2.81   |      |      |      |                          |                        |                               |                     |                       |
| 16-Apr-2009 | -0.29   | -3.35   | -3.18   |      |      |      |                          |                        |                               |                     |                       |
| 17-Apr-2009 | -0.43   | -2.47   | -3.22   |      |      |      |                          |                        |                               |                     |                       |
| 17-Apr-2009 | -0.51   | -1.58   | -3.41   |      |      |      |                          |                        |                               |                     |                       |
| 17-Apr-2009 | -0.57   | -2.10   | -3.64   |      |      |      |                          |                        |                               |                     |                       |
| 17-Apr-2009 | -0.53   | -3.86   | -3.69   |      |      |      |                          |                        |                               |                     |                       |
| 18-Apr-2009 | -0.72   | -3.72   | -3.71   |      |      |      |                          |                        |                               | 0.03                |                       |
| 18-Apr-2009 | -0.80   | -4.41   | -3.72   |      |      |      |                          |                        |                               |                     |                       |
| 18-Apr-2009 | -0.84   | -5.34   | -4.11   |      |      |      |                          |                        |                               |                     |                       |
| 18-Apr-2009 | -0.83   | -7.21   | -4.32   |      |      |      |                          |                        |                               |                     |                       |
| 19-Apr-2009 | -1.04   | -6.96   | -4.38   |      |      |      |                          |                        |                               |                     |                       |
| 19-Apr-2009 | -1.07   | -7.35   | -4.32   |      |      |      |                          |                        |                               |                     |                       |
| 19-Apr-2009 | -1.01   | -8.17   | -4.65   |      |      |      |                          |                        |                               |                     |                       |
| 19-Apr-2009 | -0.99   | -9.26   | -4.69   |      |      |      |                          |                        |                               |                     |                       |
| 20-Apr-2009 | -1.02   | -9.53   | -4.69   |      |      |      |                          |                        |                               |                     |                       |
| 20-Apr-2009 | -0.97   | -10.88  | -4.69   |      |      |      |                          |                        |                               |                     |                       |
| 20-Apr-2009 | -0.86   | -11.81  | -4.91   |      |      |      |                          |                        |                               |                     |                       |
| 20-Apr-2009 | -0.92   | -11.88  | -3.45   |      |      |      |                          |                        |                               |                     |                       |
| 21-Apr-2009 | -1.15   | -10.67  | -4.08   | 0.00 | 0.00 | 0.30 | 3.22                     |                        |                               |                     |                       |
| 21-Apr-2009 | -1.51   | -10.70  | -4.24   |      |      |      |                          |                        |                               |                     |                       |
| 21-Apr-2009 | -1.39   | -11.81  | -4.59   |      |      |      |                          |                        |                               |                     |                       |
| 21-Apr-2009 | -1.53   | -12.91  | -5.04   |      |      |      |                          |                        |                               |                     |                       |
| 22-Apr-2009 | -1.88   | -11.88  | -4.95   |      |      |      |                          |                        |                               |                     |                       |
| 22-Apr-2009 | -2.03   | -11.22  | -5.22   |      |      |      |                          |                        |                               |                     |                       |
| 22-Apr-2009 | -2.07   | -10.70  | -6.03   |      |      |      |                          |                        |                               |                     |                       |
| 22-Apr-2009 | -2.18   | -11.51  | -7.29   |      |      |      |                          |                        |                               |                     |                       |
| 23-Apr-2009 | -2.52   | -10.59  | -7.67   |      |      |      |                          |                        |                               |                     |                       |
| 23-Apr-2009 | -2.64   | -10.15  | -7.79   |      |      |      |                          |                        |                               |                     |                       |
| 23-Apr-2009 | -2.55   | -10.67  | -9.48   |      |      |      |                          |                        |                               |                     |                       |
| 23-Apr-2009 | -2.69   | -12.21  | -12.59  |      |      |      |                          |                        |                               |                     |                       |
| 24-Apr-2009 | -2.91   | -10.81  | -12.65  |      |      |      |                          |                        |                               |                     |                       |
| 24-Apr-2009 | -2.97   | -10.11  | -12.71  |      |      |      |                          |                        |                               |                     |                       |
| 24-Apr-2009 | -2.96   | -10.97  | -13.75  |      |      |      |                          |                        |                               |                     |                       |
| 24-Apr-2009 | -2.87   | -12.47  | -16.00  |      |      |      |                          |                        |                               |                     |                       |
| 25-Apr-2009 | -3.21   | -11.15  | -16.29  |      |      |      |                          |                        |                               |                     |                       |
| 25-Apr-2009 | -3.44   | -10.97  | -15.95  |      |      |      |                          |                        |                               |                     |                       |
| 25-Apr-2009 | -3.21   | -11.77  | -17.13  |      |      |      |                          |                        |                               |                     |                       |
| 25-Apr-2009 | -3.23   | -14.01  | -19.25  |      |      |      |                          |                        |                               |                     |                       |
| 26-Apr-2009 | -3.48   | -13.02  | -19.90  |      |      |      |                          |                        |                               |                     |                       |
| 26-Apr-2009 | -3.83   | -12.95  | -20.43  |      |      |      |                          |                        |                               |                     |                       |
| 26-Apr-2009 | -3.56   | -13.91  | -20.98  |      |      |      |                          |                        |                               |                     |                       |
| 26-Apr-2009 | -3.39   | -15.92  | -21.84  |      |      |      |                          |                        |                               |                     |                       |
| 27-Apr-2009 | -3.99   | -14.85  | -22.31  |      |      |      |                          |                        |                               |                     |                       |
| 27-Apr-2009 | -4.19   | -14.64  | -22.66  |      |      |      |                          |                        |                               |                     |                       |
| 27-Apr-2009 | -3.97   | -15.41  | -23.10  |      |      |      |                          |                        |                               |                     |                       |
| 27-Apr-2009 | -3.86   | -17.28  | -23.22  |      |      |      |                          |                        |                               |                     |                       |
| 28-Apr-2009 | -4.47   | -16.88  | -23.53  |      |      |      |                          |                        |                               |                     |                       |
| 28-Apr-2009 | -4.52   | -17.24  | -23.85  |      |      |      |                          |                        |                               |                     |                       |
| 28-Apr-2009 | -4.27   | -17.99  | -24.29  |      |      |      |                          |                        |                               |                     |                       |
| 28-Apr-2009 | -4.16   | -20.07  | -24.28  |      |      |      |                          |                        |                               |                     |                       |
| 29-Apr-2009 | -4.65   | -20.18  | -24.45  |      |      |      |                          |                        |                               |                     |                       |
| 29-Apr-2009 | -4.62   | -20.23  | -24.60  |      |      |      |                          |                        |                               |                     |                       |
| 29-Apr-2009 | -4.41   | -21.21  | -24.85  |      |      |      |                          |                        |                               |                     |                       |
| 29-Apr-2009 | -4.34   | -22.44  | -24.91  |      |      |      |                          |                        |                               |                     |                       |
| 30-Apr-2009 | -4.49   | -21.29  | -25.15  |      |      |      |                          |                        |                               |                     |                       |
| 30-Apr-2009 | -4.79   | -21.25  | -25.36  |      |      |      |                          |                        |                               |                     |                       |
| 30-Apr-2009 | -4.49   | -21.55  | -25.50  |      |      |      |                          |                        |                               |                     |                       |
| 30-Apr-2009 | -4.33   | -23.79  | -25.49  |      |      |      |                          |                        |                               | 0.56                |                       |
| 1-May-2009  | -4.87   | -24.13  | -25.55  |      |      |      |                          |                        |                               | 0.09                |                       |
| 1-May-2009  | -4.67   | -24.53  | -25.63  |      |      |      |                          |                        |                               |                     |                       |
| 1-May-2009  | -4.45   | -25.45  | -25.83  |      |      |      |                          |                        |                               |                     |                       |
| 1-May-2009  | -4.40   | -27.39  | -25.89  |      |      |      |                          |                        |                               |                     |                       |
| 2-May-2009  | -4.75   | -27.43  | -25.95  |      |      |      |                          |                        |                               | 0.04                |                       |
| 2-May-2009  | -5.05   | -28.16  | -25.89  |      |      |      |                          |                        |                               |                     |                       |
| 2-May-2009  | -4.20   | -28.43  | -26.08  |      |      |      |                          |                        |                               |                     |                       |
| 2-May-2009  | -4.25   | -29.57  | -26.20  |      |      |      |                          |                        | 0.04                          |                     |                       |
| 3-May-2009  | -4.75   | -29.01  | -26.23  |      |      |      |                          |                        |                               |                     |                       |
| 3-May-2009  | -5.12   | -28.61  | -26.44  |      |      |      |                          |                        |                               |                     |                       |

|             |         |         |         |     |     |     |                          |                        | Weather Station Rainfall Data |                       |  |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------|------------------------|-------------------------------|-----------------------|--|
| Date        |         |         |         |     |     |     | On-site Manual Rainguage | On-site Auto RG Totals | Dunn Daily Rainfall           | Dunn Monthly Rainfall |  |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 |                          |                        |                               |                       |  |
| 3-May-2009  | -4.76   | -28.87  | -26.58  |     |     |     |                          |                        |                               |                       |  |
| 3-May-2009  | -4.64   | -30.23  | -26.64  |     |     |     | 0.04                     |                        |                               |                       |  |
| 4-May-2009  | -5.67   | -29.53  | -26.80  |     |     |     |                          |                        | 0.30                          |                       |  |
| 4-May-2009  | -5.84   | -29.60  | -26.87  |     |     |     |                          |                        |                               |                       |  |
| 4-May-2009  | -4.16   | -29.53  | -27.36  |     |     |     |                          |                        |                               |                       |  |
| 4-May-2009  | -4.23   | -29.57  | -27.46  |     |     |     | 0.11                     |                        |                               |                       |  |
| 5-May-2009  | -3.32   | -28.83  | -27.47  |     |     |     |                          |                        | 0.32                          |                       |  |
| 5-May-2009  | -3.47   | -28.69  | -27.64  |     |     |     |                          |                        |                               |                       |  |
| 5-May-2009  | -3.63   | -28.28  | -27.90  |     |     |     |                          |                        |                               |                       |  |
| 5-May-2009  | -3.54   | -26.77  | -27.83  |     |     |     | 0.36                     |                        |                               |                       |  |
| 6-May-2009  | -3.98   | -23.06  | -28.01  |     |     |     |                          |                        |                               |                       |  |
| 6-May-2009  | -4.27   | -21.63  | -27.90  |     |     |     |                          |                        |                               |                       |  |
| 6-May-2009  | -4.27   | -21.74  | -28.19  |     |     |     |                          |                        |                               |                       |  |
| 6-May-2009  | -3.02   | -23.69  | -28.21  |     |     |     |                          |                        |                               |                       |  |
| 7-May-2009  | -0.42   | -23.58  | -28.36  |     |     |     |                          |                        | 0.29                          |                       |  |
| 7-May-2009  | -0.87   | -23.99  | -28.41  |     |     |     |                          |                        |                               |                       |  |
| 7-May-2009  | -1.13   | -7.32   | -5.25   |     |     |     |                          |                        |                               |                       |  |
| 7-May-2009  | -1.38   | -8.94   | -6.53   |     |     |     | 1.12                     |                        |                               |                       |  |
| 8-May-2009  | -1.88   | -8.31   | -7.01   |     |     |     |                          |                        | 0.02                          |                       |  |
| 8-May-2009  | -2.16   | -7.92   | -6.79   |     |     |     |                          |                        |                               |                       |  |
| 8-May-2009  | -2.36   | -8.35   | -8.02   |     |     |     |                          |                        |                               |                       |  |
| 8-May-2009  | -2.60   | -9.31   | -9.77   |     |     |     | 0.06                     |                        |                               |                       |  |
| 9-May-2009  | -3.05   | -8.97   | -10.53  |     |     |     |                          |                        |                               |                       |  |
| 9-May-2009  | -3.48   | -8.90   | -11.13  |     |     |     |                          |                        |                               |                       |  |
| 9-May-2009  | -3.33   | -9.53   | -12.79  |     |     |     |                          |                        |                               |                       |  |
| 9-May-2009  | -3.43   | -10.79  | -14.38  |     |     |     | 0.02                     |                        |                               |                       |  |
| 10-May-2009 | -3.62   | -9.60   | -15.22  |     |     |     |                          |                        |                               |                       |  |
| 10-May-2009 | -3.83   | -8.54   | -15.93  |     |     |     |                          |                        |                               |                       |  |
| 10-May-2009 | -3.67   | -7.91   | -16.71  |     |     |     |                          |                        |                               |                       |  |
| 10-May-2009 | -3.81   | -9.20   | -17.35  |     |     |     |                          |                        |                               |                       |  |
| 11-May-2009 | -3.32   | -9.31   | -17.75  |     |     |     |                          |                        | 0.11                          |                       |  |
| 11-May-2009 | -3.56   | -9.65   | -18.23  |     |     |     |                          |                        |                               |                       |  |
| 11-May-2009 | -3.49   | -7.03   | -18.73  |     |     |     |                          |                        |                               |                       |  |
| 11-May-2009 | -3.83   | -33.21  | -19.03  |     |     |     | 0.15                     |                        |                               |                       |  |
| 12-May-2009 | -4.11   | -33.21  | -19.38  |     |     |     |                          |                        |                               |                       |  |
| 12-May-2009 | -4.34   | -33.21  | -20.04  |     |     |     |                          |                        |                               |                       |  |
| 12-May-2009 | -4.09   | -33.21  | -20.40  |     |     |     |                          |                        |                               |                       |  |
| 12-May-2009 | -4.16   | -33.21  | -21.03  |     |     |     |                          |                        |                               |                       |  |
| 13-May-2009 | -4.59   | -33.21  | -21.43  |     |     |     |                          |                        |                               |                       |  |
| 13-May-2009 | -4.98   | -33.21  | -21.84  |     |     |     |                          |                        |                               |                       |  |
| 13-May-2009 | -4.58   | -33.21  | -22.41  |     |     |     |                          |                        |                               |                       |  |
| 13-May-2009 | -4.59   | -33.21  | -22.85  |     |     |     |                          |                        |                               |                       |  |
| 14-May-2009 | -4.68   | -33.21  | -23.11  |     |     |     |                          |                        |                               |                       |  |
| 14-May-2009 | -5.28   | -33.21  | -23.51  |     |     |     |                          |                        |                               |                       |  |
| 14-May-2009 | -4.89   | -33.21  | -23.74  |     |     |     |                          |                        |                               |                       |  |
| 14-May-2009 | -4.73   | -33.21  | -24.18  |     |     |     |                          |                        |                               |                       |  |
| 15-May-2009 | -5.34   | -33.21  | -24.46  |     |     |     |                          |                        |                               |                       |  |
| 15-May-2009 | -5.82   | -33.21  | -24.77  |     |     |     |                          |                        |                               |                       |  |
| 15-May-2009 | -5.25   | -33.21  | -25.02  |     |     |     |                          |                        |                               |                       |  |
| 15-May-2009 | -5.11   | -33.21  | -25.38  |     |     |     |                          |                        |                               |                       |  |
| 16-May-2009 | -6.33   | -33.21  | -25.61  |     |     |     |                          |                        | 0.04                          |                       |  |
| 16-May-2009 | -3.23   | -33.21  | -25.80  |     |     |     |                          |                        |                               |                       |  |
| 16-May-2009 | -3.39   | -33.21  | -26.21  |     |     |     |                          |                        |                               |                       |  |
| 16-May-2009 | -3.42   | -33.21  | -26.27  |     |     |     | 0.64                     |                        |                               |                       |  |
| 17-May-2009 | -2.93   | -33.21  | -26.33  |     |     |     |                          |                        | 0.33                          |                       |  |
| 17-May-2009 | -2.79   | -33.21  | -26.39  |     |     |     |                          |                        |                               |                       |  |
| 17-May-2009 | -2.85   | -33.21  | -26.57  |     |     |     |                          |                        |                               |                       |  |
| 17-May-2009 | -2.76   | -33.21  | -25.02  |     |     |     | 0.45                     |                        |                               |                       |  |
| 18-May-2009 | -3.05   | -33.21  | -23.11  |     |     |     |                          |                        | 0.07                          |                       |  |
| 18-May-2009 | -3.27   | -33.21  | -20.80  |     |     |     |                          |                        |                               |                       |  |
| 18-May-2009 | -3.36   | -33.21  | -13.29  |     |     |     |                          |                        |                               |                       |  |
| 18-May-2009 | -3.36   | -33.21  | -13.61  |     |     |     | 0.13                     |                        |                               |                       |  |
| 19-May-2009 | -3.74   | -33.21  | -15.07  |     |     |     |                          |                        |                               |                       |  |
| 19-May-2009 | -4.13   | -33.21  | -16.15  |     |     |     |                          |                        |                               |                       |  |
| 19-May-2009 | -3.85   | -33.21  | -17.45  |     |     |     |                          |                        |                               |                       |  |
| 19-May-2009 | -3.98   | -33.21  | -18.72  |     |     |     |                          |                        |                               |                       |  |
| 20-May-2009 | -4.55   | -33.21  | -19.48  |     |     |     |                          |                        |                               |                       |  |
| 20-May-2009 | -4.82   | -33.21  | -20.16  |     |     |     |                          |                        |                               |                       |  |
| 20-May-2009 | -4.47   | -33.21  | -20.83  |     |     |     |                          |                        |                               |                       |  |
| 20-May-2009 | -4.35   | -33.21  | -21.47  |     |     |     |                          |                        |                               |                       |  |

|             |         |         |         |      |      |      |                          |                        | Weather Station Rainfall Data |                     |                       |
|-------------|---------|---------|---------|------|------|------|--------------------------|------------------------|-------------------------------|---------------------|-----------------------|
| Date        |         |         |         |      |      |      | On-site Manual Raingauge | On-site Auto Rainguage | On-site Auto RG Totals        | Dunn Daily Rainfall | Dunn Monthly Rainfall |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  |                          |                        |                               |                     |                       |
| 21-May-2009 | -5.23   | -33.21  | -21.90  |      |      |      |                          |                        |                               |                     |                       |
| 21-May-2009 | -5.82   | -33.21  | -22.29  |      |      |      |                          |                        |                               |                     |                       |
| 21-May-2009 | -5.21   | -33.21  | -22.97  |      |      |      |                          |                        |                               |                     |                       |
| 21-May-2009 | -5.23   | -33.21  | -23.38  |      |      |      |                          |                        |                               |                     |                       |
| 22-May-2009 | -6.11   | -33.21  | -23.59  |      |      |      |                          |                        |                               |                     |                       |
| 22-May-2009 | -6.37   | -33.21  | -24.12  |      |      |      |                          |                        |                               |                     |                       |
| 22-May-2009 | -5.91   | -33.21  | -24.57  |      |      |      |                          |                        |                               |                     |                       |
| 22-May-2009 | -5.76   | -33.21  | -24.82  |      |      |      |                          |                        |                               |                     |                       |
| 23-May-2009 | -6.57   | -33.21  | -25.14  |      |      |      |                          |                        |                               |                     |                       |
| 23-May-2009 | -7.07   | -33.21  | -25.42  |      |      |      |                          |                        |                               |                     |                       |
| 23-May-2009 | -6.65   | -33.21  | -25.86  |      |      |      |                          |                        |                               |                     |                       |
| 23-May-2009 | -6.44   | -33.21  | -26.14  |      |      |      |                          |                        |                               |                     |                       |
| 24-May-2009 | -7.10   | -33.21  | -26.49  |      |      |      |                          |                        | 0.02                          |                     |                       |
| 24-May-2009 | -5.15   | -33.21  | -26.75  |      |      |      |                          |                        |                               |                     |                       |
| 24-May-2009 | -5.41   | -33.21  | -27.12  |      |      |      |                          |                        |                               |                     |                       |
| 24-May-2009 | -5.51   | -33.21  | -27.21  |      |      |      |                          | 0.18                   |                               |                     |                       |
| 25-May-2009 | -5.00   | -33.21  | -27.39  |      |      |      |                          |                        |                               | 0.06                |                       |
| 25-May-2009 | -5.84   | -33.21  | -27.70  |      |      |      |                          |                        |                               |                     |                       |
| 25-May-2009 | -5.85   | -33.21  | -27.77  |      |      |      |                          |                        |                               |                     |                       |
| 25-May-2009 | -5.78   | -33.21  | -27.87  |      |      |      |                          | 0.06                   |                               |                     |                       |
| 26-May-2009 | -4.10   | -33.21  | -28.03  |      |      |      |                          |                        |                               | 0.30                |                       |
| 26-May-2009 | -3.90   | -33.21  | -28.29  |      |      |      |                          |                        |                               |                     |                       |
| 26-May-2009 | -4.04   | -33.21  | -28.43  |      |      |      |                          |                        |                               |                     |                       |
| 26-May-2009 | -4.25   | -33.21  | -27.91  |      |      |      |                          | 0.31                   |                               |                     |                       |
| 27-May-2009 | -5.03   | -33.21  | -26.63  | 0.00 | 0.00 | 0.00 | 3.30                     |                        |                               |                     |                       |
| 27-May-2009 | -5.89   | -33.21  | -26.33  |      |      |      |                          |                        |                               |                     |                       |
| 27-May-2009 | -5.77   | -33.21  | -26.40  |      |      |      |                          |                        |                               |                     |                       |
| 27-May-2009 | -5.73   | -11.85  | -26.89  |      |      |      |                          |                        |                               |                     |                       |
| 28-May-2009 | -6.33   | -11.78  | -27.22  |      |      |      |                          |                        |                               | 0.17                |                       |
| 28-May-2009 | -6.73   | -11.96  | -27.51  |      |      |      |                          |                        |                               |                     |                       |
| 28-May-2009 | -5.61   | -13.27  | -27.87  |      |      |      |                          |                        |                               |                     |                       |
| 28-May-2009 | -5.90   | -14.66  | -28.03  |      |      |      |                          | 0.07                   |                               |                     |                       |
| 29-May-2009 | -6.66   | -13.17  | -28.14  |      |      |      |                          |                        |                               | 0.01                |                       |
| 29-May-2009 | -7.63   | -13.41  | -28.59  |      |      |      |                          |                        |                               |                     |                       |
| 29-May-2009 | -7.28   | -14.64  | -28.89  |      |      |      |                          |                        |                               |                     |                       |
| 29-May-2009 | -7.20   | -16.61  | -28.92  |      |      |      |                          | 0.01                   |                               |                     |                       |
| 30-May-2009 | -8.59   | -16.97  | -29.13  |      |      |      |                          |                        |                               |                     |                       |
| 30-May-2009 | -9.55   | -17.27  | -29.39  |      |      |      |                          |                        |                               |                     |                       |
| 30-May-2009 | -8.84   | -18.32  | -29.79  |      |      |      |                          |                        |                               |                     |                       |
| 30-May-2009 | -8.47   | -19.85  | -29.93  |      |      |      |                          |                        |                               |                     |                       |
| 31-May-2009 | -10.14  | -20.40  | -30.09  |      |      |      |                          |                        |                               |                     |                       |
| 31-May-2009 | -11.18  | -20.75  | -30.40  |      |      |      |                          |                        |                               |                     |                       |
| 31-May-2009 | -10.13  | -21.43  | -30.78  |      |      |      |                          |                        |                               |                     |                       |
| 31-May-2009 | -9.91   | -22.26  | -30.83  |      |      |      |                          |                        | 3.75                          |                     | 2.17                  |
| 1-Jun-2009  | -11.96  | -22.53  | -30.95  |      |      |      |                          |                        |                               |                     |                       |
| 1-Jun-2009  | -13.61  | -22.79  | -31.09  |      |      |      |                          |                        |                               |                     |                       |
| 1-Jun-2009  | -12.69  | -23.43  | -31.66  |      |      |      |                          |                        |                               |                     |                       |
| 1-Jun-2009  | -12.48  | -23.94  | -31.86  |      |      |      |                          |                        |                               |                     |                       |
| 2-Jun-2009  | -14.22  | -24.06  | -31.99  |      |      |      |                          |                        |                               |                     |                       |
| 2-Jun-2009  | -15.65  | -24.26  | -32.13  |      |      |      |                          |                        |                               |                     |                       |
| 2-Jun-2009  | -15.31  | -24.66  | -32.49  |      |      |      |                          |                        |                               |                     |                       |
| 2-Jun-2009  | -15.11  | -24.90  | -32.62  |      |      |      |                          |                        |                               |                     |                       |
| 3-Jun-2009  | -16.34  | -25.03  | -32.80  |      |      |      |                          |                        |                               |                     |                       |
| 3-Jun-2009  | -17.94  | -25.21  | -33.09  |      |      |      |                          |                        |                               |                     |                       |
| 3-Jun-2009  | -17.65  | -25.51  | -33.33  |      |      |      |                          |                        |                               |                     |                       |
| 3-Jun-2009  | -17.57  | -25.69  | -33.40  |      |      |      |                          |                        |                               |                     |                       |
| 4-Jun-2009  | -18.17  | -25.73  | -33.67  |      |      |      |                          |                        |                               |                     |                       |
| 4-Jun-2009  | -18.48  | -26.03  | -33.90  |      |      |      |                          |                        |                               |                     |                       |
| 4-Jun-2009  | -4.17   | -26.18  | -34.15  |      |      |      |                          |                        |                               |                     |                       |
| 4-Jun-2009  | -4.49   | -26.16  | -34.17  |      |      |      |                          | 0.99                   |                               |                     |                       |
| 5-Jun-2009  | -5.09   | -3.29   | -19.21  |      |      |      |                          |                        |                               |                     |                       |
| 5-Jun-2009  | -5.91   | -3.48   | -19.67  |      |      |      |                          |                        |                               |                     |                       |
| 5-Jun-2009  | -6.30   | -4.31   | -20.79  |      |      |      |                          |                        |                               |                     |                       |
| 5-Jun-2009  | -6.33   | -5.37   | -21.83  |      |      |      |                          | 0.01                   |                               |                     |                       |
| 6-Jun-2009  | -6.92   | -6.01   | -22.87  |      |      |      |                          |                        |                               |                     |                       |
| 6-Jun-2009  | -7.46   | -6.49   | -23.71  |      |      |      |                          |                        |                               |                     |                       |
| 6-Jun-2009  | -7.28   | -7.87   | -24.70  |      |      |      |                          |                        |                               |                     |                       |
| 6-Jun-2009  | -7.28   | -9.67   | -25.33  |      |      |      |                          |                        |                               |                     |                       |
| 7-Jun-2009  | -8.01   | -9.93   | -25.83  |      |      |      |                          |                        |                               |                     |                       |
| 7-Jun-2009  | -9.00   | -10.26  | -26.46  |      |      |      |                          |                        |                               |                     |                       |

|             |         |         |         |      |      |      |                          |                        | Weather Station Rainfall Data |                       |  |
|-------------|---------|---------|---------|------|------|------|--------------------------|------------------------|-------------------------------|-----------------------|--|
| Date        |         |         |         |      |      |      | On-site Manual Rainguage | On-site Auto RG Totals | Dunn Daily Rainfall           | Dunn Monthly Rainfall |  |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  |                          |                        |                               |                       |  |
| 7-Jun-2009  | -8.52   | -11.25  | -27.04  |      |      |      |                          |                        |                               |                       |  |
| 7-Jun-2009  | -8.36   | -13.41  | -27.69  |      |      |      |                          |                        |                               |                       |  |
| 8-Jun-2009  | -9.57   | -13.74  | -27.93  |      |      |      |                          |                        |                               |                       |  |
| 8-Jun-2009  | -11.15  | -14.07  | -28.35  |      |      |      |                          |                        |                               |                       |  |
| 8-Jun-2009  | -10.28  | -14.90  | -29.09  |      |      |      |                          |                        |                               |                       |  |
| 8-Jun-2009  | -10.08  | -16.26  | -29.45  |      |      |      |                          |                        |                               |                       |  |
| 9-Jun-2009  | -11.83  | -16.74  | -29.70  |      |      |      |                          |                        |                               |                       |  |
| 9-Jun-2009  | -11.21  | -17.12  | -30.01  |      |      |      |                          |                        |                               |                       |  |
| 9-Jun-2009  | -8.61   | -18.08  | -30.67  |      |      |      |                          |                        |                               |                       |  |
| 9-Jun-2009  | -8.84   | -18.81  | -30.93  |      |      |      | 0.13                     |                        |                               |                       |  |
| 10-Jun-2009 | -9.98   | -18.39  | -31.33  |      |      |      |                          |                        | 0.10                          |                       |  |
| 10-Jun-2009 | -12.25  | -17.23  | -31.48  |      |      |      |                          |                        |                               |                       |  |
| 10-Jun-2009 | -10.83  | -17.69  | -31.69  |      |      |      |                          |                        |                               |                       |  |
| 10-Jun-2009 | -10.25  | -19.19  | -32.11  |      |      |      | 0.03                     |                        |                               |                       |  |
| 11-Jun-2009 | -11.51  | -19.61  | -32.20  |      |      |      |                          |                        |                               |                       |  |
| 11-Jun-2009 | -13.76  | -19.63  | -32.52  |      |      |      |                          |                        |                               |                       |  |
| 11-Jun-2009 | -13.51  | -19.97  | -32.83  |      |      |      |                          |                        |                               |                       |  |
| 11-Jun-2009 | -13.45  | -20.59  | -33.28  |      |      |      | 0.06                     |                        |                               |                       |  |
| 12-Jun-2009 | -15.25  | -21.01  | -33.47  |      |      |      |                          |                        |                               |                       |  |
| 12-Jun-2009 | -17.12  | -21.21  | -33.75  |      |      |      |                          |                        |                               |                       |  |
| 12-Jun-2009 | -16.99  | -21.75  | -34.09  |      |      |      |                          |                        |                               |                       |  |
| 12-Jun-2009 | -16.97  | -22.34  | -34.31  |      |      |      |                          |                        |                               |                       |  |
| 13-Jun-2009 | -18.03  | -22.51  | -34.37  |      |      |      |                          |                        |                               |                       |  |
| 13-Jun-2009 | -19.77  | -22.83  | -34.57  |      |      |      |                          |                        |                               |                       |  |
| 13-Jun-2009 | -19.38  | -23.28  | -34.54  |      |      |      |                          |                        |                               |                       |  |
| 13-Jun-2009 | -19.39  | -23.75  | -34.59  |      |      |      |                          |                        |                               |                       |  |
| 14-Jun-2009 | -19.43  | -23.93  | -34.33  |      |      |      |                          |                        |                               |                       |  |
| 14-Jun-2009 | -19.38  | -24.00  | -34.38  |      |      |      |                          |                        |                               |                       |  |
| 14-Jun-2009 | -19.37  | -24.56  | -34.47  |      |      |      |                          |                        |                               |                       |  |
| 14-Jun-2009 | -19.45  | -24.97  | -34.42  |      |      |      |                          |                        |                               |                       |  |
| 15-Jun-2009 | -19.52  | -25.15  | -34.41  |      |      |      |                          |                        |                               |                       |  |
| 15-Jun-2009 | -19.44  | -25.38  | -34.43  |      |      |      |                          |                        |                               |                       |  |
| 15-Jun-2009 | -10.92  | -25.75  | -34.43  |      |      |      |                          |                        |                               |                       |  |
| 15-Jun-2009 | -9.73   | -26.11  | -34.50  |      |      |      | 0.51                     |                        |                               |                       |  |
| 16-Jun-2009 | -9.71   | -25.89  | -34.29  |      |      |      |                          |                        | 0.07                          |                       |  |
| 16-Jun-2009 | -6.11   | -25.97  | -34.41  |      |      |      |                          |                        |                               |                       |  |
| 16-Jun-2009 | -6.60   | -25.68  | -34.37  |      |      |      |                          |                        |                               |                       |  |
| 16-Jun-2009 | -6.92   | -17.96  | -34.30  |      |      |      | 0.32                     |                        |                               |                       |  |
| 17-Jun-2009 | -7.61   | -16.21  | -34.27  |      |      |      |                          |                        |                               |                       |  |
| 17-Jun-2009 | -8.84   | -15.89  | -34.29  |      |      |      |                          |                        |                               |                       |  |
| 17-Jun-2009 | -7.38   | -16.14  | -34.43  |      |      |      |                          |                        |                               |                       |  |
| 17-Jun-2009 | -6.42   | -16.58  | -34.30  |      |      |      | 0.08                     |                        |                               |                       |  |
| 18-Jun-2009 | -6.83   | -16.82  | -34.19  |      |      |      |                          |                        | 0.26                          |                       |  |
| 18-Jun-2009 | -8.89   | -16.81  | -34.32  |      |      |      |                          |                        |                               |                       |  |
| 18-Jun-2009 | -8.87   | -16.10  | -34.41  |      |      |      |                          |                        |                               |                       |  |
| 18-Jun-2009 | -9.27   | -16.45  | -34.27  |      |      |      | 0.01                     |                        |                               |                       |  |
| 19-Jun-2009 | -11.06  | -16.81  | -34.24  |      |      |      |                          |                        |                               |                       |  |
| 19-Jun-2009 | -13.11  | -17.46  | -34.38  |      |      |      |                          |                        |                               |                       |  |
| 19-Jun-2009 | -12.91  | -18.25  | -34.43  |      |      |      |                          |                        |                               |                       |  |
| 19-Jun-2009 | -13.05  | -19.05  | -34.33  |      |      |      |                          |                        |                               |                       |  |
| 20-Jun-2009 | -14.58  | -19.50  | -34.37  |      |      |      |                          |                        |                               |                       |  |
| 20-Jun-2009 | -17.06  | -19.93  | -34.41  |      |      |      |                          |                        |                               |                       |  |
| 20-Jun-2009 | -17.10  | -20.54  | -34.50  |      |      |      |                          |                        |                               |                       |  |
| 20-Jun-2009 | -17.15  | -21.25  | -34.48  |      |      |      |                          |                        |                               |                       |  |
| 21-Jun-2009 | -18.23  | -21.56  | -34.39  |      |      |      |                          |                        |                               |                       |  |
| 21-Jun-2009 | -19.47  | -21.81  | -34.38  |      |      |      |                          |                        |                               |                       |  |
| 21-Jun-2009 | -19.50  | -22.49  | -34.43  |      |      |      |                          |                        |                               |                       |  |
| 21-Jun-2009 | -19.46  | -23.05  | -34.37  |      |      |      |                          |                        |                               |                       |  |
| 22-Jun-2009 | -19.55  | -23.31  | -34.35  |      |      |      |                          |                        |                               |                       |  |
| 22-Jun-2009 | -19.55  | -23.59  | -34.26  |      |      |      |                          |                        |                               |                       |  |
| 22-Jun-2009 | -19.50  | -24.14  | -34.43  |      |      |      |                          |                        |                               |                       |  |
| 22-Jun-2009 | -19.50  | -24.62  | -34.39  |      |      |      |                          |                        |                               |                       |  |
| 23-Jun-2009 | -19.75  | -24.98  | -34.37  |      |      |      |                          |                        |                               |                       |  |
| 23-Jun-2009 | -19.55  | -25.23  | -34.41  |      |      |      |                          |                        |                               |                       |  |
| 23-Jun-2009 | -19.46  | -25.68  | -34.62  |      |      |      |                          |                        |                               |                       |  |
| 23-Jun-2009 | -19.53  | -25.98  | -34.47  |      |      |      |                          | 0.05                   |                               |                       |  |
| 24-Jun-2009 | -24.79  | -26.17  | -34.33  | 0.00 | 0.00 | 0.00 | 2.18                     |                        |                               |                       |  |
| 24-Jun-2009 | -25.27  | -26.49  | -34.38  |      |      |      |                          |                        |                               |                       |  |
| 24-Jun-2009 | -25.54  | -26.97  | -34.42  |      |      |      |                          |                        |                               |                       |  |
| 24-Jun-2009 | -25.71  | -27.38  | -34.33  |      |      |      |                          |                        |                               |                       |  |

|             |         |         |         |     |     |     |                          |                        | Weather Station Rainfall Data |                     |                       |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------|------------------------|-------------------------------|---------------------|-----------------------|
| Date        |         |         |         |     |     |     | On-site Manual Raingauge | On-site Auto Rainguage | On-site Auto RG Totals        | Dunn Daily Rainfall | Dunn Monthly Rainfall |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 |                          |                        |                               |                     |                       |
| 25-Jun-2009 | -26.00  | -27.67  | -34.27  |     |     |     |                          |                        |                               |                     |                       |
| 25-Jun-2009 | -26.36  | -27.90  | -34.43  |     |     |     |                          |                        |                               |                     |                       |
| 25-Jun-2009 | -26.35  | -28.23  | -34.63  |     |     |     |                          |                        |                               |                     |                       |
| 25-Jun-2009 | -26.53  | -28.50  | -34.44  |     |     |     |                          |                        |                               |                     |                       |
| 26-Jun-2009 | -26.76  | -28.52  | -34.29  |     |     |     |                          |                        |                               |                     |                       |
| 26-Jun-2009 | -27.02  | -28.79  | -34.38  |     |     |     |                          |                        |                               |                     |                       |
| 26-Jun-2009 | -26.91  | -29.13  | -34.43  |     |     |     |                          |                        |                               |                     |                       |
| 26-Jun-2009 | -27.13  | -29.36  | -34.45  |     |     |     |                          |                        |                               |                     |                       |
| 27-Jun-2009 | -27.44  | -29.39  | -34.38  |     |     |     |                          |                        |                               |                     |                       |
| 27-Jun-2009 | -27.62  | -29.67  | -34.35  |     |     |     |                          |                        |                               |                     |                       |
| 27-Jun-2009 | -27.67  | -30.01  | -34.49  |     |     |     |                          |                        |                               |                     |                       |
| 27-Jun-2009 | -27.70  | -30.12  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 28-Jun-2009 | -28.05  | -30.36  | -34.38  |     |     |     |                          |                        |                               |                     |                       |
| 28-Jun-2009 | -28.15  | -30.62  | -34.43  |     |     |     |                          |                        |                               |                     |                       |
| 28-Jun-2009 | -28.10  | -30.97  | -34.61  |     |     |     |                          |                        |                               |                     |                       |
| 28-Jun-2009 | -28.02  | -31.02  | -34.51  |     |     |     |                          |                        |                               |                     |                       |
| 29-Jun-2009 | -28.32  | -31.31  | -34.73  |     |     |     |                          |                        |                               |                     |                       |
| 29-Jun-2009 | -28.59  | -31.19  | -34.51  |     |     |     |                          |                        |                               |                     |                       |
| 29-Jun-2009 | -28.56  | -31.50  | -34.51  |     |     |     |                          |                        |                               |                     |                       |
| 29-Jun-2009 | -28.64  | -31.67  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 30-Jun-2009 | -28.95  | -31.70  | -34.39  |     |     |     |                          |                        |                               |                     |                       |
| 30-Jun-2009 | -29.13  | -31.92  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 30-Jun-2009 | -29.05  | -32.11  | -34.59  |     |     |     |                          |                        |                               |                     |                       |
| 30-Jun-2009 | -29.32  | -32.16  | -34.41  |     |     |     |                          |                        | 2.19                          | 0.43                |                       |
| 1-Jul-2009  | -29.48  | -32.18  | -34.32  |     |     |     |                          |                        |                               |                     |                       |
| 1-Jul-2009  | -29.74  | -32.45  | -34.54  |     |     |     |                          |                        |                               |                     |                       |
| 1-Jul-2009  | -29.84  | -32.70  | -34.56  |     |     |     |                          |                        |                               |                     |                       |
| 1-Jul-2009  | -29.84  | -32.81  | -34.47  |     |     |     |                          |                        |                               |                     |                       |
| 2-Jul-2009  | -30.19  | -32.79  | -34.43  |     |     |     |                          |                        |                               |                     |                       |
| 2-Jul-2009  | -30.34  | -32.87  | -34.32  |     |     |     |                          |                        |                               |                     |                       |
| 2-Jul-2009  | -30.37  | -33.18  | -34.62  |     |     |     |                          |                        |                               |                     |                       |
| 2-Jul-2009  | -30.36  | -33.15  | -34.36  |     |     |     |                          |                        |                               |                     |                       |
| 3-Jul-2009  | -30.74  | -33.21  | -34.30  |     |     |     |                          |                        |                               |                     |                       |
| 3-Jul-2009  | -31.05  | -33.38  | -34.36  |     |     |     |                          |                        |                               |                     |                       |
| 3-Jul-2009  | -31.09  | -33.51  | -34.36  |     |     |     |                          |                        |                               |                     |                       |
| 3-Jul-2009  | -31.17  | -33.61  | -34.42  |     |     |     |                          |                        |                               |                     |                       |
| 4-Jul-2009  | -31.12  | -33.49  | -34.33  |     |     |     |                          |                        |                               |                     |                       |
| 4-Jul-2009  | -31.12  | -33.50  | -34.39  |     |     |     |                          |                        |                               |                     |                       |
| 4-Jul-2009  | -31.08  | -33.60  | -34.50  |     |     |     |                          |                        |                               |                     |                       |
| 4-Jul-2009  | -31.09  | -33.60  | -34.49  |     |     |     |                          |                        |                               |                     |                       |
| 5-Jul-2009  | -31.20  | -33.51  | -34.39  |     |     |     |                          |                        |                               | 0.01                |                       |
| 5-Jul-2009  | -31.16  | -33.59  | -34.44  |     |     |     |                          |                        |                               |                     |                       |
| 5-Jul-2009  | -31.09  | -33.61  | -34.44  |     |     |     |                          |                        |                               |                     |                       |
| 5-Jul-2009  | -31.00  | -33.60  | -34.45  |     |     |     |                          |                        |                               |                     |                       |
| 6-Jul-2009  | -31.22  | -33.57  | -34.47  |     |     |     |                          |                        |                               | 0.06                |                       |
| 6-Jul-2009  | -31.08  | -33.50  | -34.21  |     |     |     |                          |                        |                               |                     |                       |
| 6-Jul-2009  | -31.15  | -33.67  | -34.49  |     |     |     |                          |                        |                               |                     |                       |
| 6-Jul-2009  | -31.10  | -33.61  | -34.41  |     |     |     |                          | 0.05                   |                               |                     |                       |
| 7-Jul-2009  | -31.27  | -33.51  | -34.38  |     |     |     |                          |                        |                               |                     |                       |
| 7-Jul-2009  | -31.29  | -33.53  | -34.38  |     |     |     |                          |                        |                               |                     |                       |
| 7-Jul-2009  | -31.04  | -33.66  | -34.54  |     |     |     |                          |                        |                               |                     |                       |
| 7-Jul-2009  | -31.16  | -33.68  | -34.54  |     |     |     |                          |                        |                               |                     |                       |
| 8-Jul-2009  | -31.24  | -33.45  | -34.42  |     |     |     |                          |                        |                               | 0.21                |                       |
| 8-Jul-2009  | -31.17  | -33.56  | -34.45  |     |     |     |                          |                        |                               |                     |                       |
| 8-Jul-2009  | -31.09  | -33.68  | -34.44  |     |     |     |                          |                        |                               |                     |                       |
| 8-Jul-2009  | -31.05  | -33.60  | -34.50  |     |     |     |                          | 0.07                   |                               |                     |                       |
| 9-Jul-2009  | -31.15  | -33.53  | -34.47  |     |     |     |                          |                        |                               | 0.02                |                       |
| 9-Jul-2009  | -31.16  | -33.57  | -34.41  |     |     |     |                          |                        |                               |                     |                       |
| 9-Jul-2009  | -31.10  | -33.66  | -34.43  |     |     |     |                          |                        |                               |                     |                       |
| 9-Jul-2009  | -31.12  | -33.57  | -34.45  |     |     |     |                          | 0.01                   |                               |                     |                       |
| 10-Jul-2009 | -31.18  | -33.53  | -34.39  |     |     |     |                          |                        |                               |                     |                       |
| 10-Jul-2009 | -30.98  | -33.51  | -34.36  |     |     |     |                          |                        |                               |                     |                       |
| 10-Jul-2009 | -31.11  | -33.74  | -34.57  |     |     |     |                          |                        |                               |                     |                       |
| 10-Jul-2009 | -31.08  | -33.65  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 11-Jul-2009 | -31.22  | -33.59  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 11-Jul-2009 | -31.20  | -33.61  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 11-Jul-2009 | -31.08  | -33.65  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 11-Jul-2009 | -31.09  | -33.67  | -34.45  |     |     |     |                          |                        |                               |                     |                       |
| 12-Jul-2009 | -31.15  | -33.57  | -34.48  |     |     |     |                          |                        |                               |                     |                       |
| 12-Jul-2009 | -31.04  | -33.60  | -34.49  |     |     |     |                          |                        |                               |                     |                       |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  | On-site<br>Manual<br>Raingauge | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|------|------|------|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |      |      |      |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 12-Jul-2009 | -31.08  | -33.66  | -34.54  |      |      |      |                                |                           |                           |                                  |                             |
| 12-Jul-2009 | -31.09  | -33.63  | -34.50  |      |      |      |                                |                           |                           |                                  |                             |
| 13-Jul-2009 | -31.08  | -33.63  | -34.44  |      |      |      |                                |                           |                           | 0.08                             |                             |
| 13-Jul-2009 | -31.17  | -33.67  | -34.35  |      |      |      |                                |                           |                           |                                  |                             |
| 13-Jul-2009 | -31.10  | -33.53  | -34.37  |      |      |      |                                |                           |                           |                                  |                             |
| 13-Jul-2009 | -31.20  | -33.66  | -34.48  |      |      |      |                                |                           | 0.56                      |                                  |                             |
| 14-Jul-2009 | -31.29  | -33.56  | -34.48  |      |      |      |                                |                           |                           |                                  |                             |
| 14-Jul-2009 | -31.16  | -33.60  | -34.43  |      |      |      |                                |                           |                           |                                  |                             |
| 14-Jul-2009 | -31.05  | -33.78  | -34.54  |      |      |      |                                |                           |                           |                                  |                             |
| 14-Jul-2009 | -31.12  | -33.69  | -34.55  |      |      |      |                                |                           | 0.01                      |                                  |                             |
| 15-Jul-2009 | -31.14  | -33.49  | -34.36  |      |      |      |                                |                           |                           | 0.03                             |                             |
| 15-Jul-2009 | -31.12  | -33.66  | -34.45  |      |      |      |                                |                           |                           |                                  |                             |
| 15-Jul-2009 | -31.06  | -33.81  | -34.56  |      |      |      |                                |                           |                           |                                  |                             |
| 15-Jul-2009 | -31.06  | -33.61  | -34.47  |      |      |      |                                |                           |                           |                                  |                             |
| 16-Jul-2009 | -31.21  | -33.56  | -34.44  |      |      |      |                                |                           |                           | 0.67                             |                             |
| 16-Jul-2009 | -26.29  | -33.62  | -34.42  |      |      |      |                                |                           |                           |                                  |                             |
| 16-Jul-2009 | -26.24  | -33.68  | -34.56  |      |      |      |                                |                           |                           |                                  |                             |
| 16-Jul-2009 | -26.41  | -25.86  | -34.48  |      |      |      |                                |                           | 0.84                      |                                  |                             |
| 17-Jul-2009 | -26.95  | -27.03  | -34.43  |      |      |      |                                |                           |                           | 0.25                             |                             |
| 17-Jul-2009 | -27.51  | -27.69  | -34.39  |      |      |      |                                |                           |                           |                                  |                             |
| 17-Jul-2009 | 5.13    | -28.46  | -34.66  |      |      |      |                                |                           |                           |                                  |                             |
| 17-Jul-2009 | 2.27    | -28.79  | -34.43  |      |      |      |                                |                           | 2.34                      |                                  |                             |
| 18-Jul-2009 | 0.23    | -1.26   | -2.79   |      |      |      |                                |                           |                           | 0.10                             |                             |
| 18-Jul-2009 | -1.12   | -2.39   | -3.51   |      |      |      |                                |                           |                           |                                  |                             |
| 18-Jul-2009 | -1.87   | -3.06   | -4.05   |      |      |      |                                |                           |                           |                                  |                             |
| 18-Jul-2009 | -2.59   | -3.60   | -4.57   |      |      |      |                                |                           | 0.28                      |                                  |                             |
| 19-Jul-2009 | -3.43   | -3.77   | -4.74   |      |      |      |                                |                           |                           | 0.01                             |                             |
| 19-Jul-2009 | -3.70   | -4.23   | -5.10   |      |      |      |                                |                           |                           |                                  |                             |
| 19-Jul-2009 | -4.06   | -4.97   | -5.75   |      |      |      |                                |                           |                           |                                  |                             |
| 19-Jul-2009 | -4.14   | -5.69   | -6.41   |      |      |      |                                |                           | 0.02                      |                                  |                             |
| 20-Jul-2009 | -4.38   | -5.97   | -6.76   |      |      |      |                                |                           |                           |                                  |                             |
| 20-Jul-2009 | -4.53   | -6.20   | -6.99   |      |      |      |                                |                           |                           |                                  |                             |
| 20-Jul-2009 | -1.66   | -6.62   | -7.54   |      |      |      |                                |                           |                           |                                  |                             |
| 20-Jul-2009 | -2.12   | -6.07   | -5.83   |      |      |      |                                |                           | 0.75                      |                                  |                             |
| 21-Jul-2009 | -2.60   | -2.53   | -3.03   |      |      |      |                                |                           |                           |                                  |                             |
| 21-Jul-2009 | -3.02   | -2.89   | -3.57   |      |      |      |                                |                           |                           |                                  |                             |
| 21-Jul-2009 | -3.28   | -3.36   | -3.97   |      |      |      |                                |                           |                           |                                  |                             |
| 21-Jul-2009 | -3.63   | -3.81   | -4.44   |      |      |      |                                |                           |                           |                                  |                             |
| 22-Jul-2009 | -4.11   | -3.92   | -4.42   |      |      |      |                                |                           |                           | 0.20                             |                             |
| 22-Jul-2009 | -3.94   | -4.20   | -4.73   |      |      |      |                                |                           |                           |                                  |                             |
| 22-Jul-2009 | -4.09   | -4.79   | -5.26   |      |      |      |                                |                           |                           |                                  |                             |
| 22-Jul-2009 | -4.14   | -4.22   | -4.83   |      |      |      |                                |                           | 0.20                      |                                  |                             |
| 23-Jul-2009 | -4.52   | -4.05   | -5.51   |      |      |      |                                |                           |                           | 0.28                             |                             |
| 23-Jul-2009 | -4.50   | -4.19   | -5.53   |      |      |      |                                |                           |                           |                                  |                             |
| 23-Jul-2009 | -3.38   | -4.70   | -6.19   |      |      |      |                                |                           |                           |                                  |                             |
| 23-Jul-2009 | -3.31   | -4.98   | -6.47   |      |      |      |                                |                           | 0.43                      |                                  |                             |
| 24-Jul-2009 | -3.61   | -2.72   | -3.99   |      |      |      |                                |                           |                           | 0.18                             |                             |
| 24-Jul-2009 | -3.93   | -2.88   | -3.84   |      |      |      |                                |                           |                           |                                  |                             |
| 24-Jul-2009 | -3.90   | -3.20   | -4.61   |      |      |      |                                |                           |                           |                                  |                             |
| 24-Jul-2009 | -3.98   | -3.60   | -4.86   |      |      |      |                                |                           | 0.03                      |                                  |                             |
| 25-Jul-2009 | -4.41   | -3.66   | -4.87   |      |      |      |                                |                           |                           |                                  |                             |
| 25-Jul-2009 | -4.56   | -3.86   | -5.05   |      |      |      |                                |                           |                           |                                  |                             |
| 25-Jul-2009 | -4.42   | -4.35   | -5.67   |      |      |      |                                |                           |                           |                                  |                             |
| 25-Jul-2009 | -4.65   | -4.81   | -5.98   |      |      |      |                                |                           |                           |                                  |                             |
| 26-Jul-2009 | -5.23   | -4.79   | -5.92   |      |      |      |                                |                           |                           |                                  |                             |
| 26-Jul-2009 | -5.56   | -4.99   | -6.28   |      |      |      |                                |                           |                           |                                  |                             |
| 26-Jul-2009 | -5.52   | -5.87   | -7.14   |      |      |      |                                |                           |                           |                                  |                             |
| 26-Jul-2009 | -5.67   | -7.02   | -8.88   |      |      |      |                                |                           |                           |                                  |                             |
| 27-Jul-2009 | -6.13   | -7.20   | -8.93   |      |      |      |                                |                           |                           | 0.24                             |                             |
| 27-Jul-2009 | 15.28   | -7.62   | -9.17   |      |      |      |                                |                           |                           |                                  |                             |
| 27-Jul-2009 | 9.34    | -8.69   | -10.23  |      |      |      |                                |                           |                           |                                  |                             |
| 27-Jul-2009 | 6.06    | 6.44    | -1.48   |      |      |      |                                |                           | 2.97                      |                                  |                             |
| 28-Jul-2009 | 3.71    | 4.97    | -2.94   | 0.25 | 0.20 | 1.40 | 8.82                           |                           |                           |                                  |                             |
| 28-Jul-2009 | 2.12    | 2.72    | -3.30   |      |      |      |                                |                           |                           |                                  |                             |
| 28-Jul-2009 | 3.28    | 0.20    | -3.75   |      |      |      |                                |                           |                           |                                  |                             |
| 28-Jul-2009 | 2.36    | -1.33   | -4.02   |      |      |      |                                |                           | 0.58                      |                                  |                             |
| 29-Jul-2009 | 1.32    | -1.15   | -2.58   |      |      |      |                                |                           |                           |                                  |                             |
| 29-Jul-2009 | 0.48    | -2.03   | -3.16   |      |      |      |                                |                           |                           |                                  |                             |
| 29-Jul-2009 | -0.02   | -2.67   | -3.37   |      |      |      |                                |                           |                           |                                  |                             |
| 29-Jul-2009 | -0.43   | -3.11   | -3.70   |      |      |      |                                |                           |                           |                                  |                             |

|             |         |         |         |     |     |     |                          |                        | Weather Station Rainfall Data |                       |  |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------|------------------------|-------------------------------|-----------------------|--|
| Date        |         |         |         |     |     |     | On-site Manual Raingauge | On-site Auto RG Totals | Dunn Daily Rainfall           | Dunn Monthly Rainfall |  |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 |                          |                        |                               |                       |  |
| 30-Jul-2009 | -1.00   | -3.12   | -3.82   |     |     |     |                          |                        |                               |                       |  |
| 30-Jul-2009 | -1.41   | -3.30   | -3.94   |     |     |     |                          |                        |                               |                       |  |
| 30-Jul-2009 | -1.52   | -3.51   | -4.35   |     |     |     |                          |                        |                               |                       |  |
| 30-Jul-2009 | -1.95   | -3.75   | -4.61   |     |     |     |                          |                        |                               |                       |  |
| 31-Jul-2009 | -2.37   | -3.85   | -4.61   |     |     |     |                          |                        | 0.16                          |                       |  |
| 31-Jul-2009 | 4.94    | -3.95   | -4.54   |     |     |     |                          |                        |                               |                       |  |
| 31-Jul-2009 | 4.07    | -4.40   | -5.05   |     |     |     |                          |                        |                               |                       |  |
| 31-Jul-2009 | 2.92    | -1.08   | -2.25   |     |     |     | 1.17                     | 10.31                  |                               | 2.50                  |  |
| 1-Aug-2009  | 1.85    | -1.86   | -2.76   |     |     |     |                          |                        |                               |                       |  |
| 1-Aug-2009  | 1.19    | -2.25   | -3.15   |     |     |     |                          |                        |                               |                       |  |
| 1-Aug-2009  | 0.80    | -2.73   | -3.33   |     |     |     |                          |                        |                               |                       |  |
| 1-Aug-2009  | 0.26    | -3.11   | -3.65   |     |     |     | 0.03                     |                        |                               |                       |  |
| 2-Aug-2009  | 6.70    | -2.93   | -3.43   |     |     |     |                          |                        |                               |                       |  |
| 2-Aug-2009  | 5.52    | -3.09   | -3.54   |     |     |     |                          |                        |                               |                       |  |
| 2-Aug-2009  | 5.12    | 0.16    | -0.73   |     |     |     |                          |                        |                               |                       |  |
| 2-Aug-2009  | 3.88    | -0.19   | -2.44   |     |     |     | 1.28                     |                        |                               |                       |  |
| 3-Aug-2009  | 2.86    | -0.35   | -2.61   |     |     |     |                          |                        | 0.02                          |                       |  |
| 3-Aug-2009  | 1.88    | -1.13   | -2.74   |     |     |     |                          |                        |                               |                       |  |
| 3-Aug-2009  | 1.49    | -1.82   | -3.21   |     |     |     |                          |                        |                               |                       |  |
| 3-Aug-2009  | 1.06    | -2.49   | -3.28   |     |     |     |                          |                        |                               |                       |  |
| 4-Aug-2009  | 0.38    | -2.60   | -3.31   |     |     |     |                          |                        | 0.02                          |                       |  |
| 4-Aug-2009  | 0.30    | -2.79   | -3.28   |     |     |     |                          |                        |                               |                       |  |
| 4-Aug-2009  | 0.02    | -3.26   | -3.76   |     |     |     |                          |                        |                               |                       |  |
| 4-Aug-2009  | -0.04   | -3.15   | -3.01   |     |     |     | 0.13                     |                        |                               |                       |  |
| 5-Aug-2009  | -0.63   | -3.07   | -3.00   |     |     |     |                          |                        | 0.16                          |                       |  |
| 5-Aug-2009  | 4.79    | -3.14   | -3.10   |     |     |     |                          |                        |                               |                       |  |
| 5-Aug-2009  | 4.10    | -3.61   | -3.67   |     |     |     |                          |                        |                               |                       |  |
| 5-Aug-2009  | 3.29    | -1.56   | -2.32   |     |     |     | 0.76                     |                        |                               |                       |  |
| 6-Aug-2009  | 2.44    | -2.22   | -2.67   |     |     |     |                          |                        | 0.03                          |                       |  |
| 6-Aug-2009  | 1.71    | -2.46   | -2.69   |     |     |     |                          |                        |                               |                       |  |
| 6-Aug-2009  | 1.28    | -2.76   | -2.93   |     |     |     |                          |                        |                               |                       |  |
| 6-Aug-2009  | 0.93    | -3.06   | -3.35   |     |     |     | 0.01                     |                        |                               |                       |  |
| 7-Aug-2009  | 0.39    | -2.95   | -3.33   |     |     |     |                          |                        |                               |                       |  |
| 7-Aug-2009  | 0.11    | -3.05   | -3.31   |     |     |     |                          |                        |                               |                       |  |
| 7-Aug-2009  | -0.04   | -3.45   | -3.84   |     |     |     |                          |                        |                               |                       |  |
| 7-Aug-2009  | -0.24   | -3.72   | -3.97   |     |     |     |                          |                        |                               |                       |  |
| 8-Aug-2009  | -0.72   | -3.72   | -4.11   |     |     |     |                          |                        |                               |                       |  |
| 8-Aug-2009  | -0.94   | -3.80   | 4.29    |     |     |     |                          |                        |                               |                       |  |
| 8-Aug-2009  | -0.98   | -4.40   | 3.77    |     |     |     |                          |                        |                               |                       |  |
| 8-Aug-2009  | -1.17   | -4.73   | 3.62    |     |     |     |                          |                        |                               |                       |  |
| 9-Aug-2009  | -1.62   | -4.69   | 3.66    |     |     |     |                          |                        |                               |                       |  |
| 9-Aug-2009  | -1.74   | -4.81   | 3.54    |     |     |     |                          |                        |                               |                       |  |
| 9-Aug-2009  | -1.86   | -5.67   | 2.95    |     |     |     |                          |                        |                               |                       |  |
| 9-Aug-2009  | -2.05   | -6.37   | 2.35    |     |     |     |                          |                        |                               |                       |  |
| 10-Aug-2009 | -2.49   | -6.49   | 2.46    |     |     |     |                          |                        |                               |                       |  |
| 10-Aug-2009 | -2.73   | -6.74   | 2.30    |     |     |     |                          |                        |                               |                       |  |
| 10-Aug-2009 | -2.68   | -8.28   | 1.23    |     |     |     |                          |                        |                               |                       |  |
| 10-Aug-2009 | -2.86   | -10.55  | -0.76   |     |     |     |                          |                        |                               |                       |  |
| 11-Aug-2009 | -3.27   | -10.57  | -0.40   |     |     |     |                          |                        | 0.04                          |                       |  |
| 11-Aug-2009 | -3.31   | -10.86  | -0.33   |     |     |     |                          |                        |                               |                       |  |
| 11-Aug-2009 | 1.59    | -12.50  | -2.55   |     |     |     |                          |                        |                               |                       |  |
| 11-Aug-2009 | 1.05    | -14.81  | -5.47   |     |     |     | 1.37                     |                        |                               |                       |  |
| 12-Aug-2009 | 0.21    | -1.77   | 6.01    |     |     |     |                          |                        | 0.05                          |                       |  |
| 12-Aug-2009 | 0.02    | -2.22   | 5.72    |     |     |     |                          |                        |                               |                       |  |
| 12-Aug-2009 | -0.30   | -2.82   | 5.07    |     |     |     |                          |                        |                               |                       |  |
| 12-Aug-2009 | -0.64   | -2.72   | 5.48    |     |     |     | 0.18                     |                        |                               |                       |  |
| 13-Aug-2009 | -0.84   | -2.81   | 5.18    |     |     |     |                          |                        | 0.16                          |                       |  |
| 13-Aug-2009 | -0.79   | -2.91   | 5.27    |     |     |     |                          |                        |                               |                       |  |
| 13-Aug-2009 | -1.00   | -2.78   | 5.67    |     |     |     |                          |                        |                               |                       |  |
| 13-Aug-2009 | -1.09   | -2.76   | 5.49    |     |     |     | 0.18                     |                        |                               |                       |  |
| 14-Aug-2009 | 1.14    | -2.79   | 5.36    |     |     |     |                          |                        | 0.16                          |                       |  |
| 14-Aug-2009 | 2.99    | -2.90   | 5.37    |     |     |     |                          |                        |                               |                       |  |
| 14-Aug-2009 | 2.03    | -0.54   | 6.84    |     |     |     |                          |                        |                               |                       |  |
| 14-Aug-2009 | 1.32    | -1.71   | 5.97    |     |     |     | 0.73                     |                        |                               |                       |  |
| 15-Aug-2009 | 0.68    | -2.29   | 5.71    |     |     |     |                          |                        |                               |                       |  |
| 15-Aug-2009 | 0.21    | -2.54   | 5.61    |     |     |     |                          |                        |                               |                       |  |
| 15-Aug-2009 | -0.09   | -2.84   | 5.22    |     |     |     |                          |                        |                               |                       |  |
| 15-Aug-2009 | -0.44   | -3.06   | 5.01    |     |     |     |                          |                        |                               |                       |  |
| 16-Aug-2009 | -0.80   | -3.01   | 5.03    |     |     |     |                          |                        |                               |                       |  |
| 16-Aug-2009 | -1.08   | -3.23   | 4.95    |     |     |     |                          |                        |                               |                       |  |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  | On-site<br>Manual<br>Raingauge | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|------|------|------|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |      |      |      |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 16-Aug-2009 | -1.09   | -3.44   | 4.77    |      |      |      |                                |                           |                           |                                  |                             |
| 16-Aug-2009 | -1.24   | -3.59   | 4.56    |      |      |      |                                |                           |                           |                                  |                             |
| 17-Aug-2009 | -1.48   | -3.62   | 4.62    |      |      |      |                                |                           |                           |                                  |                             |
| 17-Aug-2009 | -1.59   | -3.66   | 4.63    |      |      |      |                                |                           |                           |                                  |                             |
| 17-Aug-2009 | -1.76   | -4.03   | 4.07    |      |      |      |                                |                           |                           |                                  |                             |
| 17-Aug-2009 | -1.82   | -4.33   | 4.08    |      |      |      |                                |                           |                           |                                  |                             |
| 18-Aug-2009 | -2.23   | -4.37   | 4.05    |      |      |      |                                |                           |                           |                                  |                             |
| 18-Aug-2009 | -2.35   | -4.38   | 3.97    |      |      |      |                                |                           |                           |                                  |                             |
| 18-Aug-2009 | -2.43   | -4.97   | 3.47    |      |      |      |                                |                           |                           |                                  |                             |
| 18-Aug-2009 | -2.67   | -5.55   | 3.24    |      |      |      |                                |                           |                           |                                  |                             |
| 19-Aug-2009 | -2.96   | -5.66   | 3.13    |      |      |      |                                |                           |                           |                                  |                             |
| 19-Aug-2009 | -3.12   | -5.91   | 2.96    |      |      |      |                                |                           |                           |                                  |                             |
| 19-Aug-2009 | -3.26   | -6.83   | 2.13    |      |      |      |                                |                           |                           |                                  |                             |
| 19-Aug-2009 | -3.37   | -8.53   | 1.28    |      |      |      |                                |                           |                           |                                  |                             |
| 20-Aug-2009 | -3.42   | -8.81   | 1.38    |      |      |      |                                |                           |                           |                                  |                             |
| 20-Aug-2009 | -3.64   | -9.15   | 1.31    |      |      |      |                                |                           |                           |                                  |                             |
| 20-Aug-2009 | -3.49   | -9.75   | 0.96    |      |      |      |                                |                           |                           |                                  |                             |
| 20-Aug-2009 | -3.62   | -11.91  | -1.31   |      |      |      |                                |                           |                           |                                  |                             |
| 21-Aug-2009 | -3.88   | -12.05  | -1.08   |      |      |      |                                |                           |                           | 0.54                             |                             |
| 21-Aug-2009 | -3.96   | -12.32  | -1.09   |      |      |      |                                |                           |                           |                                  |                             |
| 21-Aug-2009 | -3.93   | -13.17  | -2.56   |      |      |      |                                |                           |                           |                                  |                             |
| 21-Aug-2009 | -3.90   | -14.24  | -4.08   |      |      |      |                                |                           |                           |                                  |                             |
| 22-Aug-2009 | -4.24   | -14.58  | -4.38   |      |      |      |                                |                           |                           | 0.83                             |                             |
| 22-Aug-2009 | -2.55   | -14.82  | -4.51   |      |      |      |                                |                           |                           |                                  |                             |
| 22-Aug-2009 | 1.80    | -15.79  | -5.45   |      |      |      |                                |                           |                           |                                  |                             |
| 22-Aug-2009 | 1.36    | -3.97   | 3.98    |      |      |      |                                |                           | 1.24                      |                                  |                             |
| 23-Aug-2009 | 0.65    | -1.77   | 6.25    |      |      |      |                                |                           |                           | 0.06                             |                             |
| 23-Aug-2009 | 0.09    | -2.46   | 5.81    |      |      |      |                                |                           |                           |                                  |                             |
| 23-Aug-2009 | -0.26   | -2.84   | 5.41    |      |      |      |                                |                           |                           |                                  |                             |
| 23-Aug-2009 | -0.61   | -3.05   | 5.07    |      |      |      |                                |                           | 0.08                      |                                  |                             |
| 24-Aug-2009 | -0.92   | -3.03   | 5.10    |      |      |      |                                |                           |                           |                                  |                             |
| 24-Aug-2009 | -1.22   | -3.17   | 4.99    |      |      |      |                                |                           |                           |                                  |                             |
| 24-Aug-2009 | -1.32   | -3.42   | 4.68    |      |      |      |                                |                           |                           |                                  |                             |
| 24-Aug-2009 | -1.74   | -3.66   | 4.45    |      |      |      |                                |                           |                           |                                  |                             |
| 25-Aug-2009 | -2.01   | -3.59   | 4.35    |      |      |      |                                |                           |                           |                                  |                             |
| 25-Aug-2009 | -2.28   | -3.84   | 4.28    |      |      |      |                                |                           |                           |                                  |                             |
| 25-Aug-2009 | -2.41   | -4.11   | 3.87    |      |      |      |                                |                           |                           |                                  |                             |
| 25-Aug-2009 | -2.66   | -4.65   | 3.61    |      |      |      |                                |                           |                           |                                  |                             |
| 26-Aug-2009 | -2.85   | -4.74   | 3.68    |      |      |      |                                |                           |                           |                                  |                             |
| 26-Aug-2009 | -3.06   | -4.82   | 3.53    |      |      |      |                                |                           |                           |                                  |                             |
| 26-Aug-2009 | -3.21   | -5.31   | 3.11    |      |      |      |                                |                           |                           |                                  |                             |
| 26-Aug-2009 | -3.19   | -6.07   | 2.77    |      |      |      |                                |                           |                           |                                  |                             |
| 27-Aug-2009 | -3.76   | -6.36   | 2.70    | 0.00 | 0.00 | 0.50 | 7.92                           |                           |                           |                                  |                             |
| 27-Aug-2009 | -3.87   | -6.57   | 2.70    |      |      |      |                                |                           |                           |                                  |                             |
| 27-Aug-2009 | -3.81   | -7.16   | 1.35    |      |      |      |                                |                           |                           |                                  |                             |
| 27-Aug-2009 | -3.99   | -9.15   | 0.18    |      |      |      |                                |                           |                           |                                  |                             |
| 28-Aug-2009 | -4.26   | -9.41   | 0.51    |      |      |      |                                |                           |                           | 0.32                             |                             |
| 28-Aug-2009 | -3.25   | -9.71   | 0.32    |      |      |      |                                |                           |                           |                                  |                             |
| 28-Aug-2009 | -3.25   | -10.46  | -0.41   |      |      |      |                                |                           |                           |                                  |                             |
| 28-Aug-2009 | -3.13   | -3.93   | 3.63    |      |      |      |                                |                           |                           |                                  |                             |
| 29-Aug-2009 | -3.55   | -4.57   | 2.85    |      |      |      |                                |                           |                           | 0.01                             |                             |
| 29-Aug-2009 | -3.62   | -4.76   | 2.58    |      |      |      |                                |                           |                           |                                  |                             |
| 29-Aug-2009 | -3.58   | -5.79   | 1.45    |      |      |      |                                |                           |                           |                                  |                             |
| 29-Aug-2009 | -3.64   | -6.86   | 0.53    |      |      |      |                                |                           |                           |                                  |                             |
| 30-Aug-2009 | -3.94   | -7.25   | 0.42    |      |      |      |                                |                           |                           | 0.11                             |                             |
| 30-Aug-2009 | -4.00   | -7.65   | 0.33    |      |      |      |                                |                           |                           |                                  |                             |
| 30-Aug-2009 | -3.32   | -9.53   | -1.20   |      |      |      |                                |                           |                           |                                  |                             |
| 30-Aug-2009 | -3.19   | -10.75  | -2.89   |      |      |      |                                |                           |                           |                                  |                             |
| 31-Aug-2009 | -3.21   | -5.19   | 2.24    |      |      |      |                                |                           |                           | 0.14                             |                             |
| 31-Aug-2009 | -3.21   | -3.59   | 3.26    |      |      |      |                                |                           |                           |                                  |                             |
| 31-Aug-2009 | -3.19   | -3.59   | 3.38    |      |      |      |                                |                           |                           |                                  |                             |
| 31-Aug-2009 | -3.30   | -3.68   | 3.17    |      |      |      |                                |                           | 5.99                      |                                  | 2.65                        |
| 1-Sep-2009  | -3.45   | -3.80   | 3.00    |      |      |      |                                |                           |                           |                                  |                             |
| 1-Sep-2009  | -3.87   | -3.93   | 2.84    |      |      |      |                                |                           |                           |                                  |                             |
| 1-Sep-2009  | -3.90   | -4.62   | 2.22    |      |      |      |                                |                           |                           |                                  |                             |
| 1-Sep-2009  | -3.87   | -5.65   | 1.27    |      |      |      |                                |                           |                           |                                  |                             |
| 2-Sep-2009  | -4.16   | -5.82   | 1.22    |      |      |      |                                |                           |                           |                                  |                             |
| 2-Sep-2009  | -4.21   | -6.06   | 1.15    |      |      |      |                                |                           |                           |                                  |                             |
| 2-Sep-2009  | -4.21   | -7.39   | 0.35    |      |      |      |                                |                           |                           |                                  |                             |
| 2-Sep-2009  | -4.27   | -9.23   | -1.00   |      |      |      |                                |                           |                           |                                  |                             |

|             |         |         |         |     |     |     |                          |                        | Weather Station Rainfall Data |                     |                       |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------|------------------------|-------------------------------|---------------------|-----------------------|
| Date        |         |         |         |     |     |     | On-site Manual Rainguage | On-site Auto Rainguage | On-site Auto RG Totals        | Dunn Daily Rainfall | Dunn Monthly Rainfall |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 |                          |                        |                               |                     |                       |
| 3-Sep-2009  | -4.52   | -9.43   | -1.09   |     |     |     |                          |                        |                               |                     |                       |
| 3-Sep-2009  | -4.77   | -9.74   | -1.24   |     |     |     |                          |                        |                               |                     |                       |
| 3-Sep-2009  | -4.88   | -11.11  | -2.20   |     |     |     |                          |                        |                               |                     |                       |
| 3-Sep-2009  | -4.77   | -13.01  | -5.28   |     |     |     |                          |                        |                               |                     |                       |
| 4-Sep-2009  | -5.34   | -13.23  | -6.21   |     |     |     |                          |                        |                               |                     |                       |
| 4-Sep-2009  | -5.48   | -13.49  | -6.76   |     |     |     |                          |                        |                               |                     |                       |
| 4-Sep-2009  | -5.44   | -14.81  | -7.67   |     |     |     |                          |                        |                               |                     |                       |
| 4-Sep-2009  | -5.58   | -16.61  | -8.94   |     |     |     |                          |                        |                               |                     |                       |
| 5-Sep-2009  | -6.28   | -16.98  | -10.06  |     |     |     |                          |                        |                               |                     |                       |
| 5-Sep-2009  | -6.55   | -17.36  | -10.99  |     |     |     |                          |                        |                               |                     |                       |
| 5-Sep-2009  | -6.40   | -18.12  | -11.86  |     |     |     |                          |                        |                               |                     |                       |
| 5-Sep-2009  | -6.34   | -19.63  | -12.48  |     |     |     |                          |                        |                               |                     |                       |
| 6-Sep-2009  | -7.11   | -20.15  | -13.31  |     |     |     |                          |                        |                               |                     |                       |
| 6-Sep-2009  | -7.72   | -20.60  | -13.89  |     |     |     |                          |                        |                               |                     |                       |
| 6-Sep-2009  | -7.32   | -21.06  | -14.69  |     |     |     |                          |                        |                               |                     |                       |
| 6-Sep-2009  | -7.17   | -21.75  | -14.97  |     |     |     |                          |                        |                               |                     |                       |
| 7-Sep-2009  | -7.22   | -22.27  | -15.36  |     |     |     |                          |                        |                               | 0.22                |                       |
| 7-Sep-2009  | -5.52   | -22.61  | -15.76  |     |     |     |                          |                        |                               |                     |                       |
| 7-Sep-2009  | -5.88   | -23.05  | -16.21  |     |     |     |                          |                        |                               |                     |                       |
| 7-Sep-2009  | -6.07   | -19.16  | -16.55  |     |     |     |                          |                        |                               |                     |                       |
| 8-Sep-2009  | -6.21   | -17.37  | -16.71  |     |     |     |                          |                        |                               | 0.01                |                       |
| 8-Sep-2009  | -6.70   | -17.34  | -16.84  |     |     |     |                          |                        |                               |                     |                       |
| 8-Sep-2009  | -6.64   | -17.77  | -17.23  |     |     |     |                          |                        |                               |                     |                       |
| 8-Sep-2009  | -6.68   | -19.07  | -17.40  |     |     |     |                          |                        |                               |                     |                       |
| 9-Sep-2009  | -7.52   | -19.74  | -17.65  |     |     |     |                          |                        |                               |                     |                       |
| 9-Sep-2009  | -8.14   | -20.28  | -18.09  |     |     |     |                          |                        |                               |                     |                       |
| 9-Sep-2009  | -7.89   | -21.00  | -18.49  |     |     |     |                          |                        |                               |                     |                       |
| 9-Sep-2009  | -7.81   | -21.93  | -18.69  |     |     |     |                          |                        |                               |                     |                       |
| 10-Sep-2009 | -8.14   | -22.77  | -19.12  |     |     |     |                          |                        |                               |                     |                       |
| 10-Sep-2009 | -8.29   | -23.15  | -19.36  |     |     |     |                          |                        |                               |                     |                       |
| 10-Sep-2009 | -8.16   | -23.66  | -19.78  |     |     |     |                          |                        |                               |                     |                       |
| 10-Sep-2009 | -8.24   | -23.96  | -20.16  |     |     |     |                          |                        |                               |                     |                       |
| 11-Sep-2009 | -9.00   | -24.21  | -20.45  |     |     |     |                          |                        |                               |                     |                       |
| 11-Sep-2009 | -9.67   | -24.49  | -20.75  |     |     |     |                          |                        |                               |                     |                       |
| 11-Sep-2009 | -9.52   | -24.81  | -21.16  |     |     |     |                          |                        |                               |                     |                       |
| 11-Sep-2009 | -9.45   | -24.99  | -21.35  |     |     |     |                          |                        |                               |                     |                       |
| 12-Sep-2009 | -10.44  | -25.25  | -21.66  |     |     |     |                          |                        |                               |                     |                       |
| 12-Sep-2009 | -11.11  | -25.50  | -21.90  |     |     |     |                          |                        |                               |                     |                       |
| 12-Sep-2009 | -10.99  | -25.70  | -22.27  |     |     |     |                          |                        |                               |                     |                       |
| 12-Sep-2009 | -10.99  | -25.82  | -22.42  |     |     |     |                          |                        |                               |                     |                       |
| 13-Sep-2009 | -12.14  | -25.94  | -22.67  |     |     |     |                          |                        |                               |                     |                       |
| 13-Sep-2009 | -13.10  | -26.09  | -23.01  |     |     |     |                          |                        |                               |                     |                       |
| 13-Sep-2009 | -13.04  | -26.41  | -23.40  |     |     |     |                          |                        |                               |                     |                       |
| 13-Sep-2009 | -13.45  | -26.42  | -23.43  |     |     |     |                          |                        |                               |                     |                       |
| 14-Sep-2009 | -14.50  | -26.61  | -23.67  |     |     |     |                          |                        |                               |                     |                       |
| 14-Sep-2009 | -15.57  | -26.88  | -24.15  |     |     |     |                          |                        |                               |                     |                       |
| 14-Sep-2009 | -15.68  | -27.06  | -24.40  |     |     |     |                          |                        |                               |                     |                       |
| 14-Sep-2009 | -15.86  | -27.01  | -24.52  |     |     |     |                          |                        |                               |                     |                       |
| 15-Sep-2009 | -16.71  | -27.14  | -24.64  |     |     |     |                          |                        |                               |                     |                       |
| 15-Sep-2009 | -17.42  | -27.23  | -25.01  |     |     |     |                          |                        |                               |                     |                       |
| 15-Sep-2009 | -17.56  | -27.53  | -25.35  |     |     |     |                          |                        |                               |                     |                       |
| 15-Sep-2009 | -17.73  | -27.43  | -25.24  |     |     |     |                          |                        |                               |                     |                       |
| 16-Sep-2009 | -17.96  | -27.54  | -25.57  |     |     |     |                          |                        |                               |                     |                       |
| 16-Sep-2009 | -18.34  | -27.57  | -25.69  |     |     |     |                          |                        |                               |                     |                       |
| 16-Sep-2009 | -18.46  | -27.74  | -25.96  |     |     |     |                          |                        |                               |                     |                       |
| 16-Sep-2009 | -12.62  | -27.71  | -26.14  |     |     |     |                          |                        |                               |                     |                       |
| 17-Sep-2009 | -12.93  | -27.87  | -26.28  |     |     |     |                          |                        |                               | 0.22                |                       |
| 17-Sep-2009 | -13.65  | -27.98  | -26.52  |     |     |     |                          |                        |                               |                     |                       |
| 17-Sep-2009 | -13.96  | -27.97  | -26.46  |     |     |     |                          |                        |                               |                     |                       |
| 17-Sep-2009 | -14.19  | -28.15  | -26.47  |     |     |     |                          |                        |                               |                     |                       |
| 18-Sep-2009 | -14.84  | -28.19  | -26.53  |     |     |     |                          |                        |                               |                     |                       |
| 18-Sep-2009 | -15.82  | -28.22  | -26.46  |     |     |     |                          |                        |                               |                     |                       |
| 18-Sep-2009 | -15.91  | -28.39  | -26.55  |     |     |     |                          |                        |                               |                     |                       |
| 18-Sep-2009 | -16.29  | -28.40  | -26.53  |     |     |     |                          |                        |                               |                     |                       |
| 19-Sep-2009 | -16.90  | -28.50  | -26.47  |     |     |     |                          |                        |                               |                     |                       |
| 19-Sep-2009 | -17.31  | -28.59  | -26.51  |     |     |     |                          |                        |                               |                     |                       |
| 19-Sep-2009 | -17.52  | -28.74  | -26.63  |     |     |     |                          |                        |                               |                     |                       |
| 19-Sep-2009 | -17.58  | -28.83  | -26.55  |     |     |     |                          |                        |                               |                     |                       |
| 20-Sep-2009 | -18.44  | -28.79  | -26.41  |     |     |     |                          |                        |                               |                     |                       |
| 20-Sep-2009 | -19.35  | -28.79  | -26.34  |     |     |     |                          |                        |                               |                     |                       |

|             |         |         |         |      |      |      |                          |                        | Weather Station Rainfall Data |                       |  |
|-------------|---------|---------|---------|------|------|------|--------------------------|------------------------|-------------------------------|-----------------------|--|
| Date        |         |         |         |      |      |      | On-site Manual Rainguage | On-site Auto RG Totals | Dunn Daily Rainfall           | Dunn Monthly Rainfall |  |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  |                          |                        |                               |                       |  |
| 20-Sep-2009 | -19.59  | -29.05  | -26.61  |      |      |      |                          |                        |                               |                       |  |
| 20-Sep-2009 | -19.84  | -29.01  | -26.35  |      |      |      |                          |                        |                               |                       |  |
| 21-Sep-2009 | -20.46  | -29.24  | -26.59  |      |      |      |                          |                        |                               |                       |  |
| 21-Sep-2009 | -21.34  | -29.31  | -26.63  |      |      |      |                          |                        |                               |                       |  |
| 21-Sep-2009 | -21.46  | -29.49  | -26.59  |      |      |      |                          |                        |                               |                       |  |
| 21-Sep-2009 | -18.56  | -29.45  | -26.45  |      |      |      |                          |                        |                               |                       |  |
| 22-Sep-2009 | -17.14  | -29.47  | -26.39  |      |      |      |                          |                        | 0.39                          |                       |  |
| 22-Sep-2009 | -17.76  | -29.58  | -26.46  |      |      |      |                          |                        |                               |                       |  |
| 22-Sep-2009 | -17.94  | -29.34  | -26.43  |      |      |      |                          |                        |                               |                       |  |
| 22-Sep-2009 | -9.99   | -29.46  | -26.43  | 0.00 | 0.00 | 0.00 | 1.46                     |                        |                               |                       |  |
| 23-Sep-2009 | -10.77  | -29.47  | -8.04   |      |      |      |                          | 0.39                   | 0.83                          |                       |  |
| 23-Sep-2009 | -11.84  | -29.55  | -8.85   |      |      |      |                          |                        |                               |                       |  |
| 23-Sep-2009 | -11.92  | -29.70  | -9.93   |      |      |      |                          |                        |                               |                       |  |
| 23-Sep-2009 | -12.25  | -29.67  | -10.75  |      |      |      |                          |                        |                               |                       |  |
| 24-Sep-2009 | -12.73  | -29.63  | -11.71  |      |      |      |                          |                        |                               |                       |  |
| 24-Sep-2009 | -13.84  | -29.71  | -12.49  |      |      |      |                          |                        |                               |                       |  |
| 24-Sep-2009 | -14.08  | -29.97  | -13.01  |      |      |      |                          |                        |                               |                       |  |
| 24-Sep-2009 | -14.24  | -29.88  | -13.68  |      |      |      |                          |                        |                               |                       |  |
| 25-Sep-2009 | -14.96  | -29.95  | -14.25  |      |      |      |                          |                        | 0.10                          |                       |  |
| 25-Sep-2009 | -15.51  | -29.90  | -14.99  |      |      |      |                          |                        |                               |                       |  |
| 25-Sep-2009 | -15.67  | -30.07  | -15.36  |      |      |      |                          |                        |                               |                       |  |
| 25-Sep-2009 | -15.72  | -30.03  | -15.87  |      |      |      |                          |                        |                               |                       |  |
| 26-Sep-2009 | -15.96  | -30.14  | -16.24  |      |      |      |                          | 0.07                   | 0.07                          |                       |  |
| 26-Sep-2009 | -15.96  | -30.11  | -16.81  |      |      |      |                          |                        |                               |                       |  |
| 26-Sep-2009 | -15.24  | -30.20  | -17.13  |      |      |      |                          |                        |                               |                       |  |
| 26-Sep-2009 | -15.13  | -30.26  | -17.33  |      |      |      |                          |                        |                               |                       |  |
| 27-Sep-2009 | -15.52  | -30.20  | -17.73  |      |      |      |                          | 0.01                   |                               |                       |  |
| 27-Sep-2009 | -16.87  | -30.18  | -18.01  |      |      |      |                          |                        |                               |                       |  |
| 27-Sep-2009 | -17.07  | -30.21  | -18.31  |      |      |      |                          |                        |                               |                       |  |
| 27-Sep-2009 | -17.30  | -30.17  | -18.71  |      |      |      |                          |                        |                               |                       |  |
| 28-Sep-2009 | -17.98  | -30.25  | -19.08  |      |      |      |                          |                        |                               |                       |  |
| 28-Sep-2009 | -18.93  | -30.39  | -19.42  |      |      |      |                          |                        |                               |                       |  |
| 28-Sep-2009 | -19.29  | -30.35  | -19.49  |      |      |      |                          |                        |                               |                       |  |
| 28-Sep-2009 | -19.65  | -30.23  | -19.99  |      |      |      |                          |                        |                               |                       |  |
| 29-Sep-2009 | -20.37  | -30.35  | -20.47  |      |      |      |                          |                        |                               |                       |  |
| 29-Sep-2009 | -21.34  | -30.59  | -20.93  |      |      |      |                          |                        |                               |                       |  |
| 29-Sep-2009 | -21.73  | -30.61  | -21.17  |      |      |      |                          |                        |                               |                       |  |
| 29-Sep-2009 | -21.84  | -30.66  | -21.59  |      |      |      |                          |                        |                               |                       |  |
| 30-Sep-2009 | -22.50  | -30.78  | -30.41  |      |      |      |                          |                        |                               |                       |  |
| 30-Sep-2009 | -23.20  | -30.85  | -30.82  |      |      |      |                          |                        |                               |                       |  |
| 30-Sep-2009 | -23.50  | -31.04  | -31.18  |      |      |      |                          |                        |                               |                       |  |
| 30-Sep-2009 | -23.73  | -31.10  | -31.57  |      |      |      |                          | 0.47                   | 1.84                          |                       |  |
| 1-Oct-2009  | -23.94  | -31.27  | -31.89  |      |      |      |                          |                        |                               |                       |  |
| 1-Oct-2009  | -24.45  | -31.29  | -32.21  |      |      |      |                          |                        |                               |                       |  |
| 1-Oct-2009  | -24.63  | -31.38  | -32.51  |      |      |      |                          |                        |                               |                       |  |
| 1-Oct-2009  | -24.92  | -31.37  | -32.73  |      |      |      |                          |                        |                               |                       |  |
| 2-Oct-2009  | -25.08  | -31.46  | -32.99  |      |      |      |                          |                        |                               |                       |  |
| 2-Oct-2009  | -25.39  | -31.57  | -33.51  |      |      |      |                          |                        |                               |                       |  |
| 2-Oct-2009  | -25.51  | -31.76  | -33.55  |      |      |      |                          |                        |                               |                       |  |
| 2-Oct-2009  | -25.65  | -31.61  | -33.83  |      |      |      |                          |                        |                               |                       |  |
| 3-Oct-2009  | -25.99  | -31.76  | -34.20  |      |      |      |                          |                        |                               |                       |  |
| 3-Oct-2009  | -26.36  | -31.88  | -34.43  |      |      |      |                          |                        |                               |                       |  |
| 3-Oct-2009  | -26.55  | -31.97  | -34.66  |      |      |      |                          |                        |                               |                       |  |
| 3-Oct-2009  | -26.73  | -31.97  | -34.97  |      |      |      |                          |                        |                               |                       |  |
| 4-Oct-2009  | -27.19  | -32.03  | -34.74  |      |      |      |                          |                        |                               |                       |  |
| 4-Oct-2009  | -27.28  | -32.00  | -35.01  |      |      |      |                          |                        |                               |                       |  |
| 4-Oct-2009  | -27.31  | -32.43  | -34.85  |      |      |      |                          |                        |                               |                       |  |
| 4-Oct-2009  | -27.57  | -32.25  | -34.87  |      |      |      |                          |                        |                               |                       |  |
| 5-Oct-2009  | -26.60  | -32.35  | -35.10  |      |      |      |                          | 0.31                   | 0.26                          |                       |  |
| 5-Oct-2009  | -25.21  | -32.52  | -34.92  |      |      |      |                          |                        |                               |                       |  |
| 5-Oct-2009  | -23.43  | -32.49  | -35.01  |      |      |      |                          |                        |                               |                       |  |
| 5-Oct-2009  | -21.60  | -32.52  | -35.05  |      |      |      |                          |                        |                               |                       |  |
| 6-Oct-2009  | -20.83  | -32.61  | -35.01  |      |      |      |                          | 0.06                   | 0.03                          |                       |  |
| 6-Oct-2009  | -20.52  | -32.69  | -35.05  |      |      |      |                          |                        |                               |                       |  |
| 6-Oct-2009  | -20.36  | -32.77  | -35.09  |      |      |      |                          |                        |                               |                       |  |
| 6-Oct-2009  | -20.36  | -32.77  | -34.95  |      |      |      |                          |                        |                               |                       |  |
| 7-Oct-2009  | -20.82  | -32.77  | -34.85  |      |      |      |                          |                        |                               |                       |  |
| 7-Oct-2009  | -21.67  | -32.77  | -35.10  |      |      |      |                          |                        |                               |                       |  |
| 7-Oct-2009  | -22.12  | -33.02  | -34.83  |      |      |      |                          |                        |                               |                       |  |
| 7-Oct-2009  | -22.53  | -32.91  | -34.79  |      |      |      |                          |                        |                               |                       |  |

|             |         |         |         |     |     |     |                          |                        | Weather Station Rainfall Data |                     |                       |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------|------------------------|-------------------------------|---------------------|-----------------------|
| Date        |         |         |         |     |     |     | On-site Manual Raingauge | On-site Auto Rainguage | On-site Auto RG Totals        | Dunn Daily Rainfall | Dunn Monthly Rainfall |
| dd-mmm-yyyy | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 |                          |                        |                               |                     |                       |
| 8-Oct-2009  | -23.04  | -33.03  | -34.93  |     |     |     |                          |                        |                               |                     |                       |
| 8-Oct-2009  | -23.71  | -33.24  | -35.05  |     |     |     |                          |                        |                               |                     |                       |
| 8-Oct-2009  | -24.02  | -33.39  | -35.03  |     |     |     |                          |                        |                               |                     |                       |
| 8-Oct-2009  | -24.12  | -33.45  | -34.96  |     |     |     |                          |                        |                               |                     |                       |
| 9-Oct-2009  | -24.46  | -33.50  | -34.93  |     |     |     |                          |                        |                               |                     |                       |
| 9-Oct-2009  | -25.10  | -33.47  | -35.07  |     |     |     |                          |                        |                               |                     |                       |
| 9-Oct-2009  | -25.24  | -33.65  | -35.07  |     |     |     |                          |                        |                               |                     |                       |
| 9-Oct-2009  | -25.45  | -33.57  | -34.98  |     |     |     |                          |                        |                               |                     |                       |
| 10-Oct-2009 | -25.70  | -33.61  | -34.89  |     |     |     |                          |                        |                               |                     |                       |
| 10-Oct-2009 | -26.12  | -33.66  | -35.02  |     |     |     |                          |                        |                               |                     |                       |
| 10-Oct-2009 | -26.36  | -33.81  | -34.95  |     |     |     |                          |                        |                               |                     |                       |
| 10-Oct-2009 | -22.27  | -33.77  | -35.07  |     |     |     |                          |                        |                               |                     |                       |
| 11-Oct-2009 | -20.23  | -33.80  | -35.02  |     |     |     |                          | 0.34                   |                               | 0.19                |                       |
| 11-Oct-2009 | -20.23  | -33.84  | -35.02  |     |     |     |                          |                        |                               |                     |                       |
| 11-Oct-2009 | -20.53  | -33.78  | -34.90  |     |     |     |                          |                        |                               |                     |                       |
| 11-Oct-2009 | -20.68  | -33.66  | -34.92  |     |     |     |                          |                        |                               |                     |                       |
| 12-Oct-2009 | -20.86  | -33.72  | -34.91  |     |     |     |                          | 0.12                   |                               | 0.13                |                       |
| 12-Oct-2009 | -20.07  | -33.75  | -35.08  |     |     |     |                          |                        |                               |                     |                       |
| 12-Oct-2009 | -19.18  | -33.89  | -34.90  |     |     |     |                          |                        |                               |                     |                       |
| 12-Oct-2009 | -18.98  | -33.74  | -35.09  |     |     |     |                          |                        |                               |                     |                       |
| 13-Oct-2009 | -19.27  | -33.77  | -35.10  |     |     |     |                          |                        |                               |                     |                       |
| 13-Oct-2009 | -20.01  | -33.87  | -35.15  |     |     |     |                          |                        |                               |                     |                       |
| 13-Oct-2009 | -20.34  | -33.90  | -35.04  |     |     |     |                          |                        |                               |                     |                       |
| 13-Oct-2009 | -20.53  | -33.72  | -35.15  |     |     |     |                          |                        |                               |                     |                       |
| 14-Oct-2009 | -20.49  | -33.83  | -35.05  |     |     |     |                          | 0.42                   |                               | 0.42                |                       |
| 14-Oct-2009 | -16.84  | -33.90  | -34.97  |     |     |     |                          |                        |                               |                     |                       |
| 14-Oct-2009 | -13.17  | -33.86  | -35.01  |     |     |     |                          |                        |                               |                     |                       |
| 14-Oct-2009 | -11.73  | -33.79  | -35.01  |     |     |     |                          |                        |                               |                     |                       |
| 15-Oct-2009 | -11.37  | -33.79  | -35.04  |     |     |     |                          | 0.08                   |                               | 0.10                |                       |
| 15-Oct-2009 | -11.89  | -33.84  | -35.08  |     |     |     |                          |                        |                               |                     |                       |
| 15-Oct-2009 | -12.24  | -33.89  | -35.05  |     |     |     |                          |                        |                               |                     |                       |
| 15-Oct-2009 | -12.78  | -33.80  | -34.91  |     |     |     |                          |                        |                               |                     |                       |
| 16-Oct-2009 | -13.17  | -33.84  | -35.07  |     |     |     |                          | 0.01                   |                               |                     |                       |
| 16-Oct-2009 | -13.83  | -33.85  | -35.02  |     |     |     |                          |                        |                               |                     |                       |
| 16-Oct-2009 | -14.25  | -33.85  | -35.03  |     |     |     |                          |                        |                               |                     |                       |
| 16-Oct-2009 | -14.48  | -33.74  | -34.99  |     |     |     |                          |                        |                               |                     |                       |
| 17-Oct-2009 | -15.22  | -33.87  | -34.97  |     |     |     |                          |                        |                               |                     |                       |
| 17-Oct-2009 | -15.78  | -33.83  | -35.03  |     |     |     |                          |                        |                               |                     |                       |
| 17-Oct-2009 | -16.04  | -33.91  | -34.91  |     |     |     |                          |                        |                               |                     |                       |
| 17-Oct-2009 | -16.20  | -33.83  | -35.03  |     |     |     |                          |                        |                               |                     |                       |
| 18-Oct-2009 | -16.50  | -33.77  | -34.97  |     |     |     |                          |                        |                               |                     |                       |
| 18-Oct-2009 | -16.77  | -33.71  | -34.90  |     |     |     |                          |                        |                               |                     |                       |
| 18-Oct-2009 | -16.88  | -33.83  | -34.98  |     |     |     |                          |                        |                               |                     |                       |
| 18-Oct-2009 | -17.28  | -33.74  | -35.10  |     |     |     |                          |                        |                               |                     |                       |
| 19-Oct-2009 | -17.64  | -33.81  | -35.10  |     |     |     |                          |                        |                               |                     |                       |
| 19-Oct-2009 | -18.12  | -33.92  | -35.16  |     |     |     |                          |                        |                               |                     |                       |
| 19-Oct-2009 | -18.44  | -33.97  | -35.23  |     |     |     |                          |                        |                               |                     |                       |
| 19-Oct-2009 | -18.58  | -33.81  | -35.23  |     |     |     |                          |                        |                               |                     |                       |
| 20-Oct-2009 | -19.05  | -33.87  | -35.14  |     |     |     |                          |                        |                               |                     |                       |
| 20-Oct-2009 | -19.57  | -33.92  | -35.14  |     |     |     |                          |                        |                               |                     |                       |
| 20-Oct-2009 | -19.65  | -33.93  | -35.10  |     |     |     |                          |                        |                               |                     |                       |
| 20-Oct-2009 | -19.77  | -33.87  | -35.03  |     |     |     |                          |                        |                               |                     |                       |
| 21-Oct-2009 | -20.24  | -33.72  | -35.14  |     |     |     |                          |                        |                               |                     |                       |
| 21-Oct-2009 | -20.76  | -33.84  | -35.17  |     |     |     |                          |                        |                               |                     |                       |
| 21-Oct-2009 | -20.82  | -33.91  | -35.04  |     |     |     |                          |                        |                               |                     |                       |
| 21-Oct-2009 | -20.94  | -33.85  | -35.11  |     |     |     |                          |                        |                               |                     |                       |
| 22-Oct-2009 | -21.33  | -33.84  | -35.10  |     |     |     |                          |                        |                               |                     |                       |
| 22-Oct-2009 | -21.85  | -33.85  | -35.11  |     |     |     |                          |                        |                               |                     |                       |
| 22-Oct-2009 | -22.00  | -33.97  | -34.99  |     |     |     |                          |                        |                               |                     |                       |
| 22-Oct-2009 | -22.03  | -33.81  | -35.05  |     |     |     |                          |                        |                               |                     |                       |
| 23-Oct-2009 | -22.34  | -33.84  | -35.11  |     |     |     |                          | 0.02                   |                               |                     |                       |
| 23-Oct-2009 | -22.68  | -33.83  | -35.19  |     |     |     |                          |                        |                               |                     |                       |
| 23-Oct-2009 | -22.76  | -33.97  | -34.97  |     |     |     |                          |                        |                               |                     |                       |
| 23-Oct-2009 | -22.66  | -33.80  | -35.13  |     |     |     |                          |                        |                               |                     |                       |
| 24-Oct-2009 | -22.72  | -33.81  | -35.15  |     |     |     |                          | 0.01                   |                               | 0.09                |                       |
| 24-Oct-2009 | -23.01  | -33.85  | -35.04  |     |     |     |                          |                        |                               |                     |                       |
| 24-Oct-2009 | -23.16  | -33.86  | -34.87  |     |     |     |                          |                        |                               |                     |                       |
| 24-Oct-2009 | -23.56  | -33.79  | -35.07  |     |     |     |                          |                        |                               |                     |                       |
| 25-Oct-2009 | -23.78  | -33.81  | -35.04  |     |     |     |                          | 0.01                   |                               |                     |                       |
| 25-Oct-2009 | -23.89  | -33.86  | -35.17  |     |     |     |                          |                        |                               |                     |                       |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1 | CG2 | CG3 | On-site<br>Manual<br>Raingauge | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|-----|-----|-----|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |     |     |     |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 25-Oct-2009 | -24.08  | -33.99  | -35.08  |     |     |     |                                |                           |                           |                                  |                             |
| 25-Oct-2009 | -24.34  | -33.85  | -35.13  |     |     |     |                                |                           |                           |                                  |                             |
| 26-Oct-2009 | -24.27  | -33.92  | -35.13  |     |     |     |                                | 0.05                      |                           | 0.19                             |                             |
| 26-Oct-2009 | -24.18  | -33.93  | -35.05  |     |     |     |                                |                           |                           |                                  |                             |
| 26-Oct-2009 | -23.82  | -33.85  | -35.15  |     |     |     |                                |                           |                           |                                  |                             |
| 26-Oct-2009 | -23.26  | -33.92  | -35.14  |     |     |     |                                |                           |                           |                                  |                             |
| 27-Oct-2009 | -23.02  | -33.93  | -34.96  |     |     |     |                                | 0.06                      |                           | 0.07                             |                             |
| 27-Oct-2009 | -22.88  | -33.83  | -34.98  |     |     |     |                                |                           |                           |                                  |                             |
| 27-Oct-2009 | -22.41  | -33.77  | -35.09  |     |     |     |                                |                           |                           |                                  |                             |
| 27-Oct-2009 | -11.62  | -33.78  | -35.14  |     |     |     |                                |                           |                           |                                  |                             |
| 28-Oct-2009 | -11.44  | -33.83  | -35.21  |     |     |     |                                | 0.51                      |                           | 0.27                             |                             |
| 28-Oct-2009 | -12.37  | -33.92  | -35.09  |     |     |     |                                |                           |                           |                                  |                             |
| 28-Oct-2009 | -12.91  | -33.89  | -34.92  |     |     |     |                                |                           |                           |                                  |                             |
| 28-Oct-2009 | -13.28  | -33.84  | -35.02  |     |     |     |                                |                           |                           |                                  |                             |
| 29-Oct-2009 | -14.18  | -33.77  | -35.01  |     |     |     |                                |                           |                           |                                  |                             |
| 29-Oct-2009 | -14.64  | -33.72  | -35.20  |     |     |     |                                |                           |                           |                                  |                             |
| 29-Oct-2009 | -14.89  | -33.87  | -35.03  |     |     |     |                                |                           |                           |                                  |                             |
| 29-Oct-2009 | -15.14  | -33.75  | -34.97  |     |     |     |                                |                           |                           |                                  |                             |
| 30-Oct-2009 | -15.49  | -33.72  | -35.10  |     |     |     |                                |                           |                           |                                  |                             |
| 30-Oct-2009 | -15.98  | -33.80  | -35.07  |     |     |     |                                |                           |                           |                                  |                             |
| 30-Oct-2009 | -16.15  | -33.79  | -34.99  |     |     |     |                                |                           |                           |                                  |                             |
| 30-Oct-2009 | -16.18  | -33.66  | -35.19  |     |     |     |                                |                           |                           |                                  |                             |
| 31-Oct-2009 | -15.73  | -33.79  | -35.17  |     |     |     |                                | 0.05                      |                           | 0.08                             |                             |
| 31-Oct-2009 | -16.18  | -33.79  | -35.07  |     |     |     |                                |                           |                           |                                  |                             |
| 31-Oct-2009 | -16.30  | -33.83  | -34.97  |     |     |     |                                |                           |                           |                                  |                             |
| 31-Oct-2009 | -16.56  | -33.68  | -35.02  |     |     |     |                                |                           | 2.05                      |                                  | 1.83                        |
| 1-Nov-2009  | -16.36  | -33.65  | -35.10  |     |     |     |                                | 0.04                      |                           | 0.02                             |                             |
| 1-Nov-2009  | -16.63  | -33.75  | -35.08  |     |     |     |                                |                           |                           |                                  |                             |
| 1-Nov-2009  | -16.78  | -33.72  | -35.16  |     |     |     |                                |                           |                           |                                  |                             |
| 1-Nov-2009  | -16.99  | -33.78  | -35.01  |     |     |     |                                |                           |                           |                                  |                             |
| 2-Nov-2009  | -17.08  | -33.73  | -35.07  |     |     |     |                                |                           |                           |                                  |                             |
| 2-Nov-2009  | -17.54  | -33.81  | -35.13  |     |     |     |                                |                           |                           |                                  |                             |
| 2-Nov-2009  | -17.62  | -33.72  | -35.10  |     |     |     |                                |                           |                           |                                  |                             |
| 2-Nov-2009  | -17.82  | -33.73  | -35.14  |     |     |     |                                |                           |                           |                                  |                             |
| 3-Nov-2009  | -18.15  | -33.72  | -35.17  |     |     |     |                                |                           |                           |                                  |                             |
| 3-Nov-2009  | -18.70  | -33.77  | -35.17  |     |     |     |                                |                           |                           |                                  |                             |
| 3-Nov-2009  | -19.04  | -33.86  | -35.21  |     |     |     |                                |                           |                           |                                  |                             |
| 3-Nov-2009  | -19.06  | -33.73  | -35.14  |     |     |     |                                |                           |                           |                                  |                             |
| 4-Nov-2009  | -19.53  | -33.78  | -35.17  |     |     |     |                                |                           |                           |                                  |                             |
| 4-Nov-2009  | -19.81  | -33.81  | -35.27  |     |     |     |                                |                           |                           |                                  |                             |
| 4-Nov-2009  | -19.93  | -33.86  | -35.14  |     |     |     |                                |                           |                           |                                  |                             |
| 4-Nov-2009  | -20.14  | -33.83  | -35.04  |     |     |     |                                |                           |                           |                                  |                             |
| 5-Nov-2009  | -20.42  | -33.83  | -35.11  |     |     |     |                                |                           |                           |                                  |                             |
| 5-Nov-2009  | -20.95  | -33.86  | -35.09  |     |     |     |                                |                           |                           |                                  |                             |
| 5-Nov-2009  | -21.13  | -33.81  | -35.07  |     |     |     |                                |                           |                           |                                  |                             |
| 5-Nov-2009  | -21.27  | -33.75  | -35.02  |     |     |     |                                |                           |                           |                                  |                             |
| 6-Nov-2009  | -21.63  | -33.74  | -35.14  |     |     |     |                                |                           |                           |                                  |                             |
| 6-Nov-2009  | -21.84  | -33.80  | -35.23  |     |     |     |                                |                           |                           |                                  |                             |
| 6-Nov-2009  | -22.22  | -33.92  | -35.10  |     |     |     |                                |                           |                           |                                  |                             |
| 6-Nov-2009  | -22.28  | -33.81  | -35.10  |     |     |     |                                |                           |                           |                                  |                             |
| 7-Nov-2009  | -22.47  | -33.87  | -35.11  |     |     |     |                                |                           |                           |                                  |                             |
| 7-Nov-2009  | -22.96  | -33.79  | -35.11  |     |     |     |                                |                           |                           |                                  |                             |
| 7-Nov-2009  | -23.16  | -33.79  | -35.11  |     |     |     |                                |                           |                           |                                  |                             |
| 7-Nov-2009  | -23.22  | -33.89  | -35.22  |     |     |     |                                |                           |                           |                                  |                             |
| 8-Nov-2009  | -23.52  | -33.87  | -35.23  |     |     |     |                                |                           |                           |                                  |                             |
| 8-Nov-2009  | -23.78  | -33.87  | -35.22  |     |     |     |                                |                           |                           |                                  |                             |
| 8-Nov-2009  | -24.00  | -33.93  | -35.05  |     |     |     |                                |                           |                           |                                  |                             |
| 8-Nov-2009  | -24.04  | -33.73  | -35.09  |     |     |     |                                |                           |                           |                                  |                             |
| 9-Nov-2009  | -24.34  | -33.81  | -35.11  |     |     |     |                                |                           |                           |                                  |                             |
| 9-Nov-2009  | -24.52  | -33.80  | -35.11  |     |     |     |                                |                           |                           |                                  |                             |
| 9-Nov-2009  | -24.69  | -33.84  | -35.09  |     |     |     |                                |                           |                           |                                  |                             |
| 9-Nov-2009  | -24.73  | -33.75  | -35.09  |     |     |     |                                |                           |                           |                                  |                             |
| 10-Nov-2009 | -24.48  | -33.85  | -35.15  |     |     |     |                                | 0.94                      |                           | 0.08                             |                             |
| 10-Nov-2009 | -23.82  | -33.84  | -35.10  |     |     |     |                                |                           |                           |                                  |                             |
| 10-Nov-2009 | -4.17   | -33.83  | -34.99  |     |     |     |                                |                           |                           |                                  |                             |
| 10-Nov-2009 | -3.22   | -33.77  | -29.74  |     |     |     |                                |                           |                           |                                  |                             |
| 11-Nov-2009 | -1.88   | -7.98   | -3.85   |     |     |     |                                | 2.34                      |                           | 0.16                             |                             |
| 11-Nov-2009 | 1.80    | -3.17   | -1.50   |     |     |     |                                |                           |                           |                                  |                             |
| 11-Nov-2009 | 1.83    | -0.14   | -2.35   |     |     |     |                                |                           |                           |                                  |                             |
| 11-Nov-2009 | 2.08    | -0.98   | -2.16   |     |     |     |                                |                           |                           |                                  |                             |

| Date        | BD RAW1 | BD RAW2 | BD RAW3 | CG1  | CG2  | CG3  | On-site<br>Manual<br>Raingauge | On-site Auto<br>Rainguage | On-site Auto<br>RG Totals | Weather Station Rainfall<br>Data |                             |
|-------------|---------|---------|---------|------|------|------|--------------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|
|             |         |         |         |      |      |      |                                |                           |                           | Dunn Daily<br>Rainfall           | Dunn<br>Monthly<br>Rainfall |
| 12-Nov-2009 | 1.10    | -0.96   | -2.52   |      |      |      |                                | 0.37                      |                           | 0.01                             |                             |
| 12-Nov-2009 | 0.36    | -1.16   | -2.70   |      |      |      |                                |                           |                           |                                  |                             |
| 12-Nov-2009 | -0.37   | -1.85   | -2.69   |      |      |      |                                |                           |                           |                                  |                             |
| 12-Nov-2009 | -0.85   | -2.06   | -2.97   |      |      |      |                                |                           |                           |                                  |                             |
| 13-Nov-2009 | -1.26   | -2.30   | -3.05   |      |      |      |                                | 0.01                      |                           |                                  |                             |
| 13-Nov-2009 | -1.59   | -2.41   | -3.27   |      |      |      |                                |                           |                           |                                  |                             |
| 13-Nov-2009 | -1.98   | -2.67   | -3.45   |      |      |      |                                |                           |                           |                                  |                             |
| 13-Nov-2009 | -2.40   | -2.83   | -3.52   |      |      |      |                                |                           |                           |                                  |                             |
| 14-Nov-2009 | -2.64   | -2.97   | -3.85   |      |      |      |                                |                           |                           |                                  |                             |
| 14-Nov-2009 | -2.79   | -3.18   | -4.03   |      |      |      |                                |                           |                           |                                  |                             |
| 14-Nov-2009 | -3.03   | -3.38   | -4.07   |      |      |      |                                |                           |                           |                                  |                             |
| 14-Nov-2009 | -3.22   | -3.44   | -4.15   |      |      |      |                                |                           |                           |                                  |                             |
| 15-Nov-2009 | -3.43   | -3.60   | -4.31   |      |      |      |                                |                           |                           |                                  |                             |
| 15-Nov-2009 | -3.55   | -3.75   | -4.51   |      |      |      |                                |                           |                           |                                  |                             |
| 15-Nov-2009 | -3.69   | -3.98   | -4.62   |      |      |      |                                |                           |                           |                                  |                             |
| 15-Nov-2009 | -3.79   | -4.10   | -4.73   |      |      |      |                                |                           |                           |                                  |                             |
| 16-Nov-2009 | -4.00   | -4.33   | -4.79   |      |      |      |                                |                           |                           |                                  |                             |
| 16-Nov-2009 | -3.85   | -4.43   | -5.03   |      |      |      |                                |                           |                           |                                  |                             |
| 16-Nov-2009 | -3.81   | -4.67   | -4.99   |      |      |      |                                |                           |                           |                                  |                             |
| 16-Nov-2009 | -4.06   | -4.57   | -5.04   |      |      |      |                                |                           |                           |                                  |                             |
| 17-Nov-2009 |         | -4.65   | -5.17   |      |      |      |                                |                           |                           |                                  |                             |
| 17-Nov-2009 |         | -5.07   |         | 0.00 | 0.00 | 0.00 | 6.83                           |                           |                           |                                  |                             |
| 17-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 17-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 18-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 18-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 18-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 18-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 19-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 19-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 19-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 19-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 20-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 20-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 20-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 20-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 21-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 21-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 21-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 21-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 22-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 22-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 22-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 22-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 23-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 23-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 23-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 23-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 24-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 25-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 25-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 25-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 25-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 26-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 26-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 26-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 27-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 27-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 27-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 27-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 28-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 28-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 28-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 28-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 28-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 29-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 29-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |
| 29-Nov-2009 |         |         |         |      |      |      |                                |                           |                           |                                  |                             |

## **APPENDIX D**

### **2009 Site Photos**

*Beaverdam Mitigation Site*  
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SPA1 – Erosion on right bank @ station 107+15 (UT1-C)



SPA2 – Piping around header rock on rock A-vane @ station 133+40 (UT1-A)

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SPA3 – Piping around header rock on rock A-vane @ station 134+40 (UT1-A)



SPA4 – Piping around header rock on rock A-vane @ station 211+00 (UT2)

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SPA5 – Piping around header rock on rock A-vane @ station 211+30 (UT2)



SPA6 – Erosion on left bank @ station 329+50 (UT3)

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SPA7 – Erosion on left bank @ station 330+50 (UT3)



SPA8 – Erosion on left bank @ station 334+00 (UT3)

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Log Cross Vane (typical)



Pool (typical)

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Riffle (typical)



Log weir (typical)

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Root wad (typical)



Rock cross vane (typical)

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Vegetation Plot #1



Vegetation Plot #2

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Vegetation Plot #3



Vegetation Plot #4

*Beaverdam Mitigation Site*  
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Vegetation Plot #5



Vegetation Plot #6

*Beaverdam Mitigation Site*  
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Vegetation Plot #7



Vegetation Plot #8

*Beaverdam Mitigation Site*  
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Vegetation Plot #9



Vegetation Plot #10

*Beaverdam Mitigation Site*  
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Vegetation Plot #11



Vegetation Plot #12

*Beaverdam Mitigation Site*  
**FINAL - Annual Monitoring Report for 2009 (Year 2)**



Vegetation Plot #13

## **APPENDIX E**

### **2009 Morphologic Monitoring Parameters**

| Parameter                                  | Cross Section 1<br>Pool   |      |      |     |     |     | Cross Section 2<br>Riffle  |      |      |     |     |     | Cross Section 3<br>Pool    |      |      |     |     |     | Cross Section 4<br>Riffle |      |      |     |     |     |
|--|---------------------------|------|------|-----|-----|-----|----------------------------|------|------|-----|-----|-----|----------------------------|------|------|-----|-----|-----|---------------------------|------|------|-----|-----|-----|
| Dimension                                  | Base                      | MY1  | MY2  | MY3 | MY4 | MY5 | Base                       | MY1  | MY2  | MY3 | MY4 | MY5 | Base                       | MY1  | MY2  | MY3 | MY4 | MY5 | Base                      | MY1  | MY2  | MY3 | MY4 | MY5 |
| BF Width (ft)                              | 28.4                      | 26.4 | 25.0 |     |     |     | 25.3                       | 24.4 | 22.8 |     |     |     | 26.6                       | 21.8 | 20.8 |     |     |     | 22.8                      | 22.8 | 24.8 |     |     |     |
| Floodprone Width (ft)                      | 75.6                      | 75.8 | 75.6 |     |     |     | 62.5                       | 62.5 | 62.7 |     |     |     | 72.9                       | 72.4 | 73.0 |     |     |     | 70.0                      | 68.4 | 62.8 |     |     |     |
| BF Cross Sectional Area (ft <sup>2</sup> ) | 31.7                      | 26.4 | 23.4 |     |     |     | 18.1                       | 16.2 | 11.4 |     |     |     | 22.8                       | 19.2 | 19.0 |     |     |     | 11.7                      | 11.6 | 12.9 |     |     |     |
| BF Mean Depth (ft)                         | 1.1                       | 1.0  | 0.9  |     |     |     | 0.7                        | 0.7  | 0.5  |     |     |     | 0.9                        | 0.9  | 0.9  |     |     |     | 0.5                       | 0.5  | 0.5  |     |     |     |
| BF Max Depth (ft)                          | 2.6                       | 2.5  | 2.4  |     |     |     | 1.4                        | 1.3  | 1.1  |     |     |     | 2.2                        | 2.0  | 2.1  |     |     |     | 1.4                       | 1.3  | 1.4  |     |     |     |
| Width/Depth Ratio                          | 25.5                      | 26.2 | 26.8 |     |     |     | 35.2                       | 36.6 | 45.9 |     |     |     | 31.0                       | 24.7 | 22.7 |     |     |     | 44.4                      | 44.8 | 47.7 |     |     |     |
| Entrenchment Ratio                         | 2.7                       | 2.9  | 3.0  |     |     |     | 2.5                        | 2.6  | 2.7  |     |     |     | 2.7                        | 3.3  | 3.5  |     |     |     | 3.1                       | 3.0  | 2.5  |     |     |     |
| Wetted Perimeter(ft)                       | 29.1                      | 26.9 | 25.7 |     |     |     | 25.5                       | 24.6 | 23.0 |     |     |     | 27.2                       | 22.3 | 21.4 |     |     |     | 23.2                      | 23.1 | 25.2 |     |     |     |
| Hydraulic radius (ft)                      | 1.1                       | 1.0  | 0.9  |     |     |     | 0.7                        | 0.7  | 0.5  |     |     |     | 0.8                        | 0.9  | 0.9  |     |     |     | 0.5                       | 0.5  | 0.5  |     |     |     |
| Parameter                                  | Cross Section 5<br>Riffle |      |      |     |     |     | Cross Section 6<br>Pool    |      |      |     |     |     | Cross Section 7<br>Pool    |      |      |     |     |     | Cross Section 8<br>Riffle |      |      |     |     |     |
| Dimension                                  | Base                      | MY1  | MY2  | MY3 | MY4 | MY5 | Base                       | MY1  | MY2  | MY3 | MY4 | MY5 | Base                       | MY1  | MY2  | MY3 | MY4 | MY5 | Base                      | MY1  | MY2  | MY3 | MY4 | MY5 |
| BF Width (ft)                              | 7.6                       | 7.5  | 8.7  |     |     |     | 9.0                        | 9.2  | 9.7  |     |     |     | 7.9                        | 9.8  | 9.4  |     |     |     | 6.9                       | 7.3  | 7.7  |     |     |     |
| Floodprone Width (ft)                      | 24.4                      | 26.0 | 27.1 |     |     |     | 29.9                       | 31.9 | 31.3 |     |     |     | 27.0                       | 29.3 | 29.0 |     |     |     | 21.9                      | 24.0 | 22.4 |     |     |     |
| BF Cross Sectional Area (ft <sup>2</sup> ) | 5.0                       | 5.0  | 4.7  |     |     |     | 8.4                        | 8.7  | 6.9  |     |     |     | 8.7                        | 10.7 | 10.6 |     |     |     | 4.4                       | 4.7  | 4.8  |     |     |     |
| BF Mean Depth (ft)                         | 0.7                       | 0.7  | 0.5  |     |     |     | 0.9                        | 0.9  | 0.7  |     |     |     | 1.1                        | 1.1  | 1.1  |     |     |     | 0.6                       | 0.6  | 0.6  |     |     |     |
| BF Max Depth (ft)                          | 1.2                       | 1.4  | 1.4  |     |     |     | 1.7                        | 2.0  | 1.6  |     |     |     | 2.0                        | 2.2  | 2.3  |     |     |     | 1.2                       | 1.4  | 1.2  |     |     |     |
| Width/Depth Ratio                          | 11.4                      | 11.1 | 16.3 |     |     |     | 9.5                        | 9.8  | 13.6 |     |     |     | 7.2                        | 9.0  | 8.3  |     |     |     | 10.7                      | 11.3 | 12.4 |     |     |     |
| Entrenchment Ratio                         | 3.2                       | 3.5  | 27.1 |     |     |     | 3.3                        | 3.5  | 3.2  |     |     |     | 3.4                        | 3.0  | 3.1  |     |     |     | 3.2                       | 3.3  | 2.9  |     |     |     |
| Wetted Perimeter(ft)                       | 8.0                       | 8.0  | 9.2  |     |     |     | 9.6                        | 10.1 | 10.3 |     |     |     | 9.0                        | 11.0 | 10.9 |     |     |     | 7.3                       | 7.8  | 8.1  |     |     |     |
| Hydraulic radius (ft)                      | 0.6                       | 0.6  | 0.5  |     |     |     | 0.9                        | 0.9  | 0.7  |     |     |     | 1.0                        | 1.0  | 1.0  |     |     |     | 0.6                       | 0.6  | 0.6  |     |     |     |
| Parameter                                  | Cross Section 9<br>Pool   |      |      |     |     |     | Cross Section 10<br>Riffle |      |      |     |     |     | Cross Section 11<br>Riffle |      |      |     |     |     | Cross Section 12<br>Pool  |      |      |     |     |     |
| Dimension                                  | Base                      | MY1  | MY2  | MY3 | MY4 | MY5 | Base                       | MY1  | MY2  | MY3 | MY4 | MY5 | Base                       | MY1  | MY2  | MY3 | MY4 | MY5 | Base                      | MY1  | MY2  | MY3 | MY4 | MY5 |
| BF Width (ft)                              | 18.5                      | 19.7 | 19.9 |     |     |     | 16.4                       | 15.1 | 16.1 |     |     |     | 9.8                        | 11.8 | 11.5 |     |     |     | 19.5                      | 19.8 | 18.8 |     |     |     |
| Floodprone Width (ft)                      | 75.5                      | 75.4 | 75.3 |     |     |     | 76.8                       | 76.8 | 76.7 |     |     |     | 77.4                       | 77.4 | 77.4 |     |     |     | 90.9                      | 91.1 | 91.1 |     |     |     |
| BF Cross Sectional Area (ft <sup>2</sup> ) | 29.3                      | 25.9 | 25.0 |     |     |     | 18.4                       | 16.5 | 15.8 |     |     |     | 6.8                        | 9.0  | 8.7  |     |     |     | 22.2                      | 20.4 | 18.5 |     |     |     |
| BF Mean Depth (ft)                         | 1.6                       | 1.3  | 1.3  |     |     |     | 1.1                        | 1.1  | 1.0  |     |     |     | 0.7                        | 0.8  | 0.8  |     |     |     | 1.1                       | 1.0  | 1.0  |     |     |     |
| BF Max Depth (ft)                          | 3.8                       | 3.1  | 3.0  |     |     |     | 2.5                        | 2.1  | 2.1  |     |     |     | 1.3                        | 1.5  | 1.5  |     |     |     | 2.7                       | 2.6  | 2.5  |     |     |     |
| Width/Depth Ratio                          | 11.8                      | 14.9 | 15.8 |     |     |     | 14.6                       | 13.7 | 16.3 |     |     |     | 14.0                       | 15.4 | 15.1 |     |     |     | 17.2                      | 19.2 | 19.7 |     |     |     |
| Entrenchment Ratio                         | 4.1                       | 3.8  | 3.8  |     |     |     | 4.7                        | 5.1  | 4.8  |     |     |     | 7.9                        | 6.6  | 6.7  |     |     |     | 4.7                       | 4.6  | 4.8  |     |     |     |
| Wetted Perimeter(ft)                       | 20.7                      | 20.9 | 20.9 |     |     |     | 17.3                       | 15.8 | 16.8 |     |     |     | 10.1                       | 12.2 | 11.9 |     |     |     | 20.4                      | 20.8 | 19.1 |     |     |     |
| Hydraulic radius (ft)                      | 1.4                       | 1.2  | 1.2  |     |     |     | 1.1                        | 1.0  | 0.9  |     |     |     | 0.7                        | 0.7  | 0.7  |     |     |     | 1.1                       | 1.0  | 0.9  |     |     |     |

| Parameter                                  | Cross Section 13 Pool |      |      |     |     |     | Cross Section 14 Riffle |      |      |     |     |     | Cross Section 15 Pool |      |      |     |     |     | Cross Section 16 Riffle |      |      |     |     |     |
|--|-----------------------|------|------|-----|-----|-----|-------------------------|------|------|-----|-----|-----|-----------------------|------|------|-----|-----|-----|-------------------------|------|------|-----|-----|-----|
| Dimension                                  | Base                  | MY1  | MY2  | MY3 | MY4 | MY5 | Base                    | MY1  | MY2  | MY3 | MY4 | MY5 | Base                  | MY1  | MY2  | MY3 | MY4 | MY5 | Base                    | MY1  | MY2  | MY3 | MY4 | MY5 |
| BF Width (ft)                              | 18.3                  | 19.4 | 19.5 |     |     |     | 9.0                     | 9.2  | 9.9  |     |     |     | 19.7                  | 24.2 | 24.3 |     |     |     | 9.9                     | 9.0  | 9.1  |     |     |     |
| Floodprone Width (ft)                      | 74.6                  | 74.7 | 74.8 |     |     |     | 77.7                    | 77.7 | 77.5 |     |     |     | 71.7                  | 72.1 | 71.5 |     |     |     | 67.3                    | 67.5 | 67.1 |     |     |     |
| BF Cross Sectional Area (ft <sup>2</sup> ) | 15.8                  | 15.3 | 16.3 |     |     |     | 5.4                     | 4.8  | 5.2  |     |     |     | 18.8                  | 23.0 | 22.2 |     |     |     | 5.8                     | 4.6  | 4.4  |     |     |     |
| BF Mean Depth (ft)                         | 0.9                   | 0.8  | 0.8  |     |     |     | 0.6                     | 0.5  | 0.5  |     |     |     | 1.0                   | 1.0  | 0.9  |     |     |     | 0.6                     | 0.5  | 0.5  |     |     |     |
| BF Max Depth (ft)                          | 2.3                   | 2.0  | 2.1  |     |     |     | 1.2                     | 1.0  | 1.0  |     |     |     | 2.2                   | 2.4  | 2.3  |     |     |     | 1.1                     | 0.9  | 0.9  |     |     |     |
| Width/Depth Ratio                          | 21.3                  | 24.6 | 23.2 |     |     |     | 15.1                    | 17.4 | 18.7 |     |     |     | 20.7                  | 25.4 | 26.5 |     |     |     | 16.9                    | 17.5 | 18.8 |     |     |     |
| Entrenchment Ratio                         | 4.1                   | 3.9  | 3.8  |     |     |     | 8.6                     | 8.5  | 7.8  |     |     |     | 3.6                   | 3.0  | 2.9  |     |     |     | 6.8                     | 7.5  | 7.4  |     |     |     |
| Wetted Perimeter(ft)                       | 19.2                  | 20.0 | 20.1 |     |     |     | 9.3                     | 9.4  | 10.2 |     |     |     | 20.5                  | 25.0 | 24.9 |     |     |     | 10.3                    | 9.3  | 9.4  |     |     |     |
| Hydraulic radius (ft)                      | 0.8                   | 0.8  | 0.8  |     |     |     | 0.6                     | 0.5  | 0.5  |     |     |     | 0.9                   | 0.9  | 0.9  |     |     |     | 0.6                     | 0.5  | 0.5  |     |     |     |
| Parameter                                  | Cross Section 17 Pool |      |      |     |     |     | Cross Section 18 Riffle |      |      |     |     |     | Cross Section 19 Pool |      |      |     |     |     | Cross Section 20 Riffle |      |      |     |     |     |
| Dimension                                  | Base                  | MY1  | MY2  | MY3 | MY4 | MY5 | Base                    | MY1  | MY2  | MY3 | MY4 | MY5 | Base                  | MY1  | MY2  | MY3 | MY4 | MY5 | Base                    | MY1  | MY2  | MY3 | MY4 | MY5 |
| BF Width (ft)                              | 30.6                  | 30.7 | 31.3 |     |     |     | 7.6                     | 7.4  | 7.1  |     |     |     | 19.2                  | 18.5 | 20.5 |     |     |     | 10.5                    | 10.4 | 10.4 |     |     |     |
| Floodprone Width (ft)                      | 60.1                  | 54.7 | 60.1 |     |     |     | 55.8                    | 55.7 | 55.7 |     |     |     | 69.9                  | 64.6 | 71.3 |     |     |     | 72.7                    | 73.1 | 72.6 |     |     |     |
| BF Cross Sectional Area (ft <sup>2</sup> ) | 46.3                  | 45.8 | 44.6 |     |     |     | 9.6                     | 7.5  | 7.9  |     |     |     | 28.2                  | 28.9 | 27.4 |     |     |     | 9.5                     | 9.1  | 8.9  |     |     |     |
| BF Mean Depth (ft)                         | 1.5                   | 1.5  | 1.4  |     |     |     | 1.3                     | 1.0  | 1.1  |     |     |     | 1.5                   | 1.6  | 1.3  |     |     |     | 0.9                     | 0.9  | 0.9  |     |     |     |
| BF Max Depth (ft)                          | 3.7                   | 3.7  | 3.5  |     |     |     | 1.9                     | 1.7  | 1.8  |     |     |     | 3.3                   | 3.2  | 3.1  |     |     |     | 1.7                     | 1.6  | 1.6  |     |     |     |
| Width/Depth Ratio                          | 19.7                  | 20.6 | 22.0 |     |     |     | 6.1                     | 7.3  | 6.5  |     |     |     | 13.1                  | 11.8 | 15.3 |     |     |     | 11.6                    | 11.9 | 12.1 |     |     |     |
| Entrenchment Ratio                         | 2.0                   | 1.8  | 1.9  |     |     |     | 7.3                     | 7.6  | 7.8  |     |     |     | 3.6                   | 3.5  | 3.5  |     |     |     | 6.9                     | 7.0  | 7.0  |     |     |     |
| Wetted Perimeter(ft)                       | 31.5                  | 32.2 | 32.6 |     |     |     | 9.0                     | 8.6  | 8.7  |     |     |     | 20.7                  | 19.7 | 21.7 |     |     |     | 11.1                    | 11.0 | 11.0 |     |     |     |
| Hydraulic radius (ft)                      | 1.5                   | 1.4  | 1.4  |     |     |     | 1.1                     | 0.9  | 0.9  |     |     |     | 1.4                   | 1.5  | 1.3  |     |     |     | 0.9                     | 0.8  | 0.8  |     |     |     |

### Reach UT1-A

| Parameter                   | Baseline |        |        | MY1 |     |     | MY2 |     |     | MY3 |     |     | MY4 |     |     | MY5 |     |     |
|-----------------------------|----------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pattern                     | Min      | Max    | Med    | Min | Max | Med | Min | Max | Med | Min | Max | Med | Min | Max | Med | Min | Max | Med |
| Channel Beltwidth (ft)      | 30.6     | 44.7   | 37.7   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Radius of Curvature (ft)    | 35.5     | 45.3   | 39.7   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Meander Wavelength (ft)     | 138.7    | 167.3  | 153.0  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Meander Width ratio         | 1.7      | 2.5    | 2.1    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Profile                     |          |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Riffle length (ft)          |          |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Riffle slope (ft/ft)        | 0.0033   | 0.0044 | 0.0039 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pool length (ft)            |          |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pool spacing (ft)           | 71.0     | 106.5  | 85.0   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Additional Reach Parameters |          |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Valley Length (ft)          |          |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Channel Length (ft)         | 1210     |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sinuosity                   | 1.16     |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Water Surface Slope (ft/ft) |          |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| BF slope (ft/ft)            |          |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Rosgen Classification       | C        |        |        | C   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

### Reach UT1-B Upper

| Parameter                   | Baseline <sup>1</sup> |        |        | MY1    |        |        | MY2    |        |        | MY3    |     |     | MY4     |     |     | MY5 |     |     |
|-----------------------------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|-----|---------|-----|-----|-----|-----|-----|
| Pattern                     | Min                   | Max    | Med    | Min    | Max    | Med    | Min    | Max    | Med    | Min    | Max | Med | Min     | Max | Med | Min | Max | Med |
| Channel Beltwidth (ft)      | 40.0                  | 65.0   | 52.5   | 90.9   | 99.7   | 96.5   | 38.6   | 55.0   | 49.0   |        |     |     |         |     |     |     |     |     |
| Radius of Curvature (ft)    | 35.5                  | 45.3   | 39.7   | 29.0   | 59.3   | 38.1   | 42.4   | 51.4   | 47.4   |        |     |     |         |     |     |     |     |     |
| Meander Wavelength (ft)     | 157.0                 | 203.7  | 180.4  | 311.7  | 429.5  | 367.6  | 180.5  | 210.3  | 198.5  |        |     |     |         |     |     |     |     |     |
| Meander Width ratio         | 8.7                   | 11.3   | 10.0   | 3.5    | 3.9    | 2.1    | 2.3    | 4.2    | 2.9    |        |     |     |         |     |     |     |     |     |
| Profile                     |                       |        |        |        |        |        |        |        |        |        |     |     |         |     |     |     |     |     |
| Riffle length (ft)          |                       |        |        | 34.3   | 62.6   | 50.6   | 31.8   | 62.5   | 49.1   |        |     |     |         |     |     |     |     |     |
| Riffle slope (ft/ft)        | 0.0014                | 0.0019 | 0.0016 | 0.0002 | 0.0084 | 0.0034 | 0.0009 | 0.0113 | 0.0035 |        |     |     |         |     |     |     |     |     |
| Pool length (ft)            |                       |        |        | 31.7   | 59.8   | 46.1   | 50.1   | 86.9   | 61.8   |        |     |     |         |     |     |     |     |     |
| Pool spacing (ft)           | 61.4                  | 106.5  | 97.8   | 78.2   | 131.8  | 106.0  | 95.7   | 117.7  | 106.3  |        |     |     |         |     |     |     |     |     |
| Additional Reach Parameters |                       |        |        |        |        |        | 548.4  |        |        | 565.56 |     |     |         |     |     |     |     |     |
| Valley Length (ft)          |                       |        |        |        |        |        | 648    |        |        | 619.8  |     |     | 630.62  |     |     |     |     |     |
| Channel Length (ft)         |                       |        |        |        |        |        | 1.16   |        |        | 1.1    |     |     | 1.12    |     |     |     |     |     |
| Water Surface Slope (ft/ft) |                       |        |        |        |        |        |        |        |        | 0.0028 |     |     | 0.00092 |     |     |     |     |     |
| BF slope (ft/ft)            |                       |        |        |        |        |        |        |        |        | 0.0005 |     |     | 0.00055 |     |     |     |     |     |
| Rosgen Classification       | C                     |        |        | C      |        |        | C      |        |        |        |     |     |         |     |     |     |     |     |









### Reach UT3-B Lower

| Parameter                          | Baseline <sup>3</sup> |        |        | MY1 |     |     | MY2 |     |     | MY3 |     |     | MY4 |     |     | MY5 |     |     |
|------------------------------------|-----------------------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pattern                            | Min                   | Max    | Med    | Min | Max | Med | Min | Max | Med | Min | Max | Med | Min | Max | Med | Min | Max | Med |
| Channel Beltwidth (ft)             | 49.6                  | 55.6   | 52.6   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Radius of Curvature (ft)           | 29.0                  | 34.0   | 31.5   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Meander Wavelength (ft)            | 116.8                 | 124.4  | 120.6  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Meander Width ratio                | 10.1                  | 10.7   | 10.4   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Profile</b>                     |                       |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Riffle length (ft)                 |                       |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Riffle slope (ft/ft)               | 0.0035                | 0.0046 | 0.0040 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pool length (ft)                   |                       |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pool spacing (ft)                  | 60.4                  | 79.0   | 69.7   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Additional Reach Parameters</b> |                       |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Valley Length (ft)                 |                       |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Channel Length (ft)                |                       | 422    |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sinuosity                          |                       | 1.19   |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Water Surface Slope (ft/ft)        |                       |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| BF slope (ft/ft)                   |                       |        |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Rosgen Classification              |                       | C      |        |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

### Reach UT3-C

| Parameter                          | Baseline |     |     | MY1 |     |     | MY2 |     |     | MY3 |     |     | MY4 |     |     | MY5 |     |     |
|------------------------------------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pattern                            | Min      | Max | Med | Min | Max | Med | Min | Max | Med | Min | Max | Med | Min | Max | Med | Min | Max | Med |
| Channel Beltwidth (ft)             |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Radius of Curvature (ft)           |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Meander Wavelength (ft)            |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Meander Width ratio                |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Profile</b>                     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Riffle length (ft)                 |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Riffle slope (ft/ft)               |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pool length (ft)                   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pool spacing (ft)                  |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Additional Reach Parameters</b> |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Valley Length (ft)                 |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Channel Length (ft)                |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Sinuosity                          |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Water Surface Slope (ft/ft)        |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| BF slope (ft/ft)                   |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Rosgen Classification              |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

1 – All values except Channel Length include both UT1-B Upper and UT1-B Lower

2 – All values except Channel Length include both UT1-E and UT1-F

3 – All values except Channel Length include both UT3-B Upper and UT3-B Lower

4 – Baseline Profile data derived from **Stream and Wetland Restoration Plan for Beaverdam Swamp Site** report provided by Kimley-Horn and Associates, Inc. (March 28, 2007)