

**Westbrook Mitigation Project
Johnston County, North Carolina**

Year 5 Monitoring Report



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November 2007

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1.0 SUMMARY

This Annual Report details the monitoring activities during the 2007 growing season at the Westbrook Lowgrounds Mitigation Site. Construction of the site, including planting of trees, was completed in February 2003. The 2007 data represents results from the fifth and final year of stream stability, hydrology, and vegetation monitoring for the site.

The design for the Westbrook Lowgrounds site involved the restoration of a Coastal Plain, small stream swamp and associated wet flats as described by Schafale and Weakley (1990). After construction, it was determined that 5,414 feet of stream and 66.2 acres of wetland hydrology were restored. The As-Built survey is included as **Appendix A**.

This Annual Report presents the data from eight hydrologic monitoring stations, thirteen vegetation monitoring stations, and 11 stream cross-sections, as specified by the approved Mitigation Plan for the site. Two of the hydrologic stations are equipped with manual groundwater gauges and six stations are equipped with automated gauges and a manual calibration gauge. Additionally, the gauges are used as points from which photographs are taken over time.

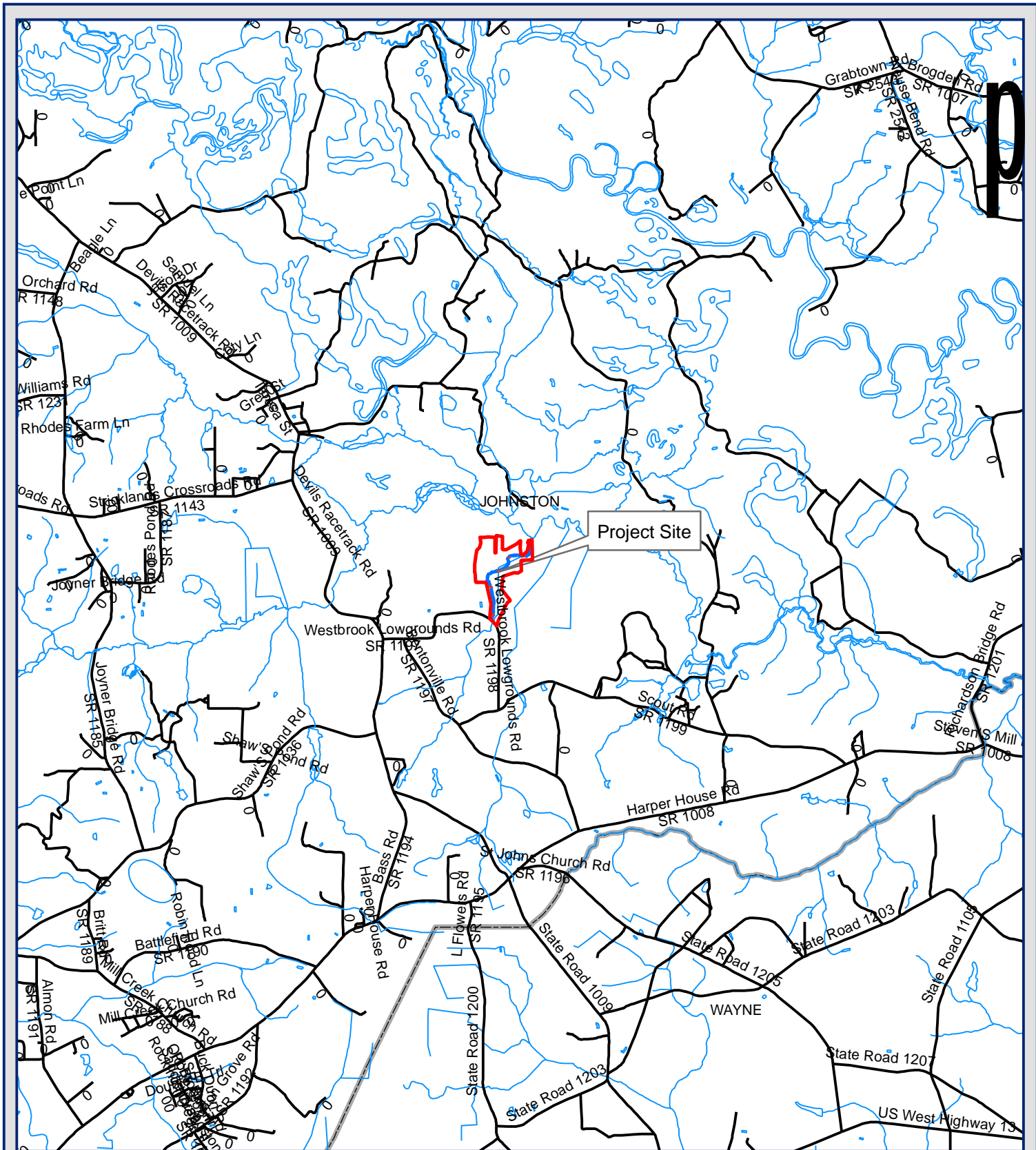
Weather station data from the Smithfield Weather Station were used in conjunction with a manual rain gauge located on the site to document precipitation amounts. The manual gauge is used to validate observations made at the automated station. On-site rainfall measurements were well below normal limits for the growing season due to the severe drought that NC experienced in 2007 (see Section 3.3.2). The 2007 growing season was the third consecutive year with below average rainfall.

In 2007, three of eight hydrology monitoring gauges met the hydrologic success criteria of a hydroperiod of 9 percent of the growing season. The gauges that did not meet success criteria exhibited hydroperiods ranging from 1 percent to 9 percent of the growing season. However, the gauges did correlate with data collected from gauges located on the reference site that also experienced conditions that were drier than normal during the 2007 growing season. Based on these results of Year 1 through Year 5, it is concluded that the site is performing as designed and has achieved the wetland success criteria as specified in the Mitigation Plan for the site.

This Annual Report documents vegetation survival on thirteen vegetation monitoring plots. The final vegetative success criterion is the survival of 260 5-year old planted trees per acre at the end of Year 5 of the monitoring period. In 2007 the vegetation monitoring documented survival rates between 350 and 610 stems per acre. Based on these results, it is concluded that the site has achieved the vegetative success criteria specified in the Mitigation Plan for the site.

The restored stream channel has remained stable throughout the five year monitoring period and is providing the intended habitat and hydrologic functions. As in prior years, all monitored cross sections for 2007 show very little adjustment in stream dimension. Based on this stability being achieved while the stream experienced greater more than two bankfull events during the five year monitoring period, it is concluded that the site has achieved the stream success criteria as specified in the Mitigation Plan for the site.

Based on the results documented in the Year 1 through Year 5 Annual Reports, it is concluded that all success criteria for the site have been achieved in accordance with the approved Mitigation Plan for the site, and that no further monitoring is required.

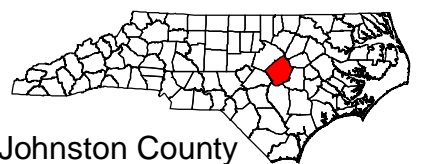


Westbrook
Johnston County
Vicinity Map



Legend

- Streams
- Roads
- Westbrook Site



Johnston County
NTS

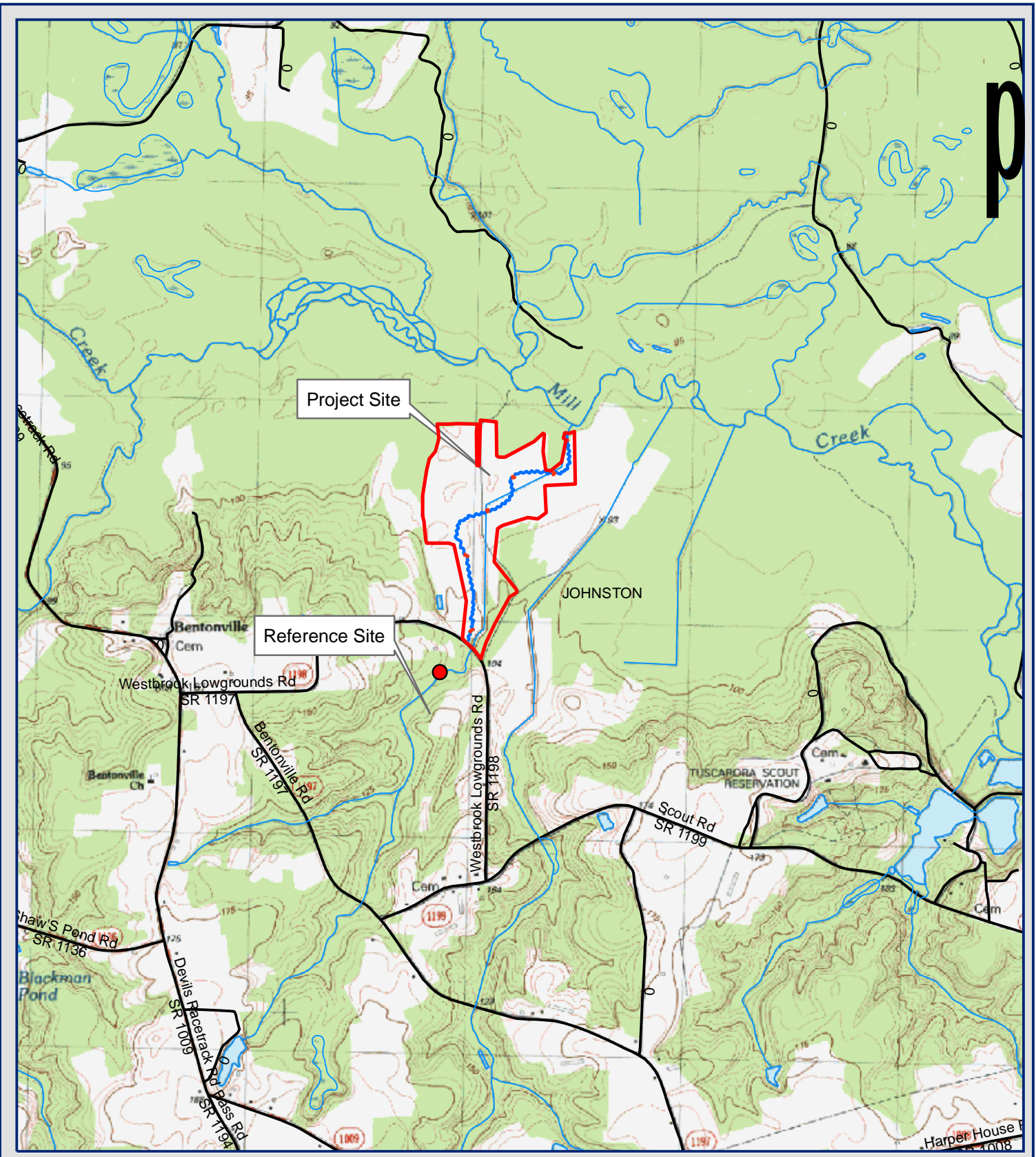
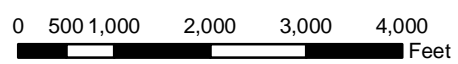


Figure 2
Westbrook
Johnston County
USGS Map



- Streams
- Roads
- Westbrook Site

2.0 INTRODUCTION

2.1 PROJECT

Located in Johnston County, the entire Westbrook Lowgrounds Mitigation Site covers approximately 140 acres and is located approximately one mile east of the town of Bentonville, North Carolina (**Figure 1** and **Figure 2**). The Westbrook Lowgrounds site is designed to restore a Coastal Plain, small stream swamp and associated wet flats as described by Schafale and Weakley (1990). The Coastal Plain, small stream swamp communities exist as the floodplains of small, blackwater streams in which separate fluvial features and associated vegetation are too small or poorly developed to distinguish. Construction was completed in January 2003, and 66.2 acres were planted in February 2003. Groundwater, surface water, and rain gauges were functional beginning March 7, 2003. The 2007 monitoring season represents the fifth and final year of monitoring for the site.

2.2 PROJECT PURPOSE

Monitoring of the Westbrook Lowgrounds Site is required to demonstrate successful mitigation based on the criteria found in the Mitigation Plan, the Neu-Con Umbrella Stream and Wetland Mitigation Bank Instrument, and through a comparison to reference site conditions. Hydrologic, vegetation, and stream monitoring are conducted on an annual basis. Success criteria must be met for five consecutive years. This Annual Report details the results of the monitoring efforts for 2007 (Year 5) at the Westbrook Lowgrounds Mitigation Site.

2.3 PROJECT HISTORY

Table 1 Project History and Schedule

PROJECT HISTORY	
Fall 2002	Approved Mitigation Plan
January 2003	Construction Completed
February 2003	Post-restoration Monitoring Begins
November 2003	1st Annual Monitoring Report
November 2004	2nd Annual Monitoring Report
November 2005	3rd Annual Monitoring Report
November 2006	4th Annual Monitoring Report
November 2007	5th Annual Monitoring Report

3.0 HYDROLOGY

3.1 SUCCESS CRITERIA

As stated in the approved Mitigation Plan, the hydrologic success criteria for the site are to restore the water table so that it will remain within 12 inches of the soil surface for at least 9 percent of the growing season continuously. The growing season for Johnston County is 232 days long, beginning on March 17 and ending November 5, as calculated from National Weather Service Wetlands Determination Tables (WETS) for Johnston County. Data are collected from six automated and two manual groundwater gauges.

The Mitigation Plan further specified that in order for the hydrologic data to be considered successful it must demonstrate wetland conditions are present in normal or dryer than normal conditions.

3.2 DESCRIPTION OF HYDROLOGIC MONITORING EFFORTS

Two manual groundwater gauges, six automated Infinities groundwater gauges, and one rain gauge were installed prior to the beginning of the 2007 growing season (**Figure 3**). Groundwater gauges, both manual and automated, were installed to a minimum depth of at least 32 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 and rainfall totals are collected from the on-site rain gauge.

Automated Gauges

Automatic groundwater gauges record water table elevations twice daily at 08:00 and 20:00. Infinities gauges employ pressure sensors that record water elevation above the bottom of the sensor (with atmospheric pressure compensation). Immediately adjacent to each automatic gauge is a manual calibration gauge. 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.

Manual Gauges

Water table depths are recorded monthly in manual groundwater gauges. To calculate wetland hydroperiods interpolations are made between monthly readings by correlating twice daily automatic gauge readings. Each manual gauge is correlated to an automatic gauge based on proximity, landscape position, and the relationship of their groundwater depth readings (i.e. if their readings are separated by a consistent value). Once the appropriate automatic gauge has been selected, a correction factor is calculated for each monthly gauge reading. A daily rate of change between monthly correction factors is calculated to determine the daily correction factor. The daily correction factor is then applied to the automatic gauge readings to calculate an estimated daily water table depth for the manual gauge. These daily readings are used to determine wetland hydroperiods.

Data Interpretation

Wetland hydroperiods are calculated from twice 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 two consecutive readings (24 hours) then the hydroperiod ends at the last reading within -12 inches. If a gauge falls below -12 inches for only one reading then maintains a reading above -12 inches for a minimum of 24 hours then the hydroperiod is calculated continuously. This methodology accounts for minor technical malfunctions experienced by the automatic gauges.

3.3 RESULTS OF HYDROLOGY MONITORING

The following hydroperiod statistics were calculated for each monitoring station during the growing season: 1) most consecutive days that the water table was within twelve inches of the soil surface; 2) cumulative number of days 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. The results of these calculations are presented in **Table 2**. **Figure 4** provides a chart of the water depth for each of the monitoring gauges on the site. The figure demonstrates the reaction at each monitoring location of the groundwater level to specific rainfall events. Raw gauge data collected from the monitoring gauges are provided in **Appendix C**.

Wetland Hydroperiod

- >9 percent
- ◐ 5-9 percent
- <5 percent

■ Vegetation Plots

▨ Wetland Restoration Limits

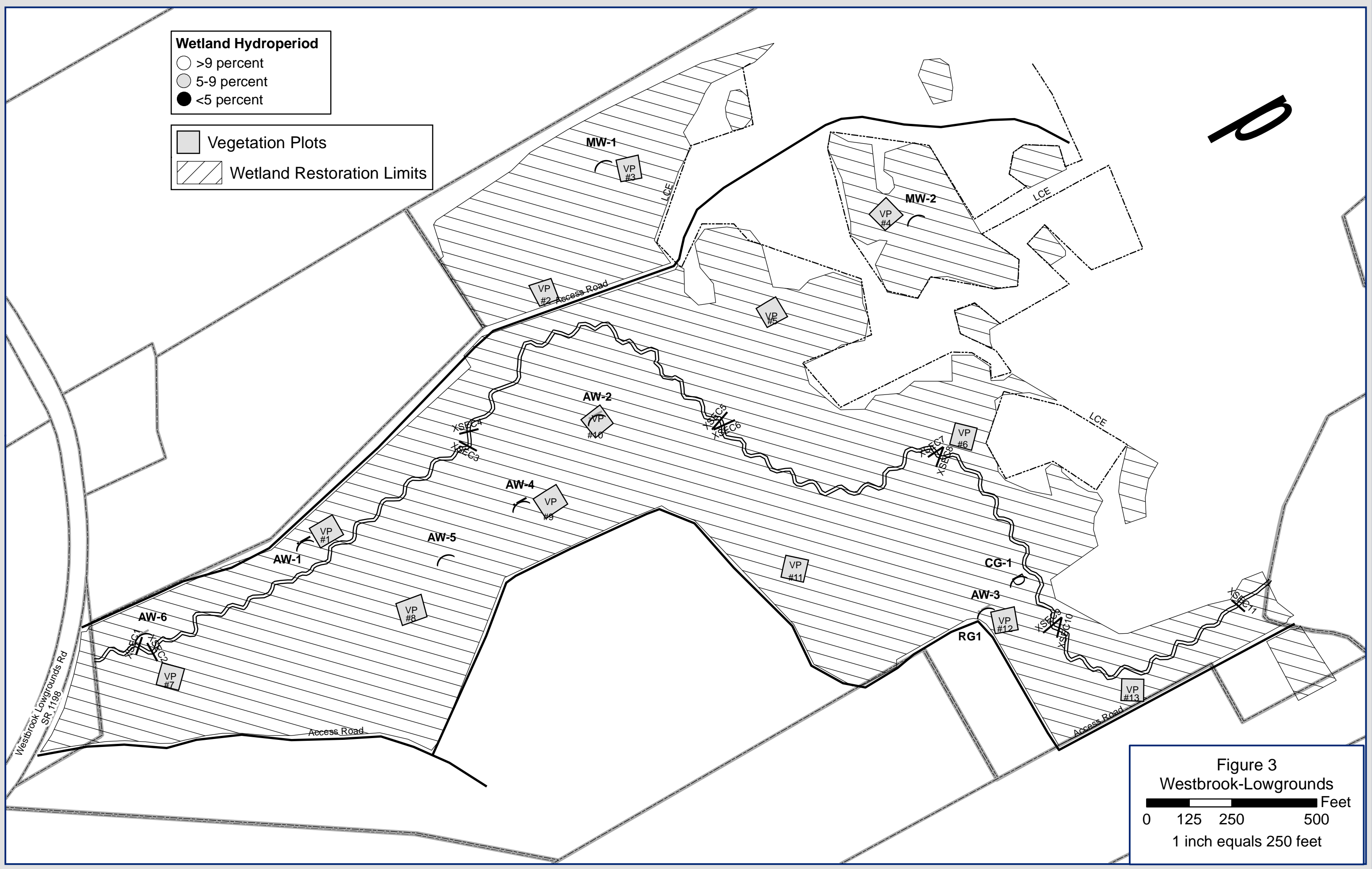


Figure 3
Westbrook-Lowgrounds

0 125 250 500 Feet

1 inch equals 250 feet

The site was designed to function as a riparian wetland system with associated wet flats. Hydrology in the riparian areas is driven primarily by groundwater discharge and over-bank flooding, whereas precipitation is the primary hydrologic influence in the wet flat areas. Monitoring has demonstrated that the site is functioning as designed, with varying degrees of wetness and saturation across the site. During 2007, gauges AW5, MW1, and MW2 met or exceeded the success criteria of a 9 percent consecutive hydroperiod. The five remaining automatic gauges exhibited varying wetland hydroperiods and were, for the most part, within the range of conditions in the reference wetland. The reference wetland gauges recorded hydroperiods ranging from 3 to 19 percent of the growing season.

The approved Mitigation Plan for the Westbrook Lowgrounds Site states in Section 3.5:

"... [model] simulations indicate that, on average, the water table will be less than 30 cm [12 inches] deep continuously for approximately 9 percent of the growing season. This scenario can be assumed to represent average conditions across the site, with the majority of the restored acreage on the site being represented by this hydrologic scenario. It is probable that there will be areas slightly drier or slightly wetter than the modeled scenario within the restoration area. The modeled scenario provides a basis for estimating the average hydrologic condition over the restored site, based on the proposed restoration practices. However, it is important to note that the hydrology of the targeted restored wetland system (Coastal Plain, small stream swamp) is highly variable across a given site, supporting the ecological and functional diversity that makes these systems so valuable."

The following tables present the results of the hydrologic monitoring of the site:

Table 2 Hydrologic Monitoring Results for 2007

2007 Max Hydroperiod (Growing Season 17-Mar through 5-Nov, 232 days)					
Gauge	Consecutive		Cumulative		Occurrences
	Days	Percent of growing Season	Days	Percent of growing Season	
AW1	10	4	30	13	4
AW2	12	5	29	13	4
AW3	18	8	33	14	3
AW4	3	1	6	3	3
AW5	21	9	39	17	2
AW6	11	5	19	8	2
MW1	20	9	42	18	6
MW2	34	15	48	21	4

3.3.1 Reference Data

The same hydroperiod statistics were calculated for each reference monitoring station during the growing season as were calculated for the site monitoring stations. The results of these calculations are presented in **Table 3**. Only two of five reference gauges exceed the 9 percent hydroperiod established as success criteria for the restoration site. The reference gauges exhibited a range of hydroperiods similar to the site data, including one gauge location (Ref MW5) with a minimal wetland hydroperiod. The reference gauges are located within a wetland adjacent to the stream reach upstream of the Westbrook Lowgrounds mitigation site.

Figure 4a. 2007 Westbrook Groundwater Gauges

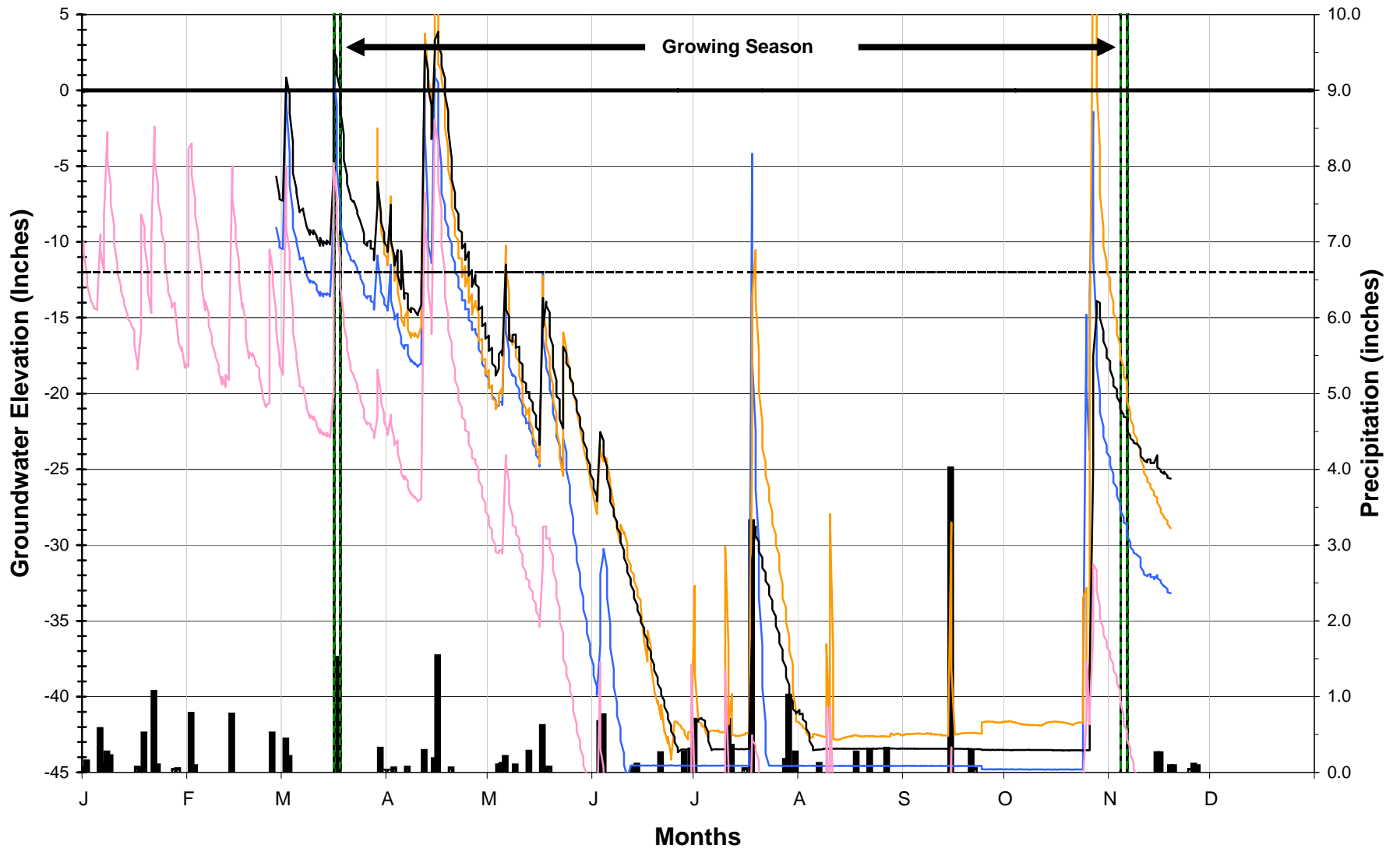


Figure 4b. 2007 Westbrook Groundwater Gauges

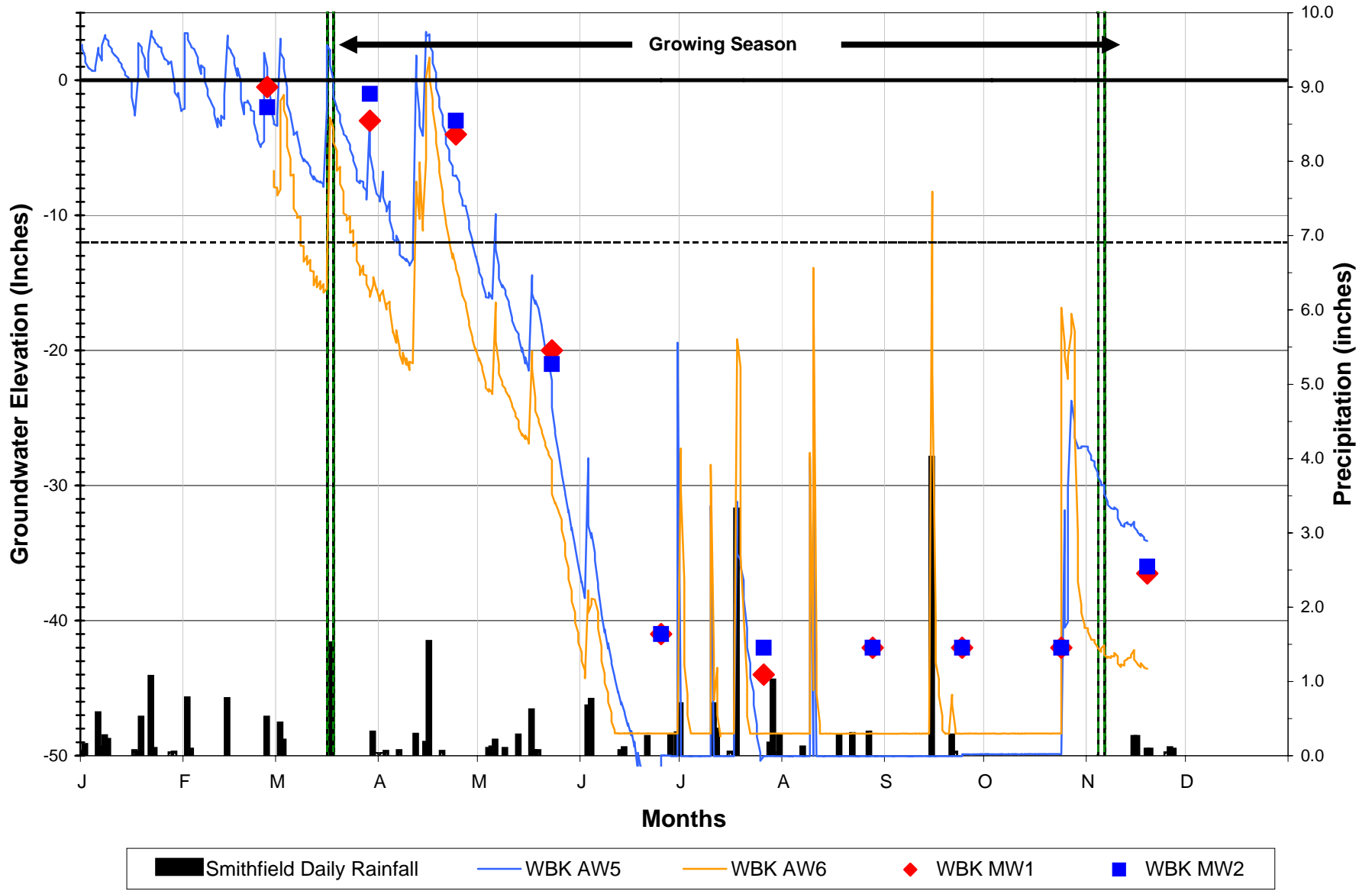


Figure 4c. 2007 Westbrook Groundwater Gauges

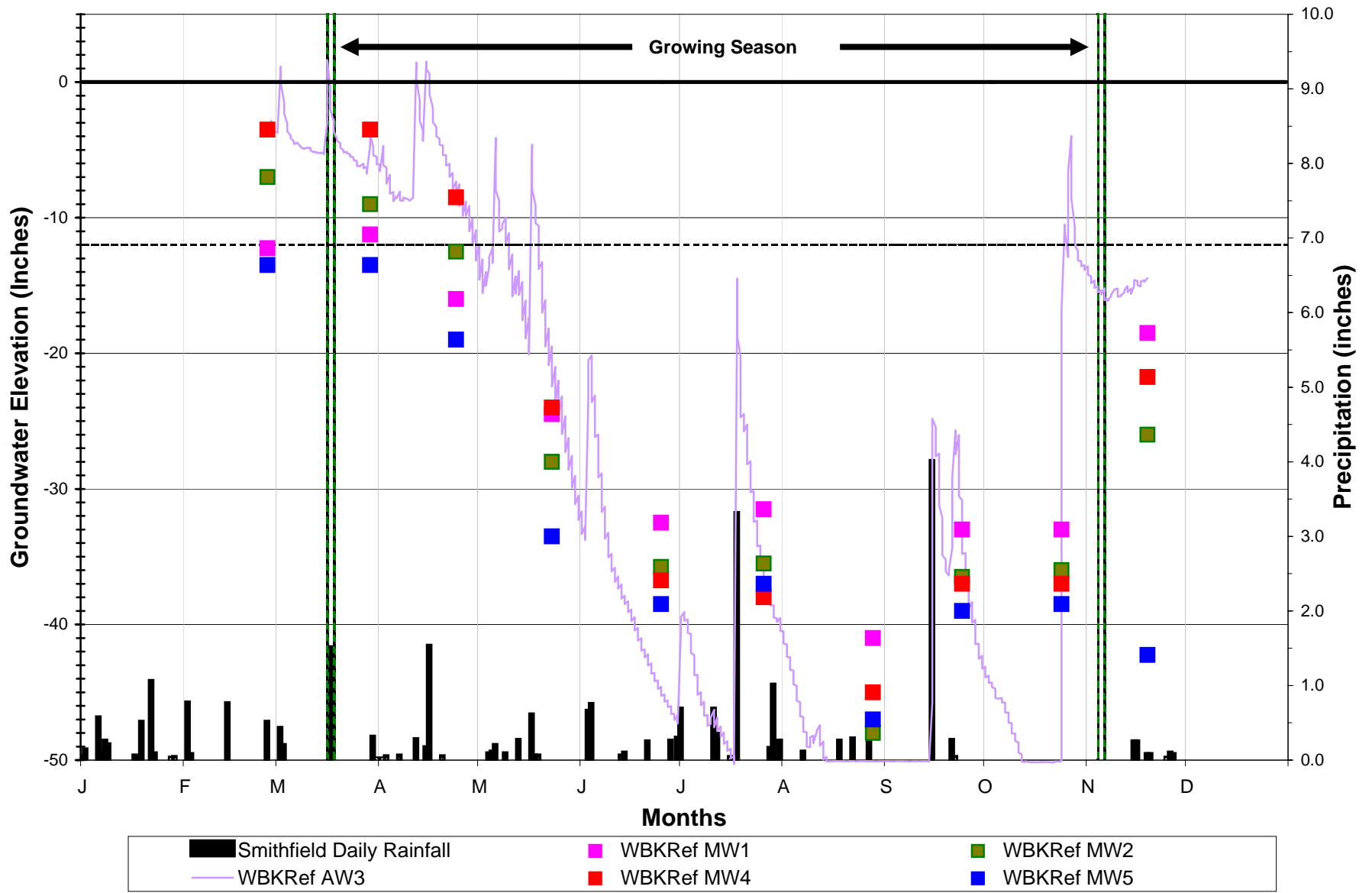


Table 3 Reference Hydrologic Monitoring Results

2007 Max Hydroperiod (Growing Season 17-Mar through 5-Nov, 232 days)					
Gauge	Consecutive		Cumulative		Occurrences
	Days	Percent of growing Season	Days	Percent of growing Season	
Ref MW1	17	7	29	13	4
Ref MW2	18	8	41	18	3
Ref AW3	45	19	58	25	3
Ref MW4	43	19	58	25	4
Ref MW5	6	3	10	4	4

3.3.2 Climate Data

Table 4A, Table 4B, and Figure 6 provide a comparison of the 2007 monthly rainfall to historical precipitation for Johnston County (NRCS WETS Tables). Observed precipitation data were collected from an automated weather station in Smithfield and an on-site manual rain gauge.

Table 4A Johnston County Normal Rainfall and 2007 Year Observed Rainfall

Month	Average	Normal Limits		Smithfield Precipitation	On-Site Precipitation	Accumulated Average Rainfall Deficit
		30 Percent	70 Percent			
January	4.17	2.90	4.92	3.04	---	-1.13
February	3.66	2.51	4.78	2.08	2.30	-2.71
March	4.23	3.28	5.01	2.42	1.90	-4.52
April	3.00	1.79	3.89	2.09	3.05	-5.43
May	3.76	2.54	4.62	1.41	1.55	-7.78
June	3.74	1.99	4.47	2.31	0.00	-9.21
July	5.04	3.40	5.89	6.45	5.30	-7.80
August	4.56	3.00	5.72	0.93	2.35	-11.43
September	4.35	2.11	5.28	4.29	3.82	-11.49
October	3.14	1.80	3.93	0.00	0.30	-14.63
November	3.14	1.93	3.81	0.80	5.72	-16.97
December	3.15	2.10	3.80	---	---	---
Total	45.94	29.35	56.12	24.74	26.29	---

Table 4B Historic Rainfall Surplus/Deficit through September

Year	Average	Actual	Deficit	Percent of Average
2003	37.48	47.80	+10.32	+29%
2004	37.48	38.38	+0.90	+2%
2005	38.26	28.80	-9.46	-25%
2006	38.26	32.28	-5.98	-16%
2007	36.51	25.02	-11.43	-31%

The entire state of North Carolina experienced increasingly severe drought conditions throughout 2007, with some areas experiencing the lowest average stream flows on record. The first signs of drought began in February in the western part of the state. By early spring, abnormally dry

conditions had spread across the state, and the western edge of the state began to see “moderate” drought conditions. From late spring through the summer, conditions steadily worsened. By August, 98% of North Carolina’s land area was designated as being in either “severe”, “extreme”, or “exceptional” drought. Additionally, lowest-ever average stream flows were recorded at 13 monitoring stations in August, including 9 in central North Carolina, two in the mountains, and two on the coastal plain. Nearly the entire state was categorized as experiencing “extreme” drought in September, with the southwest portion of the state categorized as experiencing “exceptional” drought. **Figure 5** depicts the increasing severity of the drought throughout the year.

The Westbrook restoration site experienced drought conditions consistent with state-wide trends. At the Smithfield monitoring station, near the Westbrook site, monthly precipitation levels fluctuated around the lower end of the normal range from January through June (**Figure 6** and **Table 4B**). The accumulated rainfall deficit—the difference between the long-term average and the observed monthly precipitation levels, aggregated monthly —grew steadily throughout the year to -16.97 inches through November. The high rainfalls in July and September were not sufficient to reverse the downward trend of the rainfall deficit. Persistent and worsening drought conditions severely impacted the wetland hydroperiods at the Westbrook mitigation and reference sites.

As presented in **Table 4B**, drought conditions have existed in 2005, 2006, and 2007, as measured by a deficit from average rainfall, and it can be expected that these persistent conditions have a cumulative negative impact on groundwater levels and stream flow.

Figure 5 Drought Conditions Across North Carolina 1/2/2007 to 9/25/2007

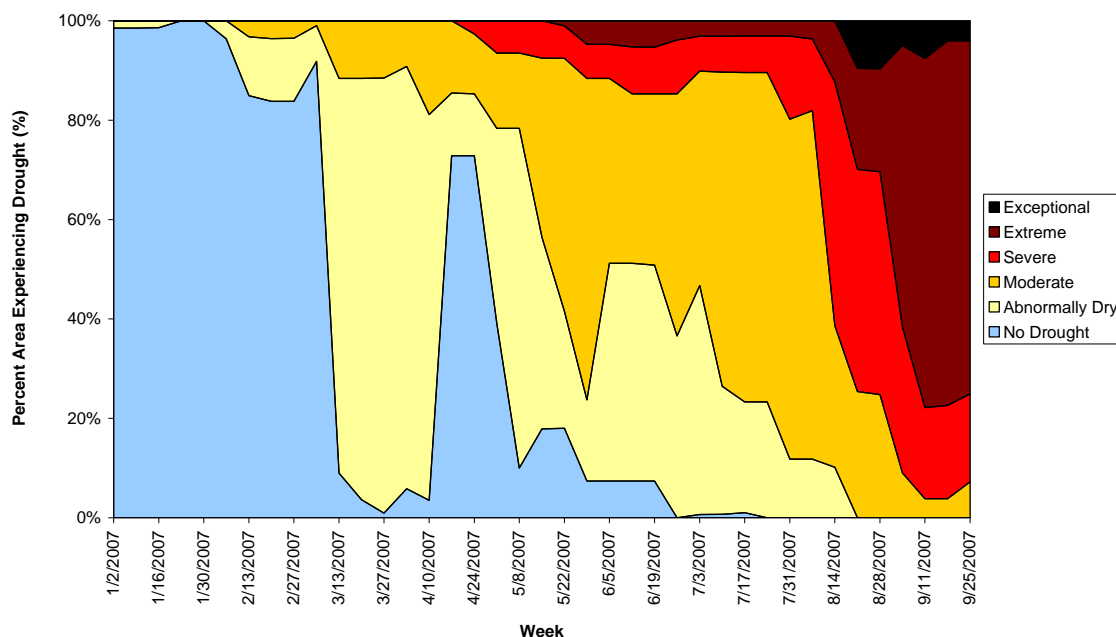
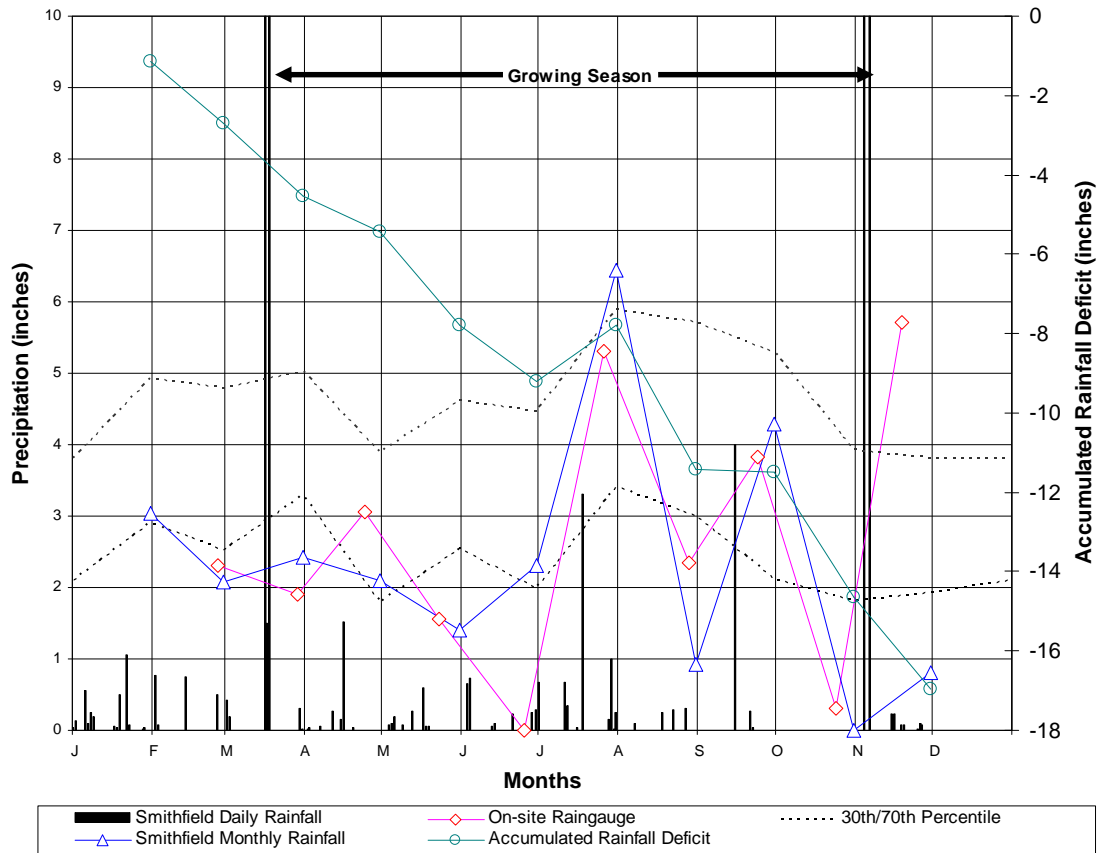


Figure 6 2007 Precipitation for Westbrook Site



3.4 HYDROLOGIC CONCLUSIONS

The design of the wetland restoration area at the Westbrook site was based on increasing the ability of the surface to pond and store water as specified in Section 2.5 of the Mitigation Plan:

“From data provided, it is clear that a significant amount of the rainfall that falls on the site is lost via drainage and runoff to the field ditches. Restoration of the site will involve restoring the stream through the site and increasing the amount of surface storage available to pond water. In this way, the respective amounts of drainage and runoff are decreased. The excess water storage will allow the water table to remain higher throughout the year, thus restoring wetland hydrology.”

As demonstrated by the rainfall data in **Table 4B**, the Westbrook site has experienced a deficit in annual rainfall over the last three years. This lack of rainfall has the result of reducing the amount of surface water retained on the site (from both direct precipitation and overbank flooding) and available to contribute to wetland hydrology. The monitoring gauge data in **Table 2B** reflects this condition for both the project site and the reference, with groundwater levels trending lower as drought conditions have persisted and, in 2007, significantly worsened.

When the hydrologic data for the Westbrook site is viewed in the context of (i) the site specific design objectives for wetland restoration, (ii) the actual climatic conditions over the last five years, (iii) the expected variability of hydrologic conditions over a site, and (iv) the correlation of site data and reference data, it can reasonably be concluded that the site is performing as

designed, and has achieved the success criteria specified in the Mitigation Plan, and that further hydrologic monitoring is not required.

Five Year Summary

Table 5 presents the hydrologic monitoring data for the Westbrook Lowgrounds over the five year monitoring period. The monitoring gauges at the site document a range of hydrologic saturation that was anticipated in the Mitigation Plan, that are comparable to the reference gauges, and that are reflective of drought conditions starting in 2005.

Table 5 Hydrologic Monitoring Results for Years 1 through 5

Monitoring Gauge	Consecutive Days Meeting Criteria (% Growing Season)					Cumulative Days (% Growing Season)				
	Monitoring Year					Monitoring Year				
	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
AW 1	6	2	4	6	4	34	8	18	15	13
AW 2	8	10	9	4	5	39	20	23	25	13
AW 3	19	10	10	13	8	50	22	23	41	14
AW 4				13	1				17	3
AW 5				25	9				69	17
AW 6					5					8
MW 1	>19	>10	10	12	9	>50	>21	23		18
MW 2	>19	>10	10	12	15	>50	>21	23		21
Ref MW 1				8	7					13
Ref MW 2				8	8					18
Ref AW 3	56	37	27	29	19	99	81	71	56	25
Ref MW 4				9	19					25
Ref MW 5				0	3					4

4.0 VEGETATION

4.1 VEGETATION SUCCESS CRITERIA

The interim measure of vegetative success for the Westbrook Lowgrounds Mitigation Plan was the survival of at least 320 3-year-old planted trees per acre at the end of Year 3 of the monitoring period. The final vegetative success criteria will be the survival of 260 5-year-old planted trees per acre at the end of Year 5 of the monitoring period.

Up to 20 percent of the site species composition may be comprised of woody volunteers. Remedial action may be required should these (i.e. loblolly pine, red maple, sweet gum, etc.) present a problem and exceed 20 percent composition.

This site was planted in non-riverine hardwoods and coastal plain swamp species in March 2003. There were thirteen 1/10th acre vegetation monitoring plots established throughout the planting areas. All of the planted stems inside the plot were flagged with orange flagging to mark them as the planted stems (vs. volunteers) and to help locate them in the future. Each stem was then tagged with a numbered aluminum tag.

4.2 DESCRIPTION OF SPECIES AND VEGETATION MONITORING

Table 6 Planted Tree Species

Scientific Name	Common Name	FAC Status
<i>Celtis laevigata</i>	Sugarberry	FACW
<i>Nyssa biflora</i>	Swamp Tupelo	OBL
<i>Nyssa sylvatica</i>	Blackgum	FAC
<i>Quercus laurifolia</i>	Laurel Oak	FACW
<i>Quercus lyrata</i>	Overcup Oak	OBL
<i>Quercus michauxii</i>	Swamp Chestnut Oak	FACW-
<i>Quercus nigra</i>	Water Oak	FAC
<i>Quercus pagoda</i>	Cherrybark Oak	FAC+
<i>Quercus phellos</i>	Coastal Willow Oak	FACW-
<i>Quercus shumardii</i>	Shumard Oak	FACW-
<i>Taxodium distichum</i>	Bald Cypress	OBL

4.3 RESULTS OF VEGETATION MONITORING

Table 7 shows the present stem counts for each of the monitoring stations. Trees are flagged in the field on a quarterly basis before the flags degrade. Volunteers are also flagged during this process.

Table 7. Vegetation Monitoring Data

Plot	Sugarberry	Swamp Tupelo	Blackgum	Laurel Oak	Overcup Oak	Swamp Chestnut Oak	Water Oak	Cherrybark Oak	Coastal Willow Oak	Shumard Oak	Bald Cypress	Total	Stem/acre
WB1	1	5	5	5	5	0	5	4	4	3	13	50	500
WB2	3	4	5	7	0	0	2	5	0	22	4	52	520
WB3	4	2	3	4	1	0	2	10	2	5	11	44	440
WB4	0	0	3	4	1	17	12	1	6	17	0	61	610
WB5	0	0	0	1	1	9	3	4	4	34	2	58	580
WB6	5	0	0	12	0	9	4	2	2	8	2	44	440
WB7	2	0	6	5	3	8	3	0	10	3	7	47	470
WB8	0	5	9	4	1	1	4	3	1	5	15	48	480
WB9	0	3	3	1	1	10	7	10	5	4	5	49	490
WB10	2	0	4	5	1	4	7	3	16	0	2	44	440
WB11	1	2	10	3	0	2	12	11	3	2	0	46	460
WB12	4	0	0	0	0	0	0	1	0	35	13	53	530
WB13	0	1	3	4	5	3	13	1	0	1	4	35	350

Average Stems/Acre: 485

Range of Stems/Acre: 350-610

Volunteer species were monitored throughout the five year monitoring period. Tree species identified as volunteers within in the Wetland Restoration Area are presented in **Table 8**.

Table 8 Volunteer Tree Species

Scientific Name	Common Name	FAC Status
<i>Liquidambar styraciflua</i>	Sweetgum	FAC+
<i>Acer rubrum</i>	Red Maple	FAC
<i>Diospyros virginiana</i>	Persimmon	FAC

4.4 GENERAL VEGETATION OBSERVATIONS AND CONCLUSIONS

Vegetation monitoring has documented the average number of stems per acre on site to be 485 at the end of Year 5, which is a survival rate of greater than 82% based on the initial planting count of 590 stems per acre.

After construction of the mitigation site, a permanent ground cover seed mixture of Virginia wild rye (*Elymus virginicus*), switch grass (*Panicum virgatum*), and fox sedge (*Carex vulpinoidea*) was broadcast on the site at a rate of 10 pounds per acre. These species aided in the soil stabilization early in the development of the mitigation site and posed no threat to the survival or health of the planted or naturally occurring hydrophytic vegetation. Hydrophytic herbaceous vegetation including rush (*Juncus effusus*), spike-rush (*Eleocharis obtusa*), giant cane (*Arundinaria gigantea*), tearthumb (*Polygonum sagittatum*), boxseed (*Ludwigia* sp.), and sedge (*Carex* sp.) are frequently observed across the site particularly in areas of inundation. The presence of these herbaceous wetland plants helps to confirm the presence of wetland hydrology on the site.

There are zones of weedy species occurring on the site, though none seem to be posing any survivability issues for the woody or herbaceous hydrophytic vegetation. The majorities of the weedy species are annuals and seem to pose very little threat to survivability in site. This growing season, most likely due to the drought conditions, the predominant weedy species observed this growing season was goldenrod (*Solidago altissima*) and horseweed (*Conyza canadensis*). Other commonly seen weedy vegetation includes ragweed (*Ambrosia artemisiifolia*), dill (*Foeniculum vulgare*), and morning glory (*Ipomoea* sp.) This site did not develop any threatening weedy vegetation throughout the five year monitoring period. The herbaceous layer of the site will continue to change as the planted stems develop into a mature forest canopy.

In 2006, mowing between the rows of planted stems occurred to control the invasive softwood volunteer species such as red maple, sweet gum, and pine. Targeted back-pack herbicide application then occurred on those species located within the rows of planted stems. The undesirable species have been stunted. The softwood volunteer species will likely return, but will not pose a threat to the survivability of the strong well established planted stems. Planted stem survivability should remain excellent on site and the vegetative success criteria were easily met for Year 5.

4.5 VEGETATION CONCLUSIONS

Vegetation monitoring in 2007 documented the site has achieved a tree density greater than the 320 stems per acre specified as the vegetative success criteria in the Mitigation Plan.

Five Year Summary

Table 9 presents the vegetative monitoring data for the Westbrook Lowgrounds over the five year monitoring period.

Table 9. Vegetation Monitoring Data Years 1 through 5.

Plot	Stems Per Acre					
	Base	Year 1	Year 2	Year 3	Year 4	Year 5
WB1	570	560	520	520	520	500
WB2	590	520	580	580	580	520
WB3	630	580	550	560	560	440
WB4	650	650	650	630	630	610
WB5	660	600	610	600	600	580
WB6	550	490	490	480	480	440
WB7	610	550	530	530	530	470
WB8	570	540	540	520	510	480
WB9	560	540	530	520	510	490
WB10	550	480	420	480	460	440
WB11	560	530	480	470	470	460
WB12	610	570	550	590	580	530
WB13	560	450	390	390	390	350

5.0 STREAM MONITORING

5.1 SUCCESS CRITERIA

As stated in the approved Mitigation Plan, the stream restoration success criteria for the site include 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 Macroinvertebrate and Fish Sampling: Sampling of benthic macroinvertebrates and fish within the restored stream channel shall be conducted for the first three years of post-restoration monitoring.

5.2 STREAM MORPHOLOGY MONITORING PLAN

To document the stated success criteria, the following monitoring program was instituted following construction completion on the Westbrook Site:

Bankfull Events: A crest gauge was installed on the site to document bankfull events. The gauge is checked each month, and records the highest out-of-bank flow event that occurred during the past month. The gauge is located near stream station 43+50 (**Figure 3**).

Cross sections: Two permanent cross sections were installed per 1,000 linear feet of stream restoration work, with one of the locations being a riffle cross section and one location being a pool cross section. A total of 11 permanent cross sections were established across the mitigation site. Each cross section was marked on both banks with permanent pins to establish the exact transect used. Permanent cross section pins were surveyed and located relative to a common benchmark to facilitate easy comparison of year-to-year data. The annual cross section surveys include points measured at all breaks in slope, including top of bank, bankfull, inner berm, edge of water, and thalweg. Riffle cross sections are classified using the Rosgen stream classification system. Permanent cross sections for 2006 (Year 4) were surveyed in August 2006.

Longitudinal Profiles: A complete longitudinal profile will be completed in Years one, three, and five. The profile will be conducted for a length of restored channel at least 3,000 feet in length. Measurements will include thalweg, water surface, inner berm, bankfull, and top of low bank. Each of these measurements will be taken at the head of each feature, e.g. riffle, run, pool, glide, and the max pool depth. A common benchmark will be used each year to facilitate comparison of year-to-year data. Longitudinal survey will be performed in 2007 (Year 5).

Photo Reference Stations: Photographs are used to visually document restoration success. Nine reference photo stations have been established across the Westbrook Site. Reference stations are marked with wooden stakes and Global Positioning Satellite (GPS) coordinates have been determined for each location. Reference photos are taken at least once per year. Reference photos are taken at each permanent cross section from both stream banks. The survey tape is centered in the photographs of the bank, and the water line is located in the lower edge of the frame with as much of the bank as possible included in each photo. Structure photos of each grade control structure are also taken.

5.3 STREAM MORPHOLOGY MONITORING RESULTS

During 2007, only one bankfull event on the site was documented through the use of the onsite crest gauge and visual evidence of out-of-bank flow. The stream flow event documented by the crest gauge on the site was a flow that occurred sometime between the months of September and February and was approximately 2.60 feet above the bankfull stage at the crest gauge.

In-stream structures installed within the restored stream included rock cross-vanes, log vanes, log weirs, and root wads. Visual observations of structures throughout the past growing season have indicated that nearly all structures are functioning as designed. Two log vanes have been undercut by channel erosion, a beaver dam is present toward the central portion of the channel, and several boulders have shifted in the cross vanes at the downstream end of the site. None of these conditions require corrective actions.

During January 2006, eight log weirs were raised by a few tenths of a foot, and two new log weirs were installed between stations 0+00 and 10+00. This was done to improve the hydrology on the

northwestern area of the site. All work was done with minimal disturbance to the site and stream. **Table 10** provides a summary of observed stream conditions.

All noted conditions areas are minor and localized. No corrective actions are recommended as the channel appears to be moving toward stability. The rock vane condition at station 52+00 is located between two other functional rock vanes at the downstream end of the project. Additionally, this portion of stream rarely experiences high flows due to its frequent inundation from the downstream Mill Creek.

Photographs have been taken throughout the monitored season to document the evolution of the restored stream channel (**Appendix B**). Herbaceous vegetation is dense along the restored stream, making it difficult to take photographs of the stream channel itself.

5.3.1 Cross Sections

Year 5 cross section monitoring data were collected during August 2007, and compared to baseline data collected in April of 2003 as well as surveyed data from 2006. Permanent cross sections document the stream dimension at eleven locations (six riffles and five pools). Cross section data is presented in **Appendix A**. The cross sections show that there has been very little adjustment to stream dimension since construction. Cross section 11 shows slight erosion along the bottom right bank, possibly caused by erosive forces from high velocities. All monitored cross sections fell within the quantitative parameters defined for "E" or "C" type channels.

Table 10 Stream Problem Areas

Feature	Station	Description
Bed	0+00	Sediment deposits present upstream of project and in upper 100 feet of project; likely due to road run-off and drought conditions
Right Bank Log Vane	43+80	Erosion on right bank upstream of log vane; no degradation since 2006 monitoring
Log Vane	46+80	Upstream end of log vane exposed; no degradation since 2006 monitoring
Log Vane	48+40	Upstream end of log vane exposed; bed and banks are stable
Rock Cross Vane	52+00	Rock cross vane not performing as designed; upstream and downstream rock cross vanes intact; no degradation since 2006 monitoring

Notes:

- Localized vegetation in channel throughout; due to drought and lack of consistent base flow
- Bank vegetation very dense throughout
- Live stakes now 10 to 15 feet high
- Cottonmouth in channel at downstream end

5.3.2 Longitudinal Profile

A longitudinal profile survey was conducted in Year 5. Based on a comparison to the previous profiles and cross sections, there has been very little adjustment to the stream profile or dimension since construction.

5.3.3 Hydrology

Due to extremely dry conditions and low rainfall amounts across the site and for most of the surrounding area, there was only one occurrence of out-of-bank flow. This stream flow event was documented during the February site visit.

5.3.4 Five Year Summary

In order to meet the success criteria for stream restoration, the restored stream must experience two bankfull events over the five-year monitoring period. As demonstrated in **Table 11** below, the site has achieved this requirement.

Table 11 Bankfull Event Summary Years 1 through 5

Year	Number of Events	Maximum Height Above Bankfull
2003	2	0.6
2004	2	0.4
2005	1	0.5
2006	5	0.5
2007	1	2.6

6.0 OVERALL CONCLUSIONS AND RECOMMENDATIONS

6.1 HYDROLOGIC SUCCESS CRITERIA

- When the hydrologic data for the Westbrook Site is viewed in the context of (i) the site specific design objectives for wetland restoration, (ii) the actual climatic conditions over the last five years, (iii) the expected variability of hydrologic conditions over a site, and (iv) the correlation of site data and reference data, it can reasonably be concluded that the site is performing as designed and has achieved the success criteria specified in the Mitigation Plan for the site.

6.2 STREAM SUCCESS CRITERIA

- A total of 6 bankfull events have been recorded over the five year monitoring period.
- The restored stream channel has remained stable and is providing the intended habitat and hydrologic functions. In-stream structures are stable and functioning as designed. Monitored cross-sections have exhibited little adjustment in stream dimension, with only Cross-Section 11 exhibiting minor erosion. Therefore, it can reasonably be concluded that the site has achieved the success criteria for streams as specified in the Mitigation Plan for the site.

6.3 VEGETATIVE SUCCESS CRITERIA

- Vegetation monitoring efforts have documented a range of surviving tree density of 350 to 610 stems per acre and the average number of stems per acre on site to be 485 at the end of Year 5, which is a survival rate of greater than 82% based on the initial planting count of 590 stems per acre.
- Due to the 2006 efforts to control undesired volunteer species through various means such as mowing and backpack spraying, the undesirable species have been stunted. The

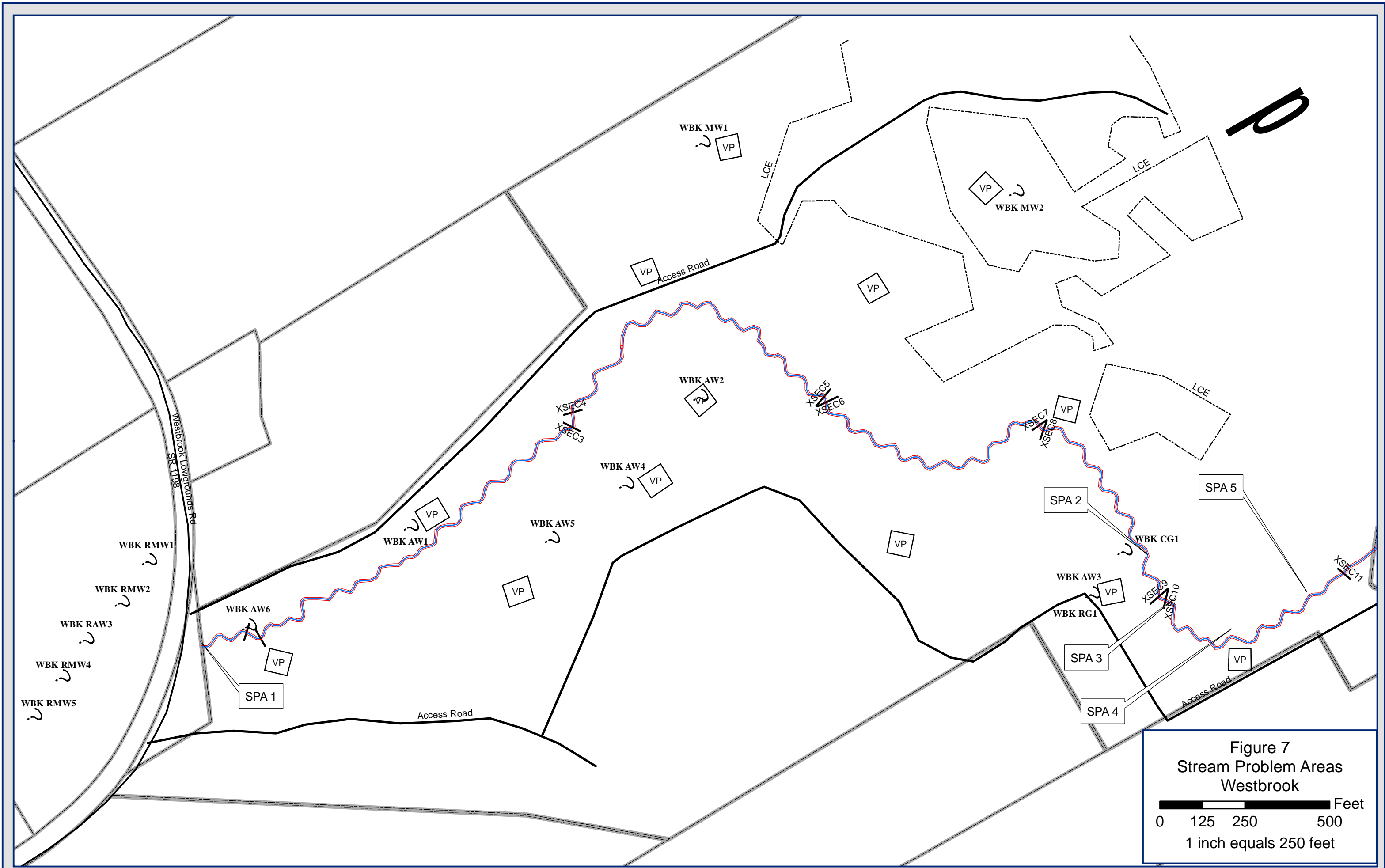


Figure 7
Stream Problem Areas
Westbrook

0 125 250 500 Feet
1 inch equals 250 feet

softwood volunteer species will likely return, but will not pose a threat to the survivability of the strong well established planted stems.

- Therefore, it can reasonably be concluded that the site has achieved the success criteria for vegetation as specified in the Mitigation Plan for the site.

6.4 SUMMARY

- Monitoring of vegetation, stream stability, and hydrology will conclude as of the end of 2007.

APPENDIX A

As-Built Survey

WESTBROOK LOWGROUNDS

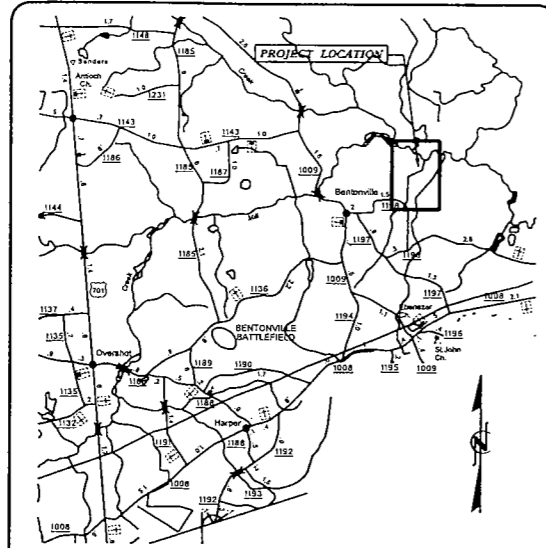
PROJECT: 043

STREAM AND WETLAND RESTORATION PROJECT
 ENVIRONMENTAL BANC AND EXCHANGE, LLC
 WESTBROOK LOWGROUNDS SITE

JOHNSTON COUNTY

LOCATION: WESTBROOK LOWGROUNDS ROAD (SR 1198)
 NEAR BENTONVILLE, NC

TYPE OF WORK: AS-BUILT DRAWING FOR WETLAND
 AND STREAM MITIGATION

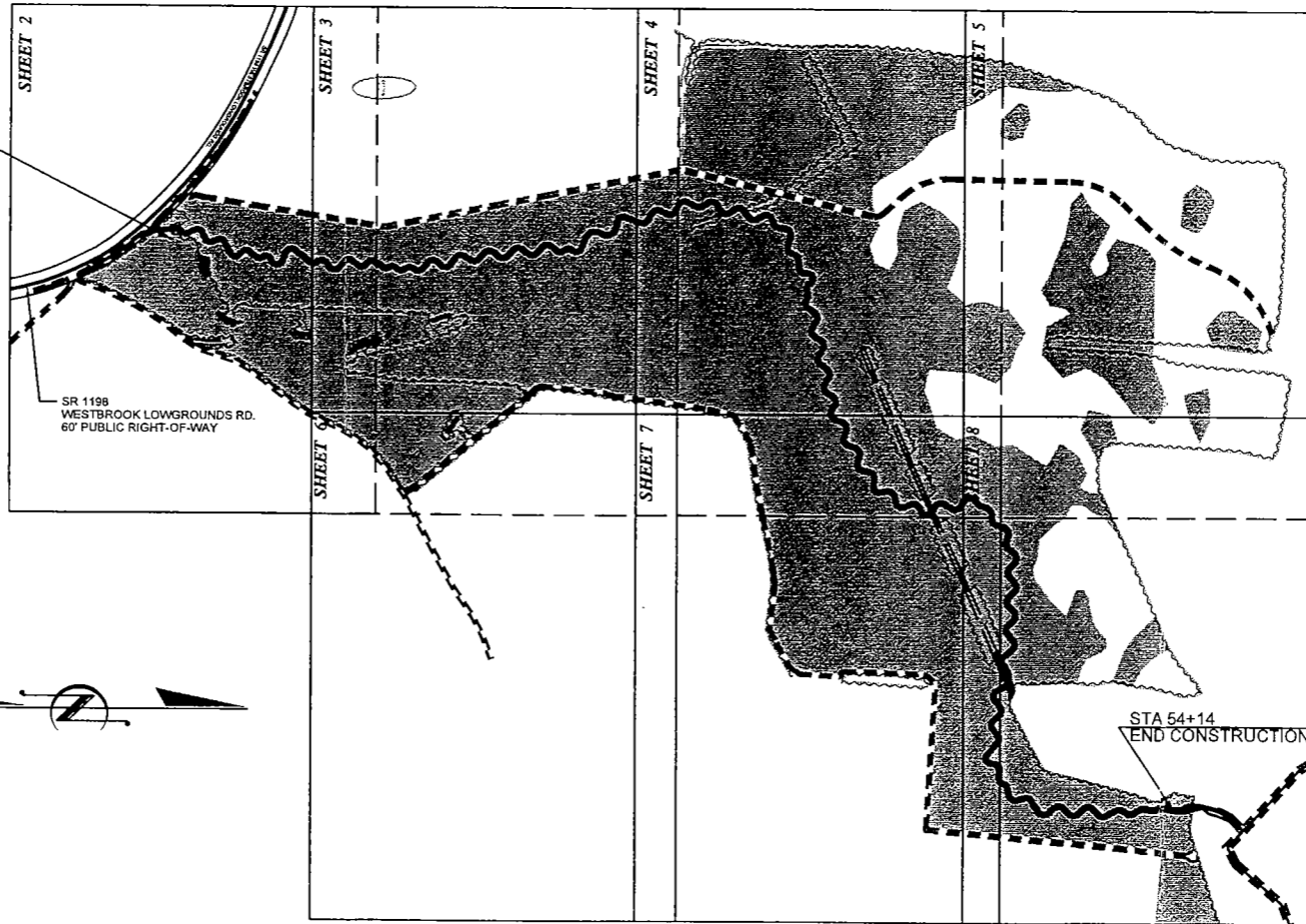


VICINITY MAP

INDEX OF SHEETS:

- 1 TITLE SHEET
- 2-8 AS-BUILT PLAN SHEETS

STA 0+00
 BEGIN CONSTRUCTION



STATE	BUCK PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	043	1	8
NO.	DATE	CHECKED BY	APPROVED BY
1	26 JAN 2003	KEVIN TWEEDY	KEVIN TWEEDY

GRAPHIC SCALES



PROJECT SUMMARY

RESTORED STREAM LENGTH = 5414 FEET
 RESTORED WETLAND ACREAGE = 66.2 ACRES

PREPARED FOR THE OFFICE OF:
 ENVIRONMENTAL BANC AND EXCHANGE, LLC



10055 RED RUN BOULEVARD, SUITE 130
 OWING MILLS, MD 21117

8000 REGENCY PARKWAY SUITE 200A
 CARY, NORTH CAROLINA 27511

EBX CONTACT:
 GEORGE KELLY
 PROJECT MANAGER

PREPARED IN THE OFFICE OF:



8000 Regency Parkway Suite 200
 Cary, North Carolina 27511
 Phone: 919-463-5468
 Fax: 919-463-5490

APRIL 11, 2003
 DATE PREPARED:

KEVIN L. TWEEDY, PE
 PROJECT ENGINEER

PROJECT ENGINEER

Figure 2a.
 As-Built Drawing
 for the Westbrook
 Mitigation Site

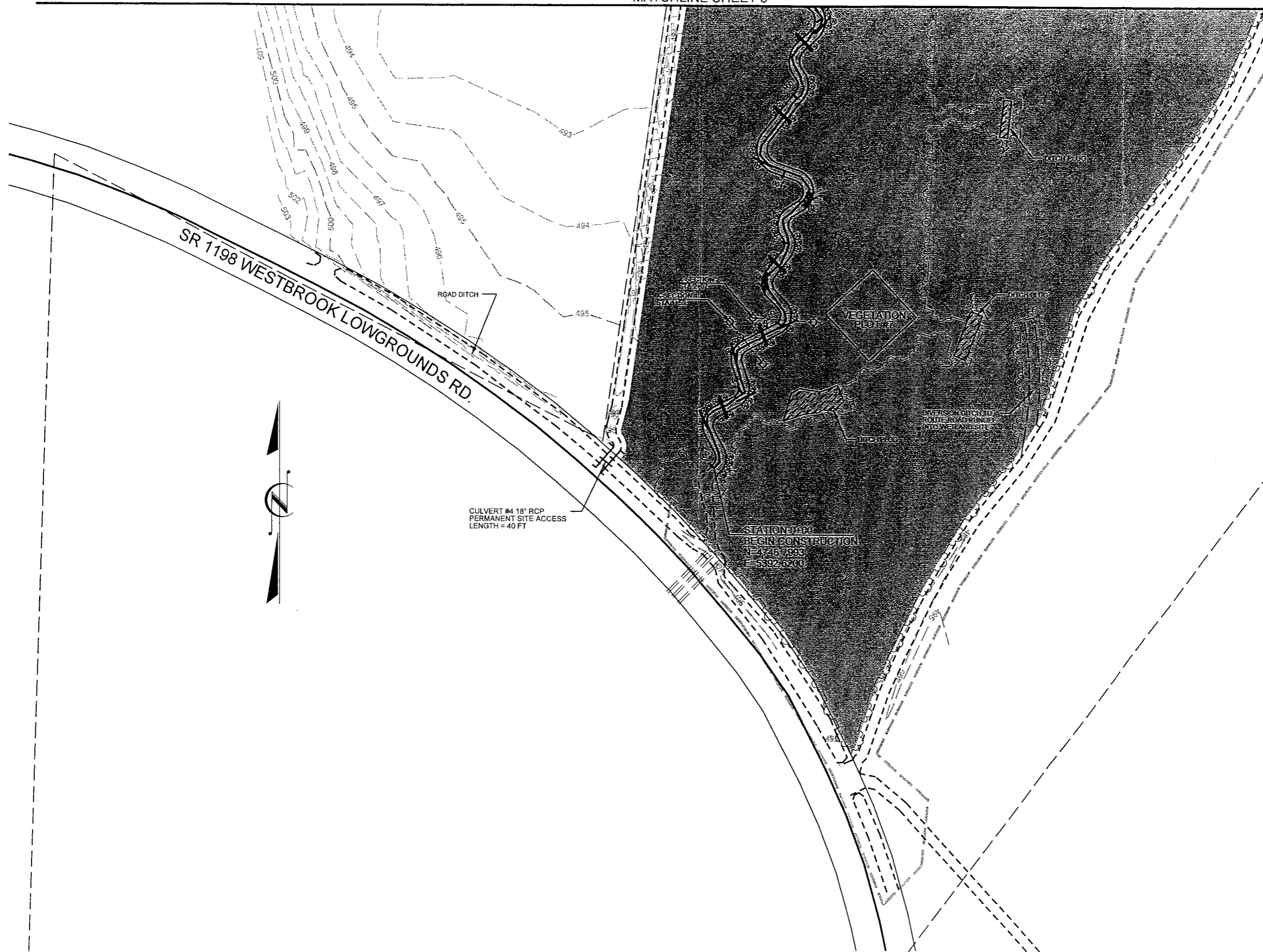
SIGNATURE: _____ P.E.

PROJECT REFERENCE NO.	SHEET NO.
043	2
EBX WESTBROOK LOWGROUNDS	
PLAN VIEW OF EXISTING AS-BUILT CONDITIONS	
PROJECT ENGINEER	

Figure 2b.
As-Built Drawing
for the Westbrook
Mitigation Site

BUCK ENGINEERING
8000 Regency Parkway, Suite 200
Cary, North Carolina 27511
Phone: 919-463-5488
Fax: 919-463-5490

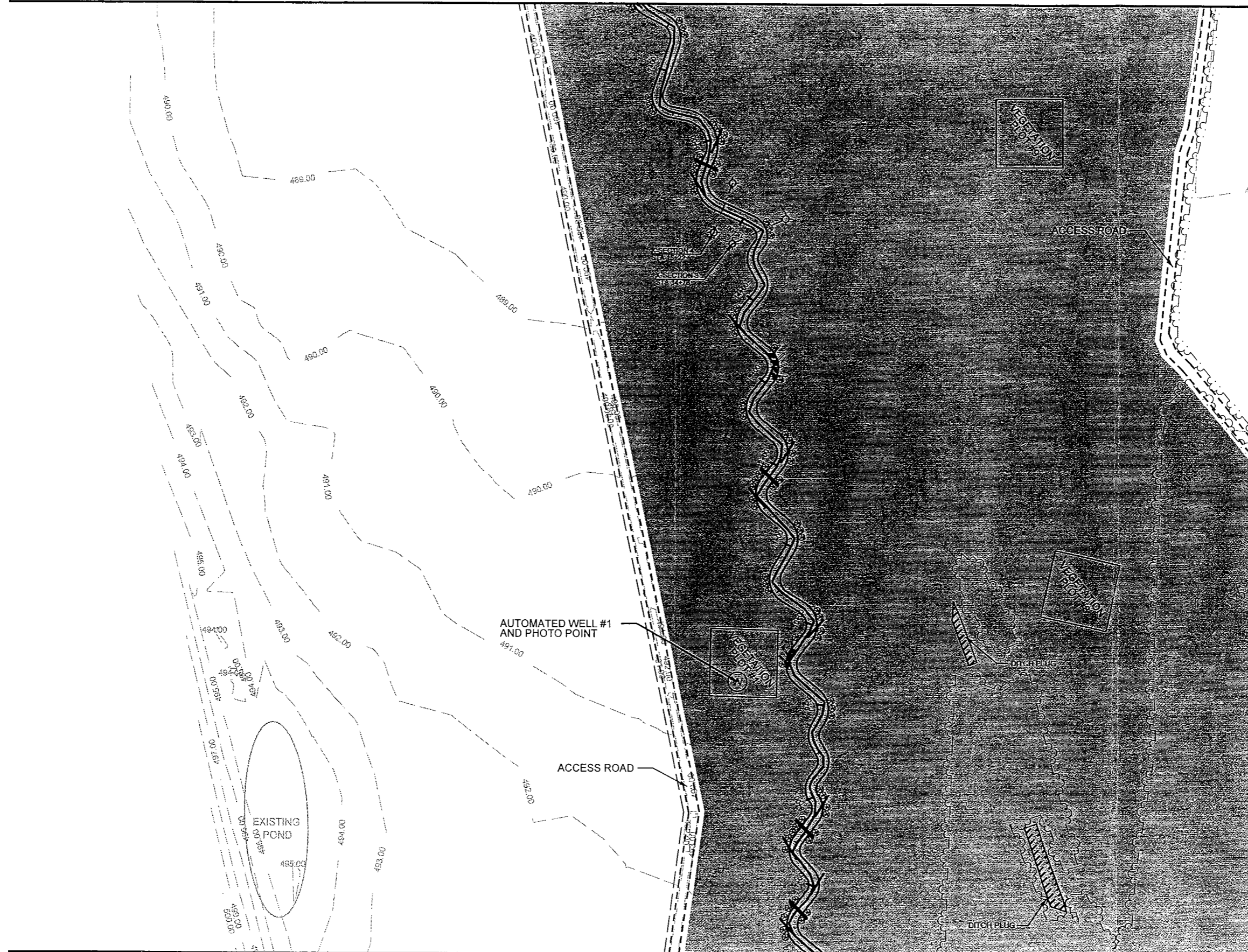
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- LEGEND**
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 - - - OLD STREAM TOP OF BANK
 - ~ TREELINE
 - RIGHT-OF-WAY
 - RECONSTRUCTED CHANNEL
 - CENTERLINE OF ROADWAY/STREAM
 - - - 495.00 - CONTOUR LINE
 - - - PROPERTY LINE
 - ⊕ CONSERVATION EASEMENT
 - ⊗ TRANSPLANTS
 - LOG VANE (LOCATED IN BENDS)
 - LOG WEIR (LOCATED IN STRAIGHT REACHES)
 - ROOT WAD
 - PROPOSED RESTORED WETLAND
 - ⊕ XSEC PIN
 - ⊕ W WELL
 - ⊕ R RAIN GAUGE
 - ⊕ C CREST GAUGE
 - ⊕ P PHOTO POINT



MATCHLINE SHEET 4



MATCHLINE SHEET 2

PROJECT REFERENCE NO.	SHEET NO.
043	3
EBX WESTBROOK LOWGROUNDS	
PLAN VIEW OF EXISTING ASBUILT CONDITIONS	
PROJECT ENGINEER	

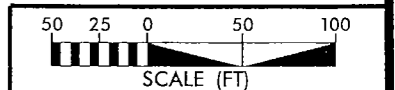
Figure 2c.
As-Built Drawing
for the Westbrook
Mitigation Site

BUCK ENGINEERING
8000 Regency Parkway, Suite 200
Cary, North Carolina 27511
Phone: 919-463-5488
Fax: 919-463-5490

LEGEND

- ACCESS ROAD
- - - OLD STREAM TOP OF BANK
- ~ TREELINE
- RIGHT-OF-WAY
- RECONSTRUCTED CHANNEL
- CENTERLINE OF ROADWAY/STREAM
- - - 495.00 - - - CONTOUR LINE
- PROPERTY LINE
- CONSERVATION EASEMENT
- ⊕ TRANSPLANTS
- LOG VANE (LOCATED IN BENDS)
- LOG WEIR (LOCATED IN STRAIGHT REACHES)
- ⊕ ROOT WAD
- PROPOSED RESTORED WETLAND
- ⊕ XSEC PIN
- ⊕ W WELL
- ⊕ R RAIN GAUGE
- ⊕ C CREST GAUGE
- ⊕ P PHOTO POINT

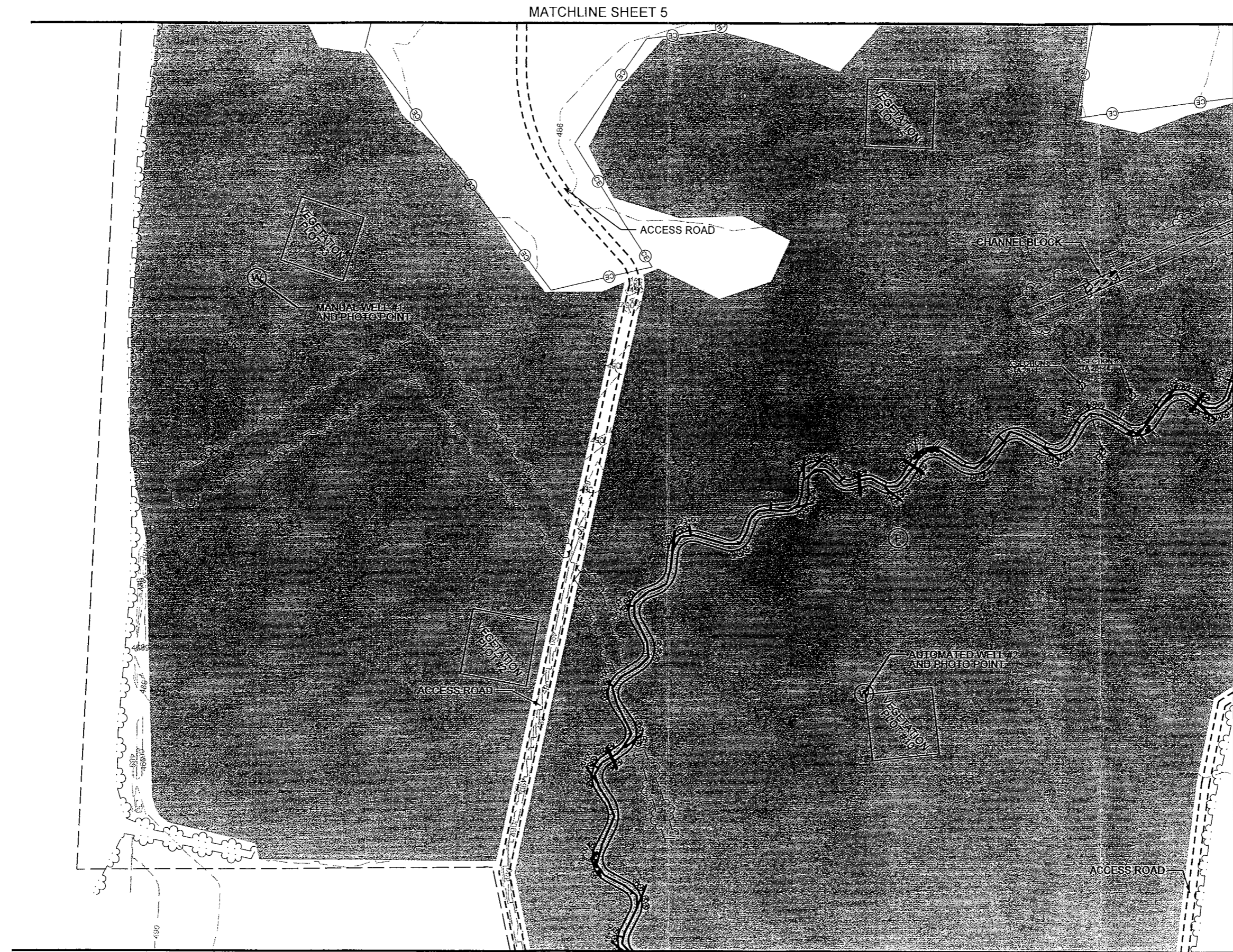
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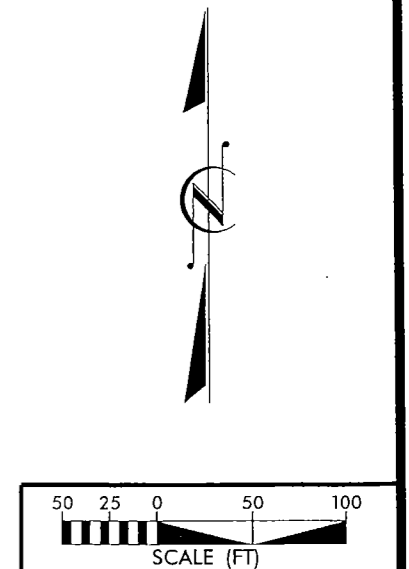
PROJECT REFERENCE NO.	SHEET NO.
043	4
EBX WESTBROOK LONGGROUNDS	
PLAN VIEW OF EXISTING AS-BUILT CONDITIONS	
PROJECT ENGINEER	

Figure 2d.
As-Built Drawing
for the Westbrook
Mitigation Site

BUCK ENGINEERING
8000 Regency Parkway, Suite 200
Cary, North Carolina 27511
Phone: 919-483-5488
Fax: 919-483-5490

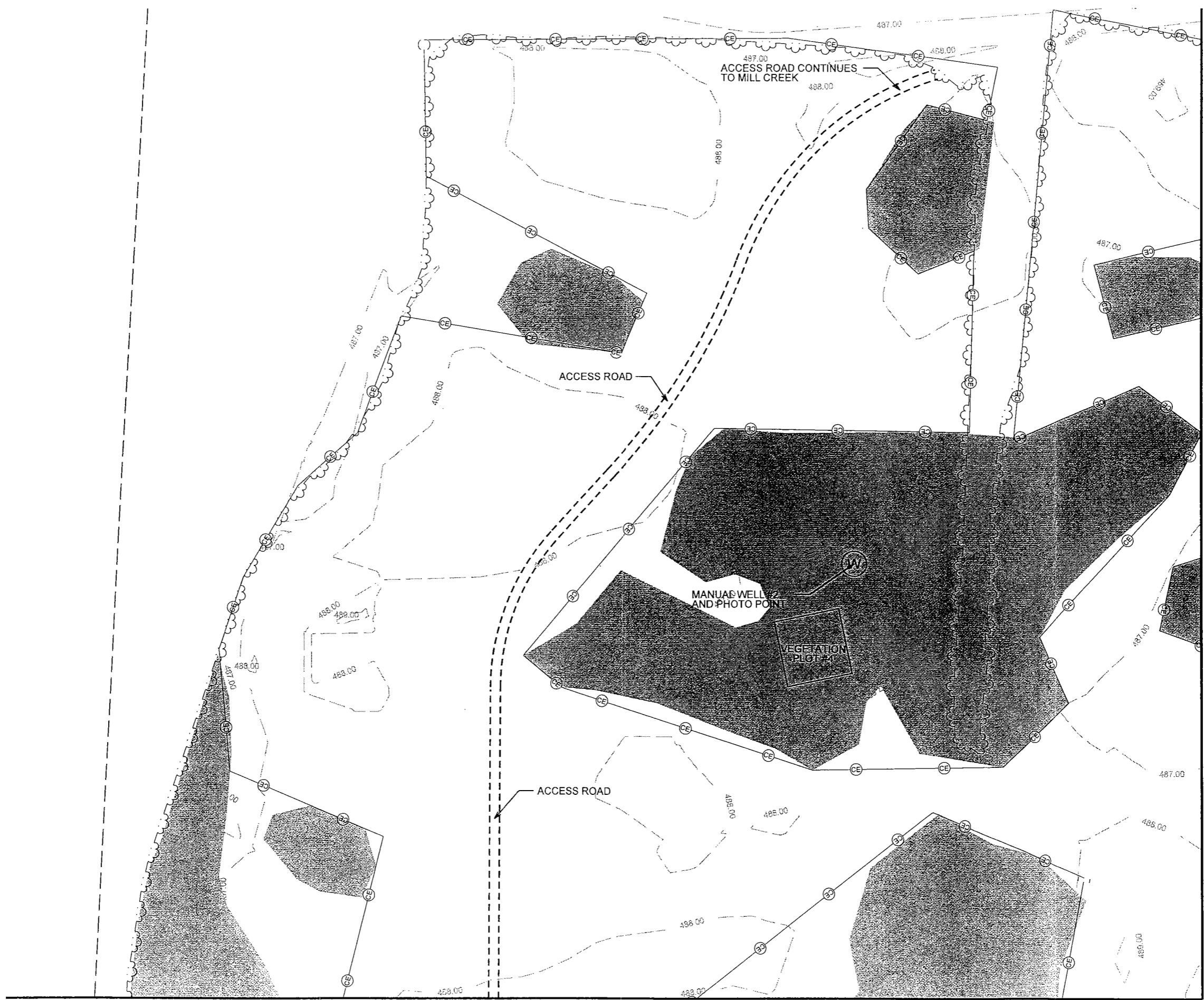


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 - - - PROPERTY LINE
 - ⊕ CONSERVATION EASEMENT
 - ⊕ TRANSPLANTS
 - LOG VANE (LOCATED IN BENDS)
 - LOG WEIR (LOCATED IN STRAIGHT REACHES)
 - ROOT WAD
 - PROPOSED RESTORED WETLAND
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 - ⊕ W WELL
 - ⊕ R RAIN GAUGE
 - ⊕ C CREST GAUGE
 - ⊕ P PHOTO POINT

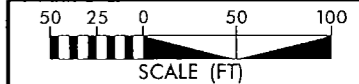


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 - ⊕ XSEC PIN
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 - ⊕ P PHOTO POINT

MATCHLINE SHEET 8



MATCHLINE SHEET 4

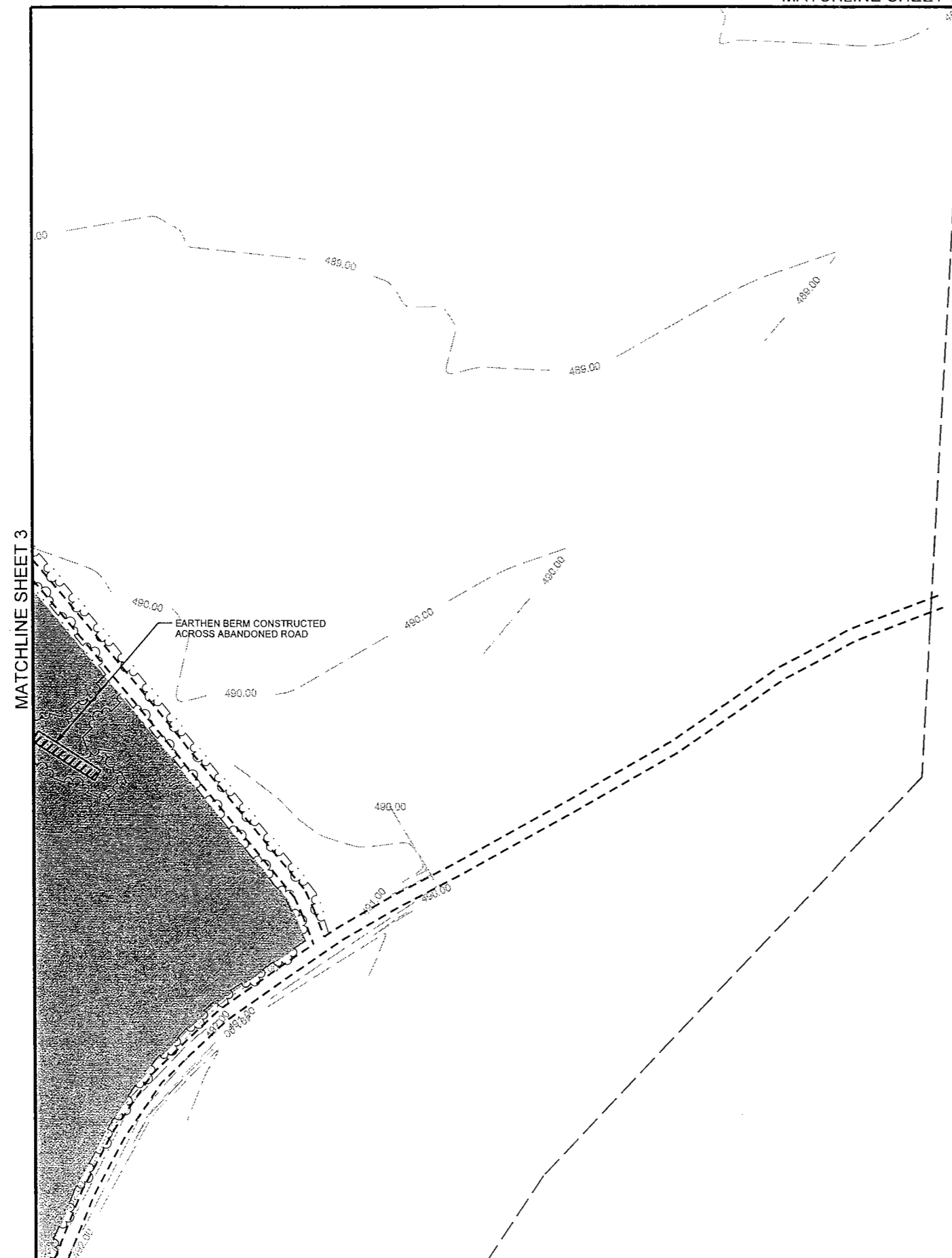


PROJECT REFERENCE NO.	SHEET NO.
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EBX WESTBROOK LOWGROUNDS	
PLAN VIEW OF EXISTING AS-BUILT CONDITIONS	
PROJECT ENGINEER	

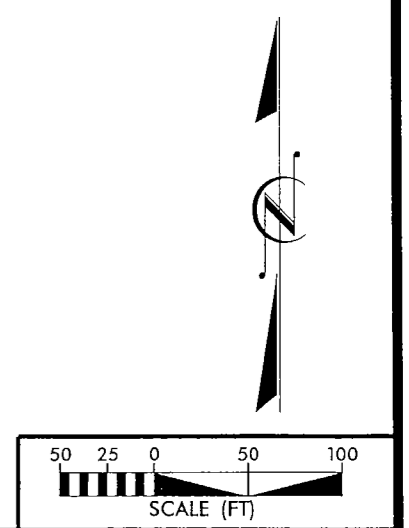
Figure 2f.
As-Built Drawing
for the Westbrook
Mitigation Site

BUCK ENGINEERING
8000 Regency Parkway, Suite 200
Cary, North Carolina 27511
Phone: 919-463-5488
Fax: 919-463-5490

MATCHLINE SHEET 7



- LEGEND**
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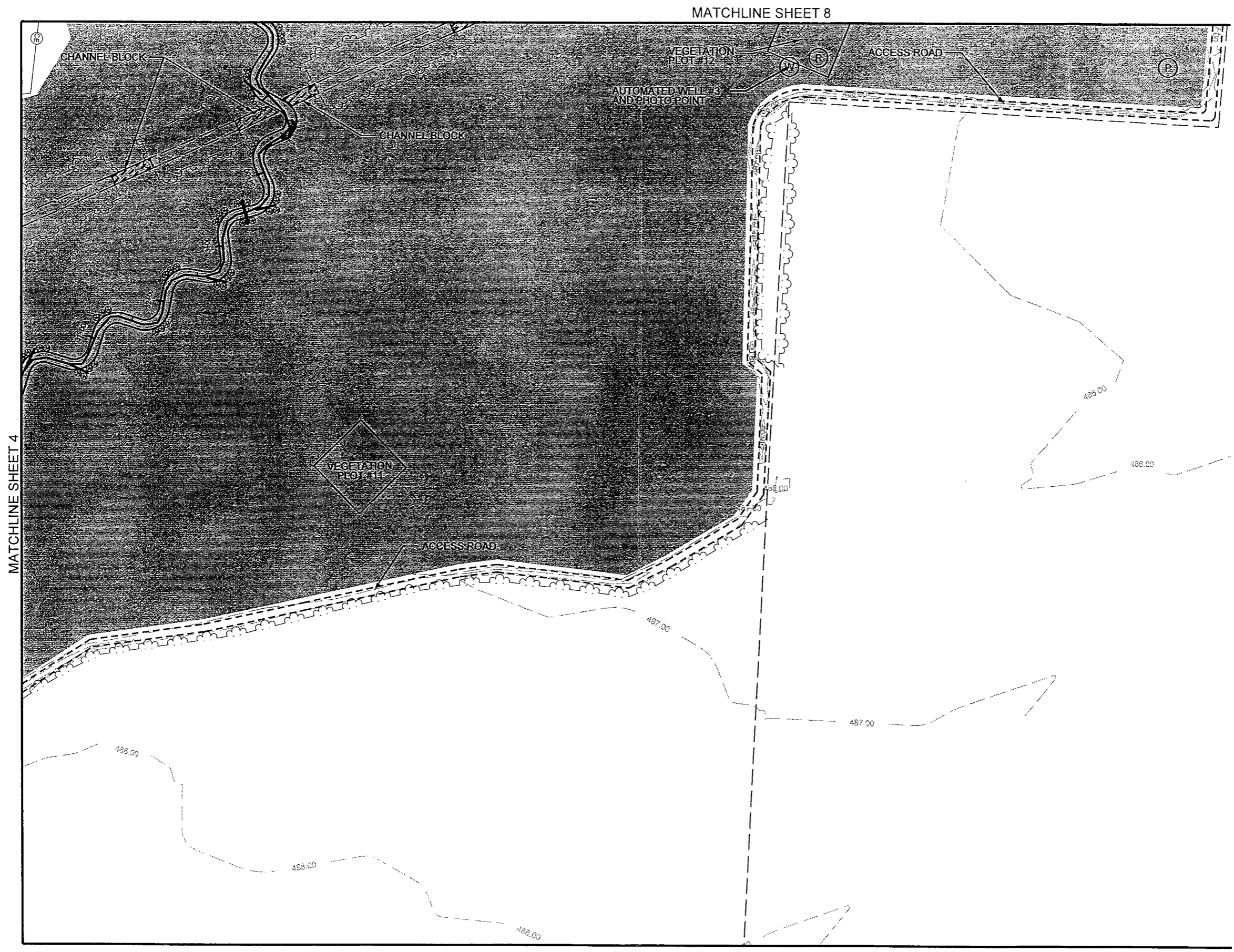
MATCHLINE SHEET 3

Figure 2g.
As-Built Drawing
for the Westbrook
Mitigation Site

BUCK ENGINEERING
8000 Regency Parkway, Suite 200
Cary, North Carolina 27511
Phone: 919-463-5488
Fax: 919-463-5490

LEGEND

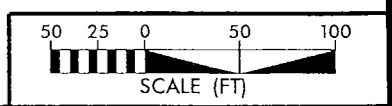
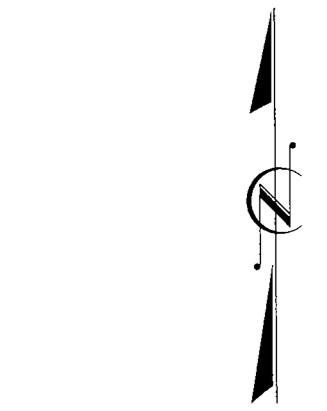
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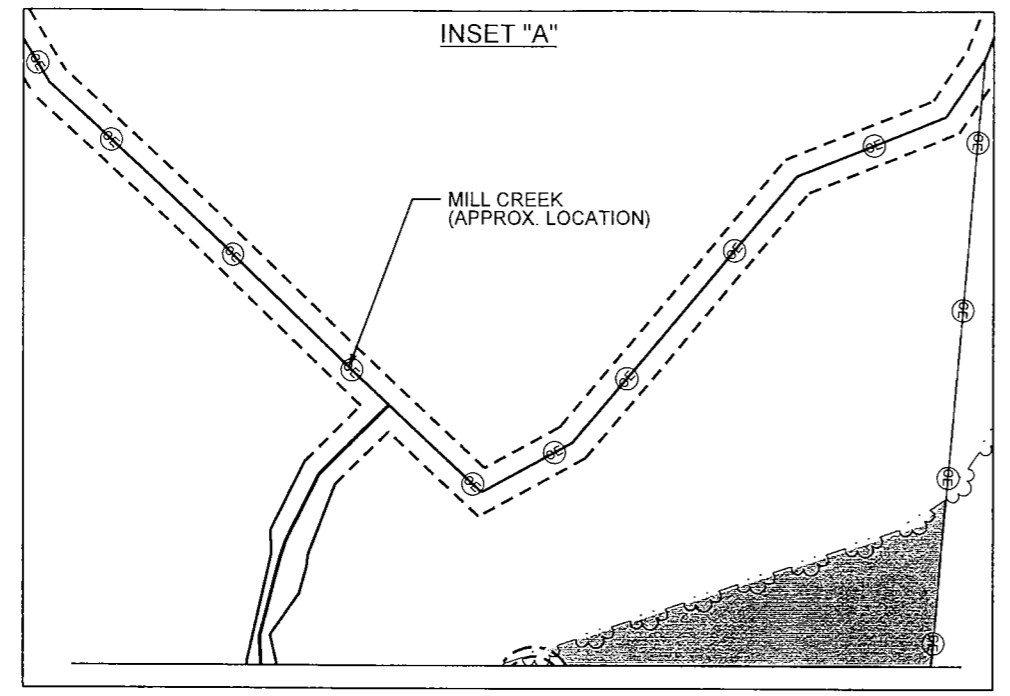
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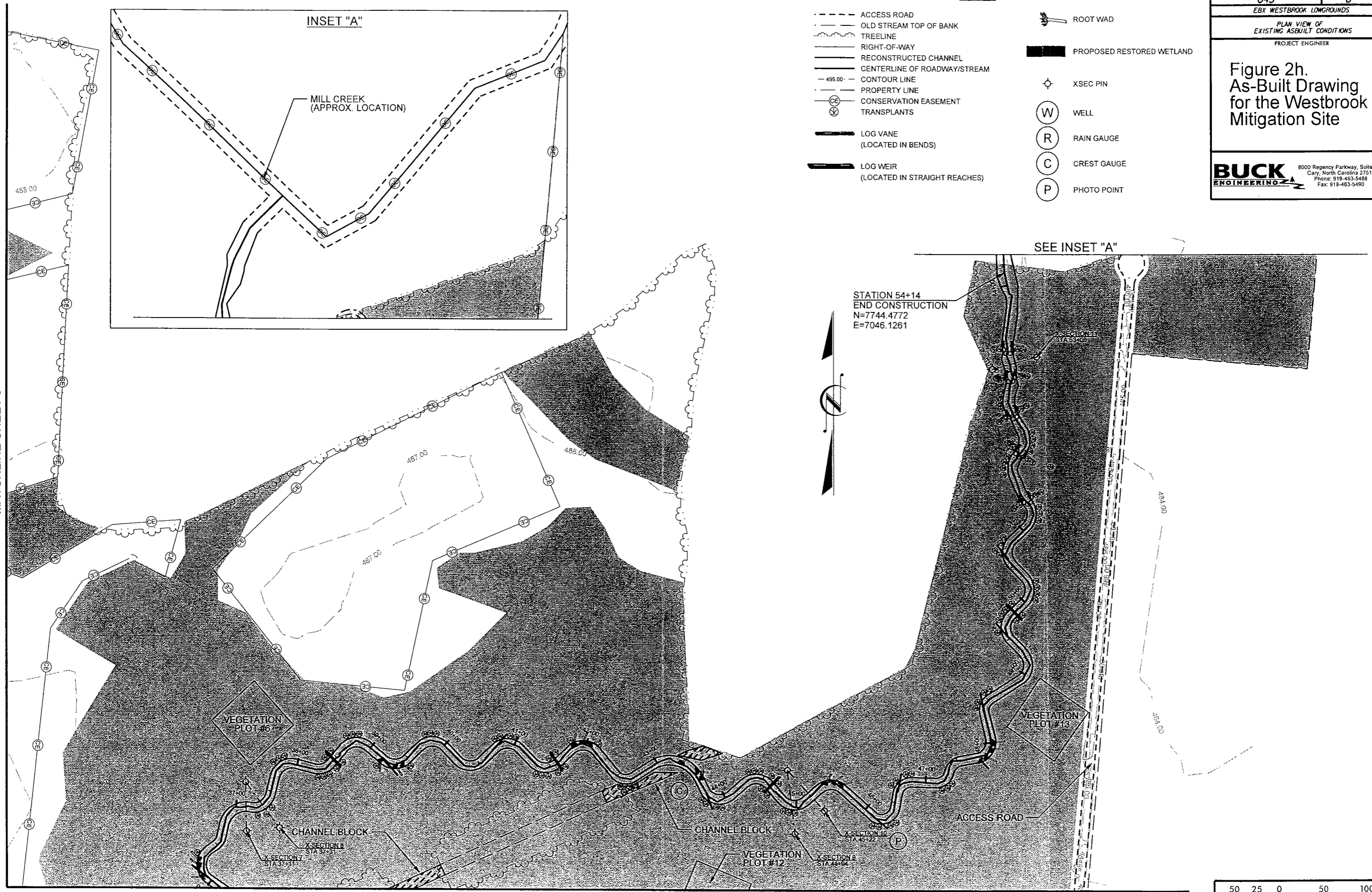


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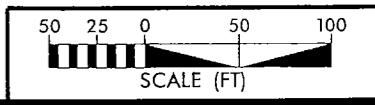
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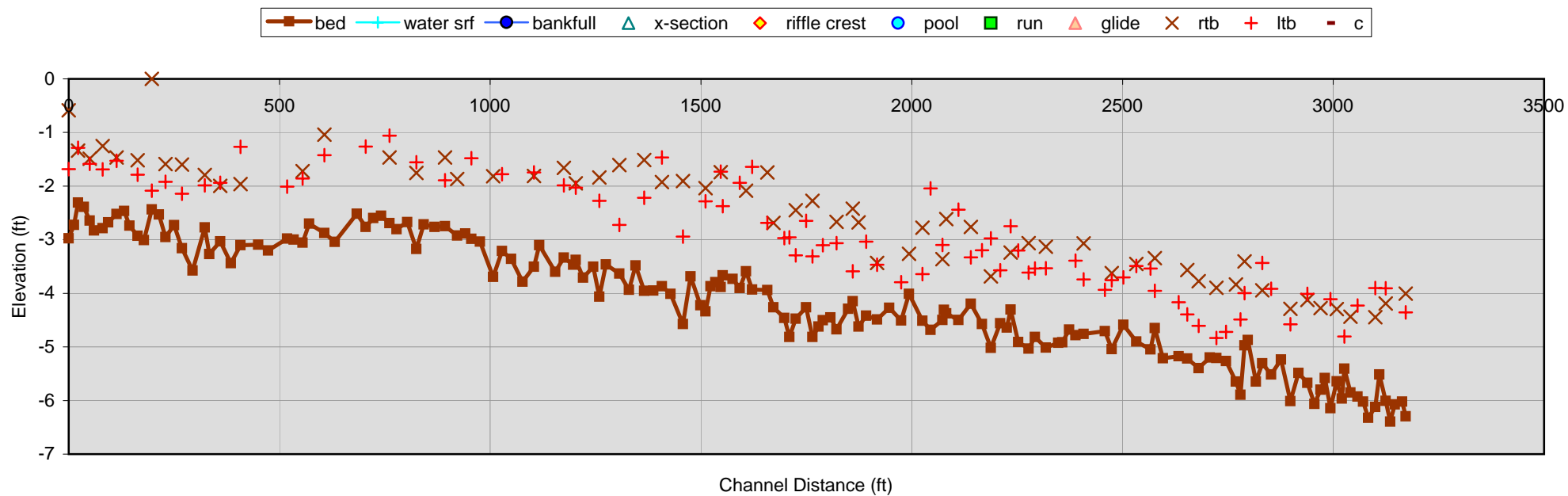
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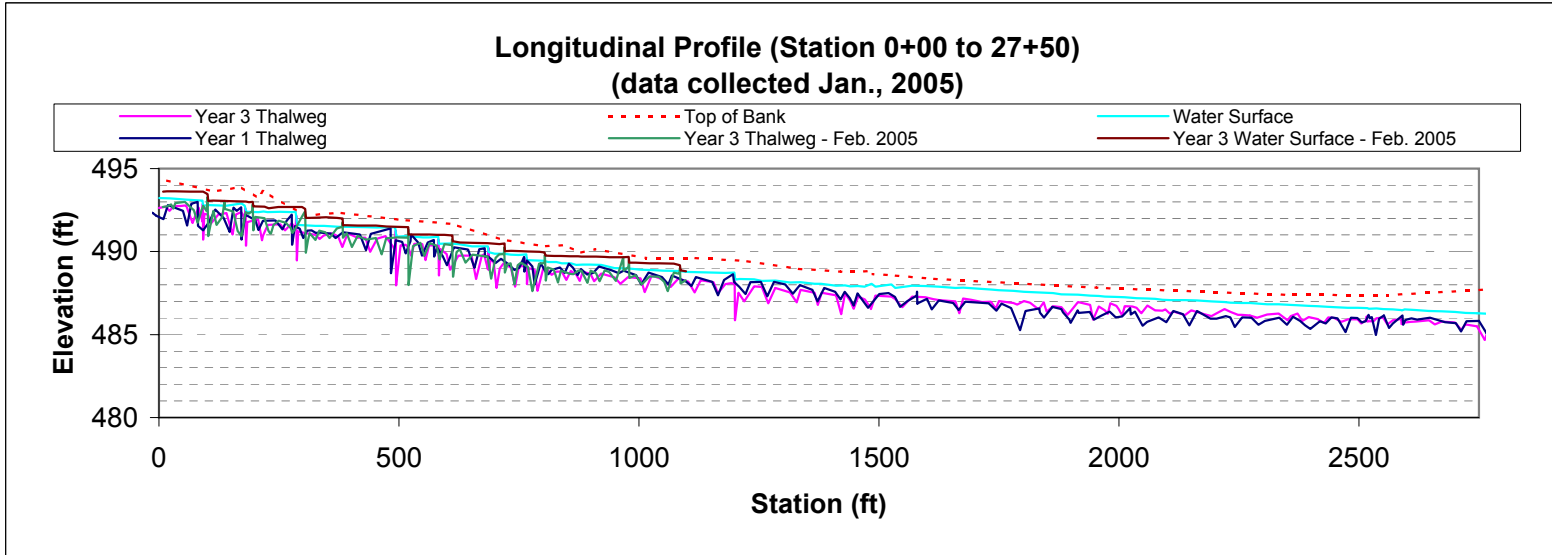
APPENDIX B

Profile and Cross Section Data

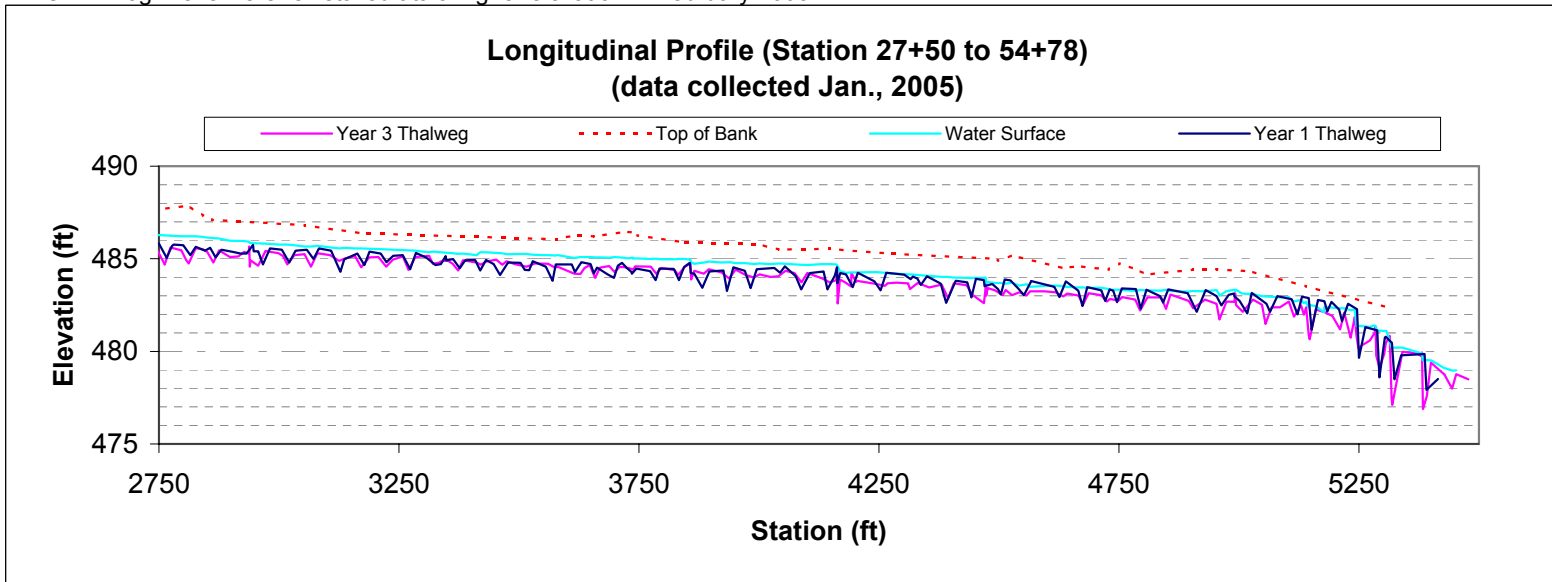
Westbrook 2007 Profile



Profile Data:2005



* NOTE: Log Weirs were reinstalled at a higher elevation in February 2005

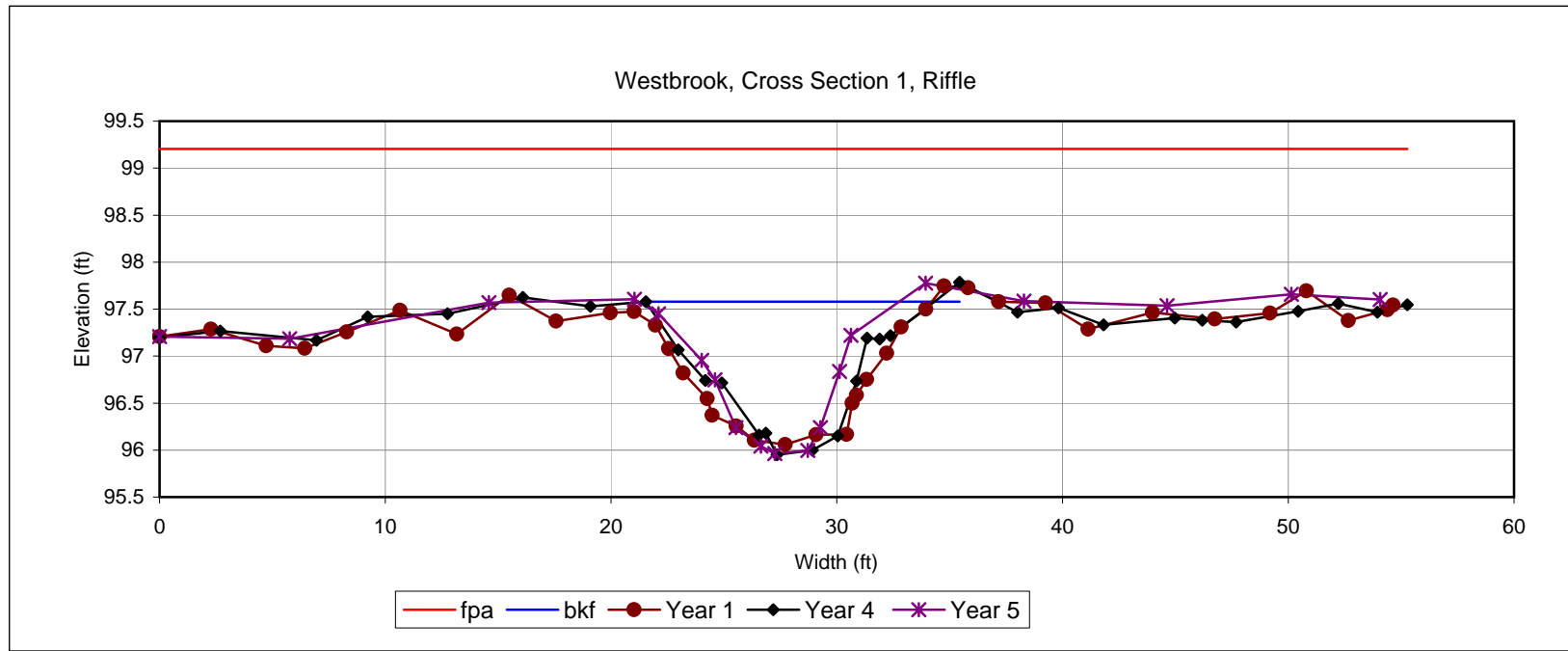




Left Bank



Right Bank

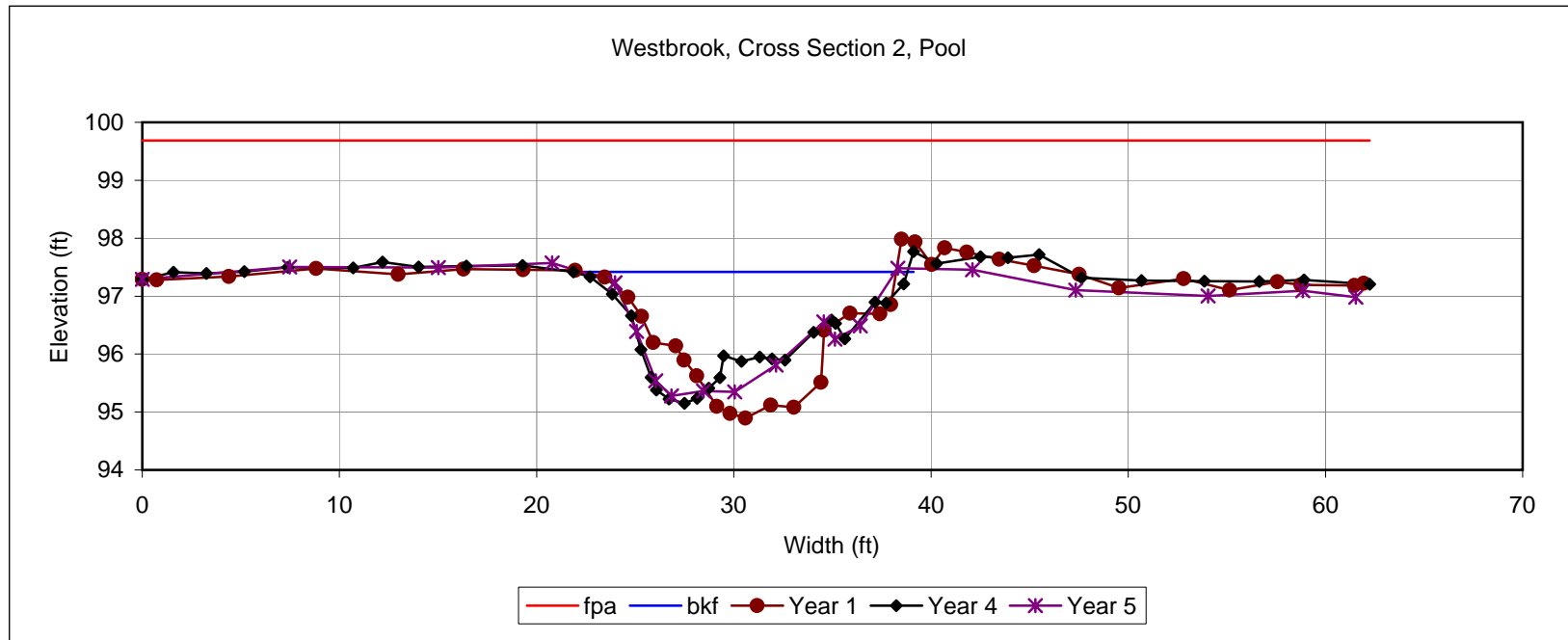




Left Bank



Right Bank

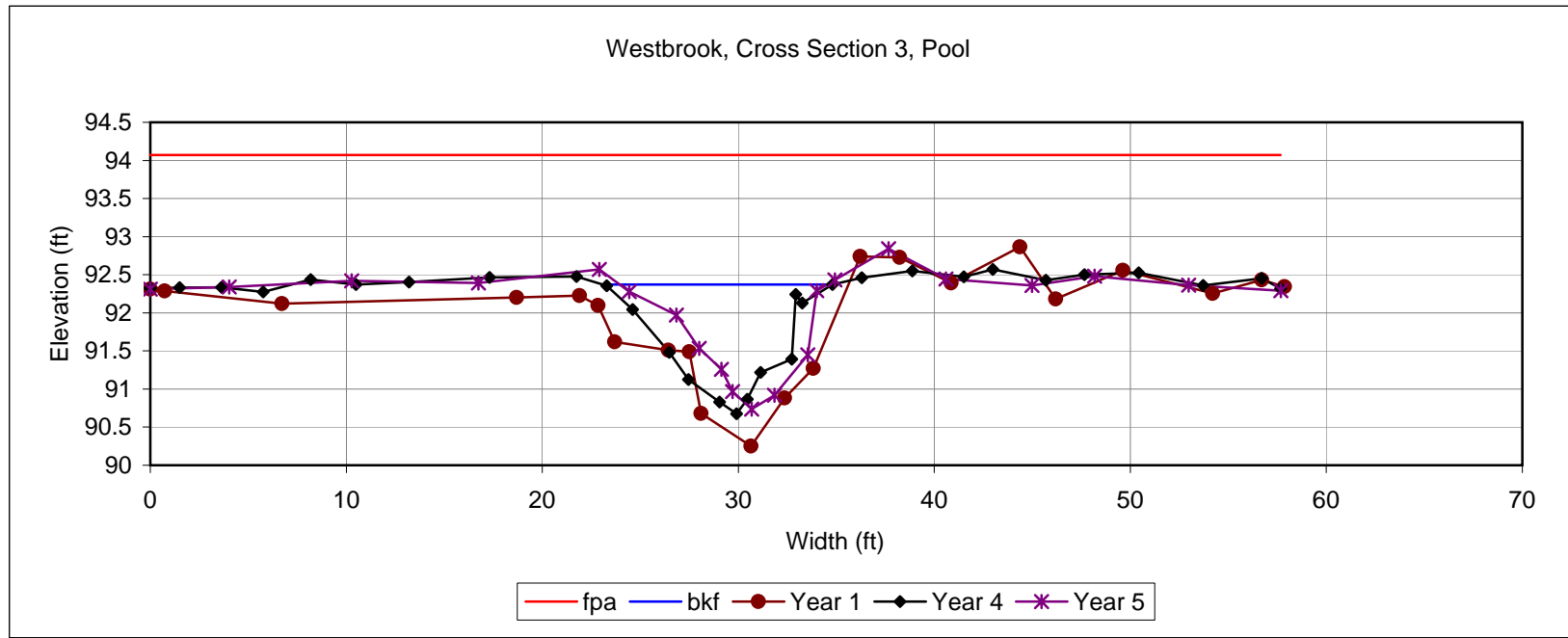




Left Bank



Right Bank

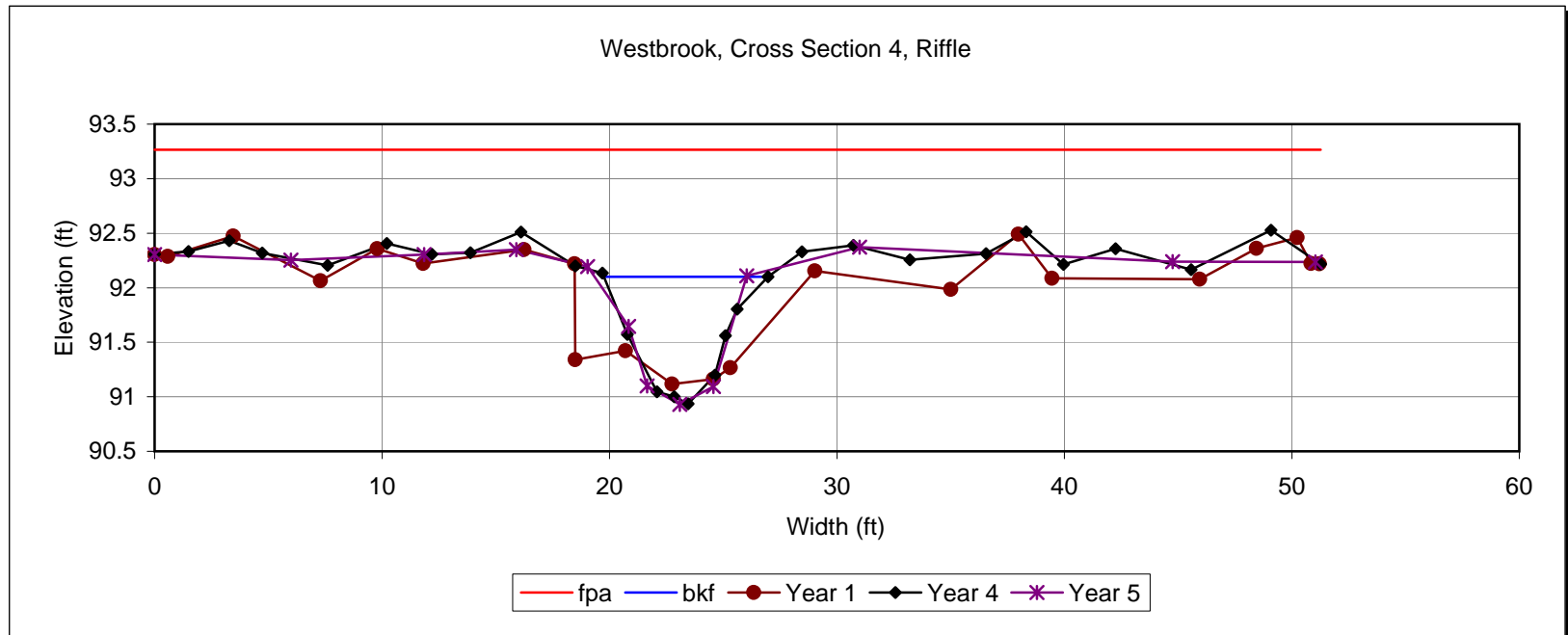




Left Bank



Right Bank

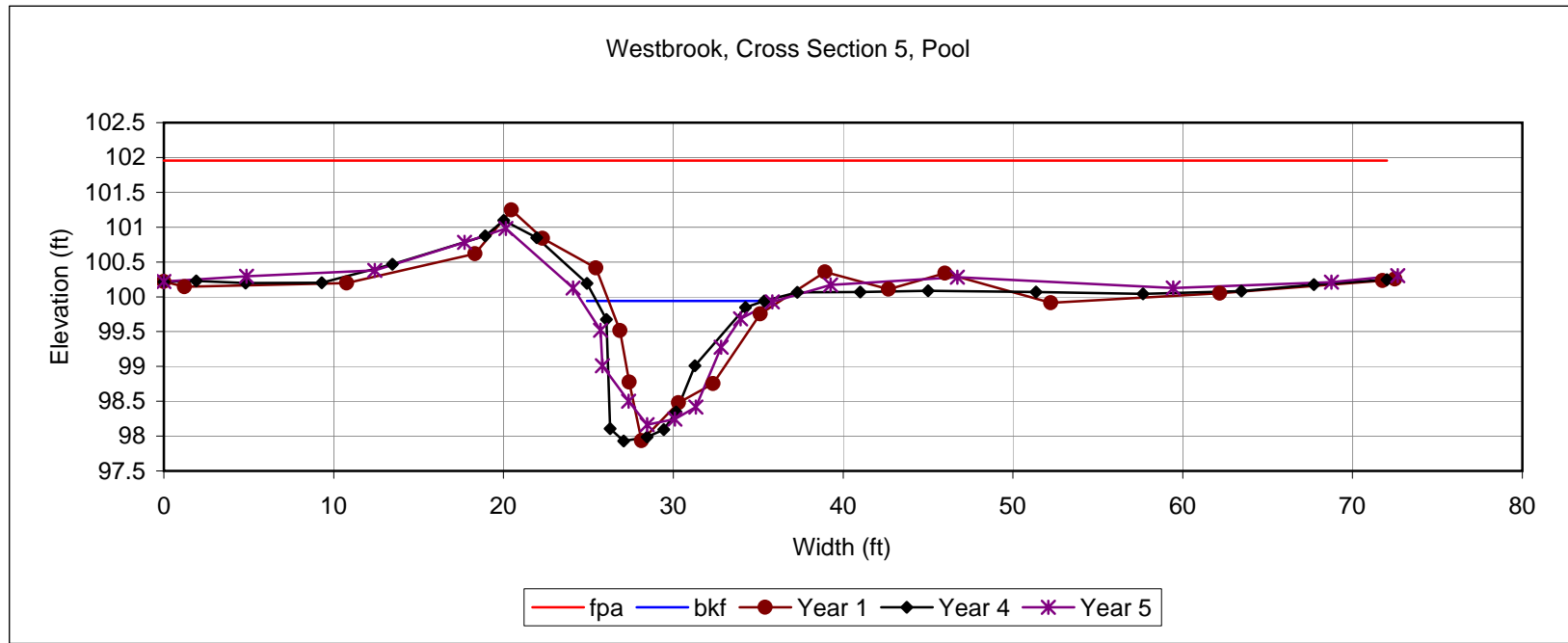




Left Bank



Right Bank

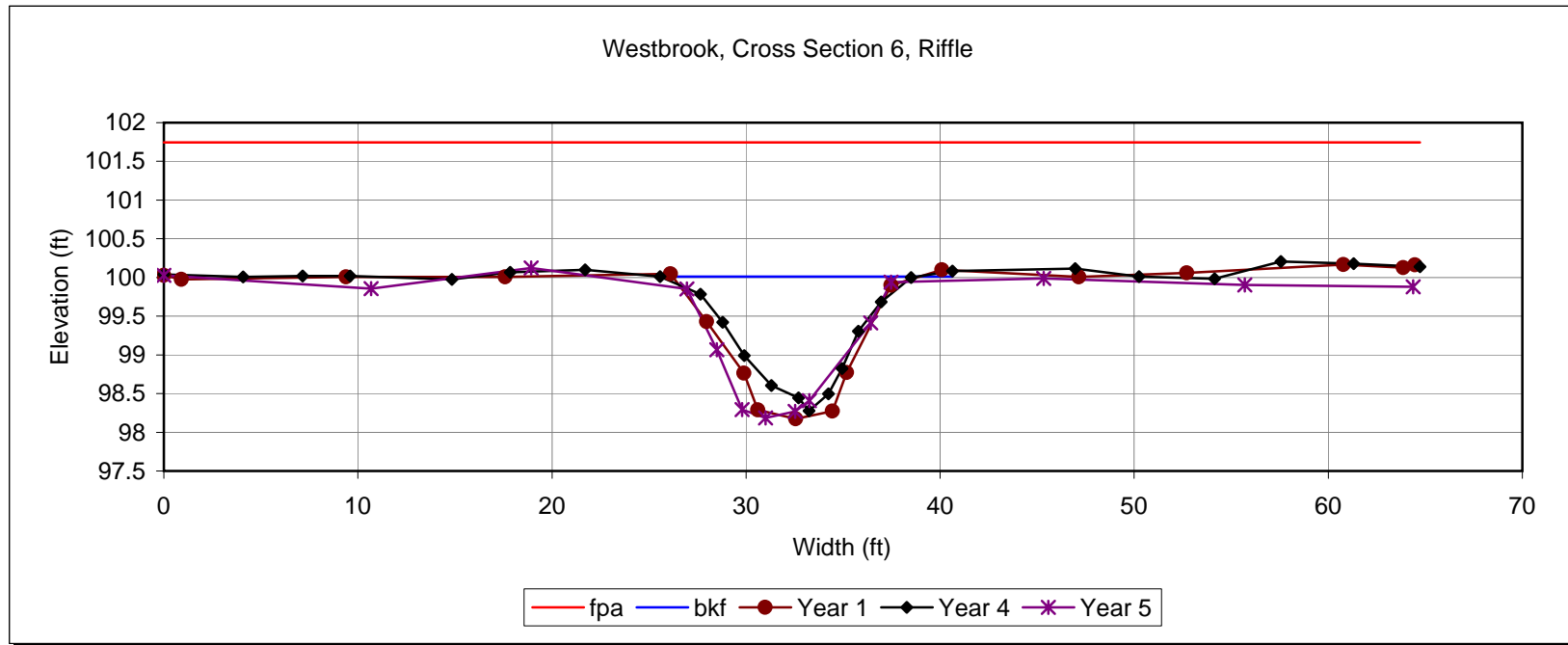




Left Bank



Right Bank

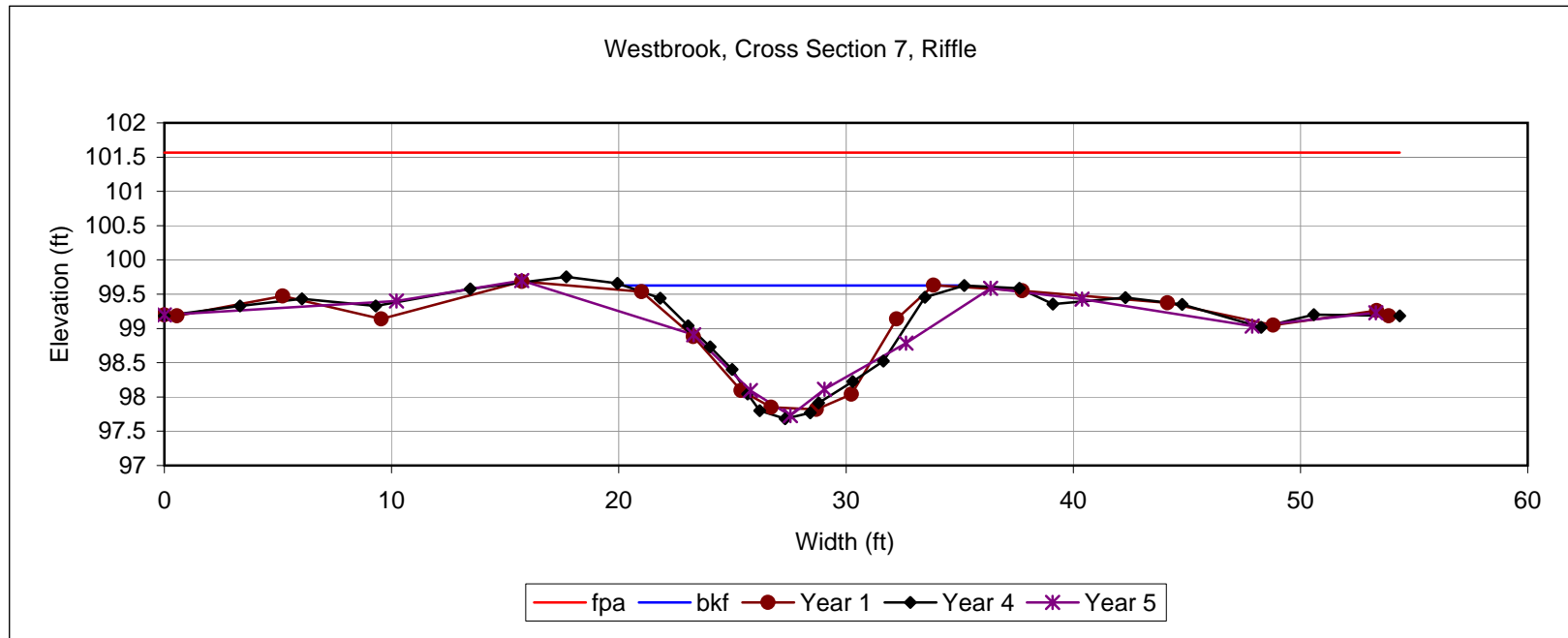




Left Bank



Right Bank

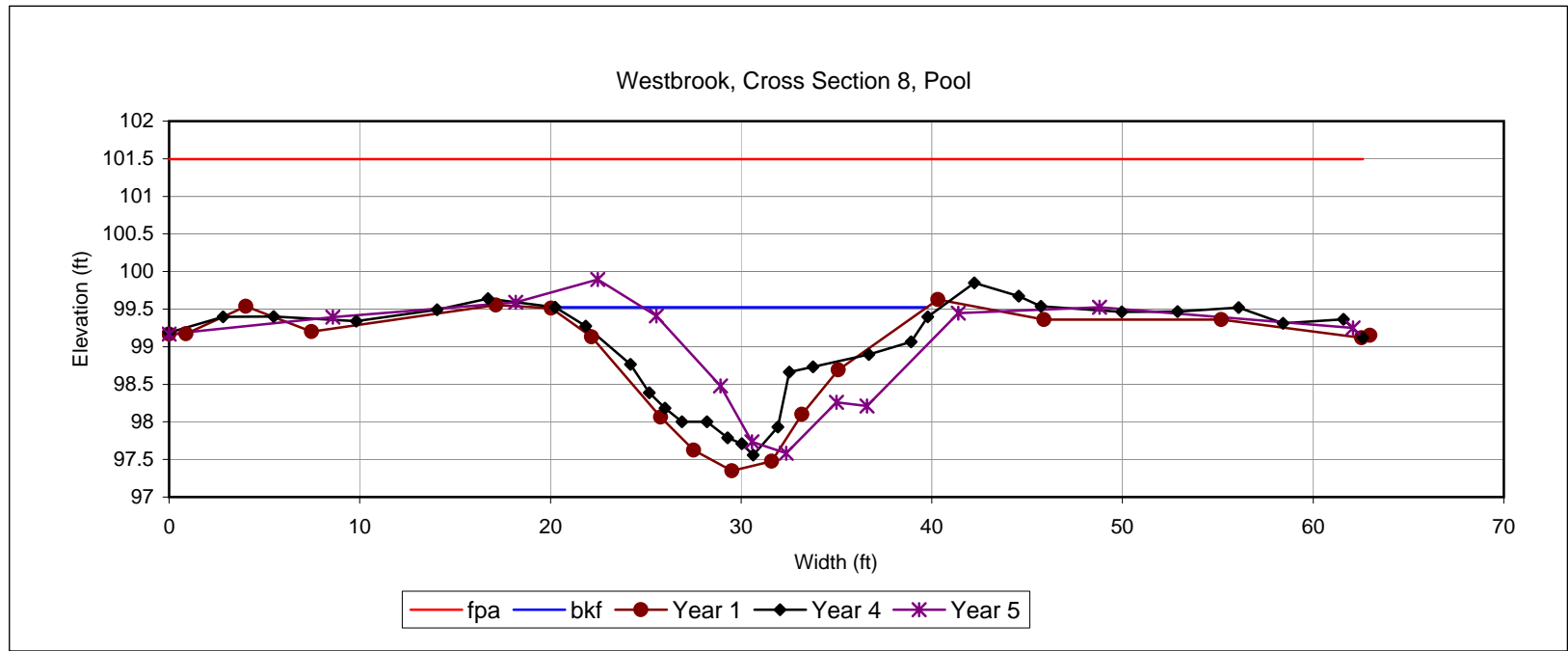




Left Bank



Right Bank

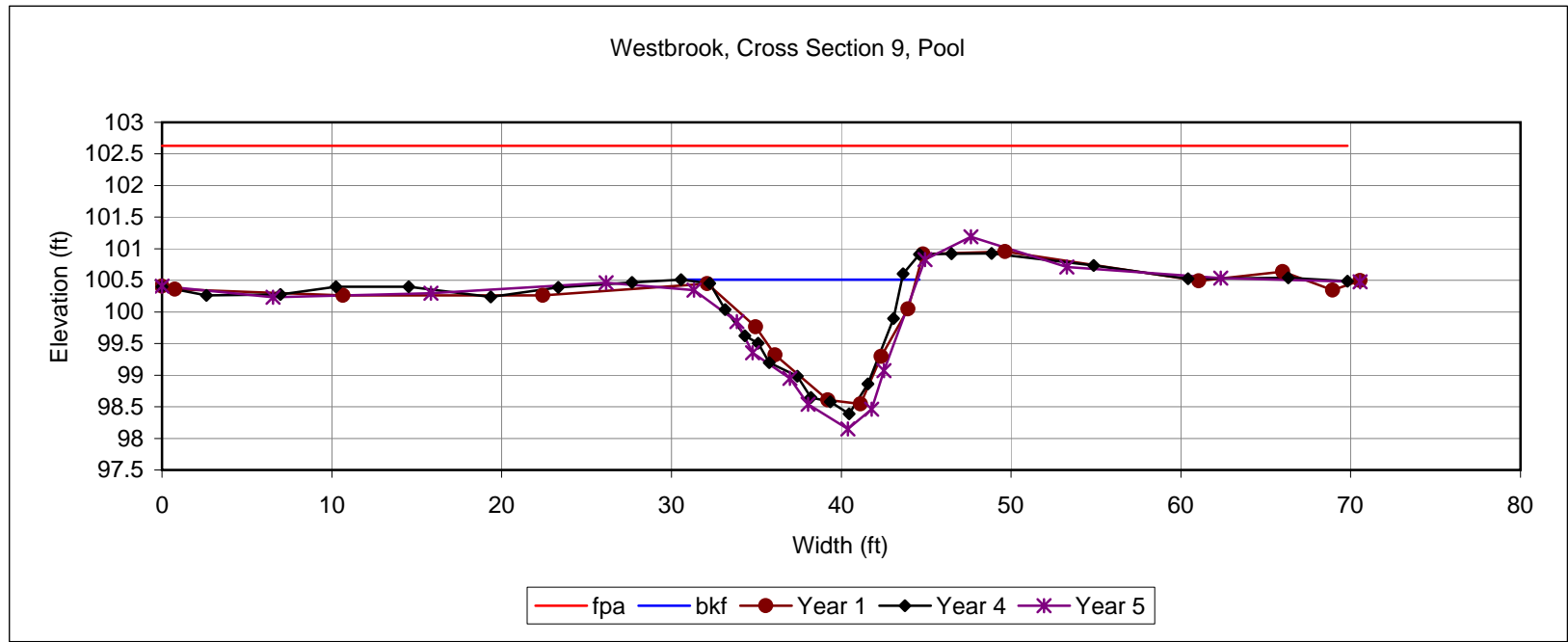




Left Bank



Right Bank

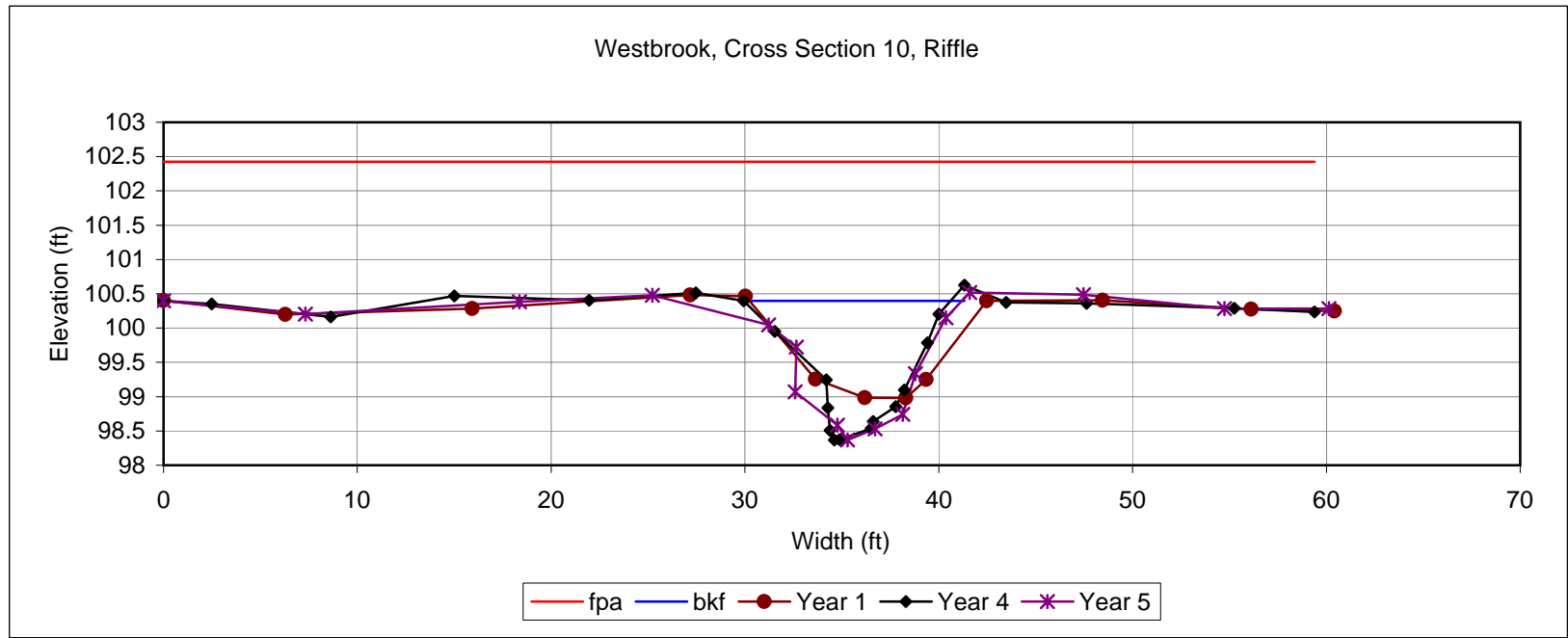




Left Bank



Right Bank

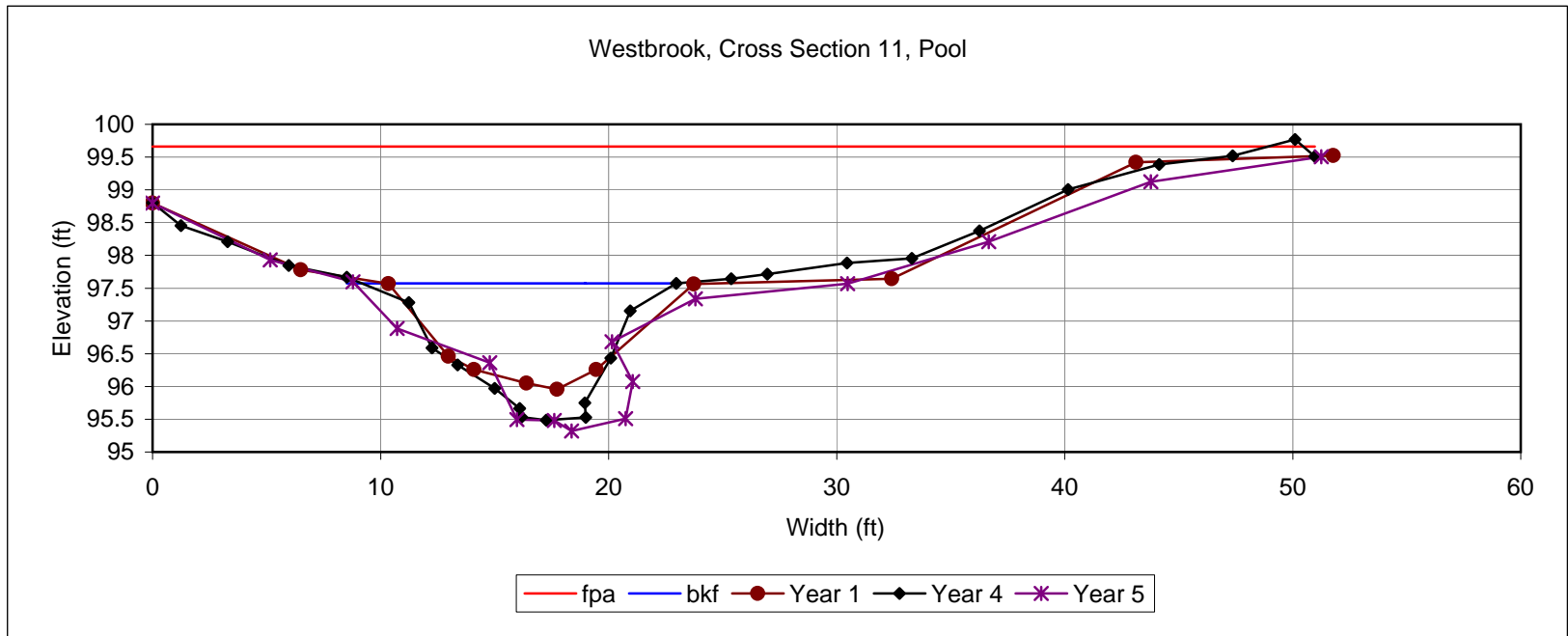




Left Bank



Right Bank



APPENDIX C

Gauge Data

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
1-Jan-07	08:00:00				-10.03	2.64
1-Jan-07	20:00:00				-10.79	2.36
2-Jan-07	08:00:00				-12.14	1.72
2-Jan-07	20:00:00				-12.81	1.35
3-Jan-07	08:00:00				-13.74	0.90
3-Jan-07	20:00:00				-13.83	0.92
4-Jan-07	08:00:00				-14.25	0.74
4-Jan-07	20:00:00				-14.35	0.69
5-Jan-07	08:00:00				-14.48	0.69
5-Jan-07	20:00:00				-14.10	0.96
6-Jan-07	08:00:00				-9.49	2.41
6-Jan-07	20:00:00				-10.62	2.01
7-Jan-07	08:00:00				-11.92	1.46
7-Jan-07	20:00:00				-8.31	2.58
8-Jan-07	08:00:00				-2.74	3.35
8-Jan-07	20:00:00				-4.64	3.12
9-Jan-07	08:00:00				-6.18	2.93
9-Jan-07	20:00:00				-7.50	2.62
10-Jan-07	08:00:00				-8.92	2.32
10-Jan-07	20:00:00				-10.10	2.13
11-Jan-07	08:00:00				-11.49	1.82
11-Jan-07	20:00:00				-12.01	1.85
12-Jan-07	08:00:00				-12.91	1.58
12-Jan-07	20:00:00				-13.20	1.46
13-Jan-07	08:00:00				-13.89	1.18
13-Jan-07	20:00:00				-14.12	1.01
14-Jan-07	08:00:00				-14.83	0.60
14-Jan-07	20:00:00				-15.05	0.39
15-Jan-07	08:00:00				-15.35	0.23
15-Jan-07	20:00:00				-15.44	0.17
16-Jan-07	08:00:00				-15.88	-0.08
16-Jan-07	20:00:00				-16.84	-1.23
17-Jan-07	08:00:00				-18.03	-2.42
17-Jan-07	20:00:00				-18.41	-2.62
18-Jan-07	08:00:00				-15.80	0.37
18-Jan-07	20:00:00				-8.18	2.76
19-Jan-07	08:00:00				-9.04	2.45
19-Jan-07	20:00:00				-10.24	2.15
20-Jan-07	08:00:00				-11.81	1.60
20-Jan-07	20:00:00				-13.24	0.90
21-Jan-07	08:00:00				-14.67	0.24
21-Jan-07	20:00:00				-9.72	2.00
22-Jan-07	08:00:00				-2.39	3.67
22-Jan-07	20:00:00				-4.71	3.32
23-Jan-07	08:00:00				-6.18	2.96
23-Jan-07	20:00:00				-7.35	2.81
24-Jan-07	08:00:00				-8.45	2.60
24-Jan-07	20:00:00				-9.29	2.51
25-Jan-07	08:00:00				-10.21	2.42
25-Jan-07	20:00:00				-11.26	2.13
26-Jan-07	08:00:00				-12.90	1.57
26-Jan-07	20:00:00				-13.27	1.61
27-Jan-07	08:00:00				-13.95	1.39
27-Jan-07	20:00:00				-14.33	1.18

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
28-Jan-07	08:00:00				-13.99	1.40
28-Jan-07	20:00:00				-14.18	1.34
29-Jan-07	08:00:00				-16.32	-0.39
29-Jan-07	20:00:00				-16.58	-0.90
30-Jan-07	08:00:00				-17.20	-1.25
30-Jan-07	20:00:00				-16.95	-0.93
31-Jan-07	08:00:00				-18.31	-2.28
31-Jan-07	20:00:00				-18.01	-2.20
1-Feb-07	08:00:00				-18.23	-2.10
1-Feb-07	20:00:00				-3.85	3.50
2-Feb-07	08:00:00				-3.50	3.49
2-Feb-07	20:00:00				-5.57	3.02
3-Feb-07	08:00:00				-7.24	2.52
3-Feb-07	20:00:00				-8.32	2.46
4-Feb-07	08:00:00				-9.50	2.30
4-Feb-07	20:00:00				-10.29	2.26
5-Feb-07	08:00:00				-12.00	1.67
5-Feb-07	20:00:00				-12.97	1.33
6-Feb-07	08:00:00				-14.51	0.46
6-Feb-07	20:00:00				-13.91	1.12
7-Feb-07	08:00:00				-14.69	0.90
7-Feb-07	20:00:00				-15.51	-0.03
8-Feb-07	08:00:00				-16.20	-0.68
8-Feb-07	20:00:00				-16.67	-1.12
9-Feb-07	08:00:00				-17.42	-1.60
9-Feb-07	20:00:00				-17.56	-1.63
10-Feb-07	08:00:00				-18.09	-2.10
10-Feb-07	20:00:00				-18.53	-2.52
11-Feb-07	08:00:00				-19.41	-3.49
11-Feb-07	20:00:00				-18.89	-2.81
12-Feb-07	08:00:00				-19.58	-3.38
12-Feb-07	20:00:00				-18.75	-2.61
13-Feb-07	08:00:00				-19.12	-2.87
13-Feb-07	20:00:00				-17.24	-1.06
14-Feb-07	08:00:00				-5.00	3.32
14-Feb-07	20:00:00				-7.19	2.51
15-Feb-07	08:00:00				-8.85	2.21
15-Feb-07	20:00:00				-9.85	2.12
16-Feb-07	08:00:00				-11.32	1.65
16-Feb-07	20:00:00				-12.51	1.24
17-Feb-07	08:00:00				-14.34	0.32
17-Feb-07	20:00:00				-14.04	0.89
18-Feb-07	08:00:00				-15.24	-0.03
18-Feb-07	20:00:00				-16.30	-1.42
19-Feb-07	08:00:00				-17.69	-2.52
19-Feb-07	20:00:00				-17.28	-1.64
20-Feb-07	08:00:00				-17.56	-1.63
20-Feb-07	20:00:00				-17.34	-1.49
21-Feb-07	08:00:00				-17.88	-1.93
21-Feb-07	20:00:00				-18.09	-2.22
22-Feb-07	08:00:00				-18.32	-2.31
22-Feb-07	20:00:00				-18.88	-3.18
23-Feb-07	08:00:00				-20.01	-4.10
23-Feb-07	20:00:00				-20.25	-4.36

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
24-Feb-07	08:00:00				-20.91	-4.94
24-Feb-07	20:00:00				-20.80	-4.80
25-Feb-07	08:00:00				-20.63	-4.51
25-Feb-07	20:00:00				-10.49	2.04
26-Feb-07	08:00:00				-11.82	0.93
26-Feb-07	20:00:00				-12.72	-0.04
27-Feb-07	08:00:00				-14.68	-1.42
27-Feb-07	20:00:00	-9.06		-5.69	-15.85	-1.99
28-Feb-07	08:00:00	-10.06		-6.96	-17.59	-3.04
28-Feb-07	20:00:00	-10.38		-7.19	-18.10	-3.25
1-Mar-07	08:00:00	-10.47		-7.29	-18.77	-3.38
1-Mar-07	20:00:00	-10.12		-6.88	-18.30	-2.56
2-Mar-07	08:00:00	0.39		0.83	-4.99	3.09
2-Mar-07	20:00:00	-0.77		0.84	-9.10	2.04
3-Mar-07	08:00:00	-4.15		-0.27	-10.63	1.56
3-Mar-07	20:00:00	-6.26		-1.52	-12.11	0.86
4-Mar-07	08:00:00	-8.01		-3.40	-14.43	-0.54
4-Mar-07	20:00:00	-9.07		-5.45	-15.93	-1.76
5-Mar-07	08:00:00	-9.86		-6.49	-17.40	-2.49
5-Mar-07	20:00:00	-10.01		-6.74	-17.76	-2.55
6-Mar-07	08:00:00	-11.00		-8.04	-19.21	-3.83
6-Mar-07	20:00:00	-11.17		-7.99	-19.51	-4.04
7-Mar-07	08:00:00	-11.04		-7.80	-19.61	-3.80
7-Mar-07	20:00:00	-11.13		-7.92	-19.64	-3.98
8-Mar-07	08:00:00	-11.99		-9.00	-20.78	-5.17
8-Mar-07	20:00:00	-12.20		-9.00	-20.96	-5.40
9-Mar-07	08:00:00	-12.69		-9.53	-21.60	-5.99
9-Mar-07	20:00:00	-12.54		-9.20	-21.39	-5.82
10-Mar-07	08:00:00	-12.72		-9.51	-21.73	-6.11
10-Mar-07	20:00:00	-12.61		-9.22	-21.50	-6.05
11-Mar-07	08:00:00	-12.85		-9.60	-21.92	-6.44
11-Mar-07	20:00:00	-13.13		-9.70	-22.10	-6.86
12-Mar-07	08:00:00	-13.57		-10.26	-22.64	-7.36
12-Mar-07	20:00:00	-13.31		-9.71	-22.35	-7.09
13-Mar-07	08:00:00	-13.60		-10.26	-22.75	-7.48
13-Mar-07	20:00:00	-13.41		-9.95	-22.57	-7.42
14-Mar-07	08:00:00	-13.50		-10.16	-22.82	-7.56
14-Mar-07	20:00:00	-13.38		-9.90	-22.58	-7.48
15-Mar-07	08:00:00	-13.52		-10.13	-22.86	-7.72
15-Mar-07	20:00:00	-13.60		-10.17	-22.89	-7.89
16-Mar-07	08:00:00	-8.46		-5.54	-19.87	-2.13
16-Mar-07	20:00:00	0.91		2.65	-4.78	2.62
17-Mar-07	08:00:00	-0.91		2.09	-7.08	2.21
17-Mar-07	20:00:00	-5.14		1.03	-9.21	1.13
18-Mar-07	08:00:00	-7.51		0.03	-11.11	0.00
18-Mar-07	20:00:00	-8.77		-1.28	-12.94	-1.22
19-Mar-07	08:00:00	-9.82		-2.90	-14.84	-2.00
19-Mar-07	20:00:00	-9.81		-4.57	-15.52	-2.13
20-Mar-07	08:00:00	-10.16		-5.58	-16.48	-2.56
20-Mar-07	20:00:00	-10.48		-6.15	-17.10	-3.09
21-Mar-07	08:00:00	-11.02		-7.00	-18.11	-3.83
21-Mar-07	20:00:00	-11.17		-7.15	-18.44	-3.99
22-Mar-07	08:00:00	-11.31		-7.40	-18.79	-4.19
22-Mar-07	20:00:00	-11.23		-7.29	-18.86	-4.29

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
23-Mar-07	08:00:00	-11.72		-7.96	-19.42	-4.79
23-Mar-07	20:00:00	-11.87		-8.13	-19.63	-5.13
24-Mar-07	08:00:00	-12.22		-8.66	-20.22	-5.67
24-Mar-07	20:00:00	-12.38		-8.67	-20.41	-5.94
25-Mar-07	08:00:00	-12.89		-9.43	-21.04	-6.62
25-Mar-07	20:00:00	-13.46		-10.06	-21.60	-7.43
26-Mar-07	08:00:00	-13.72		-10.26	-22.04	-7.63
26-Mar-07	20:00:00	-13.59		-10.00	-21.90	-7.43
27-Mar-07	08:00:00	-13.57		-9.91	-22.03	-7.52
27-Mar-07	20:00:00	-13.90		-10.44	-22.24	-7.90
28-Mar-07	08:00:00	-13.99		-10.45	-22.55	-8.16
28-Mar-07	20:00:00	-14.46		-11.21	-22.95	-8.83
29-Mar-07	08:00:00	-10.88	-2.50	-7.59	-21.55	-2.68
29-Mar-07	20:00:00	-11.03	-5.82	-6.04	-18.42	-5.47
30-Mar-07	08:00:00	-12.99	-8.37	-8.10	-20.00	-6.80
30-Mar-07	20:00:00	-13.29	-9.23	-8.66	-20.51	-7.22
31-Mar-07	08:00:00	-13.74	-10.12	-9.42	-21.33	-8.38
31-Mar-07	20:00:00	-14.11	-10.80	-10.03	-21.90	-8.38
1-Apr-07	08:00:00	-14.33	-11.12	-10.36	-22.43	-8.71
1-Apr-07	20:00:00	-14.53	-11.55	-10.67	-22.74	-8.98
2-Apr-07	08:00:00	-11.48	-6.98	-7.54	-21.40	-6.75
2-Apr-07	20:00:00	-13.86	-10.00	-9.94	-21.96	-8.64
3-Apr-07	08:00:00	-14.78	-11.60	-10.93	-23.01	-9.38
3-Apr-07	20:00:00	-15.12	-12.58	-11.57	-23.41	-9.73
4-Apr-07	08:00:00	-14.73	-11.82	-10.53	-23.08	-8.96
4-Apr-07	20:00:00	-15.48	-13.25	-12.17	-23.90	-10.35
5-Apr-07	08:00:00	-16.27	-14.43	-13.12	-24.80	-11.26
5-Apr-07	20:00:00	-16.68	-15.07	-10.57	-25.27	-11.76
6-Apr-07	08:00:00	-17.05	-15.56	-13.76	-25.67	-11.96
6-Apr-07	20:00:00	-16.81	-15.09	-13.36	-25.43	-11.49
7-Apr-07	08:00:00	-16.80	-14.44	-13.41	-25.77	-12.08
7-Apr-07	20:00:00	-17.40	-15.77	-14.37	-26.19	-12.92
8-Apr-07	08:00:00	-17.90	-16.32	-14.64	-26.65	-13.15
8-Apr-07	20:00:00	-17.77	-15.99	-14.34	-26.56	-13.09
9-Apr-07	08:00:00	-18.06	-16.24	-14.47	-26.88	-13.37
9-Apr-07	20:00:00	-17.96	-16.00	-14.52	-26.79	-13.22
10-Apr-07	08:00:00	-18.24	-16.33	-14.85	-27.11	-13.59
10-Apr-07	20:00:00	-18.14	-16.31	-14.75	-27.12	-13.72
11-Apr-07	08:00:00	-18.03	-15.58	-14.13	-26.94	-13.24
11-Apr-07	20:00:00	-17.44	-14.24	-13.18	-26.30	-12.55
12-Apr-07	08:00:00	2.58	1.57	2.78	-6.76	1.83
12-Apr-07	20:00:00	-2.77	3.75	2.57	-8.83	-0.06
13-Apr-07	08:00:00	-7.95	1.33	1.29	-10.97	-2.46
13-Apr-07	20:00:00	-10.20	0.84	0.20	-13.04	-3.35
14-Apr-07	08:00:00	-11.21	-0.32	-1.03	-15.07	-4.11
14-Apr-07	20:00:00	-11.39	-2.53	-3.21	-16.08	-4.03
15-Apr-07	08:00:00	1.43	2.26	2.48	-1.92	3.59
15-Apr-07	20:00:00	0.90	5.40	3.31	-2.09	3.24
16-Apr-07	08:00:00	0.50	5.19	3.87	-3.56	3.41
16-Apr-07	20:00:00	-2.87	1.72	2.99	-6.11	2.58
17-Apr-07	08:00:00	-5.04	1.28	2.38	-7.86	2.11
17-Apr-07	20:00:00	-6.80	0.72	1.64	-10.23	1.28
18-Apr-07	08:00:00	-7.58	-0.43	0.80	-11.95	0.55
18-Apr-07	20:00:00	-8.50	-2.44	-0.27	-13.66	-0.58

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
19-Apr-07	08:00:00	-9.06	-3.90	-1.39	-14.85	-1.27
19-Apr-07	20:00:00	-9.58	-5.23	-2.59	-15.87	-1.98
20-Apr-07	08:00:00	-10.12	-6.36	-4.51	-16.66	-2.59
20-Apr-07	20:00:00	-10.88	-7.67	-5.88	-17.55	-3.33
21-Apr-07	08:00:00	-11.37	-8.51	-6.75	-18.34	-3.92
21-Apr-07	20:00:00	-12.01	-9.56	-7.76	-19.11	-4.70
22-Apr-07	08:00:00	-12.30	-9.91	-8.15	-19.70	-5.16
22-Apr-07	20:00:00	-13.00	-11.08	-9.18	-20.45	-5.92
23-Apr-07	08:00:00	-13.24	-11.10	-9.37	-20.96	-6.35
23-Apr-07	20:00:00	-13.86	-12.33	-10.43	-21.56	-7.05
24-Apr-07	08:00:00	-13.84	-11.57	-10.10	-21.78	-7.10
24-Apr-07	20:00:00	-14.44	-12.94	-11.20	-22.43	-7.03
25-Apr-07	08:00:00	-14.41	-12.16	-10.63	-22.56	-7.53
25-Apr-07	20:00:00	-15.16	-14.02	-12.23	-23.33	-8.22
26-Apr-07	08:00:00	-15.28	-13.43	-11.85	-23.73	-8.89
26-Apr-07	20:00:00	-15.82	-14.81	-12.96	-24.26	-9.27
27-Apr-07	08:00:00	-15.73	-13.88	-12.17	-24.35	-9.30
27-Apr-07	20:00:00	-15.98	-14.17	-12.78	-24.61	-9.41
28-Apr-07	08:00:00	-16.34	-14.69	-12.99	-24.98	-10.42
28-Apr-07	20:00:00	-17.10	-16.54	-14.47	-25.75	-10.99
29-Apr-07	08:00:00	-17.41	-16.39	-14.26	-26.14	-11.86
29-Apr-07	20:00:00	-18.05	-17.80	-15.56	-26.83	-12.14
30-Apr-07	08:00:00	-18.32	-17.72	-15.36	-27.22	-13.05
30-Apr-07	20:00:00	-18.78	-18.74	-16.39	-27.78	-13.01
1-May-07	08:00:00	-18.98	-18.44	-16.18	-28.10	-13.99
1-May-07	20:00:00	-19.53	-19.66	-17.20	-28.68	-14.21
2-May-07	08:00:00	-19.68	-19.45	-16.98	-29.03	-14.72
2-May-07	20:00:00	-20.16	-20.34	-18.01	-29.56	-15.01
3-May-07	08:00:00	-20.42	-20.49	-18.26	-29.98	-15.85
3-May-07	20:00:00	-20.76	-21.05	-18.82	-30.45	-16.06
4-May-07	08:00:00	-20.83	-20.64	-18.35	-30.54	-16.10
4-May-07	20:00:00	-20.55	-20.01	-17.39	-30.36	-15.71
5-May-07	08:00:00	-20.54	-19.63	-17.13	-30.32	-16.18
5-May-07	20:00:00	-20.76	-20.13	-17.49	-30.54	-16.11
6-May-07	08:00:00	-11.59	-10.22	-11.49	-24.05	-9.91
6-May-07	20:00:00	-15.88	-11.65	-14.44	-24.59	-12.50
7-May-07	08:00:00	-17.15	-13.27	-14.90	-25.82	-13.69
7-May-07	20:00:00	-18.22	-15.92	-16.45	-27.29	-14.67
8-May-07	08:00:00	-18.84	-16.78	-16.59	-28.06	-15.33
8-May-07	20:00:00	-18.72	-16.43	-16.13	-28.67	-15.15
9-May-07	08:00:00	-18.95	-16.68	-16.11	-28.81	-15.54
9-May-07	20:00:00	-19.36	-17.58	-16.98	-29.25	-15.86
10-May-07	08:00:00	-19.71	-17.89	-16.89	-29.58	-16.40
10-May-07	20:00:00	-20.26	-18.85	-17.87	-30.21	-16.58
11-May-07	08:00:00	-20.71	-19.45	-18.08	-30.64	-17.59
11-May-07	20:00:00	-21.33	-20.54	-19.17	-31.37	-17.78
12-May-07	08:00:00	-21.67	-21.04	-19.33	-31.79	-18.44
12-May-07	20:00:00	-21.98	-21.43	-19.90	-32.20	-18.45
13-May-07	08:00:00	-21.88	-20.97	-19.89	-32.33	-18.78
13-May-07	20:00:00	-22.31	-21.74	-20.29	-32.78	-19.05
14-May-07	08:00:00	-22.78	-22.34	-20.60	-33.09	-20.13
14-May-07	20:00:00	-23.29	-22.82	-21.11	-33.54	-19.79
15-May-07	08:00:00	-23.65	-23.31	-21.45	-33.89	-20.97
15-May-07	20:00:00	-24.07	-23.57	-22.21	-34.33	-20.51

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
16-May-07	08:00:00	-24.36	-24.04	-22.49	-34.81	-21.46
16-May-07	20:00:00	-24.83	-24.63	-23.39	-35.37	-21.49
17-May-07	08:00:00	-12.08	-12.24	-13.69	-31.15	-14.42
17-May-07	20:00:00	-16.40	-14.45	-15.61	-28.79	-15.80
18-May-07	08:00:00	-17.90	-15.93	-13.93	-28.75	-16.55
18-May-07	20:00:00	-18.31	-16.88	-14.21	-29.58	-16.30
19-May-07	08:00:00	-18.96	-17.57	-14.65	-29.55	-16.93
19-May-07	20:00:00	-19.72	-18.49	-16.21	-30.22	-16.97
20-May-07	08:00:00	-20.41	-19.47	-16.84	-30.70	-18.24
20-May-07	20:00:00	-21.30	-20.35	-18.24	-31.67	-18.29
21-May-07	08:00:00	-21.99	-21.39	-19.13	-32.44	-19.89
21-May-07	20:00:00	-22.84	-22.41	-20.18	-33.45	-19.89
22-May-07	08:00:00	-23.46	-23.40	-20.38	-34.13	-20.87
22-May-07	20:00:00	-24.03	-24.21	-21.70	-35.04	-20.80
23-May-07	08:00:00	-24.77	-25.43	-22.30	-35.79	-22.22
23-May-07	20:00:00	-22.99	-15.96	-16.89	-37.52	-24.21
24-May-07	08:00:00	-23.85	-17.05	-17.32	-38.05	-25.89
24-May-07	20:00:00	-25.09	-17.36	-18.01	-38.56	-26.16
25-May-07	08:00:00	-26.11	-18.43	-18.33	-39.12	-27.55
25-May-07	20:00:00	-27.19	-18.61	-18.96	-39.63	-27.55
26-May-07	08:00:00	-28.20	-19.71	-19.32	-40.23	-29.04
26-May-07	20:00:00	-29.18	-19.85	-20.03	-40.93	-29.11
27-May-07	08:00:00	-30.13	-20.82	-20.46	-41.79	-30.51
27-May-07	20:00:00	-31.03	-21.18	-21.13	-42.32	-30.58
28-May-07	08:00:00	-31.90	-22.19	-21.59	-42.90	-32.00
28-May-07	20:00:00	-32.72	-22.37	-22.15	-43.40	-31.83
29-May-07	08:00:00	-33.50	-23.41	-22.57	-43.99	-33.32
29-May-07	20:00:00	-34.27	-23.56	-23.15	-44.54	-33.13
30-May-07	08:00:00	-35.04	-24.49	-23.67	-45.15	-34.52
30-May-07	20:00:00	-35.78	-24.55	-24.23	-45.64	-34.55
31-May-07	08:00:00	-36.53	-25.59	-24.73	-46.21	-35.92
31-May-07	20:00:00	-37.23	-25.82	-25.27	-46.72	-35.91
1-Jun-07	08:00:00	-37.95	-26.75	-25.75	-47.23	-37.19
1-Jun-07	20:00:00	-38.62	-26.89	-26.26	-47.73	-37.13
2-Jun-07	08:00:00	-39.31	-27.91	-26.76	-48.23	-38.33
2-Jun-07	20:00:00	-39.91	-27.97	-27.13	-48.63	-38.25
3-Jun-07	08:00:00	-36.57	-23.42	-22.54	-37.73	-27.97
3-Jun-07	20:00:00	-31.92	-23.86	-22.56	-43.43	-32.97
4-Jun-07	08:00:00	-30.53	-24.49	-23.11	-44.67	-33.91
4-Jun-07	20:00:00	-30.25	-24.16	-24.04	-45.22	-33.50
5-Jun-07	08:00:00	-31.53	-24.32	-24.83	-45.77	-35.00
5-Jun-07	20:00:00	-33.44	-24.64	-25.61	-46.35	-35.52
6-Jun-07	08:00:00	-35.20	-25.79	-26.36	-47.05	-37.29
6-Jun-07	20:00:00	-36.77	-26.03	-27.16	-47.69	-37.58
7-Jun-07	08:00:00	-38.17	-27.34	-27.61	-48.35	-39.42
7-Jun-07	20:00:00	-39.36	-27.79	-28.06	-48.87	-39.51
8-Jun-07	08:00:00	-40.40	-28.68	-28.45	-49.34	-40.89
8-Jun-07	20:00:00	-41.25	-28.97	-28.87	-49.79	-40.64
9-Jun-07	08:00:00	-42.06	-29.91	-29.25	-50.29	-42.07
9-Jun-07	20:00:00	-42.90	-28.66	-29.80	-50.71	-41.66
10-Jun-07	08:00:00	-43.73	-29.26	-30.34	-51.15	-42.98
10-Jun-07	20:00:00	-44.50	-29.14	-30.83	-51.33	-43.18
11-Jun-07	08:00:00	-45.29	-29.85	-31.34	-51.67	-44.18
11-Jun-07	20:00:00	-45.38	-30.84	-31.78	-51.65	-44.24

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
12-Jun-07	08:00:00	-44.55	-31.33	-32.22	-51.64	-45.34
12-Jun-07	20:00:00	-44.54	-31.71	-32.62	-51.63	-45.25
13-Jun-07	08:00:00	-44.54	-31.95	-33.04	-51.64	-46.22
13-Jun-07	20:00:00	-44.55	-32.38	-33.49	-51.62	-46.02
14-Jun-07	08:00:00	-44.54	-32.94	-33.96	-51.63	-46.81
14-Jun-07	20:00:00	-44.54	-33.38	-34.31	-51.63	-46.89
15-Jun-07	08:00:00	-44.55	-33.62	-34.72	-51.64	-47.79
15-Jun-07	20:00:00	-44.55	-34.11	-35.07	-51.64	-47.59
16-Jun-07	08:00:00	-44.54	-36.38	-35.47	-51.64	-48.51
16-Jun-07	20:00:00	-44.54	-36.32	-35.83	-51.63	-48.15
17-Jun-07	08:00:00	-44.55	-37.69	-36.23	-51.64	-49.36
17-Jun-07	20:00:00	-44.54	-35.65	-36.63	-51.63	-48.98
18-Jun-07	08:00:00	-44.55	-36.72	-37.04	-51.64	-51.16
18-Jun-07	20:00:00	-44.55	-37.96	-37.42	-51.62	-49.78
19-Jun-07	08:00:00	-44.53	-39.41	-37.89	-51.64	-51.03
19-Jun-07	20:00:00	-44.55	-39.58	-38.27	-51.64	-50.83
20-Jun-07	08:00:00	-44.54	-40.47	-38.72	-51.64	-51.33
20-Jun-07	20:00:00	-44.54	-40.27	-39.15	-51.63	-51.31
21-Jun-07	08:00:00	-44.55	-41.48	-39.53	-51.64	-52.15
21-Jun-07	20:00:00	-44.55	-40.54	-39.89	-51.63	-52.15
22-Jun-07	08:00:00	-44.56	-42.29	-40.27	-51.63	-52.74
22-Jun-07	20:00:00	-44.54	-42.22	-40.65	-51.64	-52.93
23-Jun-07	08:00:00	-44.55	-43.09	-41.11	-51.63	-53.59
23-Jun-07	20:00:00	-44.54	-42.64	-41.46	-51.64	-53.92
24-Jun-07	08:00:00	-44.54	-43.95	-41.89	-51.63	-54.55
24-Jun-07	20:00:00	-44.53	-44.16	-42.28	-51.63	-55.01
25-Jun-07	08:00:00	-44.56	-41.64	-42.65	-51.63	-55.58
25-Jun-07	20:00:00	-44.55	-41.64	-43.00	-51.63	-49.98
26-Jun-07	08:00:00	-44.55	-41.71	-43.36	-51.63	-49.97
26-Jun-07	20:00:00	-44.54	-41.80	-43.66	-51.63	-49.98
27-Jun-07	08:00:00	-44.55	-41.95	-43.49	-51.63	-49.99
27-Jun-07	20:00:00	-44.54	-42.08	-43.49	-51.64	-49.98
28-Jun-07	08:00:00	-44.55	-42.25	-43.49	-51.63	-50.00
28-Jun-07	20:00:00	-44.55	-42.48	-43.49	-51.65	-50.03
29-Jun-07	08:00:00	-44.55	-42.84	-43.49	-51.62	-50.03
29-Jun-07	20:00:00	-44.55	-42.37	-43.49	-51.63	-50.04
30-Jun-07	08:00:00	-44.56	-42.28	-43.48	-51.64	-50.03
30-Jun-07	20:00:00	-44.55	-42.19	-43.48	-37.91	-19.42
1-Jul-07	08:00:00	-44.55	-32.69	-41.68	-46.31	-47.76
1-Jul-07	20:00:00	-44.54	-38.43	-41.74	-48.98	-50.03
2-Jul-07	08:00:00	-44.55	-41.50	-41.61	-50.89	-50.03
2-Jul-07	20:00:00	-44.55	-41.66	-41.51	-51.68	-50.04
3-Jul-07	08:00:00	-44.57	-41.77	-41.40	-51.62	-50.03
3-Jul-07	20:00:00	-44.55	-41.91	-41.48	-51.62	-50.04
4-Jul-07	08:00:00	-44.54	-42.08	-41.57	-51.62	-50.05
4-Jul-07	20:00:00	-44.55	-42.22	-41.91	-51.62	-50.05
5-Jul-07	08:00:00	-44.55	-42.71	-42.34	-51.62	-50.03
5-Jul-07	20:00:00	-44.56	-42.33	-42.90	-51.62	-50.03
6-Jul-07	08:00:00	-44.55	-42.24	-43.53	-51.61	-50.04
6-Jul-07	20:00:00	-44.55	-42.25	-43.47	-51.62	-50.04
7-Jul-07	08:00:00	-44.55	-42.25	-43.46	-51.61	-50.05
7-Jul-07	20:00:00	-44.55	-42.28	-43.47	-51.59	-50.03
8-Jul-07	08:00:00	-44.56	-42.23	-43.47	-51.61	-50.04
8-Jul-07	20:00:00	-44.55	-42.32	-43.47	-51.62	-50.04

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
9-Jul-07	08:00:00	-44.55	-42.35	-43.47	-51.61	-50.03
9-Jul-07	20:00:00	-44.54	-42.34	-43.47	-51.61	-50.04
10-Jul-07	08:00:00	-44.55	-42.38	-43.46	-51.61	-50.03
10-Jul-07	20:00:00	-44.56	-30.11	-43.46	-38.30	-31.50
11-Jul-07	08:00:00	-44.56	-36.62	-43.46	-44.49	-50.04
11-Jul-07	20:00:00	-44.55	-41.84	-43.47	-46.96	-50.04
12-Jul-07	08:00:00	-44.55	-39.83	-43.46	-48.85	-50.04
12-Jul-07	20:00:00	-44.55	-42.51	-43.46	-50.52	-50.04
13-Jul-07	08:00:00	-44.55	-42.57	-43.45	-51.51	-50.03
13-Jul-07	20:00:00	-44.55	-42.58	-43.45	-51.58	-50.03
14-Jul-07	08:00:00	-44.55	-42.61	-43.46	-51.59	-50.02
14-Jul-07	20:00:00	-44.55	-42.58	-43.47	-51.60	-50.04
15-Jul-07	08:00:00	-44.55	-42.55	-43.45	-51.62	-50.04
15-Jul-07	20:00:00	-44.56	-42.52	-43.46	-51.61	-50.03
16-Jul-07	08:00:00	-44.55	-42.50	-43.46	-51.62	-50.04
16-Jul-07	20:00:00	-44.55	-42.41	-43.45	-51.61	-50.03
17-Jul-07	08:00:00	-44.55	-42.41	-43.45	-51.61	-50.02
17-Jul-07	20:00:00	-44.56	-42.41	-43.45	-51.61	-50.04
18-Jul-07	08:00:00	-4.17	-23.85	-35.69	-42.54	-31.19
18-Jul-07	20:00:00	-17.84	-13.66	-30.96	-42.89	-35.06
19-Jul-07	08:00:00	-22.46	-10.54	-28.77	-43.17	-35.53
19-Jul-07	20:00:00	-26.33	-13.87	-29.38	-43.56	-35.97
20-Jul-07	08:00:00	-29.75	-17.16	-29.78	-44.22	-37.03
20-Jul-07	20:00:00	-33.45	-19.86	-30.45	-45.03	-38.40
21-Jul-07	08:00:00	-36.61	-21.86	-30.83	-45.98	-40.56
21-Jul-07	20:00:00	-39.42	-23.66	-31.52	-46.94	-41.99
22-Jul-07	08:00:00	-41.70	-24.51	-31.80	-47.96	-43.17
22-Jul-07	20:00:00	-43.77	-25.43	-32.37	-48.73	-44.23
23-Jul-07	08:00:00	-44.55	-26.23	-32.69	-49.54	-45.29
23-Jul-07	20:00:00	-44.55	-27.08	-33.27	-50.34	-46.24
24-Jul-07	08:00:00	-44.55	-27.82	-33.65	-51.09	-47.68
24-Jul-07	20:00:00	-44.56	-28.60	-34.24	-51.42	-48.59
25-Jul-07	08:00:00	-44.55	-29.30	-34.71	-51.67	-49.76
25-Jul-07	20:00:00	-44.56	-30.00	-35.34	-51.62	-50.38
26-Jul-07	08:00:00	-44.56	-30.68	-35.83	-51.64	-50.04
26-Jul-07	20:00:00	-44.56	-31.66	-36.46	-51.64	-50.03
27-Jul-07	08:00:00	-44.57	-32.58	-36.89	-51.66	-50.04
27-Jul-07	20:00:00	-44.57	-33.50	-37.57	-51.65	-50.02
28-Jul-07	08:00:00	-44.57	-34.17	-38.07	-51.66	-50.04
28-Jul-07	20:00:00	-44.57	-35.07	-38.72	-51.65	-50.03
29-Jul-07	08:00:00	-44.58	-36.08	-39.22	-51.62	-50.02
29-Jul-07	20:00:00	-44.57	-36.96	-39.84	-51.61	-50.04
30-Jul-07	08:00:00	-44.57	-37.83	-40.33	-51.62	-50.04
30-Jul-07	20:00:00	-44.57	-39.54	-40.80	-51.63	-50.03
31-Jul-07	08:00:00	-44.56	-40.95	-41.02	-51.62	-50.04
31-Jul-07	20:00:00	-44.57	-41.63	-41.12	-51.63	-50.04
1-Aug-07	08:00:00	-44.56	-41.71	-40.87	-51.61	-50.03
1-Aug-07	20:00:00	-44.55	-41.78	-41.17	-51.62	-50.03
2-Aug-07	08:00:00	-44.55	-41.91	-41.11	-51.61	-50.03
2-Aug-07	20:00:00	-44.57	-42.03	-41.49	-51.62	-50.04
3-Aug-07	08:00:00	-44.57	-42.19	-41.69	-51.62	-50.05
3-Aug-07	20:00:00	-44.58	-42.37	-42.12	-51.63	-50.03
4-Aug-07	08:00:00	-44.56	-42.66	-42.44	-51.62	-50.05
4-Aug-07	20:00:00	-44.56	-42.67	-42.92	-51.61	-50.02

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
5-Aug-07	08:00:00	-44.58	-42.72	-43.31	-51.61	-50.02
5-Aug-07	20:00:00	-44.56	-42.48	-43.54	-51.61	-50.04
6-Aug-07	08:00:00	-44.57	-42.49	-43.50	-51.63	-50.02
6-Aug-07	20:00:00	-44.57	-42.52	-43.50	-51.61	-50.04
7-Aug-07	08:00:00	-44.57	-42.54	-43.49	-51.64	-50.03
7-Aug-07	20:00:00	-44.57	-42.59	-43.49	-51.62	-50.05
8-Aug-07	08:00:00	-44.57	-42.62	-43.47	-51.62	-50.04
8-Aug-07	20:00:00	-44.57	-42.65	-43.43	-51.62	-50.04
9-Aug-07	08:00:00	-44.58	-42.69	-43.43	-51.62	-50.04
9-Aug-07	20:00:00	-44.58	-36.53	-43.43	-40.73	-27.84
10-Aug-07	08:00:00	-44.57	-42.77	-43.43	-51.61	-50.04
10-Aug-07	20:00:00	-44.56	-27.96	-43.43	-40.66	-31.72
11-Aug-07	08:00:00	-44.58	-36.98	-43.43	-45.97	-50.02
11-Aug-07	20:00:00	-44.57	-42.81	-43.43	-49.79	-50.04
12-Aug-07	08:00:00	-44.57	-42.84	-43.43	-51.49	-50.03
12-Aug-07	20:00:00	-44.57	-42.86	-43.42	-51.61	-50.04
13-Aug-07	08:00:00	-44.56	-42.83	-43.43	-51.61	-50.04
13-Aug-07	20:00:00	-44.57	-42.81	-43.43	-51.62	-50.05
14-Aug-07	08:00:00	-44.57	-42.74	-43.42	-51.61	-50.03
14-Aug-07	20:00:00	-44.56	-42.72	-43.43	-51.61	-50.04
15-Aug-07	08:00:00	-44.57	-42.69	-43.43	-51.61	-50.04
15-Aug-07	20:00:00	-44.57	-42.66	-43.44	-51.61	-50.04
16-Aug-07	08:00:00	-44.56	-42.63	-43.43	-51.62	-50.04
16-Aug-07	20:00:00	-44.58	-42.62	-43.43	-51.60	-50.04
17-Aug-07	08:00:00	-44.56	-42.60	-43.43	-51.61	-50.04
17-Aug-07	20:00:00	-44.58	-42.54	-43.43	-51.61	-50.04
18-Aug-07	08:00:00	-44.57	-42.55	-43.43	-51.61	-50.05
18-Aug-07	20:00:00	-44.57	-42.57	-43.43	-51.61	-50.03
19-Aug-07	08:00:00	-44.57	-42.62	-43.42	-51.60	-50.03
19-Aug-07	20:00:00	-44.57	-42.63	-43.43	-51.60	-50.04
20-Aug-07	08:00:00	-44.57	-42.63	-43.43	-51.61	-50.04
20-Aug-07	20:00:00	-44.56	-42.62	-43.43	-51.61	-50.04
21-Aug-07	08:00:00	-44.58	-42.60	-43.43	-51.60	-50.03
21-Aug-07	20:00:00	-44.57	-42.61	-43.42	-51.62	-50.03
22-Aug-07	08:00:00	-44.56	-42.62	-43.43	-51.61	-50.04
22-Aug-07	20:00:00	-44.57	-42.60	-43.43	-51.59	-50.03
23-Aug-07	08:00:00	-44.57	-42.61	-43.42	-51.59	-50.05
23-Aug-07	20:00:00	-44.57	-42.63	-43.43	-51.61	-50.05
24-Aug-07	08:00:00	-44.56	-42.64	-43.43	-51.60	-50.05
24-Aug-07	20:00:00	-44.58	-42.64	-43.41	-51.61	-50.04
25-Aug-07	08:00:00	-44.57	-42.64	-43.42	-51.60	-50.04
25-Aug-07	20:00:00	-44.55	-42.62	-43.42	-51.60	-50.04
26-Aug-07	08:00:00	-44.57	-42.61	-43.42	-51.60	-50.03
26-Aug-07	20:00:00	-44.57	-42.62	-43.42	-51.61	-50.05
27-Aug-07	08:00:00	-44.57	-42.64	-43.41	-51.60	-50.05
27-Aug-07	20:00:00	-44.57	-42.64	-43.41	-51.60	-50.03
28-Aug-07	08:00:00	-44.58	-42.63	-43.41	-51.59	-50.04
28-Aug-07	20:00:00	-44.55	-42.43	-43.42	-51.60	-50.03
29-Aug-07	08:00:00	-44.57	-42.54	-43.42	-51.61	-50.05
29-Aug-07	20:00:00	-44.57	-42.53	-43.42	-51.61	-50.05
30-Aug-07	08:00:00	-44.58	-42.42	-43.43	-51.60	-50.04
30-Aug-07	20:00:00	-44.57	-42.46	-43.43	-51.62	-50.03
31-Aug-07	08:00:00	-44.58	-42.49	-43.43	-51.61	-50.05
31-Aug-07	20:00:00	-44.58	-42.55	-43.42	-51.61	-50.04

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
1-Sep-07	08:00:00	-44.56	-42.55	-43.42	-51.61	-50.04
1-Sep-07	20:00:00	-44.57	-42.49	-43.43	-51.61	-50.03
2-Sep-07	08:00:00	-44.56	-42.47	-43.42	-51.61	-50.04
2-Sep-07	20:00:00	-44.56	-42.46	-43.44	-51.60	-50.04
3-Sep-07	08:00:00	-44.57	-42.49	-43.42	-51.61	-50.04
3-Sep-07	20:00:00	-44.56	-42.45	-43.43	-51.62	-50.05
4-Sep-07	08:00:00	-44.57	-42.47	-43.42	-51.62	-50.04
4-Sep-07	20:00:00	-44.56	-42.46	-43.43	-51.60	-50.03
5-Sep-07	08:00:00	-44.58	-42.43	-43.43	-51.60	-50.04
5-Sep-07	20:00:00	-44.58	-42.46	-43.43	-51.62	-50.04
6-Sep-07	08:00:00	-44.57	-42.44	-43.43	-51.62	-50.04
6-Sep-07	20:00:00	-44.56	-42.45	-43.43	-51.61	-50.04
7-Sep-07	08:00:00	-44.57	-42.47	-43.43	-51.61	-50.04
7-Sep-07	20:00:00	-44.56	-42.48	-43.44	-51.60	-50.03
8-Sep-07	08:00:00	-44.58	-42.40	-43.43	-51.59	-50.05
8-Sep-07	20:00:00	-44.57	-42.45	-43.44	-51.60	-50.04
9-Sep-07	08:00:00	-44.57	-42.43	-43.43	-51.61	-50.05
9-Sep-07	20:00:00	-44.56	-42.50	-43.44	-51.61	-50.03
10-Sep-07	08:00:00	-44.58	-42.48	-43.43	-51.59	-50.03
10-Sep-07	20:00:00	-44.57	-42.51	-43.44	-51.60	-50.04
11-Sep-07	08:00:00	-44.57	-42.50	-43.44	-51.61	-50.03
11-Sep-07	20:00:00	-44.57	-42.51	-43.44	-51.61	-50.04
12-Sep-07	08:00:00	-44.56	-42.50	-43.43	-51.61	-50.04
12-Sep-07	20:00:00	-44.58	-42.57	-43.43	-51.61	-50.02
13-Sep-07	08:00:00	-44.57	-42.55	-43.43	-51.61	-50.04
13-Sep-07	20:00:00	-44.57	-42.55	-43.44	-51.60	-50.03
14-Sep-07	08:00:00	-44.58	-42.58	-43.44	-51.61	-50.04
14-Sep-07	20:00:00	-44.57	-42.58	-43.44	-51.62	-50.05
15-Sep-07	08:00:00	-44.56	-28.52	-43.43	-43.35	-50.03
15-Sep-07	20:00:00	-44.58	-38.18	-43.42	-46.21	-50.04
16-Sep-07	08:00:00	-44.59	-42.47	-43.43	-48.63	-50.05
16-Sep-07	20:00:00	-44.57	-42.51	-43.43	-50.61	-50.04
17-Sep-07	08:00:00	-44.59	-42.49	-43.44	-51.61	-50.04
17-Sep-07	20:00:00	-44.58	-42.48	-43.44	-51.61	-50.03
18-Sep-07	08:00:00	-44.58	-42.44	-43.44	-51.61	-50.03
18-Sep-07	20:00:00	-44.58	-42.42	-43.44	-51.60	-50.04
19-Sep-07	08:00:00	-44.58	-42.40	-43.45	-51.61	-50.03
19-Sep-07	20:00:00	-44.57	-42.40	-43.45	-51.61	-50.03
20-Sep-07	08:00:00	-44.58	-42.40	-43.44	-51.61	-50.04
20-Sep-07	20:00:00	-44.57	-42.41	-43.45	-51.61	-50.04
21-Sep-07	08:00:00	-44.57	-42.41	-43.45	-51.61	-50.03
21-Sep-07	20:00:00	-44.58	-42.39	-43.46	-51.61	-50.02
22-Sep-07	08:00:00	-44.57	-42.39	-43.46	-51.61	-50.03
22-Sep-07	20:00:00	-44.58	-42.40	-43.46	-51.60	-50.03
23-Sep-07	08:00:00	-44.58	-42.42	-43.45	-51.61	-50.04
23-Sep-07	20:00:00	-44.58	-42.42	-43.47	-51.61	-50.03
24-Sep-07	08:00:00	-44.58	-42.46	-43.46	-51.61	-50.04
24-Sep-07	20:00:00	-44.79	-41.70	-43.51	-51.40	-49.88
25-Sep-07	08:00:00	-44.80	-41.68	-43.50	-51.39	-49.88
25-Sep-07	20:00:00	-44.80	-41.64	-43.51	-51.39	-49.88
26-Sep-07	08:00:00	-44.79	-41.65	-43.50	-51.40	-49.88
26-Sep-07	20:00:00	-44.80	-41.65	-43.51	-51.39	-49.89
27-Sep-07	08:00:00	-44.79	-41.65	-43.51	-51.39	-49.90
27-Sep-07	20:00:00	-44.80	-41.65	-43.50	-51.40	-49.89

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
28-Sep-07	08:00:00	-44.80	-41.67	-43.51	-51.40	-49.88
28-Sep-07	20:00:00	-44.79	-41.69	-43.51	-51.40	-49.89
29-Sep-07	08:00:00	-44.80	-41.70	-43.50	-51.39	-49.88
29-Sep-07	20:00:00	-44.79	-41.73	-43.51	-51.39	-49.89
30-Sep-07	08:00:00	-44.79	-41.71	-43.50	-51.39	-49.87
30-Sep-07	20:00:00	-44.80	-41.66	-43.51	-51.39	-49.89
1-Oct-07	08:00:00	-44.81	-41.66	-43.51	-51.39	-49.89
1-Oct-07	20:00:00	-44.79	-41.65	-43.51	-51.39	-49.87
2-Oct-07	08:00:00	-44.81	-41.65	-43.51	-51.40	-49.87
2-Oct-07	20:00:00	-44.80	-41.62	-43.52	-51.41	-49.89
3-Oct-07	08:00:00	-44.79	-41.64	-43.53	-51.39	-49.88
3-Oct-07	20:00:00	-44.80	-41.68	-43.52	-51.40	-49.89
4-Oct-07	08:00:00	-44.80	-41.69	-43.51	-51.40	-49.89
4-Oct-07	20:00:00	-44.80	-41.72	-43.52	-51.41	-49.88
5-Oct-07	08:00:00	-44.80	-41.76	-43.52	-51.41	-49.88
5-Oct-07	20:00:00	-44.79	-41.78	-43.52	-51.41	-49.88
6-Oct-07	08:00:00	-44.80	-41.81	-43.52	-51.40	-49.87
6-Oct-07	20:00:00	-44.80	-41.84	-43.52	-51.40	-49.88
7-Oct-07	08:00:00	-44.80	-41.85	-43.52	-51.40	-49.89
7-Oct-07	20:00:00	-44.80	-41.85	-43.51	-51.40	-49.88
8-Oct-07	08:00:00	-44.80	-41.86	-43.50	-51.40	-49.88
8-Oct-07	20:00:00	-44.82	-41.87	-43.51	-51.40	-49.87
9-Oct-07	08:00:00	-44.81	-41.87	-43.51	-51.40	-49.90
9-Oct-07	20:00:00	-44.81	-41.87	-43.52	-51.40	-49.87
10-Oct-07	08:00:00	-44.80	-41.87	-43.52	-51.40	-49.88
10-Oct-07	20:00:00	-44.80	-41.88	-43.52	-51.40	-49.87
11-Oct-07	08:00:00	-44.80	-41.89	-43.51	-51.40	-49.88
11-Oct-07	20:00:00	-44.80	-41.90	-43.52	-51.40	-49.90
12-Oct-07	08:00:00	-44.81	-41.89	-43.51	-51.40	-49.87
12-Oct-07	20:00:00	-44.81	-41.84	-43.51	-51.40	-49.88
13-Oct-07	08:00:00	-44.82	-41.77	-43.52	-51.40	-49.88
13-Oct-07	20:00:00	-44.81	-41.72	-43.51	-51.40	-49.87
14-Oct-07	08:00:00	-44.80	-41.68	-43.52	-51.40	-49.88
14-Oct-07	20:00:00	-44.81	-41.67	-43.52	-51.40	-49.87
15-Oct-07	08:00:00	-44.82	-41.66	-43.51	-51.41	-49.87
15-Oct-07	20:00:00	-44.81	-41.66	-43.53	-51.41	-49.87
16-Oct-07	08:00:00	-44.81	-41.65	-43.53	-51.39	-49.88
16-Oct-07	20:00:00	-44.82	-41.64	-43.53	-51.40	-49.87
17-Oct-07	08:00:00	-44.81	-41.67	-43.53	-51.40	-49.88
17-Oct-07	20:00:00	-44.81	-41.68	-43.54	-51.41	-49.87
18-Oct-07	08:00:00	-44.81	-41.69	-43.53	-51.40	-49.87
18-Oct-07	20:00:00	-44.81	-41.71	-43.55	-51.40	-49.87
19-Oct-07	08:00:00	-44.80	-41.72	-43.54	-51.40	-49.86
19-Oct-07	20:00:00	-44.80	-41.75	-43.54	-51.38	-49.88
20-Oct-07	08:00:00	-44.81	-41.77	-43.55	-51.40	-49.87
20-Oct-07	20:00:00	-44.80	-41.80	-43.54	-51.40	-49.87
21-Oct-07	08:00:00	-44.82	-41.87	-43.53	-51.40	-49.87
21-Oct-07	20:00:00	-44.80	-41.84	-43.54	-51.42	-49.87
22-Oct-07	08:00:00	-44.81	-41.75	-43.54	-51.40	-49.86
22-Oct-07	20:00:00	-44.81	-41.74	-43.53	-51.41	-49.87
23-Oct-07	08:00:00	-44.81	-41.70	-43.54	-51.40	-49.87
23-Oct-07	20:00:00	-44.80	-41.70	-43.54	-51.41	-49.86
24-Oct-07	08:00:00	-44.81	-41.74	-43.55	-51.40	-49.89
24-Oct-07	20:00:00	-39.56	-33.50	-43.52	-45.69	-49.86

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
25-Oct-07	08:00:00	-14.80	-32.82	-43.53	-41.48	-31.81
25-Oct-07	20:00:00	-19.64	-39.59	-43.54	-37.65	-40.52
26-Oct-07	08:00:00	-23.77	-37.74	-43.53	-41.83	-40.10
26-Oct-07	20:00:00	-13.38	-17.71	-38.41	-41.02	-30.14
27-Oct-07	08:00:00	-1.41	10.14	-24.81	-35.94	-23.84
27-Oct-07	20:00:00	-11.13	10.26	-17.52	-31.25	-23.71
28-Oct-07	08:00:00	-15.66	5.65	-14.78	-31.67	-25.39
28-Oct-07	20:00:00	-18.16	0.36	-13.89	-33.03	-26.48
29-Oct-07	08:00:00	-19.95	-3.81	-14.02	-34.01	-27.13
29-Oct-07	20:00:00	-21.26	-6.87	-15.02	-34.91	-27.25
30-Oct-07	08:00:00	-22.18	-9.05	-15.88	-35.50	-27.21
30-Oct-07	20:00:00	-22.88	-10.30	-16.55	-35.90	-27.10
31-Oct-07	08:00:00	-23.42	-11.31	-17.06	-36.35	-27.09
31-Oct-07	20:00:00	-23.90	-12.01	-17.64	-36.71	-27.10
1-Nov-07	08:00:00	-24.22	-12.40	-17.86	-37.07	-27.11
1-Nov-07	20:00:00	-24.75	-13.19	-18.45	-37.43	-27.37
2-Nov-07	08:00:00	-25.30	-13.98	-19.03	-37.85	-27.77
2-Nov-07	20:00:00	-25.89	-14.71	-19.50	-38.26	-28.09
3-Nov-07	08:00:00	-26.21	-15.15	-19.71	-38.66	-28.21
3-Nov-07	20:00:00	-26.76	-16.04	-20.22	-39.09	-28.55
4-Nov-07	08:00:00	-27.24	-16.77	-20.61	-39.63	-29.01
4-Nov-07	20:00:00	-27.70	-17.53	-21.00	-40.20	-29.31
5-Nov-07	08:00:00	-28.15	-18.28	-21.40	-41.26	-29.76
5-Nov-07	20:00:00	-28.51	-18.84	-21.53	-41.83	-29.98
6-Nov-07	08:00:00	-28.63	-19.21	-21.58	-42.27	-29.95
6-Nov-07	20:00:00	-29.32	-20.48	-22.44	-42.82	-30.60
7-Nov-07	08:00:00	-29.82	-21.19	-22.79	-43.37	-31.21
7-Nov-07	20:00:00	-30.14	-21.68	-22.95	-43.83	-31.43
8-Nov-07	08:00:00	-30.39	-22.18	-23.13	-44.34	-31.66
8-Nov-07	20:00:00	-30.52	-22.59	-23.25	-44.77	-31.67
9-Nov-07	08:00:00	-30.63	-23.00	-23.35	-45.16	-31.74
9-Nov-07	20:00:00	-30.67	-23.33	-23.30	-45.48	-31.61
10-Nov-07	08:00:00	-30.83	-23.69	-23.64	-45.84	-31.81
10-Nov-07	20:00:00	-31.44	-24.32	-24.13	-46.25	-32.41
11-Nov-07	08:00:00	-31.79	-24.86	-24.36	-46.68	-32.85
11-Nov-07	20:00:00	-31.94	-25.22	-24.42	-47.02	-32.93
12-Nov-07	08:00:00	-32.06	-25.57	-24.54	-47.44	-33.04
12-Nov-07	20:00:00	-31.99	-25.80	-24.35	-47.69	-32.84
13-Nov-07	08:00:00	-31.91	-26.01	-24.35	-47.90	-32.70
13-Nov-07	20:00:00	-32.11	-26.23	-24.59	-48.05	-32.83
14-Nov-07	08:00:00	-32.11	-26.49	-24.56	-48.23	-32.91
14-Nov-07	20:00:00	-32.26	-26.71	-24.60	-48.36	-33.00
15-Nov-07	08:00:00	-31.99	-26.87	-24.06	-48.41	-32.67
15-Nov-07	20:00:00	-32.20	-27.19	-24.87	-48.62	-33.06
16-Nov-07	08:00:00	-32.35	-27.57	-25.04	-48.84	-33.37
16-Nov-07	20:00:00	-32.48	-27.84	-25.15	-48.96	-33.45
17-Nov-07	08:00:00	-32.72	-28.10	-25.30	-49.12	-33.72
17-Nov-07	20:00:00	-32.71	-28.20	-25.16	-49.24	-33.57
18-Nov-07	08:00:00	-32.90	-28.40	-25.43	-49.44	-33.83
18-Nov-07	20:00:00	-33.11	-28.61	-25.56	-49.63	-34.01
19-Nov-07	08:00:00	-33.18	-28.89	-25.61	-49.85	-34.10
19-Nov-07	20:00:00					
20-Nov-07	08:00:00					
20-Nov-07	20:00:00					

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
21-Nov-07	08:00:00					
21-Nov-07	20:00:00					
22-Nov-07	08:00:00					
22-Nov-07	20:00:00					
23-Nov-07	08:00:00					
23-Nov-07	20:00:00					
24-Nov-07	08:00:00					
24-Nov-07	20:00:00					
25-Nov-07	08:00:00					
25-Nov-07	20:00:00					
26-Nov-07	08:00:00					
26-Nov-07	20:00:00					
27-Nov-07	08:00:00					
27-Nov-07	20:00:00					
28-Nov-07	08:00:00					
28-Nov-07	20:00:00					
29-Nov-07	08:00:00					
29-Nov-07	20:00:00					
30-Nov-07	08:00:00					
30-Nov-07	20:00:00					
1-Dec-07	08:00:00					
1-Dec-07	20:00:00					
2-Dec-07	08:00:00					
2-Dec-07	20:00:00					
3-Dec-07	08:00:00					
3-Dec-07	20:00:00					
4-Dec-07	08:00:00					
4-Dec-07	20:00:00					
5-Dec-07	08:00:00					
5-Dec-07	20:00:00					
6-Dec-07	08:00:00					
6-Dec-07	20:00:00					
7-Dec-07	08:00:00					
7-Dec-07	20:00:00					
8-Dec-07	08:00:00					
8-Dec-07	20:00:00					
9-Dec-07	08:00:00					
9-Dec-07	20:00:00					
10-Dec-07	08:00:00					
10-Dec-07	20:00:00					
11-Dec-07	08:00:00					
11-Dec-07	20:00:00					
12-Dec-07	08:00:00					
12-Dec-07	20:00:00					
13-Dec-07	08:00:00					
13-Dec-07	20:00:00					
14-Dec-07	08:00:00					
14-Dec-07	20:00:00					
15-Dec-07	08:00:00					
15-Dec-07	20:00:00					
16-Dec-07	08:00:00					
16-Dec-07	20:00:00					
17-Dec-07	08:00:00					
17-Dec-07	20:00:00					

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBK AW1	WBK AW2	WBK AW3	WBK AW4	WBK AW5
18-Dec-07	08:00:00					
18-Dec-07	20:00:00					
19-Dec-07	08:00:00					
19-Dec-07	20:00:00					
20-Dec-07	08:00:00					
20-Dec-07	20:00:00					
21-Dec-07	08:00:00					
21-Dec-07	20:00:00					
22-Dec-07	08:00:00					
22-Dec-07	20:00:00					
23-Dec-07	08:00:00					
23-Dec-07	20:00:00					
24-Dec-07	08:00:00					
24-Dec-07	20:00:00					
25-Dec-07	08:00:00					
25-Dec-07	20:00:00					
26-Dec-07	08:00:00					
26-Dec-07	20:00:00					
27-Dec-07	08:00:00					
27-Dec-07	20:00:00					
28-Dec-07	08:00:00					
28-Dec-07	20:00:00					
29-Dec-07	08:00:00					
29-Dec-07	20:00:00					
30-Dec-07	08:00:00					
30-Dec-07	20:00:00					
31-Dec-07	08:00:00					
31-Dec-07	20:00:00					

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
1-Jan-07	08:00:00			
1-Jan-07	20:00:00			
2-Jan-07	08:00:00			
2-Jan-07	20:00:00			
3-Jan-07	08:00:00			
3-Jan-07	20:00:00			
4-Jan-07	08:00:00			
4-Jan-07	20:00:00			
5-Jan-07	08:00:00			
5-Jan-07	20:00:00			
6-Jan-07	08:00:00			
6-Jan-07	20:00:00			
7-Jan-07	08:00:00			
7-Jan-07	20:00:00			
8-Jan-07	08:00:00			
8-Jan-07	20:00:00			
9-Jan-07	08:00:00			
9-Jan-07	20:00:00			
10-Jan-07	08:00:00			
10-Jan-07	20:00:00			
11-Jan-07	08:00:00			
11-Jan-07	20:00:00			
12-Jan-07	08:00:00			
12-Jan-07	20:00:00			
13-Jan-07	08:00:00			
13-Jan-07	20:00:00			
14-Jan-07	08:00:00			
14-Jan-07	20:00:00			
15-Jan-07	08:00:00			
15-Jan-07	20:00:00			
16-Jan-07	08:00:00			
16-Jan-07	20:00:00			
17-Jan-07	08:00:00			
17-Jan-07	20:00:00			
18-Jan-07	08:00:00			
18-Jan-07	20:00:00			
19-Jan-07	08:00:00			
19-Jan-07	20:00:00			
20-Jan-07	08:00:00			
20-Jan-07	20:00:00			
21-Jan-07	08:00:00			
21-Jan-07	20:00:00			
22-Jan-07	08:00:00			
22-Jan-07	20:00:00			
23-Jan-07	08:00:00			
23-Jan-07	20:00:00			
24-Jan-07	08:00:00			
24-Jan-07	20:00:00			
25-Jan-07	08:00:00			
25-Jan-07	20:00:00			
26-Jan-07	08:00:00			
26-Jan-07	20:00:00			
27-Jan-07	08:00:00			
27-Jan-07	20:00:00			

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
28-Jan-07	08:00:00			
28-Jan-07	20:00:00			
29-Jan-07	08:00:00			
29-Jan-07	20:00:00			
30-Jan-07	08:00:00			
30-Jan-07	20:00:00			
31-Jan-07	08:00:00			
31-Jan-07	20:00:00			
1-Feb-07	08:00:00			
1-Feb-07	20:00:00			
2-Feb-07	08:00:00			
2-Feb-07	20:00:00			
3-Feb-07	08:00:00			
3-Feb-07	20:00:00			
4-Feb-07	08:00:00			
4-Feb-07	20:00:00			
5-Feb-07	08:00:00			
5-Feb-07	20:00:00			
6-Feb-07	08:00:00			
6-Feb-07	20:00:00			
7-Feb-07	08:00:00			
7-Feb-07	20:00:00			
8-Feb-07	08:00:00			
8-Feb-07	20:00:00			
9-Feb-07	08:00:00			
9-Feb-07	20:00:00			
10-Feb-07	08:00:00			
10-Feb-07	20:00:00			
11-Feb-07	08:00:00			
11-Feb-07	20:00:00			
12-Feb-07	08:00:00			
12-Feb-07	20:00:00			
13-Feb-07	08:00:00			
13-Feb-07	20:00:00			
14-Feb-07	08:00:00			
14-Feb-07	20:00:00			
15-Feb-07	08:00:00			
15-Feb-07	20:00:00			
16-Feb-07	08:00:00			
16-Feb-07	20:00:00			
17-Feb-07	08:00:00			
17-Feb-07	20:00:00			
18-Feb-07	08:00:00			
18-Feb-07	20:00:00			
19-Feb-07	08:00:00			
19-Feb-07	20:00:00			
20-Feb-07	08:00:00			
20-Feb-07	20:00:00			
21-Feb-07	08:00:00			
21-Feb-07	20:00:00			
22-Feb-07	08:00:00			
22-Feb-07	20:00:00			
23-Feb-07	08:00:00			
23-Feb-07	20:00:00			

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
24-Feb-07	08:00:00			
24-Feb-07	20:00:00			
25-Feb-07	08:00:00			
25-Feb-07	20:00:00			
26-Feb-07	08:00:00		-0.50	-2.00
26-Feb-07	20:00:00			
27-Feb-07	08:00:00			
27-Feb-07	20:00:00			
28-Feb-07	08:00:00	-6.70		
28-Feb-07	20:00:00	-7.92		
1-Mar-07	08:00:00	-7.95		
1-Mar-07	20:00:00	-8.52		
2-Mar-07	08:00:00	-8.08		
2-Mar-07	20:00:00	-1.53		
3-Mar-07	08:00:00	-1.07		
3-Mar-07	20:00:00	-2.20		
4-Mar-07	08:00:00	-2.85		
4-Mar-07	20:00:00	-4.90		
5-Mar-07	08:00:00	-5.77		
5-Mar-07	20:00:00	-7.07		
6-Mar-07	08:00:00	-6.97		
6-Mar-07	20:00:00	-9.49		
7-Mar-07	08:00:00	-9.90		
7-Mar-07	20:00:00	-10.19		
8-Mar-07	08:00:00	-10.08		
8-Mar-07	20:00:00	-12.24		
9-Mar-07	08:00:00	-12.28		
9-Mar-07	20:00:00	-13.42		
10-Mar-07	08:00:00	-13.00		
10-Mar-07	20:00:00	-13.65		
11-Mar-07	08:00:00	-13.28		
11-Mar-07	20:00:00	-14.09		
12-Mar-07	08:00:00	-14.16		
12-Mar-07	20:00:00	-15.18		
13-Mar-07	08:00:00	-14.50		
13-Mar-07	20:00:00	-15.32		
14-Mar-07	08:00:00	-14.85		
14-Mar-07	20:00:00	-15.47		
15-Mar-07	08:00:00	-15.08		
15-Mar-07	20:00:00	-15.72		
16-Mar-07	08:00:00	-15.41		
16-Mar-07	20:00:00	-13.91		
17-Mar-07	08:00:00	-3.08		
17-Mar-07	20:00:00	-2.77		
18-Mar-07	08:00:00	-3.59		
18-Mar-07	20:00:00	-4.62		
19-Mar-07	08:00:00	-5.21		
19-Mar-07	20:00:00	-6.70		
20-Mar-07	08:00:00	-6.40		
20-Mar-07	20:00:00	-7.68		
21-Mar-07	08:00:00	-8.24		
21-Mar-07	20:00:00	-9.87		
22-Mar-07	08:00:00	-9.97		
22-Mar-07	20:00:00	-10.40		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
23-Mar-07	08:00:00	-10.07		
23-Mar-07	20:00:00	-11.30		
24-Mar-07	08:00:00	-11.10		
24-Mar-07	20:00:00	-12.29		
25-Mar-07	08:00:00	-12.00		
25-Mar-07	20:00:00	-13.36		
26-Mar-07	08:00:00	-13.80		
26-Mar-07	20:00:00	-14.43		
27-Mar-07	08:00:00	-13.73		
27-Mar-07	20:00:00	-14.38		
28-Mar-07	08:00:00	-14.45		
28-Mar-07	20:00:00	-15.08		
29-Mar-07	08:00:00	-15.63	-3.00	-1.00
29-Mar-07	20:00:00	-16.03		
30-Mar-07	08:00:00	-15.14		
30-Mar-07	20:00:00	-14.58		
31-Mar-07	08:00:00	-15.52		
31-Mar-07	20:00:00	-15.42		
1-Apr-07	08:00:00	-16.35		
1-Apr-07	20:00:00	-15.99		
2-Apr-07	08:00:00	-15.55		
2-Apr-07	20:00:00	-15.74		
3-Apr-07	08:00:00	-16.98		
3-Apr-07	20:00:00	-16.58		
4-Apr-07	08:00:00	-16.38		
4-Apr-07	20:00:00	-16.90		
5-Apr-07	08:00:00	-18.70		
5-Apr-07	20:00:00	-18.62		
6-Apr-07	08:00:00	-19.44		
6-Apr-07	20:00:00	-18.50		
7-Apr-07	08:00:00	-19.88		
7-Apr-07	20:00:00	-20.29		
8-Apr-07	08:00:00	-20.99		
8-Apr-07	20:00:00	-20.17		
9-Apr-07	08:00:00	-21.07		
9-Apr-07	20:00:00	-20.57		
10-Apr-07	08:00:00	-21.47		
10-Apr-07	20:00:00	-20.83		
11-Apr-07	08:00:00	-20.95		
11-Apr-07	20:00:00	-20.51		
12-Apr-07	08:00:00	-7.50		
12-Apr-07	20:00:00	-7.93		
13-Apr-07	08:00:00	-10.26		
13-Apr-07	20:00:00	-6.07		
14-Apr-07	08:00:00	-11.14		
14-Apr-07	20:00:00	-10.33		
15-Apr-07	08:00:00	-5.84		
15-Apr-07	20:00:00	0.22		
16-Apr-07	08:00:00	1.68		
16-Apr-07	20:00:00	0.17		
17-Apr-07	08:00:00	-1.44		
17-Apr-07	20:00:00	-2.19		
18-Apr-07	08:00:00	-3.87		
18-Apr-07	20:00:00	-4.60		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
19-Apr-07	08:00:00	-6.07		
19-Apr-07	20:00:00	-6.80		
20-Apr-07	08:00:00	-8.28		
20-Apr-07	20:00:00	-8.91		
21-Apr-07	08:00:00	-10.43		
21-Apr-07	20:00:00	-10.57		
22-Apr-07	08:00:00	-11.80		
22-Apr-07	20:00:00	-11.99		
23-Apr-07	08:00:00	-13.20		
23-Apr-07	20:00:00	-12.82		
24-Apr-07	08:00:00	-13.77	-4.00	-3.00
24-Apr-07	20:00:00	-13.94		
25-Apr-07	08:00:00	-14.70		
25-Apr-07	20:00:00	-14.83		
26-Apr-07	08:00:00	-15.95		
26-Apr-07	20:00:00	-15.92		
27-Apr-07	08:00:00	-16.51		
27-Apr-07	20:00:00	-16.69		
28-Apr-07	08:00:00	-17.86		
28-Apr-07	20:00:00	-18.14		
29-Apr-07	08:00:00	-19.04		
29-Apr-07	20:00:00	-19.22		
30-Apr-07	08:00:00	-20.03		
30-Apr-07	20:00:00	-19.87		
1-May-07	08:00:00	-20.75		
1-May-07	20:00:00	-20.58		
2-May-07	08:00:00	-21.23		
2-May-07	20:00:00	-21.43		
3-May-07	08:00:00	-22.37		
3-May-07	20:00:00	-22.77		
4-May-07	08:00:00	-23.05		
4-May-07	20:00:00	-22.86		
5-May-07	08:00:00	-23.12		
5-May-07	20:00:00	-23.24		
6-May-07	08:00:00	-16.46		
6-May-07	20:00:00	-19.32		
7-May-07	08:00:00	-21.02		
7-May-07	20:00:00	-21.73		
8-May-07	08:00:00	-22.34		
8-May-07	20:00:00	-22.56		
9-May-07	08:00:00	-22.83		
9-May-07	20:00:00	-22.99		
10-May-07	08:00:00	-23.42		
10-May-07	20:00:00	-23.34		
11-May-07	08:00:00	-23.99		
11-May-07	20:00:00	-24.12		
12-May-07	08:00:00	-24.65		
12-May-07	20:00:00	-24.89		
13-May-07	08:00:00	-25.19		
13-May-07	20:00:00	-25.73		
14-May-07	08:00:00	-26.29		
14-May-07	20:00:00	-26.16		
15-May-07	08:00:00	-26.57		
15-May-07	20:00:00	-26.30		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
16-May-07	08:00:00	-26.75		
16-May-07	20:00:00	-26.91		
17-May-07	08:00:00	-20.07		
17-May-07	20:00:00	-21.40		
18-May-07	08:00:00	-23.49		
18-May-07	20:00:00	-24.49		
19-May-07	08:00:00	-25.09		
19-May-07	20:00:00	-25.29		
20-May-07	08:00:00	-25.93		
20-May-07	20:00:00	-26.08		
21-May-07	08:00:00	-26.84		
21-May-07	20:00:00	-27.06		
22-May-07	08:00:00	-27.54		
22-May-07	20:00:00	-27.71		
23-May-07	08:00:00	-28.14	-20.00	-21.00
23-May-07	20:00:00	-30.64		
24-May-07	08:00:00	-31.32		
24-May-07	20:00:00	-31.25		
25-May-07	08:00:00	-31.88		
25-May-07	20:00:00	-31.91		
26-May-07	08:00:00	-32.54		
26-May-07	20:00:00	-33.27		
27-May-07	08:00:00	-34.26		
27-May-07	20:00:00	-35.17		
28-May-07	08:00:00	-36.12		
28-May-07	20:00:00	-36.94		
29-May-07	08:00:00	-37.80		
29-May-07	20:00:00	-38.57		
30-May-07	08:00:00	-39.41		
30-May-07	20:00:00	-40.14		
31-May-07	08:00:00	-40.90		
31-May-07	20:00:00	-41.63		
1-Jun-07	08:00:00	-42.34		
1-Jun-07	20:00:00	-43.00		
2-Jun-07	08:00:00	-43.69		
2-Jun-07	20:00:00	-44.27		
3-Jun-07	08:00:00	-37.75		
3-Jun-07	20:00:00	-39.42		
4-Jun-07	08:00:00	-38.81		
4-Jun-07	20:00:00	-38.38		
5-Jun-07	08:00:00	-38.45		
5-Jun-07	20:00:00	-38.48		
6-Jun-07	08:00:00	-39.35		
6-Jun-07	20:00:00	-40.60		
7-Jun-07	08:00:00	-41.92		
7-Jun-07	20:00:00	-43.00		
8-Jun-07	08:00:00	-43.95		
8-Jun-07	20:00:00	-44.64		
9-Jun-07	08:00:00	-45.33		
9-Jun-07	20:00:00	-46.03		
10-Jun-07	08:00:00	-46.80		
10-Jun-07	20:00:00	-47.49		
11-Jun-07	08:00:00	-48.12		
11-Jun-07	20:00:00	-48.33		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
12-Jun-07	08:00:00	-48.34		
12-Jun-07	20:00:00	-48.35		
13-Jun-07	08:00:00	-48.35		
13-Jun-07	20:00:00	-48.35		
14-Jun-07	08:00:00	-48.34		
14-Jun-07	20:00:00	-48.35		
15-Jun-07	08:00:00	-48.34		
15-Jun-07	20:00:00	-48.35		
16-Jun-07	08:00:00	-48.34		
16-Jun-07	20:00:00	-48.34		
17-Jun-07	08:00:00	-48.35		
17-Jun-07	20:00:00	-48.35		
18-Jun-07	08:00:00	-48.35		
18-Jun-07	20:00:00	-48.34		
19-Jun-07	08:00:00	-48.35		
19-Jun-07	20:00:00	-48.35		
20-Jun-07	08:00:00	-48.35		
20-Jun-07	20:00:00	-48.35		
21-Jun-07	08:00:00	-48.35		
21-Jun-07	20:00:00	-48.34		
22-Jun-07	08:00:00	-48.35		
22-Jun-07	20:00:00	-48.35		
23-Jun-07	08:00:00	-48.35		
23-Jun-07	20:00:00	-48.35		
24-Jun-07	08:00:00	-48.35		
24-Jun-07	20:00:00	-48.35		
25-Jun-07	08:00:00	-48.35	-41.00	-41.00
25-Jun-07	20:00:00	-48.35		
26-Jun-07	08:00:00	-48.35		
26-Jun-07	20:00:00	-48.35		
27-Jun-07	08:00:00	-48.35		
27-Jun-07	20:00:00	-48.36		
28-Jun-07	08:00:00	-48.35		
28-Jun-07	20:00:00	-48.36		
29-Jun-07	08:00:00	-48.36		
29-Jun-07	20:00:00	-48.35		
30-Jun-07	08:00:00	-48.35		
30-Jun-07	20:00:00	-48.34		
1-Jul-07	08:00:00	-27.25		
1-Jul-07	20:00:00	-30.43		
2-Jul-07	08:00:00	-37.09		
2-Jul-07	20:00:00	-43.27		
3-Jul-07	08:00:00	-45.47		
3-Jul-07	20:00:00	-47.02		
4-Jul-07	08:00:00	-48.36		
4-Jul-07	20:00:00	-48.35		
5-Jul-07	08:00:00	-48.36		
5-Jul-07	20:00:00	-48.35		
6-Jul-07	08:00:00	-48.35		
6-Jul-07	20:00:00	-48.35		
7-Jul-07	08:00:00	-48.35		
7-Jul-07	20:00:00	-48.35		
8-Jul-07	08:00:00	-48.35		
8-Jul-07	20:00:00	-48.35		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
9-Jul-07	08:00:00	-48.35		
9-Jul-07	20:00:00	-48.36		
10-Jul-07	08:00:00	-48.36		
10-Jul-07	20:00:00	-28.47		
11-Jul-07	08:00:00	-42.46		
11-Jul-07	20:00:00	-45.90		
12-Jul-07	08:00:00	-43.49		
12-Jul-07	20:00:00	-46.98		
13-Jul-07	08:00:00	-48.58		
13-Jul-07	20:00:00	-48.36		
14-Jul-07	08:00:00	-48.36		
14-Jul-07	20:00:00	-48.36		
15-Jul-07	08:00:00	-48.35		
15-Jul-07	20:00:00	-48.36		
16-Jul-07	08:00:00	-48.35		
16-Jul-07	20:00:00	-48.36		
17-Jul-07	08:00:00	-48.36		
17-Jul-07	20:00:00	-48.35		
18-Jul-07	08:00:00	-19.95		
18-Jul-07	20:00:00	-19.16		
19-Jul-07	08:00:00	-21.21		
19-Jul-07	20:00:00	-35.18		
20-Jul-07	08:00:00	-39.46		
20-Jul-07	20:00:00	-39.75		
21-Jul-07	08:00:00	-44.46		
21-Jul-07	20:00:00	-47.10		
22-Jul-07	08:00:00	-48.37		
22-Jul-07	20:00:00	-48.36		
23-Jul-07	08:00:00	-48.37		
23-Jul-07	20:00:00	-48.35		
24-Jul-07	08:00:00	-48.37		
24-Jul-07	20:00:00	-48.37		
25-Jul-07	08:00:00	-48.37		
25-Jul-07	20:00:00	-48.35		
26-Jul-07	08:00:00	-48.37	-44.00	-42.00
26-Jul-07	20:00:00	-48.35		
27-Jul-07	08:00:00	-48.36		
27-Jul-07	20:00:00	-48.35		
28-Jul-07	08:00:00	-48.36		
28-Jul-07	20:00:00	-48.37		
29-Jul-07	08:00:00	-48.36		
29-Jul-07	20:00:00	-48.36		
30-Jul-07	08:00:00	-48.36		
30-Jul-07	20:00:00	-48.35		
31-Jul-07	08:00:00	-48.36		
31-Jul-07	20:00:00	-48.36		
1-Aug-07	08:00:00	-48.37		
1-Aug-07	20:00:00	-48.36		
2-Aug-07	08:00:00	-48.36		
2-Aug-07	20:00:00	-48.36		
3-Aug-07	08:00:00	-48.35		
3-Aug-07	20:00:00	-48.37		
4-Aug-07	08:00:00	-48.36		
4-Aug-07	20:00:00	-48.36		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
5-Aug-07	08:00:00	-48.35		
5-Aug-07	20:00:00	-48.36		
6-Aug-07	08:00:00	-48.36		
6-Aug-07	20:00:00	-48.36		
7-Aug-07	08:00:00	-48.37		
7-Aug-07	20:00:00	-48.36		
8-Aug-07	08:00:00	-48.37		
8-Aug-07	20:00:00	-48.36		
9-Aug-07	08:00:00	-48.36		
9-Aug-07	20:00:00	-27.58		
10-Aug-07	08:00:00	-45.15		
10-Aug-07	20:00:00	-13.88		
11-Aug-07	08:00:00	-42.15		
11-Aug-07	20:00:00	-45.39		
12-Aug-07	08:00:00	-47.66		
12-Aug-07	20:00:00	-48.37		
13-Aug-07	08:00:00	-48.37		
13-Aug-07	20:00:00	-48.37		
14-Aug-07	08:00:00	-48.36		
14-Aug-07	20:00:00	-48.37		
15-Aug-07	08:00:00	-48.37		
15-Aug-07	20:00:00	-48.36		
16-Aug-07	08:00:00	-48.37		
16-Aug-07	20:00:00	-48.37		
17-Aug-07	08:00:00	-48.38		
17-Aug-07	20:00:00	-48.37		
18-Aug-07	08:00:00	-48.37		
18-Aug-07	20:00:00	-48.37		
19-Aug-07	08:00:00	-48.37		
19-Aug-07	20:00:00	-48.37		
20-Aug-07	08:00:00	-48.38		
20-Aug-07	20:00:00	-48.36		
21-Aug-07	08:00:00	-48.37		
21-Aug-07	20:00:00	-48.37		
22-Aug-07	08:00:00	-48.36		
22-Aug-07	20:00:00	-48.36		
23-Aug-07	08:00:00	-48.36		
23-Aug-07	20:00:00	-48.36		
24-Aug-07	08:00:00	-48.37		
24-Aug-07	20:00:00	-48.37		
25-Aug-07	08:00:00	-48.36		
25-Aug-07	20:00:00	-48.37		
26-Aug-07	08:00:00	-48.37		
26-Aug-07	20:00:00	-48.37		
27-Aug-07	08:00:00	-48.37		
27-Aug-07	20:00:00	-48.36		
28-Aug-07	08:00:00	-48.36	-42.00	-42.00
28-Aug-07	20:00:00	-48.37		
29-Aug-07	08:00:00	-48.36		
29-Aug-07	20:00:00	-48.37		
30-Aug-07	08:00:00	-48.37		
30-Aug-07	20:00:00	-48.37		
31-Aug-07	08:00:00	-48.37		
31-Aug-07	20:00:00	-48.37		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
1-Sep-07	08:00:00	-48.38		
1-Sep-07	20:00:00	-48.38		
2-Sep-07	08:00:00	-48.37		
2-Sep-07	20:00:00	-48.37		
3-Sep-07	08:00:00	-48.37		
3-Sep-07	20:00:00	-48.37		
4-Sep-07	08:00:00	-48.37		
4-Sep-07	20:00:00	-48.37		
5-Sep-07	08:00:00	-48.37		
5-Sep-07	20:00:00	-48.37		
6-Sep-07	08:00:00	-48.36		
6-Sep-07	20:00:00	-48.36		
7-Sep-07	08:00:00	-48.37		
7-Sep-07	20:00:00	-48.36		
8-Sep-07	08:00:00	-48.37		
8-Sep-07	20:00:00	-48.38		
9-Sep-07	08:00:00	-48.37		
9-Sep-07	20:00:00	-48.37		
10-Sep-07	08:00:00	-48.36		
10-Sep-07	20:00:00	-48.37		
11-Sep-07	08:00:00	-48.36		
11-Sep-07	20:00:00	-48.37		
12-Sep-07	08:00:00	-48.37		
12-Sep-07	20:00:00	-48.36		
13-Sep-07	08:00:00	-48.37		
13-Sep-07	20:00:00	-48.36		
14-Sep-07	08:00:00	-48.37		
14-Sep-07	20:00:00	-48.36		
15-Sep-07	08:00:00	-8.25		
15-Sep-07	20:00:00	-21.51		
16-Sep-07	08:00:00	-39.93		
16-Sep-07	20:00:00	-43.12		
17-Sep-07	08:00:00	-44.34		
17-Sep-07	20:00:00	-45.57		
18-Sep-07	08:00:00	-47.06		
18-Sep-07	20:00:00	-48.13		
19-Sep-07	08:00:00	-48.39		
19-Sep-07	20:00:00	-48.36		
20-Sep-07	08:00:00	-48.37		
20-Sep-07	20:00:00	-48.38		
21-Sep-07	08:00:00	-45.49		
21-Sep-07	20:00:00	-46.18		
22-Sep-07	08:00:00	-48.07		
22-Sep-07	20:00:00	-48.37		
23-Sep-07	08:00:00	-48.36		
23-Sep-07	20:00:00	-48.37		
24-Sep-07	08:00:00	-48.38	-42.00	-42.00
24-Sep-07	20:00:00	-48.37		
25-Sep-07	08:00:00	-48.36		
25-Sep-07	20:00:00	-48.36		
26-Sep-07	08:00:00	-48.37		
26-Sep-07	20:00:00	-48.36		
27-Sep-07	08:00:00	-48.36		
27-Sep-07	20:00:00	-48.36		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
28-Sep-07	08:00:00	-48.37		
28-Sep-07	20:00:00	-48.36		
29-Sep-07	08:00:00	-48.37		
29-Sep-07	20:00:00	-48.37		
30-Sep-07	08:00:00	-48.36		
30-Sep-07	20:00:00	-48.37		
1-Oct-07	08:00:00	-48.36		
1-Oct-07	20:00:00	-48.38		
2-Oct-07	08:00:00	-48.36		
2-Oct-07	20:00:00	-48.37		
3-Oct-07	08:00:00	-48.36		
3-Oct-07	20:00:00	-48.36		
4-Oct-07	08:00:00	-48.36		
4-Oct-07	20:00:00	-48.37		
5-Oct-07	08:00:00	-48.37		
5-Oct-07	20:00:00	-48.37		
6-Oct-07	08:00:00	-48.37		
6-Oct-07	20:00:00	-48.36		
7-Oct-07	08:00:00	-48.36		
7-Oct-07	20:00:00	-48.36		
8-Oct-07	08:00:00	-48.38		
8-Oct-07	20:00:00	-48.37		
9-Oct-07	08:00:00	-48.36		
9-Oct-07	20:00:00	-48.36		
10-Oct-07	08:00:00	-48.36		
10-Oct-07	20:00:00	-48.37		
11-Oct-07	08:00:00	-48.36		
11-Oct-07	20:00:00	-48.37		
12-Oct-07	08:00:00	-48.37		
12-Oct-07	20:00:00	-48.36		
13-Oct-07	08:00:00	-48.37		
13-Oct-07	20:00:00	-48.36		
14-Oct-07	08:00:00	-48.36		
14-Oct-07	20:00:00	-48.36		
15-Oct-07	08:00:00	-48.36		
15-Oct-07	20:00:00	-48.36		
16-Oct-07	08:00:00	-48.36		
16-Oct-07	20:00:00	-48.36		
17-Oct-07	08:00:00	-48.35		
17-Oct-07	20:00:00	-48.35		
18-Oct-07	08:00:00	-48.36		
18-Oct-07	20:00:00	-48.36		
19-Oct-07	08:00:00	-48.36		
19-Oct-07	20:00:00	-48.36		
20-Oct-07	08:00:00	-48.35		
20-Oct-07	20:00:00	-48.36		
21-Oct-07	08:00:00	-48.37		
21-Oct-07	20:00:00	-48.35		
22-Oct-07	08:00:00	-48.36		
22-Oct-07	20:00:00	-48.36		
23-Oct-07	08:00:00	-48.36		
23-Oct-07	20:00:00	-48.35		
24-Oct-07	08:00:00	-48.36	-42	-42
24-Oct-07	20:00:00	-16.83		

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
25-Oct-07	08:00:00	-19.53		
25-Oct-07	20:00:00	-20.40		
26-Oct-07	08:00:00	-22.12		
26-Oct-07	20:00:00	-20.48		
27-Oct-07	08:00:00	-18.73		
27-Oct-07	20:00:00	-17.29		
28-Oct-07	08:00:00	-18.58		
28-Oct-07	20:00:00	-26.03		
29-Oct-07	08:00:00	-33.64		
29-Oct-07	20:00:00	-37.15		
30-Oct-07	08:00:00	-38.85		
30-Oct-07	20:00:00	-39.42		
31-Oct-07	08:00:00	-40.30		
31-Oct-07	20:00:00	-40.54		
1-Nov-07	08:00:00	-40.57		
1-Nov-07	20:00:00	-40.82		
2-Nov-07	08:00:00	-41.36		
2-Nov-07	20:00:00	-41.41		
3-Nov-07	08:00:00	-41.43		
3-Nov-07	20:00:00	-41.62		
4-Nov-07	08:00:00	-41.95		
4-Nov-07	20:00:00	-42.03		
5-Nov-07	08:00:00	-42.32		
5-Nov-07	20:00:00	-42.04		
6-Nov-07	08:00:00	-41.83		
6-Nov-07	20:00:00	-42.53		
7-Nov-07	08:00:00	-42.76		
7-Nov-07	20:00:00	-42.66		
8-Nov-07	08:00:00	-42.76		
8-Nov-07	20:00:00	-42.62		
9-Nov-07	08:00:00	-42.66		
9-Nov-07	20:00:00	-42.38		
10-Nov-07	08:00:00	-42.65		
10-Nov-07	20:00:00	-43.19		
11-Nov-07	08:00:00	-43.43		
11-Nov-07	20:00:00	-43.23		
12-Nov-07	08:00:00	-43.33		
12-Nov-07	20:00:00	-42.98		
13-Nov-07	08:00:00	-42.86		
13-Nov-07	20:00:00	-42.78		
14-Nov-07	08:00:00	-42.73		
14-Nov-07	20:00:00	-42.56		
15-Nov-07	08:00:00	-42.17		
15-Nov-07	20:00:00	-42.88		
16-Nov-07	08:00:00	-43.21		
16-Nov-07	20:00:00	-43.23		
17-Nov-07	08:00:00	-43.46		
17-Nov-07	20:00:00	-43.14		
18-Nov-07	08:00:00	-43.43		
18-Nov-07	20:00:00	-43.50		
19-Nov-07	08:00:00	-43.57	-36.5	-36
19-Nov-07	20:00:00			
20-Nov-07	08:00:00			
20-Nov-07	20:00:00			

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
21-Nov-07	08:00:00			
21-Nov-07	20:00:00			
22-Nov-07	08:00:00			
22-Nov-07	20:00:00			
23-Nov-07	08:00:00			
23-Nov-07	20:00:00			
24-Nov-07	08:00:00			
24-Nov-07	20:00:00			
25-Nov-07	08:00:00			
25-Nov-07	20:00:00			
26-Nov-07	08:00:00			
26-Nov-07	20:00:00			
27-Nov-07	08:00:00			
27-Nov-07	20:00:00			
28-Nov-07	08:00:00			
28-Nov-07	20:00:00			
29-Nov-07	08:00:00			
29-Nov-07	20:00:00			
30-Nov-07	08:00:00			
30-Nov-07	20:00:00			
1-Dec-07	08:00:00			
1-Dec-07	20:00:00			
2-Dec-07	08:00:00			
2-Dec-07	20:00:00			
3-Dec-07	08:00:00			
3-Dec-07	20:00:00			
4-Dec-07	08:00:00			
4-Dec-07	20:00:00			
5-Dec-07	08:00:00			
5-Dec-07	20:00:00			
6-Dec-07	08:00:00			
6-Dec-07	20:00:00			
7-Dec-07	08:00:00			
7-Dec-07	20:00:00			
8-Dec-07	08:00:00			
8-Dec-07	20:00:00			
9-Dec-07	08:00:00			
9-Dec-07	20:00:00			
10-Dec-07	08:00:00			
10-Dec-07	20:00:00			
11-Dec-07	08:00:00			
11-Dec-07	20:00:00			
12-Dec-07	08:00:00			
12-Dec-07	20:00:00			
13-Dec-07	08:00:00			
13-Dec-07	20:00:00			
14-Dec-07	08:00:00			
14-Dec-07	20:00:00			
15-Dec-07	08:00:00			
15-Dec-07	20:00:00			
16-Dec-07	08:00:00			
16-Dec-07	20:00:00			
17-Dec-07	08:00:00			
17-Dec-07	20:00:00			

Date	Time			
dd-mmm-yyyy	hh:mm:ss	WBK AW6	WBK MW1	WBK MW2
18-Dec-07	08:00:00			
18-Dec-07	20:00:00			
19-Dec-07	08:00:00			
19-Dec-07	20:00:00			
20-Dec-07	08:00:00			
20-Dec-07	20:00:00			
21-Dec-07	08:00:00			
21-Dec-07	20:00:00			
22-Dec-07	08:00:00			
22-Dec-07	20:00:00			
23-Dec-07	08:00:00			
23-Dec-07	20:00:00			
24-Dec-07	08:00:00			
24-Dec-07	20:00:00			
25-Dec-07	08:00:00			
25-Dec-07	20:00:00			
26-Dec-07	08:00:00			
26-Dec-07	20:00:00			
27-Dec-07	08:00:00			
27-Dec-07	20:00:00			
28-Dec-07	08:00:00			
28-Dec-07	20:00:00			
29-Dec-07	08:00:00			
29-Dec-07	20:00:00			
30-Dec-07	08:00:00			
30-Dec-07	20:00:00			
31-Dec-07	08:00:00			
31-Dec-07	20:00:00			

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
1-Jan-07	08:00:00					
1-Jan-07	20:00:00					
2-Jan-07	08:00:00					
2-Jan-07	20:00:00					
3-Jan-07	08:00:00					
3-Jan-07	20:00:00					
4-Jan-07	08:00:00					
4-Jan-07	20:00:00					
5-Jan-07	08:00:00					
5-Jan-07	20:00:00					
6-Jan-07	08:00:00					
6-Jan-07	20:00:00					
7-Jan-07	08:00:00					
7-Jan-07	20:00:00					
8-Jan-07	08:00:00					
8-Jan-07	20:00:00					
9-Jan-07	08:00:00					
9-Jan-07	20:00:00					
10-Jan-07	08:00:00					
10-Jan-07	20:00:00					
11-Jan-07	08:00:00					
11-Jan-07	20:00:00					
12-Jan-07	08:00:00					
12-Jan-07	20:00:00					
13-Jan-07	08:00:00					
13-Jan-07	20:00:00					
14-Jan-07	08:00:00					
14-Jan-07	20:00:00					
15-Jan-07	08:00:00					
15-Jan-07	20:00:00					
16-Jan-07	08:00:00					
16-Jan-07	20:00:00					
17-Jan-07	08:00:00					
17-Jan-07	20:00:00					
18-Jan-07	08:00:00					
18-Jan-07	20:00:00					
19-Jan-07	08:00:00					
19-Jan-07	20:00:00					
20-Jan-07	08:00:00					
20-Jan-07	20:00:00					
21-Jan-07	08:00:00					
21-Jan-07	20:00:00					
22-Jan-07	08:00:00					
22-Jan-07	20:00:00					
23-Jan-07	08:00:00					
23-Jan-07	20:00:00					
24-Jan-07	08:00:00					
24-Jan-07	20:00:00					
25-Jan-07	08:00:00					
25-Jan-07	20:00:00					
26-Jan-07	08:00:00					
26-Jan-07	20:00:00					
27-Jan-07	08:00:00					
27-Jan-07	20:00:00					

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
28-Jan-07	08:00:00					
28-Jan-07	20:00:00					
29-Jan-07	08:00:00					
29-Jan-07	20:00:00					
30-Jan-07	08:00:00					
30-Jan-07	20:00:00					
31-Jan-07	08:00:00					
31-Jan-07	20:00:00					
1-Feb-07	08:00:00					
1-Feb-07	20:00:00					
2-Feb-07	08:00:00					
2-Feb-07	20:00:00					
3-Feb-07	08:00:00					
3-Feb-07	20:00:00					
4-Feb-07	08:00:00					
4-Feb-07	20:00:00					
5-Feb-07	08:00:00					
5-Feb-07	20:00:00					
6-Feb-07	08:00:00					
6-Feb-07	20:00:00					
7-Feb-07	08:00:00					
7-Feb-07	20:00:00					
8-Feb-07	08:00:00					
8-Feb-07	20:00:00					
9-Feb-07	08:00:00					
9-Feb-07	20:00:00					
10-Feb-07	08:00:00					
10-Feb-07	20:00:00					
11-Feb-07	08:00:00					
11-Feb-07	20:00:00					
12-Feb-07	08:00:00					
12-Feb-07	20:00:00					
13-Feb-07	08:00:00					
13-Feb-07	20:00:00					
14-Feb-07	08:00:00					
14-Feb-07	20:00:00					
15-Feb-07	08:00:00					
15-Feb-07	20:00:00					
16-Feb-07	08:00:00					
16-Feb-07	20:00:00					
17-Feb-07	08:00:00					
17-Feb-07	20:00:00					
18-Feb-07	08:00:00					
18-Feb-07	20:00:00					
19-Feb-07	08:00:00					
19-Feb-07	20:00:00					
20-Feb-07	08:00:00					
20-Feb-07	20:00:00					
21-Feb-07	08:00:00					
21-Feb-07	20:00:00					
22-Feb-07	08:00:00					
22-Feb-07	20:00:00					
23-Feb-07	08:00:00					
23-Feb-07	20:00:00					

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
24-Feb-07	08:00:00					
24-Feb-07	20:00:00					
25-Feb-07	08:00:00					
25-Feb-07	20:00:00					
26-Feb-07	08:00:00	-12.25	-7		-3.5	-13.5
26-Feb-07	20:00:00					
27-Feb-07	08:00:00					
27-Feb-07	20:00:00			-2.87		
28-Feb-07	08:00:00			-3.30		
28-Feb-07	20:00:00			-3.60		
1-Mar-07	08:00:00			-3.74		
1-Mar-07	20:00:00			-3.68		
2-Mar-07	08:00:00			1.13		
2-Mar-07	20:00:00			-0.08		
3-Mar-07	08:00:00			-1.46		
3-Mar-07	20:00:00			-2.33		
4-Mar-07	08:00:00			-3.06		
4-Mar-07	20:00:00			-3.64		
5-Mar-07	08:00:00			-3.96		
5-Mar-07	20:00:00			-4.14		
6-Mar-07	08:00:00			-4.38		
6-Mar-07	20:00:00			-4.58		
7-Mar-07	08:00:00			-4.46		
7-Mar-07	20:00:00			-4.51		
8-Mar-07	08:00:00			-4.72		
8-Mar-07	20:00:00			-4.80		
9-Mar-07	08:00:00			-4.93		
9-Mar-07	20:00:00			-4.92		
10-Mar-07	08:00:00			-4.84		
10-Mar-07	20:00:00			-4.86		
11-Mar-07	08:00:00			-4.84		
11-Mar-07	20:00:00			-5.04		
12-Mar-07	08:00:00			-5.18		
12-Mar-07	20:00:00			-5.14		
13-Mar-07	08:00:00			-5.19		
13-Mar-07	20:00:00			-5.24		
14-Mar-07	08:00:00			-5.21		
14-Mar-07	20:00:00			-5.24		
15-Mar-07	08:00:00			-5.18		
15-Mar-07	20:00:00			-5.34		
16-Mar-07	08:00:00			-2.98		
16-Mar-07	20:00:00			1.61		
17-Mar-07	08:00:00			-0.35		
17-Mar-07	20:00:00			-2.04		
18-Mar-07	08:00:00			-2.89		
18-Mar-07	20:00:00			-3.69		
19-Mar-07	08:00:00			-4.15		
19-Mar-07	20:00:00			-4.34		
20-Mar-07	08:00:00			-4.51		
20-Mar-07	20:00:00			-4.84		
21-Mar-07	08:00:00			-5.03		
21-Mar-07	20:00:00			-5.19		
22-Mar-07	08:00:00			-5.15		
22-Mar-07	20:00:00			-5.24		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
23-Mar-07	08:00:00			-5.34		
23-Mar-07	20:00:00			-5.50		
24-Mar-07	08:00:00			-5.55		
24-Mar-07	20:00:00			-5.75		
25-Mar-07	08:00:00			-5.82		
25-Mar-07	20:00:00			-6.20		
26-Mar-07	08:00:00			-6.19		
26-Mar-07	20:00:00			-6.18		
27-Mar-07	08:00:00			-6.02		
27-Mar-07	20:00:00			-6.36		
28-Mar-07	08:00:00			-6.25		
28-Mar-07	20:00:00			-6.75		
29-Mar-07	08:00:00	-11.25	-9.00	-4.68	-3.50	-13.50
29-Mar-07	20:00:00			-3.87		
30-Mar-07	08:00:00			-4.81		
30-Mar-07	20:00:00			-5.40		
31-Mar-07	08:00:00			-5.51		
31-Mar-07	20:00:00			-6.08		
1-Apr-07	08:00:00			-6.08		
1-Apr-07	20:00:00			-6.57		
2-Apr-07	08:00:00			-4.70		
2-Apr-07	20:00:00			-6.12		
3-Apr-07	08:00:00			-6.33		
3-Apr-07	20:00:00			-7.50		
4-Apr-07	08:00:00			-6.82		
4-Apr-07	20:00:00			-8.23		
5-Apr-07	08:00:00			-8.10		
5-Apr-07	20:00:00			-8.80		
6-Apr-07	08:00:00			-8.41		
6-Apr-07	20:00:00			-8.56		
7-Apr-07	08:00:00			-8.07		
7-Apr-07	20:00:00			-8.72		
8-Apr-07	08:00:00			-8.76		
8-Apr-07	20:00:00			-8.52		
9-Apr-07	08:00:00			-8.60		
9-Apr-07	20:00:00			-8.60		
10-Apr-07	08:00:00			-8.73		
10-Apr-07	20:00:00			-8.75		
11-Apr-07	08:00:00			-8.52		
11-Apr-07	20:00:00			-8.07		
12-Apr-07	08:00:00			1.45		
12-Apr-07	20:00:00			0.24		
13-Apr-07	08:00:00			-1.35		
13-Apr-07	20:00:00			-2.86		
14-Apr-07	08:00:00			-3.59		
14-Apr-07	20:00:00			-4.34		
15-Apr-07	08:00:00			1.52		
15-Apr-07	20:00:00			0.99		
16-Apr-07	08:00:00			0.58		
16-Apr-07	20:00:00			-0.90		
17-Apr-07	08:00:00			-1.93		
17-Apr-07	20:00:00			-2.96		
18-Apr-07	08:00:00			-3.31		
18-Apr-07	20:00:00			-4.00		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
19-Apr-07	08:00:00			-4.18		
19-Apr-07	20:00:00			-4.61		
20-Apr-07	08:00:00			-4.69		
20-Apr-07	20:00:00			-5.40		
21-Apr-07	08:00:00			-5.38		
21-Apr-07	20:00:00			-6.16		
22-Apr-07	08:00:00			-6.04		
22-Apr-07	20:00:00			-6.99		
23-Apr-07	08:00:00			-6.71		
23-Apr-07	20:00:00			-7.90		
24-Apr-07	08:00:00	-16.00	-12.50	-7.34	-8.50	-19.00
24-Apr-07	20:00:00			-8.31		
25-Apr-07	08:00:00			-7.54		
25-Apr-07	20:00:00			-9.15		
26-Apr-07	08:00:00			-8.36		
26-Apr-07	20:00:00			-9.85		
27-Apr-07	08:00:00			-8.81		
27-Apr-07	20:00:00			-9.85		
28-Apr-07	08:00:00			-9.14		
28-Apr-07	20:00:00			-11.01		
29-Apr-07	08:00:00			-10.10		
29-Apr-07	20:00:00			-12.01		
30-Apr-07	08:00:00			-10.93		
30-Apr-07	20:00:00			-13.17		
1-May-07	08:00:00			-11.97		
1-May-07	20:00:00			-14.58		
2-May-07	08:00:00			-13.06		
2-May-07	20:00:00			-15.57		
3-May-07	08:00:00			-14.01		
3-May-07	20:00:00			-15.03		
4-May-07	08:00:00			-13.66		
4-May-07	20:00:00			-12.91		
5-May-07	08:00:00			-12.22		
5-May-07	20:00:00			-13.36		
6-May-07	08:00:00			-4.10		
6-May-07	20:00:00			-7.99		
7-May-07	08:00:00			-8.74		
7-May-07	20:00:00			-11.03		
8-May-07	08:00:00			-10.79		
8-May-07	20:00:00			-10.48		
9-May-07	08:00:00			-10.00		
9-May-07	20:00:00			-11.90		
10-May-07	08:00:00			-11.13		
10-May-07	20:00:00			-13.81		
11-May-07	08:00:00			-12.71		
11-May-07	20:00:00			-15.80		
12-May-07	08:00:00			-14.33		
12-May-07	20:00:00			-15.61		
13-May-07	08:00:00			-13.93		
13-May-07	20:00:00			-15.70		
14-May-07	08:00:00			-14.74		
14-May-07	20:00:00			-17.57		
15-May-07	08:00:00			-16.12		
15-May-07	20:00:00			-18.90		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
16-May-07	08:00:00			-17.37		
16-May-07	20:00:00			-20.09		
17-May-07	08:00:00			-4.61		
17-May-07	20:00:00			-7.90		
18-May-07	08:00:00			-9.08		
18-May-07	20:00:00			-10.42		
19-May-07	08:00:00			-10.60		
19-May-07	20:00:00			-13.79		
20-May-07	08:00:00			-13.26		
20-May-07	20:00:00			-17.01		
21-May-07	08:00:00			-16.08		
21-May-07	20:00:00			-19.51		
22-May-07	08:00:00			-18.16		
22-May-07	20:00:00			-20.88		
23-May-07	08:00:00	-24.50	-28.00	-19.49	-24.00	-33.50
23-May-07	20:00:00			-22.46		
24-May-07	08:00:00			-20.99		
24-May-07	20:00:00			-23.57		
25-May-07	08:00:00			-22.01		
25-May-07	20:00:00			-24.63		
26-May-07	08:00:00			-23.17		
26-May-07	20:00:00			-25.95		
27-May-07	08:00:00			-24.63		
27-May-07	20:00:00			-27.29		
28-May-07	08:00:00			-26.24		
28-May-07	20:00:00			-28.58		
29-May-07	08:00:00			-27.56		
29-May-07	20:00:00			-29.90		
30-May-07	08:00:00			-29.03		
30-May-07	20:00:00			-31.13		
31-May-07	08:00:00			-30.49		
31-May-07	20:00:00			-32.30		
1-Jun-07	08:00:00			-31.66		
1-Jun-07	20:00:00			-33.34		
2-Jun-07	08:00:00			-32.74		
2-Jun-07	20:00:00			-33.78		
3-Jun-07	08:00:00			-23.45		
3-Jun-07	20:00:00			-20.53		
4-Jun-07	08:00:00			-20.15		
4-Jun-07	20:00:00			-23.61		
5-Jun-07	08:00:00			-23.11		
5-Jun-07	20:00:00			-26.17		
6-Jun-07	08:00:00			-25.98		
6-Jun-07	20:00:00			-29.16		
7-Jun-07	08:00:00			-28.86		
7-Jun-07	20:00:00			-31.71		
8-Jun-07	08:00:00			-31.31		
8-Jun-07	20:00:00			-33.66		
9-Jun-07	08:00:00			-33.24		
9-Jun-07	20:00:00			-35.06		
10-Jun-07	08:00:00			-34.79		
10-Jun-07	20:00:00			-36.09		
11-Jun-07	08:00:00			-35.81		
11-Jun-07	20:00:00			-36.85		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
12-Jun-07	08:00:00			-36.46		
12-Jun-07	20:00:00			-37.36		
13-Jun-07	08:00:00			-37.04		
13-Jun-07	20:00:00			-38.11		
14-Jun-07	08:00:00			-37.87		
14-Jun-07	20:00:00			-38.49		
15-Jun-07	08:00:00			-38.29		
15-Jun-07	20:00:00			-39.09		
16-Jun-07	08:00:00			-38.90		
16-Jun-07	20:00:00			-39.75		
17-Jun-07	08:00:00			-39.46		
17-Jun-07	20:00:00			-40.45		
18-Jun-07	08:00:00			-40.24		
18-Jun-07	20:00:00			-41.19		
19-Jun-07	08:00:00			-41.03		
19-Jun-07	20:00:00			-41.93		
20-Jun-07	08:00:00			-41.83		
20-Jun-07	20:00:00			-42.43		
21-Jun-07	08:00:00			-42.19		
21-Jun-07	20:00:00			-43.03		
22-Jun-07	08:00:00			-42.86		
22-Jun-07	20:00:00			-43.62		
23-Jun-07	08:00:00			-43.59		
23-Jun-07	20:00:00			-44.18		
24-Jun-07	08:00:00			-44.13		
24-Jun-07	20:00:00			-44.76		
25-Jun-07	08:00:00	-32.5	-35.75	-44.60	-36.75	-38.5
25-Jun-07	20:00:00			-45.26		
26-Jun-07	08:00:00			-45.15		
26-Jun-07	20:00:00			-45.70		
27-Jun-07	08:00:00			-45.60		
27-Jun-07	20:00:00			-46.09		
28-Jun-07	08:00:00			-46.01		
28-Jun-07	20:00:00			-46.60		
29-Jun-07	08:00:00			-46.59		
29-Jun-07	20:00:00			-47.04		
30-Jun-07	08:00:00			-46.69		
30-Jun-07	20:00:00			-47.30		
1-Jul-07	08:00:00			-40.41		
1-Jul-07	20:00:00			-39.46		
2-Jul-07	08:00:00			-39.08		
2-Jul-07	20:00:00			-39.72		
3-Jul-07	08:00:00			-39.63		
3-Jul-07	20:00:00			-40.60		
4-Jul-07	08:00:00			-40.70		
4-Jul-07	20:00:00			-42.11		
5-Jul-07	08:00:00			-42.27		
5-Jul-07	20:00:00			-43.74		
6-Jul-07	08:00:00			-43.71		
6-Jul-07	20:00:00			-45.19		
7-Jul-07	08:00:00			-44.99		
7-Jul-07	20:00:00			-45.96		
8-Jul-07	08:00:00			-45.69		
8-Jul-07	20:00:00			-46.73		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
9-Jul-07	08:00:00			-46.68		
9-Jul-07	20:00:00			-47.48		
10-Jul-07	08:00:00			-47.33		
10-Jul-07	20:00:00			-46.89		
11-Jul-07	08:00:00			-46.28		
11-Jul-07	20:00:00			-47.58		
12-Jul-07	08:00:00			-46.87		
12-Jul-07	20:00:00			-47.88		
13-Jul-07	08:00:00			-47.52		
13-Jul-07	20:00:00			-48.29		
14-Jul-07	08:00:00			-47.96		
14-Jul-07	20:00:00			-48.79		
15-Jul-07	08:00:00			-48.62		
15-Jul-07	20:00:00			-49.33		
16-Jul-07	08:00:00			-49.16		
16-Jul-07	20:00:00			-49.87		
17-Jul-07	08:00:00			-49.71		
17-Jul-07	20:00:00			-50.31		
18-Jul-07	08:00:00			-14.49		
18-Jul-07	20:00:00			-18.79		
19-Jul-07	08:00:00			-20.14		
19-Jul-07	20:00:00			-24.72		
20-Jul-07	08:00:00			-24.48		
20-Jul-07	20:00:00			-25.76		
21-Jul-07	08:00:00			-25.25		
21-Jul-07	20:00:00			-28.18		
22-Jul-07	08:00:00			-27.96		
22-Jul-07	20:00:00			-30.24		
23-Jul-07	08:00:00			-30.16		
23-Jul-07	20:00:00			-32.43		
24-Jul-07	08:00:00			-32.35		
24-Jul-07	20:00:00			-34.24		
25-Jul-07	08:00:00			-34.18		
25-Jul-07	20:00:00			-35.68		
26-Jul-07	08:00:00	-31.5	-35.5	-35.59	-38	-37
26-Jul-07	20:00:00			-36.89		
27-Jul-07	08:00:00			-36.78		
27-Jul-07	20:00:00			-37.79		
28-Jul-07	08:00:00			-37.71		
28-Jul-07	20:00:00			-38.59		
29-Jul-07	08:00:00			-38.59		
29-Jul-07	20:00:00			-39.49		
30-Jul-07	08:00:00			-39.54		
30-Jul-07	20:00:00			-39.81		
31-Jul-07	08:00:00			-39.53		
31-Jul-07	20:00:00			-40.49		
1-Aug-07	08:00:00			-40.50		
1-Aug-07	20:00:00			-41.41		
2-Aug-07	08:00:00			-41.47		
2-Aug-07	20:00:00			-42.40		
3-Aug-07	08:00:00			-42.41		
3-Aug-07	20:00:00			-43.33		
4-Aug-07	08:00:00			-43.41		
4-Aug-07	20:00:00			-44.42		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
5-Aug-07	08:00:00			-44.52		
5-Aug-07	20:00:00			-45.62		
6-Aug-07	08:00:00			-45.73		
6-Aug-07	20:00:00			-46.77		
7-Aug-07	08:00:00			-46.81		
7-Aug-07	20:00:00			-47.90		
8-Aug-07	08:00:00			-47.95		
8-Aug-07	20:00:00			-49.00		
9-Aug-07	08:00:00			-49.04		
9-Aug-07	20:00:00			-48.30		
10-Aug-07	08:00:00			-48.20		
10-Aug-07	20:00:00			-48.76		
11-Aug-07	08:00:00			-47.91		
11-Aug-07	20:00:00			-47.81		
12-Aug-07	08:00:00			-47.42		
12-Aug-07	20:00:00			-48.95		
13-Aug-07	08:00:00			-48.63		
13-Aug-07	20:00:00			-49.97		
14-Aug-07	08:00:00			-49.74		
14-Aug-07	20:00:00			-50.09		
15-Aug-07	08:00:00			-50.09		
15-Aug-07	20:00:00			-50.08		
16-Aug-07	08:00:00			-50.09		
16-Aug-07	20:00:00			-50.08		
17-Aug-07	08:00:00			-50.07		
17-Aug-07	20:00:00			-50.08		
18-Aug-07	08:00:00			-50.08		
18-Aug-07	20:00:00			-50.08		
19-Aug-07	08:00:00			-50.09		
19-Aug-07	20:00:00			-50.08		
20-Aug-07	08:00:00			-50.09		
20-Aug-07	20:00:00			-50.09		
21-Aug-07	08:00:00			-50.09		
21-Aug-07	20:00:00			-50.08		
22-Aug-07	08:00:00			-50.08		
22-Aug-07	20:00:00			-50.08		
23-Aug-07	08:00:00			-50.09		
23-Aug-07	20:00:00			-50.09		
24-Aug-07	08:00:00			-50.08		
24-Aug-07	20:00:00			-50.08		
25-Aug-07	08:00:00			-50.08		
25-Aug-07	20:00:00			-50.08		
26-Aug-07	08:00:00			-50.07		
26-Aug-07	20:00:00			-50.09		
27-Aug-07	08:00:00			-50.07		
27-Aug-07	20:00:00			-50.09		
28-Aug-07	08:00:00	-41	-48	-50.08	-45	-47
28-Aug-07	20:00:00			-50.09		
29-Aug-07	08:00:00			-50.09		
29-Aug-07	20:00:00			-50.09		
30-Aug-07	08:00:00			-50.09		
30-Aug-07	20:00:00			-50.08		
31-Aug-07	08:00:00			-50.10		
31-Aug-07	20:00:00			-50.08		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
1-Sep-07	08:00:00			-50.09		
1-Sep-07	20:00:00			-50.08		
2-Sep-07	08:00:00			-50.08		
2-Sep-07	20:00:00			-50.10		
3-Sep-07	08:00:00			-50.07		
3-Sep-07	20:00:00			-50.10		
4-Sep-07	08:00:00			-50.08		
4-Sep-07	20:00:00			-50.08		
5-Sep-07	08:00:00			-50.08		
5-Sep-07	20:00:00			-50.08		
6-Sep-07	08:00:00			-50.08		
6-Sep-07	20:00:00			-50.09		
7-Sep-07	08:00:00			-50.08		
7-Sep-07	20:00:00			-50.09		
8-Sep-07	08:00:00			-50.09		
8-Sep-07	20:00:00			-50.10		
9-Sep-07	08:00:00			-50.09		
9-Sep-07	20:00:00			-50.08		
10-Sep-07	08:00:00			-50.09		
10-Sep-07	20:00:00			-50.08		
11-Sep-07	08:00:00			-50.09		
11-Sep-07	20:00:00			-50.09		
12-Sep-07	08:00:00			-50.08		
12-Sep-07	20:00:00			-50.09		
13-Sep-07	08:00:00			-50.08		
13-Sep-07	20:00:00			-50.08		
14-Sep-07	08:00:00			-50.10		
14-Sep-07	20:00:00			-50.09		
15-Sep-07	08:00:00			-45.74		
15-Sep-07	20:00:00			-24.83		
16-Sep-07	08:00:00			-25.43		
16-Sep-07	20:00:00			-27.59		
17-Sep-07	08:00:00			-27.39		
17-Sep-07	20:00:00			-31.22		
18-Sep-07	08:00:00			-32.13		
18-Sep-07	20:00:00			-34.88		
19-Sep-07	08:00:00			-35.21		
19-Sep-07	20:00:00			-36.08		
20-Sep-07	08:00:00			-36.39		
20-Sep-07	20:00:00			-35.98		
21-Sep-07	08:00:00			-34.29		
21-Sep-07	20:00:00			-29.06		
22-Sep-07	08:00:00			-25.68		
22-Sep-07	20:00:00			-27.45		
23-Sep-07	08:00:00			-26.03		
23-Sep-07	20:00:00			-30.55		
24-Sep-07	08:00:00	-33	-36.5	-30.83	-37	-39
24-Sep-07	20:00:00			-34.78		
25-Sep-07	08:00:00			-34.73		
25-Sep-07	20:00:00			-37.22		
26-Sep-07	08:00:00			-36.87		
26-Sep-07	20:00:00			-38.85		
27-Sep-07	08:00:00			-38.34		
27-Sep-07	20:00:00			-39.87		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
28-Sep-07	08:00:00			-39.66		
28-Sep-07	20:00:00			-41.45		
29-Sep-07	08:00:00			-41.42		
29-Sep-07	20:00:00			-42.53		
30-Sep-07	08:00:00			-42.30		
30-Sep-07	20:00:00			-43.26		
1-Oct-07	08:00:00			-43.12		
1-Oct-07	20:00:00			-43.90		
2-Oct-07	08:00:00			-43.76		
2-Oct-07	20:00:00			-44.30		
3-Oct-07	08:00:00			-44.28		
3-Oct-07	20:00:00			-44.63		
4-Oct-07	08:00:00			-44.72		
4-Oct-07	20:00:00			-45.42		
5-Oct-07	08:00:00			-45.48		
5-Oct-07	20:00:00			-45.48		
6-Oct-07	08:00:00			-45.43		
6-Oct-07	20:00:00			-45.75		
7-Oct-07	08:00:00			-45.76		
7-Oct-07	20:00:00			-46.49		
8-Oct-07	08:00:00			-46.51		
8-Oct-07	20:00:00			-47.25		
9-Oct-07	08:00:00			-47.27		
9-Oct-07	20:00:00			-48.03		
10-Oct-07	08:00:00			-48.04		
10-Oct-07	20:00:00			-48.57		
11-Oct-07	08:00:00			-48.71		
11-Oct-07	20:00:00			-49.46		
12-Oct-07	08:00:00			-49.56		
12-Oct-07	20:00:00			-50.11		
13-Oct-07	08:00:00			-50.15		
13-Oct-07	20:00:00			-50.07		
14-Oct-07	08:00:00			-50.15		
14-Oct-07	20:00:00			-50.14		
15-Oct-07	08:00:00			-50.16		
15-Oct-07	20:00:00			-50.15		
16-Oct-07	08:00:00			-50.17		
16-Oct-07	20:00:00			-50.17		
17-Oct-07	08:00:00			-50.17		
17-Oct-07	20:00:00			-50.16		
18-Oct-07	08:00:00			-50.15		
18-Oct-07	20:00:00			-50.16		
19-Oct-07	08:00:00			-50.15		
19-Oct-07	20:00:00			-50.15		
20-Oct-07	08:00:00			-50.15		
20-Oct-07	20:00:00			-50.15		
21-Oct-07	08:00:00			-50.18		
21-Oct-07	20:00:00			-50.18		
22-Oct-07	08:00:00			-50.17		
22-Oct-07	20:00:00			-50.09		
23-Oct-07	08:00:00			-50.10		
23-Oct-07	20:00:00			-50.10		
24-Oct-07	08:00:00	-33	-36	-50.08	-37	-38.5
24-Oct-07	20:00:00			-16.80		

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
25-Oct-07	08:00:00			-10.51		
25-Oct-07	20:00:00			-10.96		
26-Oct-07	08:00:00			-12.92		
26-Oct-07	20:00:00			-6.60		
27-Oct-07	08:00:00			-3.98		
27-Oct-07	20:00:00			-8.56		
28-Oct-07	08:00:00			-10.65		
28-Oct-07	20:00:00			-12.01		
29-Oct-07	08:00:00			-12.47		
29-Oct-07	20:00:00			-13.15		
30-Oct-07	08:00:00			-13.20		
30-Oct-07	20:00:00			-13.58		
31-Oct-07	08:00:00			-13.49		
31-Oct-07	20:00:00			-13.86		
1-Nov-07	08:00:00			-13.58		
1-Nov-07	20:00:00			-14.19		
2-Nov-07	08:00:00			-14.32		
2-Nov-07	20:00:00			-14.83		
3-Nov-07	08:00:00			-14.63		
3-Nov-07	20:00:00			-15.18		
4-Nov-07	08:00:00			-15.05		
4-Nov-07	20:00:00			-15.51		
5-Nov-07	08:00:00			-15.34		
5-Nov-07	20:00:00			-15.67		
6-Nov-07	08:00:00			-15.21		
6-Nov-07	20:00:00			-16.10		
7-Nov-07	08:00:00			-15.99		
7-Nov-07	20:00:00			-16.15		
8-Nov-07	08:00:00			-15.77		
8-Nov-07	20:00:00			-15.67		
9-Nov-07	08:00:00			-15.33		
9-Nov-07	20:00:00			-15.29		
10-Nov-07	08:00:00			-15.23		
10-Nov-07	20:00:00			-15.83		
11-Nov-07	08:00:00			-15.79		
11-Nov-07	20:00:00			-15.71		
12-Nov-07	08:00:00			-15.51		
12-Nov-07	20:00:00			-15.33		
13-Nov-07	08:00:00			-15.05		
13-Nov-07	20:00:00			-15.49		
14-Nov-07	08:00:00			-15.23		
14-Nov-07	20:00:00			-15.62		
15-Nov-07	08:00:00			-15.03		
15-Nov-07	20:00:00			-14.60		
16-Nov-07	08:00:00			-14.66		
16-Nov-07	20:00:00			-14.97		
17-Nov-07	08:00:00			-15.08		
17-Nov-07	20:00:00			-14.71		
18-Nov-07	08:00:00			-14.62		
18-Nov-07	20:00:00			-14.74		
19-Nov-07	08:00:00	-18.5	-26	-14.46	-21.75	-42.25
19-Nov-07	20:00:00					
20-Nov-07	08:00:00					
20-Nov-07	20:00:00					

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
21-Nov-07	08:00:00					
21-Nov-07	20:00:00					
22-Nov-07	08:00:00					
22-Nov-07	20:00:00					
23-Nov-07	08:00:00					
23-Nov-07	20:00:00					
24-Nov-07	08:00:00					
24-Nov-07	20:00:00					
25-Nov-07	08:00:00					
25-Nov-07	20:00:00					
26-Nov-07	08:00:00					
26-Nov-07	20:00:00					
27-Nov-07	08:00:00					
27-Nov-07	20:00:00					
28-Nov-07	08:00:00					
28-Nov-07	20:00:00					
29-Nov-07	08:00:00					
29-Nov-07	20:00:00					
30-Nov-07	08:00:00					
30-Nov-07	20:00:00					
1-Dec-07	08:00:00					
1-Dec-07	20:00:00					
2-Dec-07	08:00:00					
2-Dec-07	20:00:00					
3-Dec-07	08:00:00					
3-Dec-07	20:00:00					
4-Dec-07	08:00:00					
4-Dec-07	20:00:00					
5-Dec-07	08:00:00					
5-Dec-07	20:00:00					
6-Dec-07	08:00:00					
6-Dec-07	20:00:00					
7-Dec-07	08:00:00					
7-Dec-07	20:00:00					
8-Dec-07	08:00:00					
8-Dec-07	20:00:00					
9-Dec-07	08:00:00					
9-Dec-07	20:00:00					
10-Dec-07	08:00:00					
10-Dec-07	20:00:00					
11-Dec-07	08:00:00					
11-Dec-07	20:00:00					
12-Dec-07	08:00:00					
12-Dec-07	20:00:00					
13-Dec-07	08:00:00					
13-Dec-07	20:00:00					
14-Dec-07	08:00:00					
14-Dec-07	20:00:00					
15-Dec-07	08:00:00					
15-Dec-07	20:00:00					
16-Dec-07	08:00:00					
16-Dec-07	20:00:00					
17-Dec-07	08:00:00					
17-Dec-07	20:00:00					

Date	Time					
dd-mmm-yyyy	hh:mm:ss	WBKRef MW1	WBKRef MW2	WBKRef AW3	WBKRef MW4	WBKRef MW5
18-Dec-07	08:00:00					
18-Dec-07	20:00:00					
19-Dec-07	08:00:00					
19-Dec-07	20:00:00					
20-Dec-07	08:00:00					
20-Dec-07	20:00:00					
21-Dec-07	08:00:00					
21-Dec-07	20:00:00					
22-Dec-07	08:00:00					
22-Dec-07	20:00:00					
23-Dec-07	08:00:00					
23-Dec-07	20:00:00					
24-Dec-07	08:00:00					
24-Dec-07	20:00:00					
25-Dec-07	08:00:00					
25-Dec-07	20:00:00					
26-Dec-07	08:00:00					
26-Dec-07	20:00:00					
27-Dec-07	08:00:00					
27-Dec-07	20:00:00					
28-Dec-07	08:00:00					
28-Dec-07	20:00:00					
29-Dec-07	08:00:00					
29-Dec-07	20:00:00					
30-Dec-07	08:00:00					
30-Dec-07	20:00:00					
31-Dec-07	08:00:00					
31-Dec-07	20:00:00					

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
1-Jan-07	08:00:00			
1-Jan-07	20:00:00		0.04	
2-Jan-07	08:00:00			
2-Jan-07	20:00:00		0.13	
3-Jan-07	08:00:00			
3-Jan-07	20:00:00		0	
4-Jan-07	08:00:00			
4-Jan-07	20:00:00		0	
5-Jan-07	08:00:00			
5-Jan-07	20:00:00		0	
6-Jan-07	08:00:00			
6-Jan-07	20:00:00		0.56	
7-Jan-07	08:00:00			
7-Jan-07	20:00:00		0.1	
8-Jan-07	08:00:00			
8-Jan-07	20:00:00		0.25	
9-Jan-07	08:00:00			
9-Jan-07	20:00:00		0.2	
10-Jan-07	08:00:00			
10-Jan-07	20:00:00		0	
11-Jan-07	08:00:00			
11-Jan-07	20:00:00		0	
12-Jan-07	08:00:00			
12-Jan-07	20:00:00		0	
13-Jan-07	08:00:00			
13-Jan-07	20:00:00		0	
14-Jan-07	08:00:00			
14-Jan-07	20:00:00		0	
15-Jan-07	08:00:00			
15-Jan-07	20:00:00		0	
16-Jan-07	08:00:00			
16-Jan-07	20:00:00		0	
17-Jan-07	08:00:00			
17-Jan-07	20:00:00		0.05	
18-Jan-07	08:00:00			
18-Jan-07	20:00:00		0.03	
19-Jan-07	08:00:00			
19-Jan-07	20:00:00		0.5	
20-Jan-07	08:00:00			
20-Jan-07	20:00:00		0	
21-Jan-07	08:00:00			
21-Jan-07	20:00:00		0	
22-Jan-07	08:00:00			
22-Jan-07	20:00:00		1.05	
23-Jan-07	08:00:00			
23-Jan-07	20:00:00		0.08	
24-Jan-07	08:00:00			
24-Jan-07	20:00:00		0	
25-Jan-07	08:00:00			
25-Jan-07	20:00:00		0	
26-Jan-07	08:00:00			
26-Jan-07	20:00:00		0	
27-Jan-07	08:00:00			
27-Jan-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
28-Jan-07	08:00:00			
28-Jan-07	20:00:00		0.02	
29-Jan-07	08:00:00			
29-Jan-07	20:00:00		0.03	
30-Jan-07	08:00:00			
30-Jan-07	20:00:00		0	
31-Jan-07	08:00:00			
31-Jan-07	20:00:00		0	3.04
1-Feb-07	08:00:00			
1-Feb-07	20:00:00		0	
2-Feb-07	08:00:00			
2-Feb-07	20:00:00		0.76	
3-Feb-07	08:00:00			
3-Feb-07	20:00:00		0.07	
4-Feb-07	08:00:00			
4-Feb-07	20:00:00		0	
5-Feb-07	08:00:00			
5-Feb-07	20:00:00		0	
6-Feb-07	08:00:00			
6-Feb-07	20:00:00		0	
7-Feb-07	08:00:00			
7-Feb-07	20:00:00		0	
8-Feb-07	08:00:00			
8-Feb-07	20:00:00		0	
9-Feb-07	08:00:00			
9-Feb-07	20:00:00		0	
10-Feb-07	08:00:00			
10-Feb-07	20:00:00		0	
11-Feb-07	08:00:00			
11-Feb-07	20:00:00		0	
12-Feb-07	08:00:00			
12-Feb-07	20:00:00		0	
13-Feb-07	08:00:00			
13-Feb-07	20:00:00		0	
14-Feb-07	08:00:00			
14-Feb-07	20:00:00		0.75	
15-Feb-07	08:00:00			
15-Feb-07	20:00:00		0	
16-Feb-07	08:00:00			
16-Feb-07	20:00:00		0	
17-Feb-07	08:00:00			
17-Feb-07	20:00:00		0	
18-Feb-07	08:00:00			
18-Feb-07	20:00:00		0	
19-Feb-07	08:00:00			
19-Feb-07	20:00:00		0	
20-Feb-07	08:00:00			
20-Feb-07	20:00:00		0	
21-Feb-07	08:00:00			
21-Feb-07	20:00:00		0	
22-Feb-07	08:00:00			
22-Feb-07	20:00:00		0	
23-Feb-07	08:00:00			
23-Feb-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
24-Feb-07	08:00:00			
24-Feb-07	20:00:00		0	
25-Feb-07	08:00:00			
25-Feb-07	20:00:00		0	
26-Feb-07	08:00:00	2.3		
26-Feb-07	20:00:00		0.5	
27-Feb-07	08:00:00			
27-Feb-07	20:00:00		0	
28-Feb-07	08:00:00			
28-Feb-07	20:00:00		0	2.08
1-Mar-07	08:00:00			
1-Mar-07	20:00:00		0	
2-Mar-07	08:00:00			
2-Mar-07	20:00:00		0.42	
3-Mar-07	08:00:00			
3-Mar-07	20:00:00		0.19	
4-Mar-07	08:00:00			
4-Mar-07	20:00:00		0	
5-Mar-07	08:00:00			
5-Mar-07	20:00:00		0	
6-Mar-07	08:00:00			
6-Mar-07	20:00:00		0	
7-Mar-07	08:00:00			
7-Mar-07	20:00:00		0	
8-Mar-07	08:00:00			
8-Mar-07	20:00:00		0	
9-Mar-07	08:00:00			
9-Mar-07	20:00:00		0	
10-Mar-07	08:00:00			
10-Mar-07	20:00:00		0	
11-Mar-07	08:00:00			
11-Mar-07	20:00:00		0	
12-Mar-07	08:00:00			
12-Mar-07	20:00:00		0	
13-Mar-07	08:00:00			
13-Mar-07	20:00:00		0	
14-Mar-07	08:00:00			
14-Mar-07	20:00:00		0	
15-Mar-07	08:00:00			
15-Mar-07	20:00:00		0	
16-Mar-07	08:00:00			
16-Mar-07	20:00:00		0	
17-Mar-07	08:00:00			
17-Mar-07	20:00:00		1.5	
18-Mar-07	08:00:00			
18-Mar-07	20:00:00		0	
19-Mar-07	08:00:00			
19-Mar-07	20:00:00		0	
20-Mar-07	08:00:00			
20-Mar-07	20:00:00		0	
21-Mar-07	08:00:00			
21-Mar-07	20:00:00		0	
22-Mar-07	08:00:00			
22-Mar-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
23-Mar-07	08:00:00			
23-Mar-07	20:00:00		0	
24-Mar-07	08:00:00			
24-Mar-07	20:00:00		0	
25-Mar-07	08:00:00			
25-Mar-07	20:00:00		0	
26-Mar-07	08:00:00			
26-Mar-07	20:00:00		0	
27-Mar-07	08:00:00			
27-Mar-07	20:00:00		0	
28-Mar-07	08:00:00			
28-Mar-07	20:00:00		0	
29-Mar-07	08:00:00	1.9		
29-Mar-07	20:00:00		0	
30-Mar-07	08:00:00			
30-Mar-07	20:00:00		0.3	
31-Mar-07	08:00:00			
31-Mar-07	20:00:00		0.01	2.42
1-Apr-07	08:00:00			
1-Apr-07	20:00:00		0	
2-Apr-07	08:00:00			
2-Apr-07	20:00:00		0.01	
3-Apr-07	08:00:00			
3-Apr-07	20:00:00		0.04	
4-Apr-07	08:00:00			
4-Apr-07	20:00:00		0	
5-Apr-07	08:00:00			
5-Apr-07	20:00:00		0	
6-Apr-07	08:00:00			
6-Apr-07	20:00:00		0	
7-Apr-07	08:00:00			
7-Apr-07	20:00:00		0.05	
8-Apr-07	08:00:00			
8-Apr-07	20:00:00		0	
9-Apr-07	08:00:00			
9-Apr-07	20:00:00		0	
10-Apr-07	08:00:00			
10-Apr-07	20:00:00		0	
11-Apr-07	08:00:00			
11-Apr-07	20:00:00		0	
12-Apr-07	08:00:00			
12-Apr-07	20:00:00		0.27	
13-Apr-07	08:00:00			
13-Apr-07	20:00:00		0	
14-Apr-07	08:00:00			
14-Apr-07	20:00:00		0	
15-Apr-07	08:00:00			
15-Apr-07	20:00:00		0.16	
16-Apr-07	08:00:00			
16-Apr-07	20:00:00		1.52	
17-Apr-07	08:00:00			
17-Apr-07	20:00:00		0	
18-Apr-07	08:00:00			
18-Apr-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
19-Apr-07	08:00:00			
19-Apr-07	20:00:00		0	
20-Apr-07	08:00:00			
20-Apr-07	20:00:00		0.04	
21-Apr-07	08:00:00			
21-Apr-07	20:00:00		0	
22-Apr-07	08:00:00			
22-Apr-07	20:00:00		0	
23-Apr-07	08:00:00			
23-Apr-07	20:00:00		0	
24-Apr-07	08:00:00	3.05		
24-Apr-07	20:00:00		0	
25-Apr-07	08:00:00			
25-Apr-07	20:00:00		0	
26-Apr-07	08:00:00			
26-Apr-07	20:00:00		0	
27-Apr-07	08:00:00			
27-Apr-07	20:00:00		0	
28-Apr-07	08:00:00			
28-Apr-07	20:00:00		0	
29-Apr-07	08:00:00			
29-Apr-07	20:00:00		0	
30-Apr-07	08:00:00			
30-Apr-07	20:00:00		0	2.09
1-May-07	08:00:00			
1-May-07	20:00:00		0	
2-May-07	08:00:00			
2-May-07	20:00:00		0	
3-May-07	08:00:00			
3-May-07	20:00:00		0	
4-May-07	08:00:00			
4-May-07	20:00:00		0.08	
5-May-07	08:00:00			
5-May-07	20:00:00		0.1	
6-May-07	08:00:00			
6-May-07	20:00:00		0.19	
7-May-07	08:00:00			
7-May-07	20:00:00		0	
8-May-07	08:00:00			
8-May-07	20:00:00		0	
9-May-07	08:00:00			
9-May-07	20:00:00		0.08	
10-May-07	08:00:00			
10-May-07	20:00:00		0	
11-May-07	08:00:00			
11-May-07	20:00:00		0	
12-May-07	08:00:00			
12-May-07	20:00:00		0	
13-May-07	08:00:00			
13-May-07	20:00:00		0.26	
14-May-07	08:00:00			
14-May-07	20:00:00		0	
15-May-07	08:00:00			
15-May-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
16-May-07	08:00:00			
16-May-07	20:00:00		0	
17-May-07	08:00:00			
17-May-07	20:00:00		0.6	
18-May-07	08:00:00			
18-May-07	20:00:00		0.05	
19-May-07	08:00:00			
19-May-07	20:00:00		0.05	
20-May-07	08:00:00			
20-May-07	20:00:00		0	
21-May-07	08:00:00			
21-May-07	20:00:00		0	
22-May-07	08:00:00			
22-May-07	20:00:00		0	
23-May-07	08:00:00	1.55		
23-May-07	20:00:00		0	
24-May-07	08:00:00			
24-May-07	20:00:00		0	
25-May-07	08:00:00			
25-May-07	20:00:00		0	
26-May-07	08:00:00			
26-May-07	20:00:00		0	
27-May-07	08:00:00			
27-May-07	20:00:00		0	
28-May-07	08:00:00			
28-May-07	20:00:00		0	
29-May-07	08:00:00			
29-May-07	20:00:00		0	
30-May-07	08:00:00			
30-May-07	20:00:00		0	
31-May-07	08:00:00			
31-May-07	20:00:00		0	1.41
1-Jun-07	08:00:00			
1-Jun-07	20:00:00		0	
2-Jun-07	08:00:00			
2-Jun-07	20:00:00		0	
3-Jun-07	08:00:00			
3-Jun-07	20:00:00		0.65	
4-Jun-07	08:00:00			
4-Jun-07	20:00:00		0.74	
5-Jun-07	08:00:00			
5-Jun-07	20:00:00		0	
6-Jun-07	08:00:00			
6-Jun-07	20:00:00		0	
7-Jun-07	08:00:00			
7-Jun-07	20:00:00		0	
8-Jun-07	08:00:00			
8-Jun-07	20:00:00		0	
9-Jun-07	08:00:00			
9-Jun-07	20:00:00		0	
10-Jun-07	08:00:00			
10-Jun-07	20:00:00		0	
11-Jun-07	08:00:00			
11-Jun-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
12-Jun-07	08:00:00			
12-Jun-07	20:00:00		0	
13-Jun-07	08:00:00			
13-Jun-07	20:00:00		0.05	
14-Jun-07	08:00:00			
14-Jun-07	20:00:00		0.09	
15-Jun-07	08:00:00			
15-Jun-07	20:00:00		0	
16-Jun-07	08:00:00			
16-Jun-07	20:00:00		0	
17-Jun-07	08:00:00			
17-Jun-07	20:00:00		0	
18-Jun-07	08:00:00			
18-Jun-07	20:00:00		0	
19-Jun-07	08:00:00			
19-Jun-07	20:00:00		0	
20-Jun-07	08:00:00			
20-Jun-07	20:00:00		0	
21-Jun-07	08:00:00			
21-Jun-07	20:00:00		0.24	
22-Jun-07	08:00:00			
22-Jun-07	20:00:00		0	
23-Jun-07	08:00:00			
23-Jun-07	20:00:00		0	
24-Jun-07	08:00:00			
24-Jun-07	20:00:00		0	
25-Jun-07	08:00:00			
25-Jun-07	20:00:00	0	0	
26-Jun-07	08:00:00			
26-Jun-07	20:00:00		0	
27-Jun-07	08:00:00			
27-Jun-07	20:00:00		0	
28-Jun-07	08:00:00			
28-Jun-07	20:00:00		0.25	
29-Jun-07	08:00:00			
29-Jun-07	20:00:00		0	
30-Jun-07	08:00:00			
30-Jun-07	20:00:00		0.29	2.31
1-Jul-07	08:00:00			
1-Jul-07	20:00:00		0.68	
2-Jul-07	08:00:00			
2-Jul-07	20:00:00		0	
3-Jul-07	08:00:00			
3-Jul-07	20:00:00		0	
4-Jul-07	08:00:00			
4-Jul-07	20:00:00		0	
5-Jul-07	08:00:00			
5-Jul-07	20:00:00		0	
6-Jul-07	08:00:00			
6-Jul-07	20:00:00		0	
7-Jul-07	08:00:00			
7-Jul-07	20:00:00		0	
8-Jul-07	08:00:00			
8-Jul-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
9-Jul-07	08:00:00			
9-Jul-07	20:00:00		0	
10-Jul-07	08:00:00			
10-Jul-07	20:00:00		0	
11-Jul-07	08:00:00			
11-Jul-07	20:00:00		0.68	
12-Jul-07	08:00:00			
12-Jul-07	20:00:00		0.34	
13-Jul-07	08:00:00			
13-Jul-07	20:00:00		0	
14-Jul-07	08:00:00			
14-Jul-07	20:00:00		0	
15-Jul-07	08:00:00			
15-Jul-07	20:00:00		0	
16-Jul-07	08:00:00			
16-Jul-07	20:00:00		0.03	
17-Jul-07	08:00:00			
17-Jul-07	20:00:00		0	
18-Jul-07	08:00:00			
18-Jul-07	20:00:00		3.3	
19-Jul-07	08:00:00			
19-Jul-07	20:00:00		0	
20-Jul-07	08:00:00			
20-Jul-07	20:00:00		0	
21-Jul-07	08:00:00			
21-Jul-07	20:00:00		0	
22-Jul-07	08:00:00			
22-Jul-07	20:00:00		0	
23-Jul-07	08:00:00			
23-Jul-07	20:00:00		0	
24-Jul-07	08:00:00			
24-Jul-07	20:00:00		0	
25-Jul-07	08:00:00			
25-Jul-07	20:00:00		0	
26-Jul-07	08:00:00	5.3		
26-Jul-07	20:00:00		0	
27-Jul-07	08:00:00			
27-Jul-07	20:00:00		0	
28-Jul-07	08:00:00			
28-Jul-07	20:00:00		0.15	
29-Jul-07	08:00:00			
29-Jul-07	20:00:00		1	
30-Jul-07	08:00:00			
30-Jul-07	20:00:00		0.02	
31-Jul-07	08:00:00			
31-Jul-07	20:00:00		0.25	6.45
1-Aug-07	08:00:00			
1-Aug-07	20:00:00		0	
2-Aug-07	08:00:00			
2-Aug-07	20:00:00		0	
3-Aug-07	08:00:00			
3-Aug-07	20:00:00		0	
4-Aug-07	08:00:00			
4-Aug-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
5-Aug-07	08:00:00			
5-Aug-07	20:00:00		0	
6-Aug-07	08:00:00			
6-Aug-07	20:00:00		0	
7-Aug-07	08:00:00			
7-Aug-07	20:00:00		0.1	
8-Aug-07	08:00:00			
8-Aug-07	20:00:00		0	
9-Aug-07	08:00:00			
9-Aug-07	20:00:00		0	
10-Aug-07	08:00:00			
10-Aug-07	20:00:00		0	
11-Aug-07	08:00:00			
11-Aug-07	20:00:00		0	
12-Aug-07	08:00:00			
12-Aug-07	20:00:00		0	
13-Aug-07	08:00:00			
13-Aug-07	20:00:00		0	
14-Aug-07	08:00:00			
14-Aug-07	20:00:00		0	
15-Aug-07	08:00:00			
15-Aug-07	20:00:00		0	
16-Aug-07	08:00:00			
16-Aug-07	20:00:00		0	
17-Aug-07	08:00:00			
17-Aug-07	20:00:00		0	
18-Aug-07	08:00:00			
18-Aug-07	20:00:00		0.25	
19-Aug-07	08:00:00			
19-Aug-07	20:00:00		0	
20-Aug-07	08:00:00			
20-Aug-07	20:00:00		0	
21-Aug-07	08:00:00			
21-Aug-07	20:00:00		0	
22-Aug-07	08:00:00			
22-Aug-07	20:00:00		0.28	
23-Aug-07	08:00:00			
23-Aug-07	20:00:00		0	
24-Aug-07	08:00:00			
24-Aug-07	20:00:00		0	
25-Aug-07	08:00:00			
25-Aug-07	20:00:00		0	
26-Aug-07	08:00:00			
26-Aug-07	20:00:00		0	
27-Aug-07	08:00:00			
27-Aug-07	20:00:00		0.3	
28-Aug-07	08:00:00			
28-Aug-07	20:00:00	2.35	0	
29-Aug-07	08:00:00			
29-Aug-07	20:00:00		0	
30-Aug-07	08:00:00			
30-Aug-07	20:00:00		0	
31-Aug-07	08:00:00			
31-Aug-07	20:00:00		0	0.93

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
1-Sep-07	08:00:00			
1-Sep-07	20:00:00			
2-Sep-07	08:00:00			
2-Sep-07	20:00:00		0	
3-Sep-07	08:00:00			
3-Sep-07	20:00:00		0	
4-Sep-07	08:00:00			
4-Sep-07	20:00:00		0	
5-Sep-07	08:00:00			
5-Sep-07	20:00:00		0	
6-Sep-07	08:00:00			
6-Sep-07	20:00:00			
7-Sep-07	08:00:00			
7-Sep-07	20:00:00		0	
8-Sep-07	08:00:00			
8-Sep-07	20:00:00		0	
9-Sep-07	08:00:00			
9-Sep-07	20:00:00		0	
10-Sep-07	08:00:00			
10-Sep-07	20:00:00		0	
11-Sep-07	08:00:00			
11-Sep-07	20:00:00		0	
12-Sep-07	08:00:00			
12-Sep-07	20:00:00		0	
13-Sep-07	08:00:00			
13-Sep-07	20:00:00		0	
14-Sep-07	08:00:00			
14-Sep-07	20:00:00		0	
15-Sep-07	08:00:00			
15-Sep-07	20:00:00		4	
16-Sep-07	08:00:00			
16-Sep-07	20:00:00			
17-Sep-07	08:00:00			
17-Sep-07	20:00:00		0	
18-Sep-07	08:00:00			
18-Sep-07	20:00:00		0	
19-Sep-07	08:00:00			
19-Sep-07	20:00:00		0	
20-Sep-07	08:00:00			
20-Sep-07	20:00:00		0	
21-Sep-07	08:00:00			
21-Sep-07	20:00:00		0.26	
22-Sep-07	08:00:00			
22-Sep-07	20:00:00		0.03	
23-Sep-07	08:00:00			
23-Sep-07	20:00:00			
24-Sep-07	08:00:00			
24-Sep-07	20:00:00	3.82		
25-Sep-07	08:00:00			
25-Sep-07	20:00:00			
26-Sep-07	08:00:00			
26-Sep-07	20:00:00		0	
27-Sep-07	08:00:00			
27-Sep-07	20:00:00		0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
28-Sep-07	08:00:00			
28-Sep-07	20:00:00		0	
29-Sep-07	08:00:00			
29-Sep-07	20:00:00			
30-Sep-07	08:00:00			
30-Sep-07	20:00:00		0	3.72
1-Oct-07	08:00:00			
1-Oct-07	20:00:00		0	
2-Oct-07	08:00:00			
2-Oct-07	20:00:00		0	
3-Oct-07	08:00:00			
3-Oct-07	20:00:00		0	
4-Oct-07	08:00:00			
4-Oct-07	20:00:00		0	
5-Oct-07	08:00:00			
5-Oct-07	20:00:00		0	
6-Oct-07	08:00:00			
6-Oct-07	20:00:00		0	
7-Oct-07	08:00:00			
7-Oct-07	20:00:00		0	
8-Oct-07	08:00:00			
8-Oct-07	20:00:00		0	
9-Oct-07	08:00:00			
9-Oct-07	20:00:00		0	
10-Oct-07	08:00:00			
10-Oct-07	20:00:00		0	
11-Oct-07	08:00:00			
11-Oct-07	20:00:00		0	
12-Oct-07	08:00:00			
12-Oct-07	20:00:00		0	
13-Oct-07	08:00:00			
13-Oct-07	20:00:00		0	
14-Oct-07	08:00:00			
14-Oct-07	20:00:00		0	
15-Oct-07	08:00:00			
15-Oct-07	20:00:00		0	
16-Oct-07	08:00:00			
16-Oct-07	20:00:00		0	
17-Oct-07	08:00:00			
17-Oct-07	20:00:00		0	
18-Oct-07	08:00:00			
18-Oct-07	20:00:00		0	
19-Oct-07	08:00:00			
19-Oct-07	20:00:00		0	
20-Oct-07	08:00:00			
20-Oct-07	20:00:00		0	
21-Oct-07	08:00:00			
21-Oct-07	20:00:00		0	
22-Oct-07	08:00:00			
22-Oct-07	20:00:00		0	
23-Oct-07	08:00:00			
23-Oct-07	20:00:00		0	
24-Oct-07	08:00:00			
24-Oct-07	20:00:00	0.3	0	

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
25-Oct-07	08:00:00			
25-Oct-07	20:00:00		0	
26-Oct-07	08:00:00			
26-Oct-07	20:00:00		0	
27-Oct-07	08:00:00			
27-Oct-07	20:00:00		0	
28-Oct-07	08:00:00			
28-Oct-07	20:00:00		0	
29-Oct-07	08:00:00			
29-Oct-07	20:00:00		0	
30-Oct-07	08:00:00			
30-Oct-07	20:00:00		0	
31-Oct-07	08:00:00			
31-Oct-07	20:00:00		0	0
1-Nov-07	08:00:00			
1-Nov-07	20:00:00		0	
2-Nov-07	08:00:00			
2-Nov-07	20:00:00		0	
3-Nov-07	08:00:00			
3-Nov-07	20:00:00		0	
4-Nov-07	08:00:00			
4-Nov-07	20:00:00		0	
5-Nov-07	08:00:00			
5-Nov-07	20:00:00		0	
6-Nov-07	08:00:00			
6-Nov-07	20:00:00		0	
7-Nov-07	08:00:00			
7-Nov-07	20:00:00		0	
8-Nov-07	08:00:00			
8-Nov-07	20:00:00		0	
9-Nov-07	08:00:00			
9-Nov-07	20:00:00		0	
10-Nov-07	08:00:00			
10-Nov-07	20:00:00		0	
11-Nov-07	08:00:00			
11-Nov-07	20:00:00		0	
12-Nov-07	08:00:00			
12-Nov-07	20:00:00		0	
13-Nov-07	08:00:00			
13-Nov-07	20:00:00		0	
14-Nov-07	08:00:00			
14-Nov-07	20:00:00		0	
15-Nov-07	08:00:00			
15-Nov-07	20:00:00		0.05	
16-Nov-07	08:00:00			
16-Nov-07	20:00:00		0.24	
17-Nov-07	08:00:00			
17-Nov-07	20:00:00		0	
18-Nov-07	08:00:00			
18-Nov-07	20:00:00		0	
19-Nov-07	08:00:00			
19-Nov-07	20:00:00	5.72	0	
20-Nov-07	08:00:00			
20-Nov-07	20:00:00			

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
21-Nov-07	08:00:00			
21-Nov-07	20:00:00			
22-Nov-07	08:00:00			
22-Nov-07	20:00:00			
23-Nov-07	08:00:00			
23-Nov-07	20:00:00			
24-Nov-07	08:00:00			
24-Nov-07	20:00:00			
25-Nov-07	08:00:00			
25-Nov-07	20:00:00			
26-Nov-07	08:00:00			
26-Nov-07	20:00:00			
27-Nov-07	08:00:00			
27-Nov-07	20:00:00			
28-Nov-07	08:00:00			
28-Nov-07	20:00:00			
29-Nov-07	08:00:00			
29-Nov-07	20:00:00			
30-Nov-07	08:00:00			
30-Nov-07	20:00:00			
1-Dec-07	08:00:00			
1-Dec-07	20:00:00			
2-Dec-07	08:00:00			
2-Dec-07	20:00:00			
3-Dec-07	08:00:00			
3-Dec-07	20:00:00			
4-Dec-07	08:00:00			
4-Dec-07	20:00:00			
5-Dec-07	08:00:00			
5-Dec-07	20:00:00			
6-Dec-07	08:00:00			
6-Dec-07	20:00:00			
7-Dec-07	08:00:00			
7-Dec-07	20:00:00			
8-Dec-07	08:00:00			
8-Dec-07	20:00:00			
9-Dec-07	08:00:00			
9-Dec-07	20:00:00			
10-Dec-07	08:00:00			
10-Dec-07	20:00:00			
11-Dec-07	08:00:00			
11-Dec-07	20:00:00			
12-Dec-07	08:00:00			
12-Dec-07	20:00:00			
13-Dec-07	08:00:00			
13-Dec-07	20:00:00			
14-Dec-07	08:00:00			
14-Dec-07	20:00:00			
15-Dec-07	08:00:00			
15-Dec-07	20:00:00			
16-Dec-07	08:00:00			
16-Dec-07	20:00:00			
17-Dec-07	08:00:00			
17-Dec-07	20:00:00			

Date	Time	On-site Raingauge	Smithfield Daily Rainfall	Smithfield Monthly Rainfall
dd-mmm-yyyy	hh:mm:ss			
18-Dec-07	08:00:00			
18-Dec-07	20:00:00			
19-Dec-07	08:00:00			
19-Dec-07	20:00:00			
20-Dec-07	08:00:00			
20-Dec-07	20:00:00			
21-Dec-07	08:00:00			
21-Dec-07	20:00:00			
22-Dec-07	08:00:00			
22-Dec-07	20:00:00			
23-Dec-07	08:00:00			
23-Dec-07	20:00:00			
24-Dec-07	08:00:00			
24-Dec-07	20:00:00			
25-Dec-07	08:00:00			
25-Dec-07	20:00:00			
26-Dec-07	08:00:00			
26-Dec-07	20:00:00			
27-Dec-07	08:00:00			
27-Dec-07	20:00:00			
28-Dec-07	08:00:00			
28-Dec-07	20:00:00			
29-Dec-07	08:00:00			
29-Dec-07	20:00:00			
30-Dec-07	08:00:00			
30-Dec-07	20:00:00			
31-Dec-07	08:00:00			
31-Dec-07	20:00:00			

APPENDIX D

2007 Site Photos



PP @ station 22+50 facing upstream



PP @ station 22+50 facing downstream



PP @ station 22+50 facing South



PP @ station 22+50 facing North



PP @ corner of NE access road facing Northwest



PP @ corner of NE access road facing West



PP @ corner of NE access road facing North



PP @ station 48+30 facing upstream



PP @ station 48+30 facing downstream



PP @ station 48+30 facing East



PP @ station 48+30 facing South



PP near AW3 facing North



PP near AW3 facing East



PP near AW3 facing West



PP near AW2 facing North



PP near AW2 facing East



PP near AW2 facing South



PP near AW2 facing West



PP near AW1 facing North



PP near AW1 facing East



PP near AW1 facing West



PP near AW1 facing South



PP near MW1 facing North



PP near MW1 facing East



PP near MW1 facing West



PP near MW1 facing South



PP near MW2 facing North



PP near MW2 facing East



Log weir @ station 3+40 facing upstream



Log vane @ station 30+20 facing downstream



Insect nest in *taxodium* near station 32+00



Root wad @ station 47+70 facing downstream



Log vane @ station 50+70 facing downstream



Rock vane @ station 53+70 facing upstream