

**Haw Branch Mitigation Project
Onslow County, North Carolina**

DENR-EEP Contract No. D04015

Year 3 Monitoring Report



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1.0 SUMMARY

This Annual Report details the monitoring activities during the 2008 growing season on the Haw Branch Mitigation Site. Construction of the site was completed in December 2005. The 2008 data represents results from the third year of hydrologic, vegetation, and stability monitoring for both wetlands and streams.

Restoration of the Haw Branch site involves stream restoration, and riverine wetland restoration. Restoration of the site included the construction of a stable meandering channel across hydric agricultural fields. The channel was designed and constructed using natural channel design techniques. Restoration also involved raising the local water table by filling drainage ditches on-site and creation of microtopography across the site. After construction, it was determined that there is 10,005 linear feet of stream restoration and 25.8 acres of riverine wetland restoration.

This Annual Report presents the data from seven hydrologic monitoring stations, twenty vegetation monitoring plots, two crest gauges, a rain gauge, and twenty-one cross sections, as required by the approved Restoration Plan for the site. All seven of the hydrologic stations are equipped with HOBO automated data loggers and a manual calibration gauge.

In 2008, six of seven hydrology monitoring gauges at the site recorded wetland hydroperiods of at least 7 percent of the growing season. The remaining gauge exhibited a wetland hydroperiod of 3 percent of the growing season. These results are very similar to previous year's results which documented monitoring well hydroperiods significantly higher than the specified success criteria. Of the successful wells, all six recorded a hydroperiod of at least 32.5 percent.

Weather station data from the Hoffmann Forest Weather Station were used in conjunction with a manual rain gauge located on the site to document local precipitation amounts. The manual gauge is used to validate observations made at the automated weather station. The rainfall total from the Hoffmann gauge was slightly below normal limits in February, March, June, July, and September. The on-site gauge was also just slightly below normal limits for March, May, June, July, August, and September. Based on data collected from the Hoffman Forest Weather Station compared to the average monthly rainfall, the total rainfall deficit for the site was 17.27 inches.

This Annual Report documents vegetation survivability based on twenty vegetation-monitoring plots, as specified in the approved mitigation plan for this site. Twenty monitoring plots that are 10 meter x 10 meters or 0.025 of an acre in size were used to determine the survival of the woody vegetation planted on site. Plots are located to represent the different zones within the project. The vegetation monitoring indicated a range of 520 stems per acre to 760 stems per acre with an average of 646 stems per acre. Overall, the site has met the initial vegetation survival criteria of 320 stems per acre after the third growing season and is on track to meet the final vegetation success criteria.

The restored stream channel has remained stable and is providing the intended habitat and hydrologic functions. Five bankfull events were recorded during the year, one from Crest Gauge 1 and four from Crest Gauge 2. All monitored cross sections show very little adjustment in stream dimension, and it was concluded that the site remains on track to achieve the stream success criteria specified in the Restoration Plan for the site.

2.0 INTRODUCTION

2.1 PROJECT DESCRIPTION

The Haw Branch wetland and stream restoration site is located near the community of Richlands in Onslow County, North Carolina (**Figure 1** and **Figure 2**). The site has a past history of agricultural use consisting primarily of row crop agriculture. Ditches on the site were used to increase subsurface drainage when the land was under agricultural production. Construction of the site, including planting of trees, was completed in December 2005. Groundwater, surface water, and rain gauges were functional beginning January 2006. The 2008 monitoring season represents the third year of monitoring for the site. As-built sheets for the Haw Branch Mitigation site are shown in **Appendix A**.

2.2 PROJECT PURPOSE

Monitoring of the Haw Branch Site is required to demonstrate successful restoration based on the criteria found in the Restoration Plan 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. **Table 2** details the project history and schedule.

Table 1. Project Mitigation Structure and Objectives

Reach Name	As-Built Length (ft)	Restoration Approach
Stream		
UT1A	3,148	Restoration
UT1B	2,975	Restoration
UT2	2,967	Restoration
UT3	915	Restoration
Total	10,005	Restoration
Wetland		
	25.8 acres	Restoration

2.3 PROJECT HISTORY & SCHEDULE

Table 2. Project Activity and Reporting History

Month	Activity
January 2005	Construction Completed
January 2006	Post-restoration Monitoring Begins
November 2006	1st Annual Monitoring Report
November 2007	2nd Annual Monitoring Report
November 2008 (scheduled)	3rd Annual Monitoring Report
November 2009 (scheduled)	4th Annual Monitoring Report
November 2010 (scheduled)	5th Annual Monitoring Report

Table 3. Project Contacts

Contact	Firm Information
Project Manager Norton Webster	EBX-Neuse 1, LLC (919) 608-9688
Designer Kevin Tweedy, PE	Buck Engineering PC (919) 463-5488
Monitoring Contractor Daniel Ingram	WK Dickson and Co., Inc (919) 782-0495

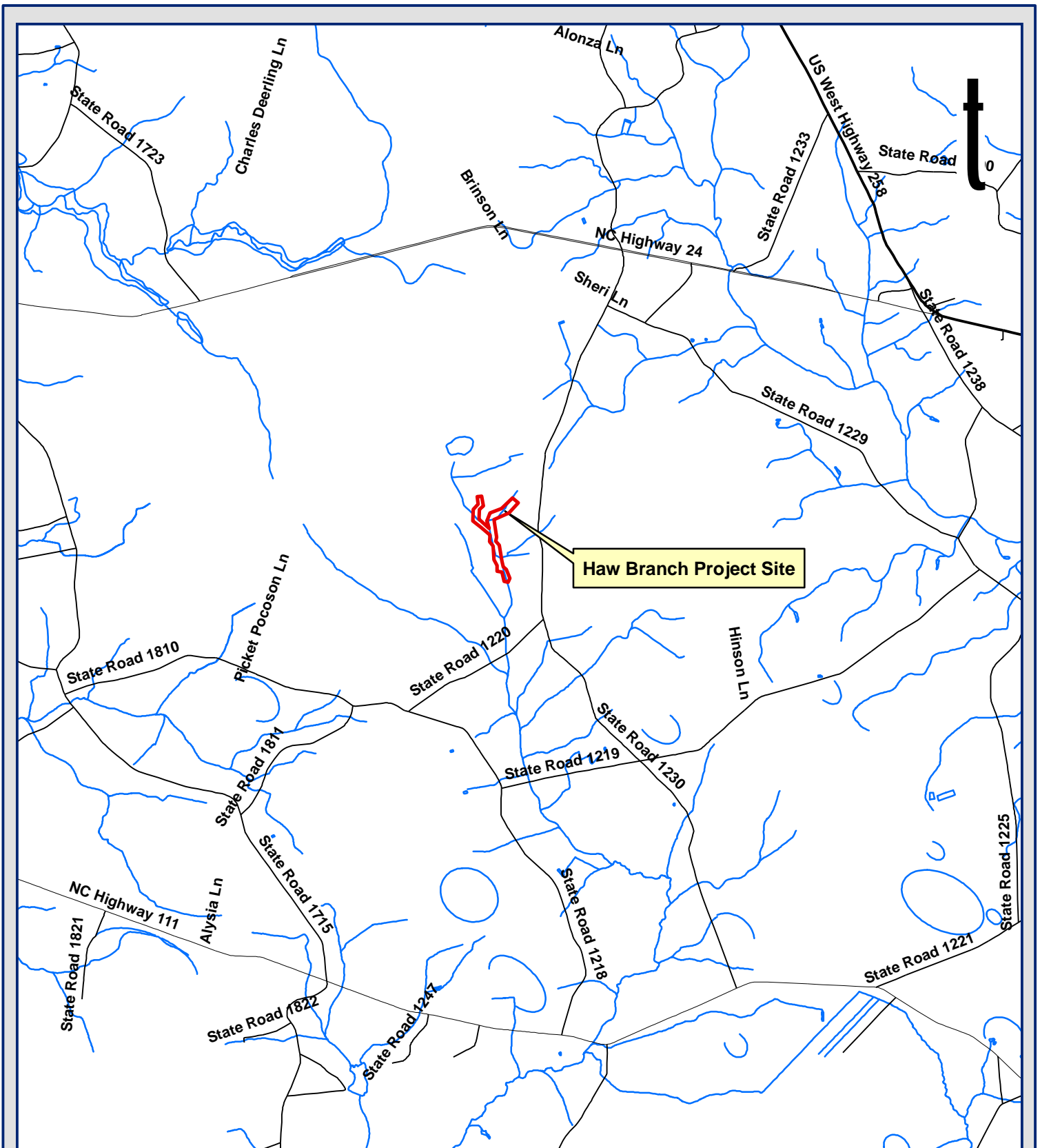


Figure 1.
 Haw Branch Stream Mitigation Site
 Project Location Map
 Onslow County, NC



1 inch equals 1 miles

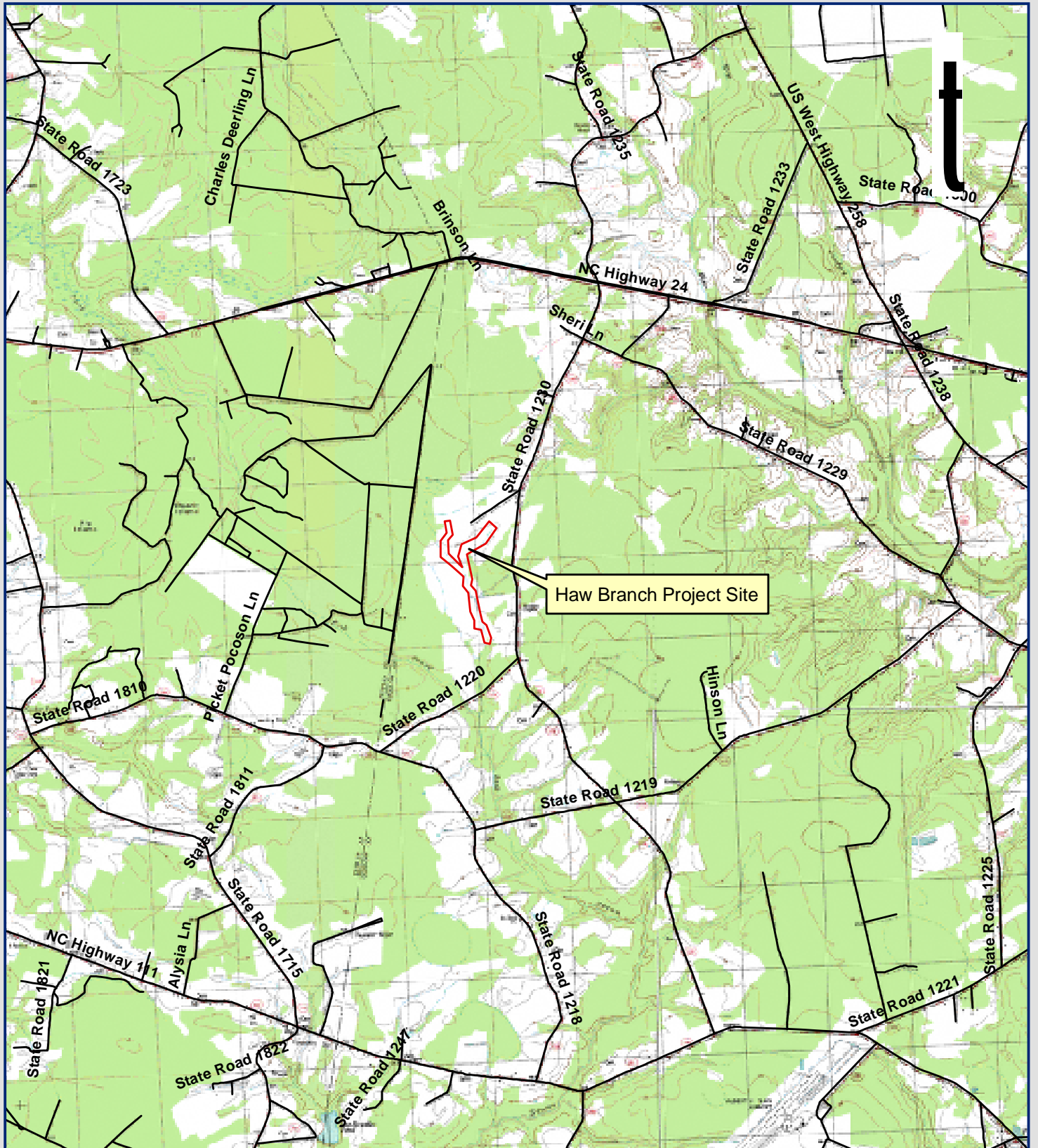


Figure 2.
Haw Branch Stream Mitigation Site
USGS Topographic Map
Onslow County, NC



1 inch equals 1 miles

3.0 HYDROLOGY

3.1 HYDROLOGIC SUCCESS CRITERIA

As stated in the approved Restoration Plan, to meet the hydrologic success criteria, the monitoring data must show that for each normal year of rainfall within the monitoring period, the site has been inundated or saturated within 12 inches of the soil surface for a minimum of 7 percent of the growing season (17 days). The day count is based on the growing season for Onslow County, which is 239 days long (18 March through 11 November). As specified in the approved Restoration Plan, data are collected from three automated and three manual groundwater gauges. The Restoration Plan further specified that in order for the hydrologic data to be considered successful it must be demonstrated that precipitation is either within or below normal limits. Two reference gauges were installed along Haw Branch downstream of the restoration area.

3.2 DESCRIPTION OF HYDROLOGY MONITORING EFFORTS

Seven automated HOBO groundwater gauges were installed in February of 2008 to replace and supplement the existing 3 automated Infinities gauges and the 3 manual groundwater gauges that were installed before the beginning of the 2006 growing season. In addition, two manual stream crest gauges were installed during that same year on reaches UT1B and UT3 (**Figure 3**). An additional Infinities groundwater gauge was installed at the site for the 2007 growing season, but was subsequently replaced with a HOBO gauge in early 2008. 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 the crest gauges are read and rainfall totals are collected from the on-site rain gauge. The hydrologic monitoring data are presented in **Appendix C**.

Automated Gauges

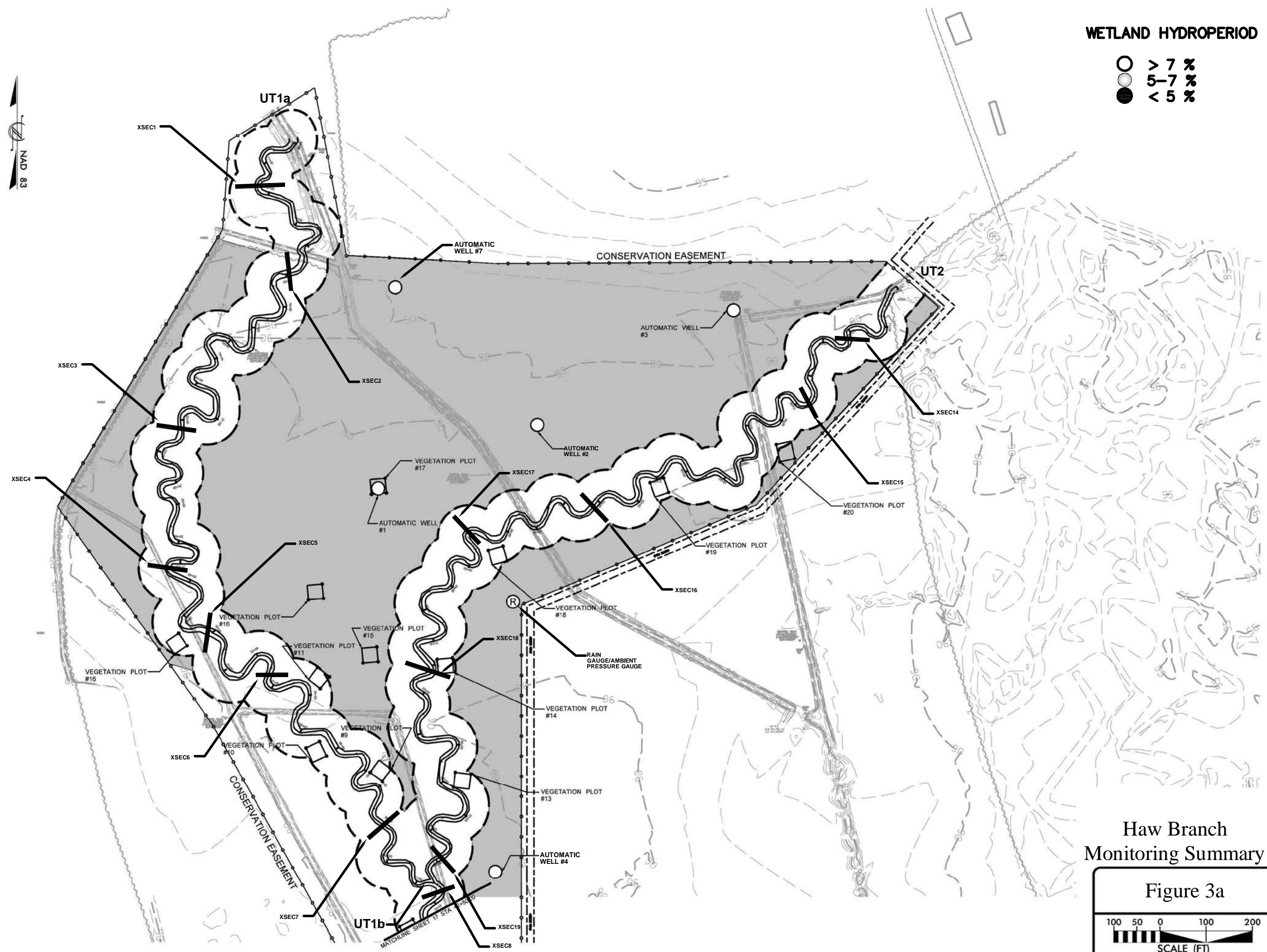
Automatic groundwater gauges record water table elevations four times a day at 06:00, 12:00, 18:00 and 24:00 (every six hours). HOBO gauges employ pressure sensors that record water depth above the bottom of the sensor (with a separate ambient gauge located somewhere on site for comparison purposes). Each HOBO gauge is housed inside of a 2" diameter PVC casing which extends a minimum of 36" below the soil surface. This well also acts as 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 then used to determine wetland hydroperiods.

Data Interpretation

Wetland hydroperiods are calculated from water table depth recordings that are taken four times a day. A wetland hydroperiod is defined as when the water table is equal to or less than 12 inches below ground surface for at least 24 hours. If a water table falls below 12 inches for three consecutive readings (12 hours) then the wetland hydroperiod ends at the last reading within 12 inches. If a water table falls below -12 inches for only one of the readings then maintains a reading above -12 inches for a minimum of 24 hours then the wetland hydroperiod is calculated continuously. This methodology accounts for minor technical malfunctions occasionally experienced by the automatic gauges.

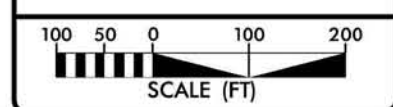
WETLAND HYDROPERIOD

- > 7 %
- ◐ 5-7 %
- < 5 %

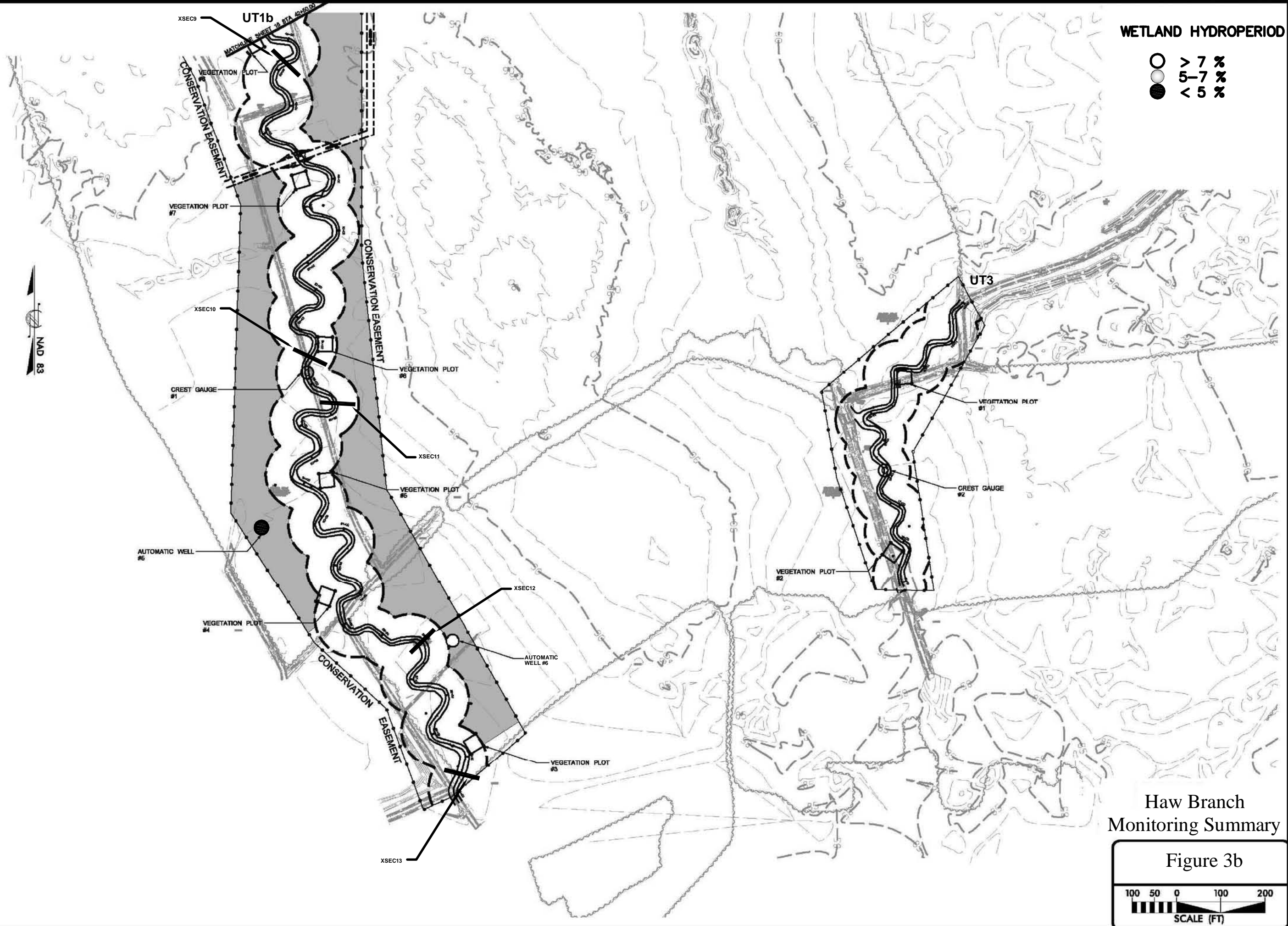
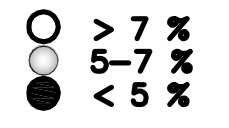


Haw Branch
Monitoring Summary

Figure 3a

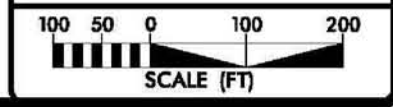


WETLAND HYDROPERIOD



Haw Branch
Monitoring Summary

Figure 3b

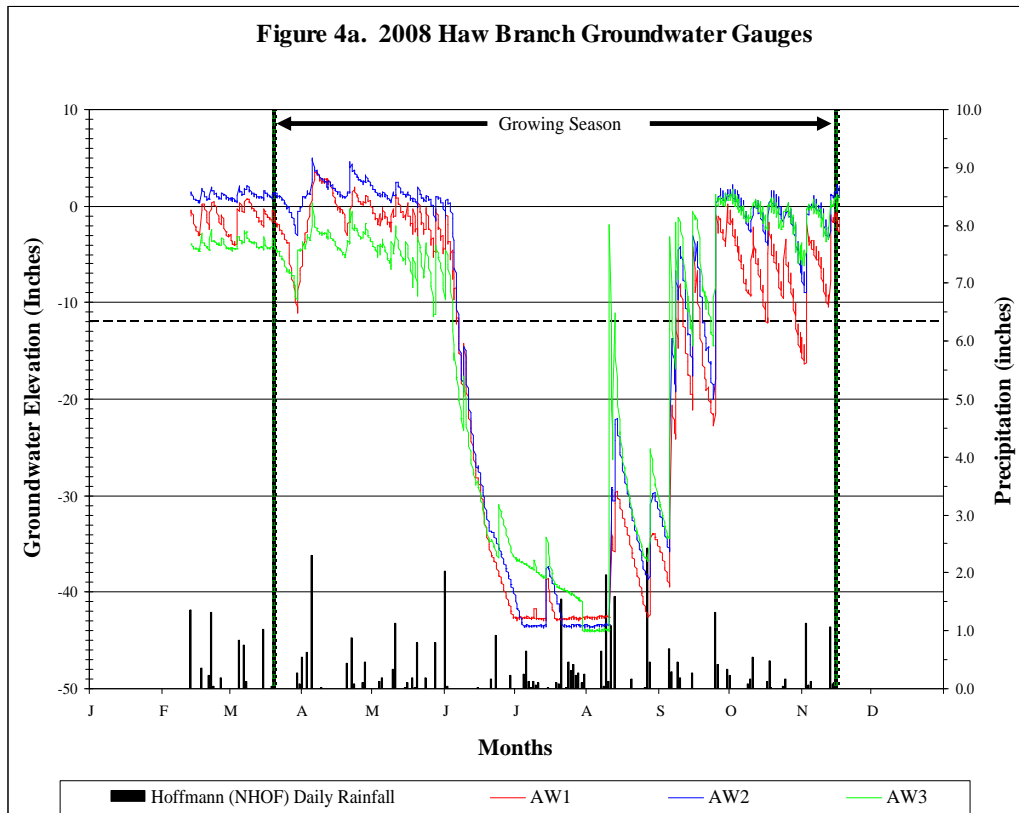


3.3 RESULTS OF HYDROLOGY MONITORING

3.3.1 Site Data

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 4**. **Figure 4** provides charts of the water depth for each of the monitoring gauges on the site. Raw hydrograph data collected from the monitoring gauges are provided in **Appendix C**.

Figure 4. Groundwater Hydrographs



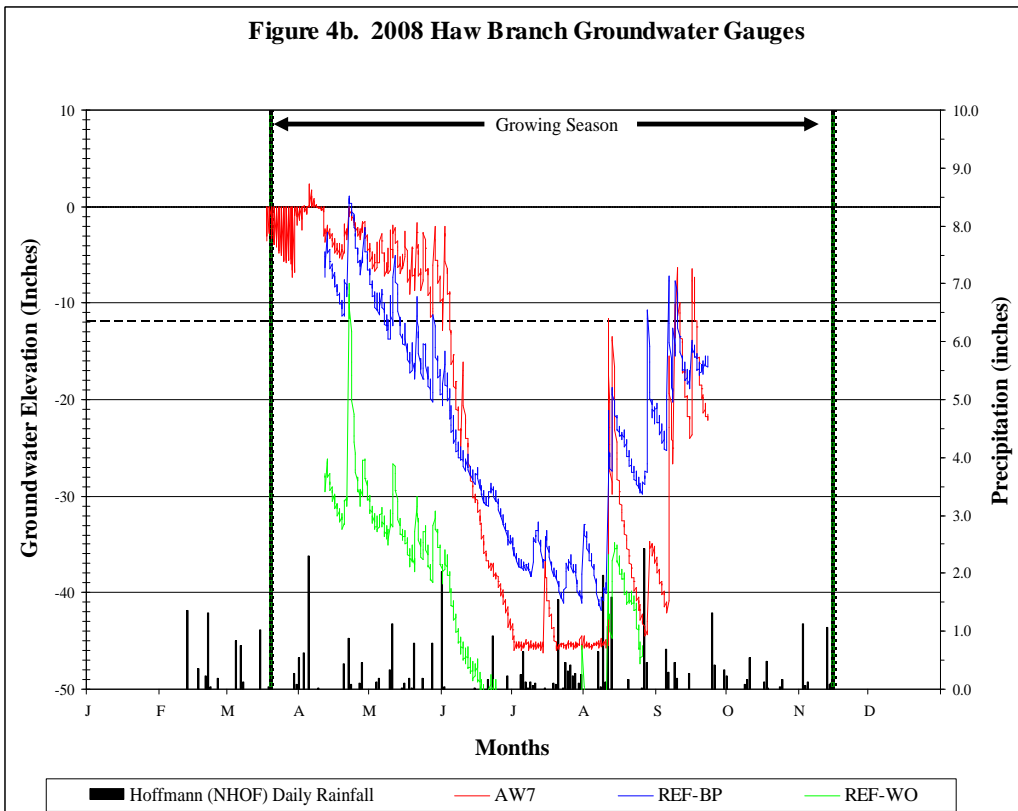
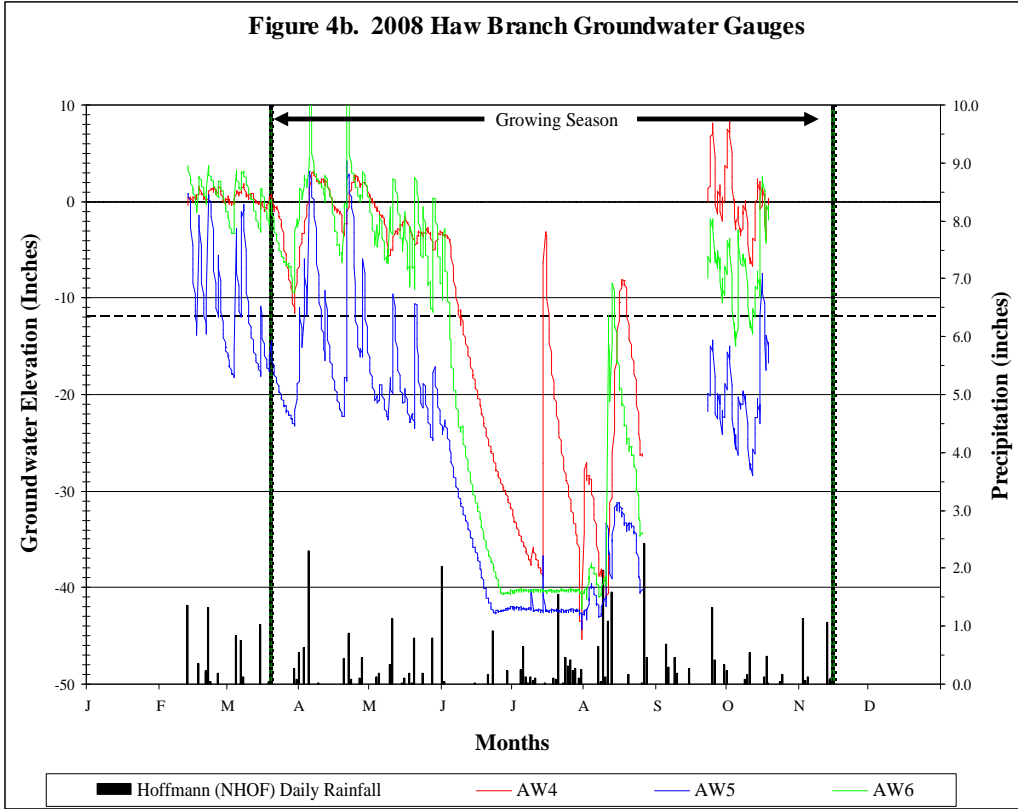


Table 4. Hydrologic Monitoring Results

2008 Max Hydroperiod (Growing Season 20-Mar through 15-Nov, 241 days)					
Gauge	Consecutive		Cumulative		Occurrences
	Days	Percent of growing Season	Days	Percent of growing Season	
AW1	82	33.8	136	56.2	5
AW2	82	33.8	144	59.5	4
AW3	79	32.6	148	61.5	5
AW4	85	35.1	118	48.9	4
AW5	8	3.1	17	7.0	7
AW6	79	32.7	103	42.6	5
AW7	78	32.5	82	34.1	3
Reference Gauges					
RAW1	26	10.6	33	13.7	6
RAW2	1	0.4	1	0.4	1

Years 1 through 3 monitoring data demonstrate that most of the site is functioning as designed, with varying degrees of wetness and saturation across the site. Six gauges, AW1, AW2, AW3, AW4 and AW6, meet or exceed the 7% hydrologic success criteria for the 2008 growing season. In 2008 all gauges, with the exception of AW5, recorded hydroperiods far greater than the specified success criteria, the least of which recorded a growing season of 32.5 percent. AW5 has recorded a shorter than desired hydroperiod during all three years. AW5 achieved a 7% hydroperiod at a minimum depth of 19 inches below ground elevation.

3.3.2 Reference Data

The approved Restoration Plan provides that if the rainfall data for any given year during the monitoring period is not normal, the reference wetland data can be used to determine if there is a positive correlation between the performance of the restoration site and the natural hydrology of the reference site. The Haw Branch reference wells are located just a few miles south of the restoration site on Dell Brock Rd. The reference data indicate that the restoration area is exceeded reference hydrology.

3.3.3 Climate Data

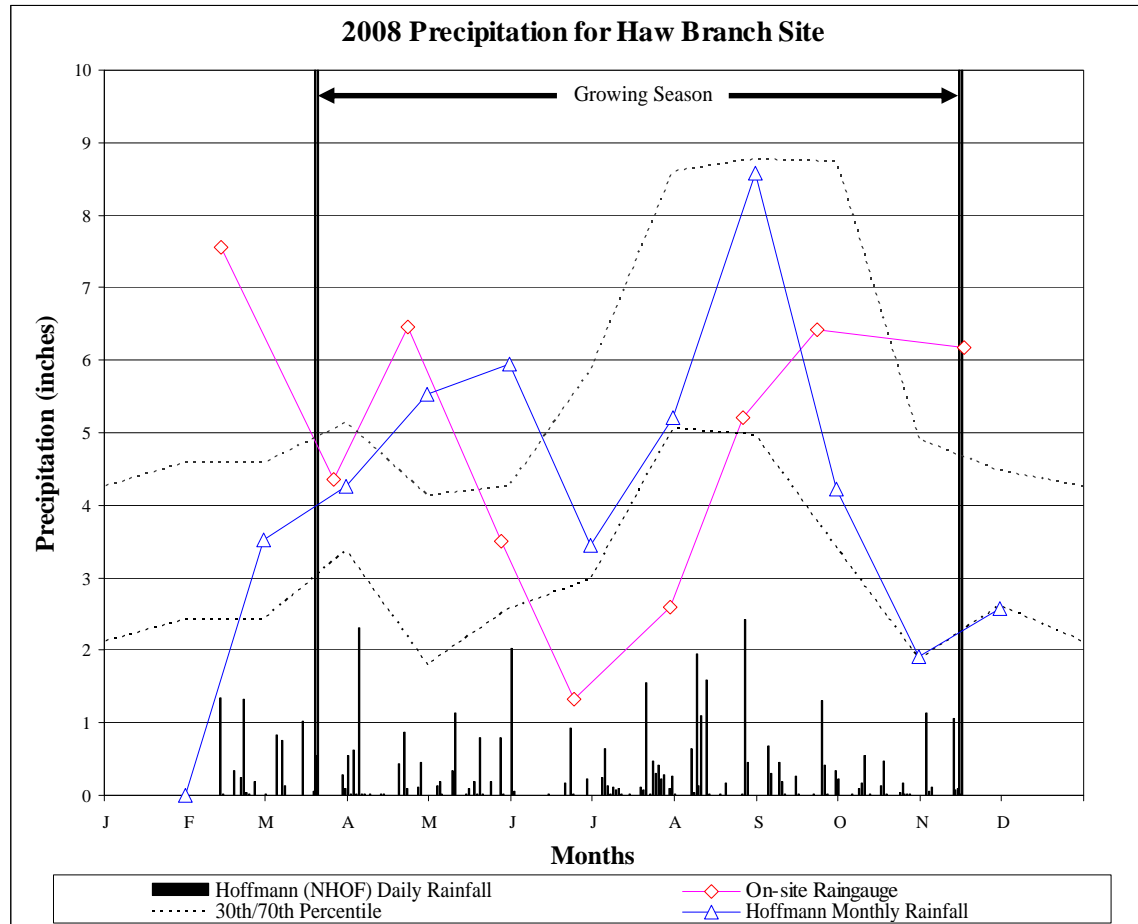
Comparisons of the 2008 monthly rainfall totals to historical precipitation for Jones County are shown in **Table 5** and **Figure 6**. Monthly rainfall recordings are on-site and the daily rainfall readings are from a Hoffmann Forest weather station in Onslow County. No on-site rain gauge data was collected for the month of January. The rainfall total from the Hoffmann gauge was slightly below normal limits in February, March, June, July, and September. The on-site gauge was also just slightly below normal limits for March, May, June, July, August, and September. Based on data collected from the Hoffman Forest Weather Station compared to the average monthly rainfall, the total rainfall deficit for the site was 17.27 inches.

Table 5. Comparison of Normal Rainfall to Observed Rainfall

Month	Average	Normal Limits		Trenton Precipitation	On-Site Precipitation
		30 Percent	70 Percent		
January	5.17	4	6.13	0.00	---
February	4.16	2.43	4.59	3.52	7.55
March	4.64	3.37	5.14	4.26	4.36
April	3.15	1.79	4.12	5.53	6.45
May	3.67	2.58	4.27	5.94	3.50
June	4.95	2.98	5.86	3.44	1.32
July	7.22	5.06	8.6	5.20	2.60
August	7.55	4.97	8.77	8.58	5.20
September	6.77	3.4	8.74	4.23	6.42
October	3.70	1.88	4.9	1.92	6.18
November	3.67	2.61	4.47	2.58	---
December	3.32	2.13	4.26	---	---
Total	57.97	37.2	69.85	45.2	43.58

October on-site rainfall data includes data collected through the end of the growing season (Nov. 15th)

Figure 5. 2008 Rainfall



3.4 HYDROLOGIC CONCLUSIONS

A portion of the southeastern corner of the Haw Branch mitigation site is not performing as well as expected. AW5 has consistently recorded hydroperiods that fall short of the success criteria. At the beginning of 2007, a shorter well (18 inches deep) was installed at AW5 to determine if a deep sand lens was draining water from the well. Based on further evaluation, it is likely that due to the close proximity of a deep drainage ditch to the east of the well and outside of the easement area, the water table is lower than anticipated in this portion of the mitigation site.

4.0 VEGETATION

4.1 VEGETATION SUCCESS CRITERIA

The interim measure of vegetative success for the Haw Branch Mitigation Plan is 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 is 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 invaders. Remedial action may be required should these (i.e. loblolly pine (*Pinus taeda*), red maple (*Acer rubrum*), sweet gum (*Liquidambar styraciflua*), etc.) present a problem and exceed 20 percent composition. Nine tree species were planted in the Wetland Restoration Area (Table 6).

Table 6. Planted Tree Species

ID	Common Name	Scientific Name	FAC Status
1	Swamp Chestnut Oak	<i>Quercus michauxii</i>	FACW-
2	Coastal Willow Oak	<i>Quercus phellos</i>	FACW-
3	River Birch	<i>Betula nigra</i>	FACW
4	Green Ash	<i>Fraxinus pennsylvanica</i>	FACW
5	Overcup Oak	<i>Quercus lyrata</i>	OBL
6	Sugar Berry	<i>Celtis laevigata</i>	FACW
7	Swamp Tupelo	<i>Nyssa biflora</i>	OBL
8	Bald Cypress	<i>Taxodium distichum</i>	OBL
9	Sycamore	<i>Platanus occidentalis</i>	FACW-

4.2 DESCRIPTION OF SPECIES AND VEGETATION MONITORING

The following monitoring protocol was designed to predict vegetative survivability. Twenty plots were established on the Haw Branch Site, to monitor approximately 2 percent of the site. Sixteen plots are located adjacent to newly constructed streambeds to monitor the vegetation in the stream restoration buffer. The other four plots are randomly located to represent the range of conditions that exist on the site. The plots were randomly located within each zone and randomly oriented within the wetland restoration area.

Plot construction consist of metal fence posts at each of the four corners to clearly and permanently establish the area to be sampled. Ropes were hung connecting all four corners to help in determining if trees close to the plot boundary were inside or outside of the plot. Trees on and just outside of the boundary that appear to have greater than 50 percent of their canopy inside the boundary were counted inside the plot. A piece of white PVC pipe ten feet tall was placed over the metal post on one corner to facilitate visual location of plots throughout the five-year monitoring period. All of the planted stems inside the plot were flagged with orange flagging and

marked with a 3 foot tall piece of half inch PVC to mark them as the planted stems (vs. colonizers) and to help locate them in the future. Each stem is tagged with a permanent numbered aluminum tag.

4.3 RESULTS OF VEGETATION MONITORING

The following tables present stem counts for each monitoring plot. Each planted tree species is identified across the top row, and each plot is identified down the left column. The numbers on the top row correlate to the ID column of the previous table. Trees are flagged in the field on an as need basis before the flags degrade. Flags are utilized, because they will not interfere with the growth of the tree. Volunteers are also flagged during this process. Annual variation in stem count data can be attributed to mortality and regeneration from root stock of stems previously assessed to be dead.

Table 7. Results of Vegetation Monitoring

Plot	Species									Total	Stem per Acre
	1	2	3	4	5	6	7	8	9		
1	4	0	9	0	2	2	0	0	0	17	680
2	3	0	0	0	1	0	0	0	9	13	520
3	3	2	2	0	4	4	0	0	4	19	760
4	3	2	2	0	4	0	0	2	0	13	520
5	0	0	8	1	4	0	4	0	0	17	680
6	0	0	3	4	5	1	2	1	0	16	640
7	1	1	9	0	2	0	1	0	0	14	560
8	4	0	0	0	2	3	5	0	0	14	560
9	0	0	1	2	5	6	3	0	0	17	680
10	4	0	1	1	3	1	4	3	0	17	680
11	0	0	5	3	2	2	3	2	0	17	680
12	0	0	5	0	5	1	2	2	2	17	680
13	0	0	4	0	1	5	7	0	0	17	680
14	1	0	0	7	2	5	0	0	0	15	600
15	4	2	1	1	4	4	1	0	1	18	720
16	2	2	3	0	4	1	3	0	2	17	680
17	2	0	1	0	6	0	5	0	1	15	600
18	5	6	4	0	1	0	0	0	0	16	640
19	5	0	4	0	4	1	0	0	3	17	680
20	0	0	1	0	16	0	0	0	0	17	680

Average Stems per Acre: 646

Range of Stems per Acre: 520-760

Volunteer species will also be monitored throughout the five-year monitoring period (**Table 8**). Volunteer woody species were observed in most all of the vegetation plots especially in and around Plot 4, but were deemed too small to tally. If these trees persist into the next growing season, they will be flagged and added to the overall stems per acre assessment of the site. Sweetgum (*Liquidambar styraciflua*) is the most common volunteer, though red maple (*Acer rubrum*) and river birch (*Betula nigra*) were also observed.

Table 8. Volunteer Tree Species within the Wetland Restoration Area

ID	Scientific Name	Common Name	FAC Status
A	<i>Liquidambar styraciflua</i>	Sweetgum	FAC+
B	<i>Acer rubrum</i>	Red Maple	FAC
C	<i>Betula nigra</i>	River Birch	FACW

4.4 VEGETATION OBSERVATIONS & CONCLUSIONS

The site was planted in coastal plain small stream swamp species in December 2005. There were twenty vegetation-monitoring plots established throughout the planting areas. The data for 2008 documents that the site has achieved the initial success criteria of 320 trees per acre by the end of year three and is on track to meet the final success criteria of 260 trees per acre by the end of year five.

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 are present on the site. An application of Oust, a pre-emergent herbicide, was applied to try and give the planted stems an edge on the growth potential at the start of the spring. This practice seemed to have been successful as there is ample ground cover across the site and the trees seem to be growing very well. Hydrophytic herbaceous vegetation, including rush (*Juncus effusus*), spike-rush (*Eleocharis obtusa*), climbing hempweed (*Mikania scandens*) and sedge (*Carex spp.*), are observed across the site, particularly in areas of periodic inundation. The presence of these herbaceous wetland plants helps to confirm the presence of wetland hydrology on the site.

There are quite a few weedy species occurring on the site, though none seem to be posing any problems for the woody or herbaceous hydrophytic vegetation. Broomsedge (*Andropogon spp.*), dogfennel (*Eupatorium capillifolium*), wild dill (*Foeniculum vulgare*), and goldenrod (*Solidago spp.*) were observed on site. The weedy species seem to pose very little threat to survivability on site.

5.0 STREAM MONITORING

5.1 STREAM SUCCESS CRITERIA

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

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

5.2 STREAM MORPHOLOGY MONITORING PLAN

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

5.2.1 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 21 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 2008 (Year 3) were surveyed in August 2008.

5.2.2 Longitudinal Profile

A longitudinal profile of approximately 3,000 feet was surveyed in 2008 along the restoration reach. Measurements include thalweg, water surface, bankfull, and top of low bank. Each of these measurements is taken at the head of each feature, e.g. riffle, run, pool, and glide, and the max pool depth. A common benchmark is used each year to facilitate comparison of year-to-year data. The longitudinal survey for 2008 (Year 3) was conducted in August 2008.

5.2.3 Hydrology

Two crest gauges were installed on the site to document bankfull events (**Figure 3**). The gauges are checked monthly and the highest out-of-bank flow event that occurred during the past month is recorded.

5.2.4 Photo Reference Stations

Photographs are used to visually document restoration success. Reference stations are marked with wooden stakes and Global Positioning Satellite (GPS) coordinates have been determined for each location. 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. In-stream structures (e.g., rock vanes, cross vanes, and constructed riffles) that can be located are also photographed. Photo reference stations will be photographed at least once per year for at least 5 years following construction.

5.3 STREAM MORPHOLOGY MONITORING RESULTS

Permanent cross sections for 2008 (Year 3) were surveyed in August 2008. During 2008, bankfull events on the site were documented during at least four site visits at CG2 and once at CG1 (**Table 9**). The largest stream flow documented by the UT3 CG2 crest gauge was a flow that occurred during April and was approximately 1.15 feet above the bankfull stage at the crest gauge. The stream flow documented by the UT1B CG1 crest gauge also occurred during April and was approximately 0.75 feet above the bankfull stage. Additional stream monitoring data is provided in **Appendix B**.

5.3.1 Cross Sections

Year 3 cross-section monitoring data for stream stability were collected during August 2008 and were compared to baseline data collected in early 2006 as well as data collected during the two previous monitoring seasons. The Year 3 cross-section survey shows that there has been very little adjustment to stream profile or dimension since construction. All monitored cross-sections fell within the quantitative parameters defined for "E" or "C" type channels. Cross sections with photographs can be viewed in **Appendix B**.

5.3.2 Longitudinal Profile

In-stream structures installed within the restored stream include 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. Log weirs placed in riffle areas have maintained riffle elevations and provided a downstream scour hole that provides habitat. Some minor areas of localized erosion have been observed and will be monitored over the coming years to determine whether maintenance action is needed. All structural problem areas are minor and localized, and no corrective actions are recommended at this time. **Table 9** provides a summary of areas requiring continued observation, and their locations are shown on **Figures 6a and 6b**.

Table 9. Stream Areas Requiring Observation

ID	Station	Feature	Problem
1	UT 1A	38+60	Log vane undercutting
2	UT 1B	45+00	Cattails in channel
3	UT 1B	68+85	Log vane undercutting
4	UT 2	29+45	Right bank erosion
5	UT 2	33+00	Log vane exposed on top of right bank
6	UT 2	Throughtout	Floodplain vegetation sparse
7	UT 3	16+75	Erosion on both banks at log weir

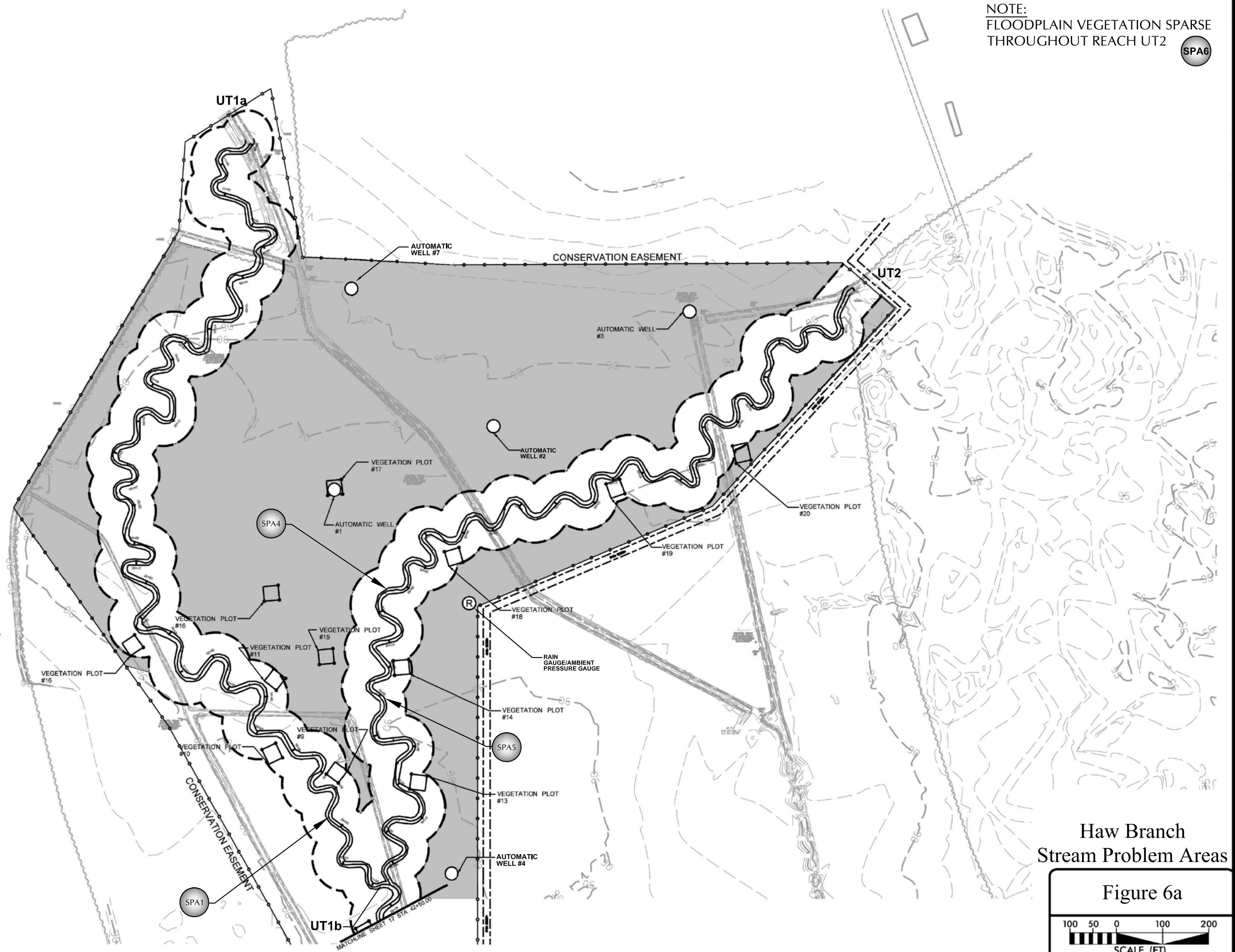
During the 2008 monitoring year, one bankfull on Crest-Gauge 1 and four bankfull events on Crest-Gauge 2 the site were documented during site visits (**Table 10**). The largest stream flow recorded was on Crest-Gauge 2 at 1.15 feet above bankfull elevation in April 2008. The profile survey indicated little change to channel dimensions (**Table 11; Appendix B**).

Table 10. Crest Gauge Data

Month Recorded	Crest Gauge 1 (ft)	Crest Gauge 2 (ft)
January	---	---
February	0.00	0.00
March	0.00	0.00
April	0.75	1.15
May	0.00	0.00
June	0.00	0.40
July	0.00	0.00
August	0.00	0.30
September	0.00	0.20
October	0.00	0.30
November	---	---
December	---	---

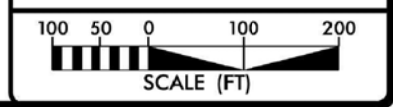
NOTE:
FLOODPLAIN VEGETATION SPARSE
THROUGHOUT REACH UT2

SPA6



Haw Branch
Stream Problem Areas

Figure 6a





Haw Branch
Stream Problem Areas

Figure 6b

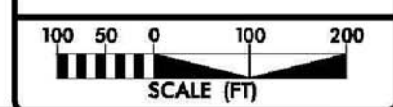


Table 11. Summary of Morphologic Monitoring Parameters

Parameter	Year 3 Reach 1A	Year 3 Reach 1B	Year 3 Reach 2	Year 3 Reach 3
Bankfull Cross-sectional Area, Abkf (sq ft)	8.9	7.7	6.8	6.4
Avg. Bankfull Width, Wbkf (ft)	12.8	11.4	12.6	10.5
Bankfull W/D	19	16.6	22.9	17.5
Bankfull Mean Depth, Dbkf (ft)	0.8	0.7	0.6	0.6
Bankfull Max Depth, Dmax (ft)	1.2	1.2	0.9	1.5

5.4 STREAM CONCLUSIONS

Overall the Haw Branch stream is performing as designed. Cross section data indicates that little change has occurred since the stream was built. Four bankfull events occurred at the site in 2008. Problem areas are minimal and localized, and no corrective actions are recommended at this time. It was concluded that the site is on track to achieve the success criteria specified in the Restoration Plan for the site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

- The first three years of hydrologic monitoring documents that the majority of the site is on track to achieve the wetland hydrology criteria specified in the Restoration Plan for the site. In 2008, six of the seven gauges recorded hydroperiods far greater than the specified success criteria. The remaining gauge exhibited a hydroperiod for a portion of the growing season.
- The restored stream channel has remained stable and is providing the intended habitat and hydrologic functions. Multiple bankfull events were again recorded at the site in 2008. All monitoring cross sections showed very little adjustment in stream dimension and the site is on track to achieve the stream success criteria specified in the Restoration Plan for the site.
- Vegetation monitoring efforts have calculated the average number of stems per acre on site to be 646, which is a survival rate of greater than 93 percent based on the initial planting count of 688.4 stems per acre. The initial vegetation success criteria have been met and the site is on track to meet the final vegetation success criteria.
- Vegetation, hydrologic and stream monitoring will continue through 2010.

APPENDIX A

As-Built Survey

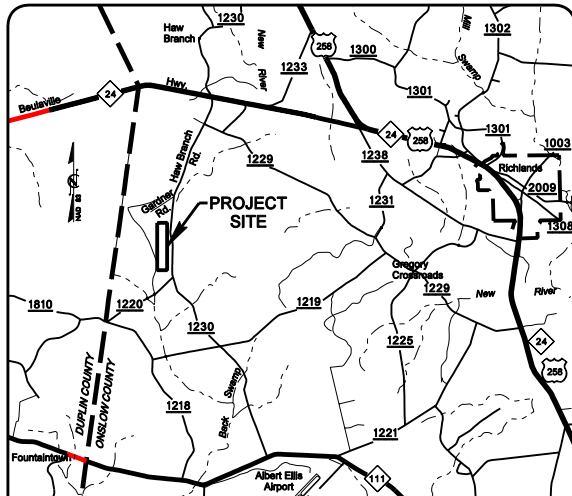
PROJECT: 0211R HAW BRANCH

EBX NEUSE I, LLC
HAW BRANCH

ONSLOW COUNTY

LOCATION: SOUTH OF TOWN OF HAW BRANCH
ALONG SR 1230

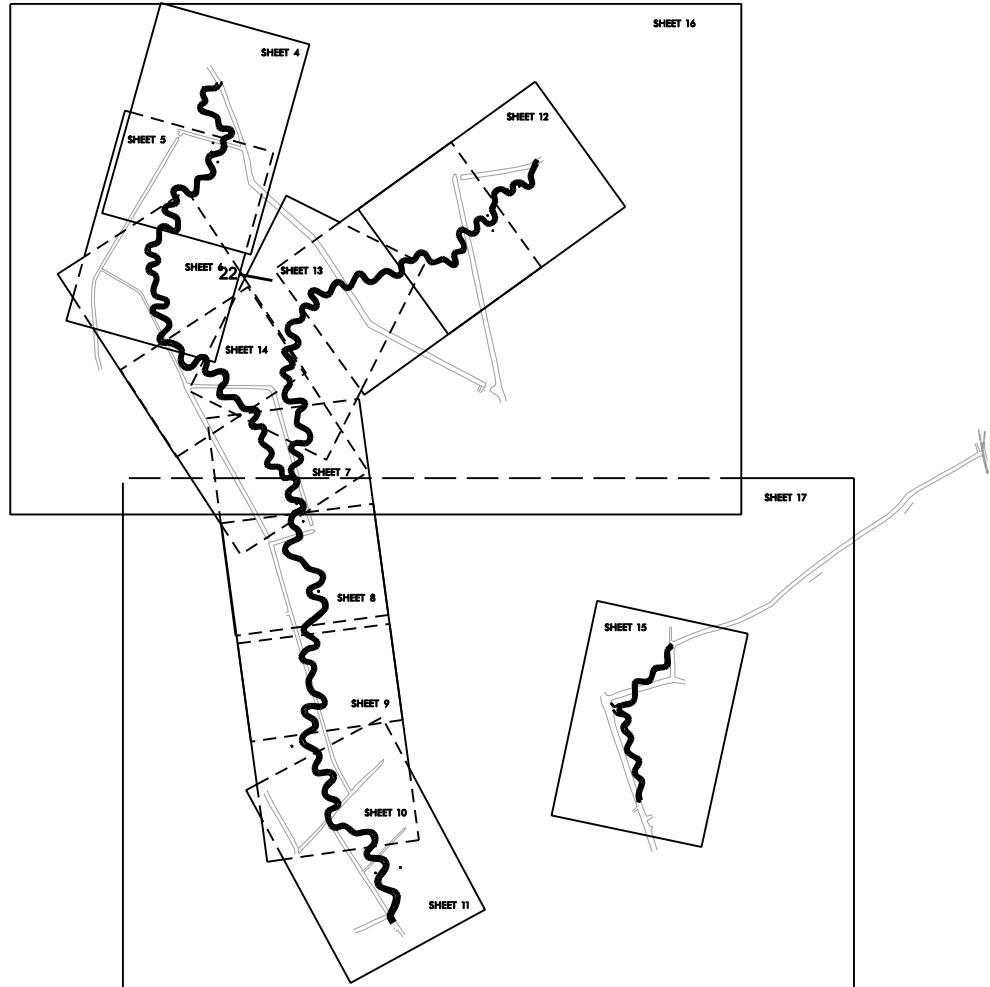
TYPE OF WORK: AS-BUILT PLANS



VICINITY MAP

INDEX OF SHEETS

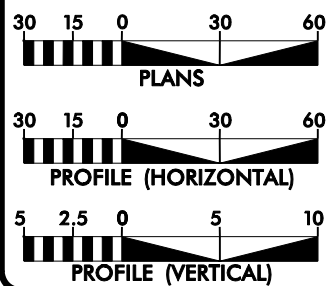
- 1 TITLE SHEET
- 1-A STREAM CONVENTIONAL SYMBOLS
GENERAL NOTES, STANDARD
SPECIFICATIONS, AND
VEGETATION SELECTION
- 1-B CONVENTIONAL SYMBOLS
- 2 TO 2-B TYPICAL POOL AND
RIFFLE CROSS SECTIONS,
STRUCTURE DETAILS
- 4 TO 15 PLAN VIEW OF PROPOSED AND
EXISTING STREAM DESIGN
- 16 TO 17 WETLAND OVERVIEW



STATE	BUCK PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	0211R	1	32
NO.	DATE	CHECKED BY	APPROVED BY
1	2/16/06	JOHN HUTTON	KEVIN TWEEDY



GRAPHIC SCALES

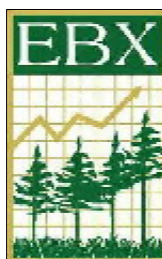


DESIGN SUMMARY

EXISTING STREAM LENGTH = 4,370 FEET
 AS-BUILT STREAM LENGTH = 10,005 FEET

 AS-BUILT RIVERINE WETLAND RESTORATION = 25.0 ACRES

PREPARED FOR THE OFFICE OF:
EBX NEUSE I, LLC



2530 MERIDIAN PARKWAY, SUITE 200
DURHAM, NORTH CAROLINA 27713

EBX CONTACT:
THOMAS L. RINKER
PROJECT MANAGER

PREPARED IN THE OFFICE OF:



December 2005
COMPLETION DATE:

KEVIN TWEEDY, PE
PROJECT ENGINEER

JOHN HUTTON
PROJECT MANAGER

PROJECT ENGINEER

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CONSTRUCTION SEQUENCE

General Construction Sequence

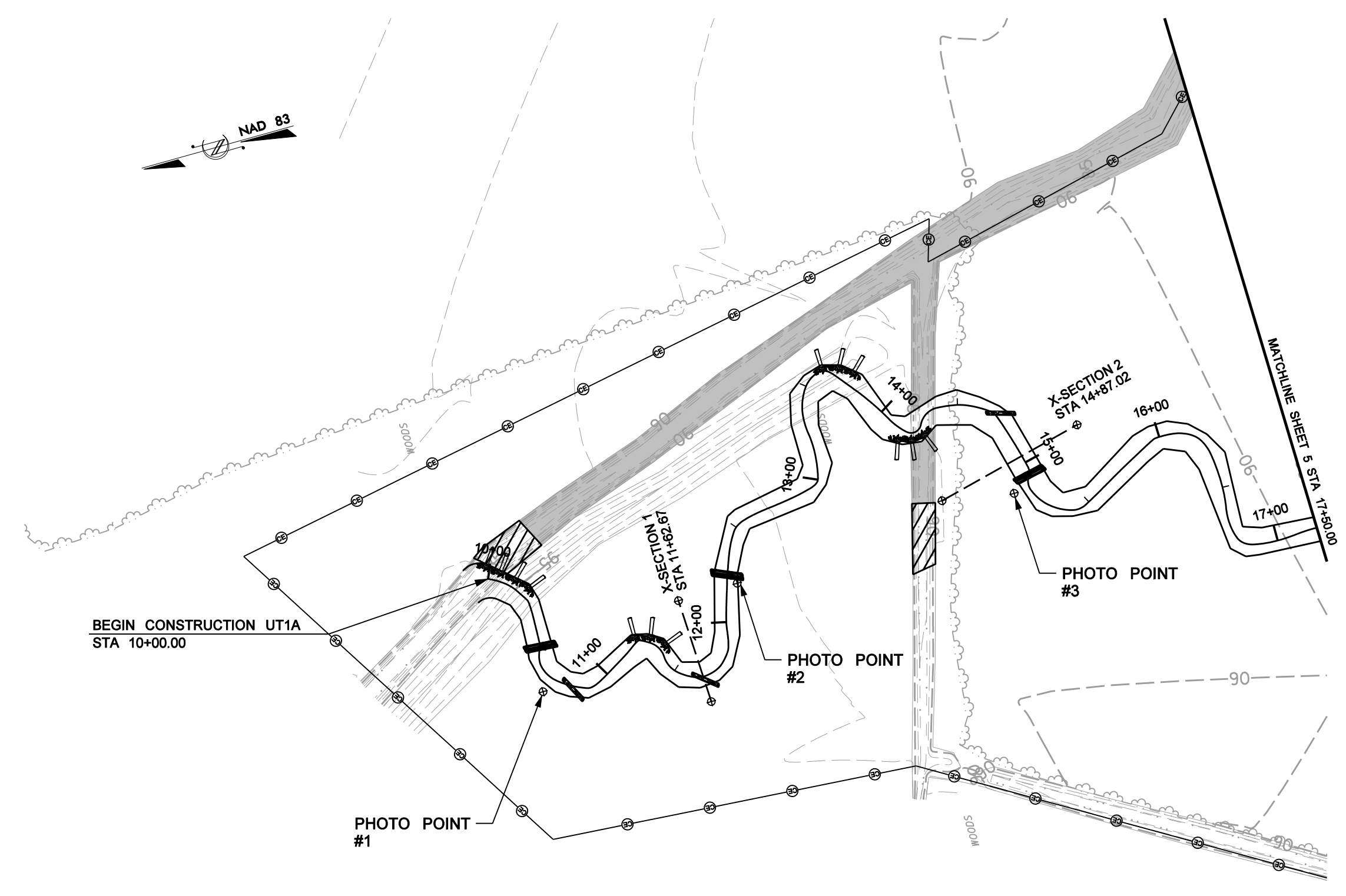
The following construction sequence shall be used during implementation of the mitigation plan.

1. Onsite meeting with personnel from State Land Quality Section.
2. The Contractor will prepare construction accesses and stockpile areas as shown in the plans. If necessary, erect any safety fences, silt fences, or barriers. Stockpile materials that will be needed during the initial stages of construction.
3. The Contractor shall maintain and use existing culverted stream crossings during the initial stages of construction. The Contractor shall prepare stream crossings at locations shown on the construction plans in accordance with the NC Erosion and Sediment Control Planning and Design Manual. Ditches and stream reaches on site will be left open during the initial stages of construction to allow for drainage and to keep site accessible.
4. Construction traffic shall be restricted to the area denoted as "Limits of Disturbance" on the construction plans.
5. The Contractor will begin by excavating floodplain areas to design grades in all areas except within 10 feet of the top of existing stream banks. The Contractor may fill ditches which do not contain any water during the grading operations. Along ditches with water or stream reaches, excavated material should be stockpiled in areas shown on the plans. In any areas where excavation depths will exceed 1.0 foot, topsoil shall be stockpiled and placed back over these areas to a depth of eight inches to achieve design grades and create a soil base for vegetation.
6. Contractor shall begin construction on each stream reach and complete that stream reach before moving to the next stream. Excavation of new stream channels shall begin on the downstream end and work upstream to allow for drainage. The new channel sections shall be left open on the downstream end to allow for drainage during rain events. A temporary sediment trap shall be installed at the downstream end.
7. The most southern end of Reach UT1 shall be constructed first. This section requires the use of a temporary pump-around operation as noted on the plans. The Contractor shall install temporary coffer dams and pump around operations for these sections. The portion of the channel isolated shall be dewatered and the removed water shall flow through a special stilling basin according to project special provisions.
8. Once UT1 is completed, construction of UT2 will begin.
9. Contractor shall excavate new channel sections in the dry. When new channel sections cross existing ditches and streams, the Contractor may excavate to within 10 feet of the existing channels, but Contractor shall not disturb existing channels until all other sections of the new channel have been constructed and stabilized.
10. Once an excavated section of channel has been constructed to design grades and approved by the Engineer, in-stream structures, matting and transplants shall be placed in that section per the direction of the Engineer and the channel made ready to accept water from the old channel.
11. Upon completion of UT1 and UT2, Contractor shall begin construction of UT3
12. Contractor shall begin Reach UT3 by excavating floodplain bench areas to design grades. Excavated material will be used to construct the access road along Reach UT2.
13. Once the new floodplain of UT3 has been excavated, Contractor shall begin excavating the new stream channel. When new channel section crosses the existing stream, the Contractor may excavate to within 10 feet of the existing channels, but Contractor shall not disturb the existing channel until all other sections of the new channel have been constructed and stabilized.
14. Disking and roughing of field areas adjacent to the stream channel shall be completed prior to turning water into the new stream channel segments. Disking shall not be performed within 10 feet of the new stream channel banks. The Contractor shall NOT disk or rough any areas where excavation activities have not been completed.
15. Once the new channels have been accepted by the Engineer, the temporary sediment trap at the downstream end shall be removed. Water from the old channel stream channel may then be turned into the new stream channel. Apply stabilization practices to the area where the water was turned, and immediately begin filling the old abandoned stream channels.
16. Excavate any new ditches shown on the plans to design elevations, per the direction of the Engineer.
17. Once a section of new channel has been completed, the Contractor will apply temporary seeding, permanent seeding, and mulch to that area as designated in the plans and specifications. Permanent seeding mixtures shall be applied as shown on the vegetation plan. Temporary seeding shall be applied in all areas susceptible to erosion (i.e. disturbed ditch banks, steep slopes, and spoil areas) such that ground cover is established within 15 working days or 30 calendar days, whichever is shorter, following completion of any phase of grading. Permanent ground cover shall be established for all disturbed areas within 15 working days or 90 calendar days (whichever is shorter) following completion of construction.
18. The Contractor shall insure that the site is free of trash and leftover materials prior to demobilization of equipment from the site.
19. Plant woody vegetation according to planting details and specifications. Planting of woody vegetation should only occur during winter or early spring.

CONSTRUCTION QUANTITIES

Item #	Description	Quantity	Unit
A			
B			
C	Mobilization / Demobilization	1	LS
D	Temporary Silt Fence	4,056	LF
E	Sand Bags	N/A	EA
F.1	Temporary Seeding	1,077	POUNDS
F.2	Straw Mulch	194	BALE
F.3	Excelsior Matting	N/A	SY
F.4	Lime	N/A	TON
F.5	Fertilizer	N/A	TON
G.1	Permanent Seeding (wetlands)	830	POUNDS
G.2	Permanent Seeding (access road)	N/A	POUNDS
H.1	Excavation, Fill and Grading	20,000	CY
H.2	Backfill	N/A	CY
H.3	Off-Site Soil Disposal	N/A	CY
H.4	Roughing of Soil Surface	48	ACRES
H.5	Clearing	2	ACRES
H.6	Grubbing	0.5	ACRES
I.1	Washed No. 57 Stone	40	TON
I.2	Stone, Class A	66	TON
I.3	Stone, Class B	117	TON
I.4	Class A/B Stone	N/A	TON
I.5	ABC Stone (crusher run)	N/A	TON
I.6	Boulders	N/A	TON
I.7	Class II	2	TON
J.1	Root Wads (on-site)	190	EA
J.2	Root Wads (off-site)	N/A	EA
J.3	Logs (15-30 ft)	N/A	EA
J.4	Logs (8-15 ft)	111	EA
K	Non woven Filter Fabric, Type II	720	SY
L.1	Temporary Culvert - 36" CSP	60	LF
L.2	Permanent Culvert - 48" CSP	30	LF
L.3	Permanent Culvert - "	N/A	LF
L.4	Corrugated Pipe	N/A	LF
M	Coconut Fiber (COIR) Matting	16,690	SY
N.1	Shrub and Tree Transplants	1,000	SY
N.2	Sod Mats	N/A	SY
O.1	Live Stakes	8,925	STEMS
O.2	Cutting Bundles	N/A	EA
P	Pump Around Operations	1	LS
Q	Special Stilling Basins	3	EA
R	Impervious Dikes	48	LF
S.1	Fencing	N/A	LF
S.2	Large Gates	N/A	EA
S.3	Walk Gates	N/A	EA
T.1	Tree Purchase	N/A	STEMS
T.2	Tree Planting	32,460	STEMS
U	Waste Disposal	N/A	LS

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BEGIN CONSTRUCTION UT1A
 STA 10+00.00

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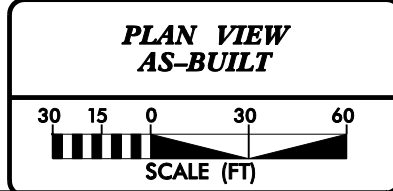
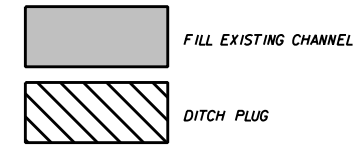
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X-SECTION 2
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MATCHLINE SHEET 5
 STA 17+50.00



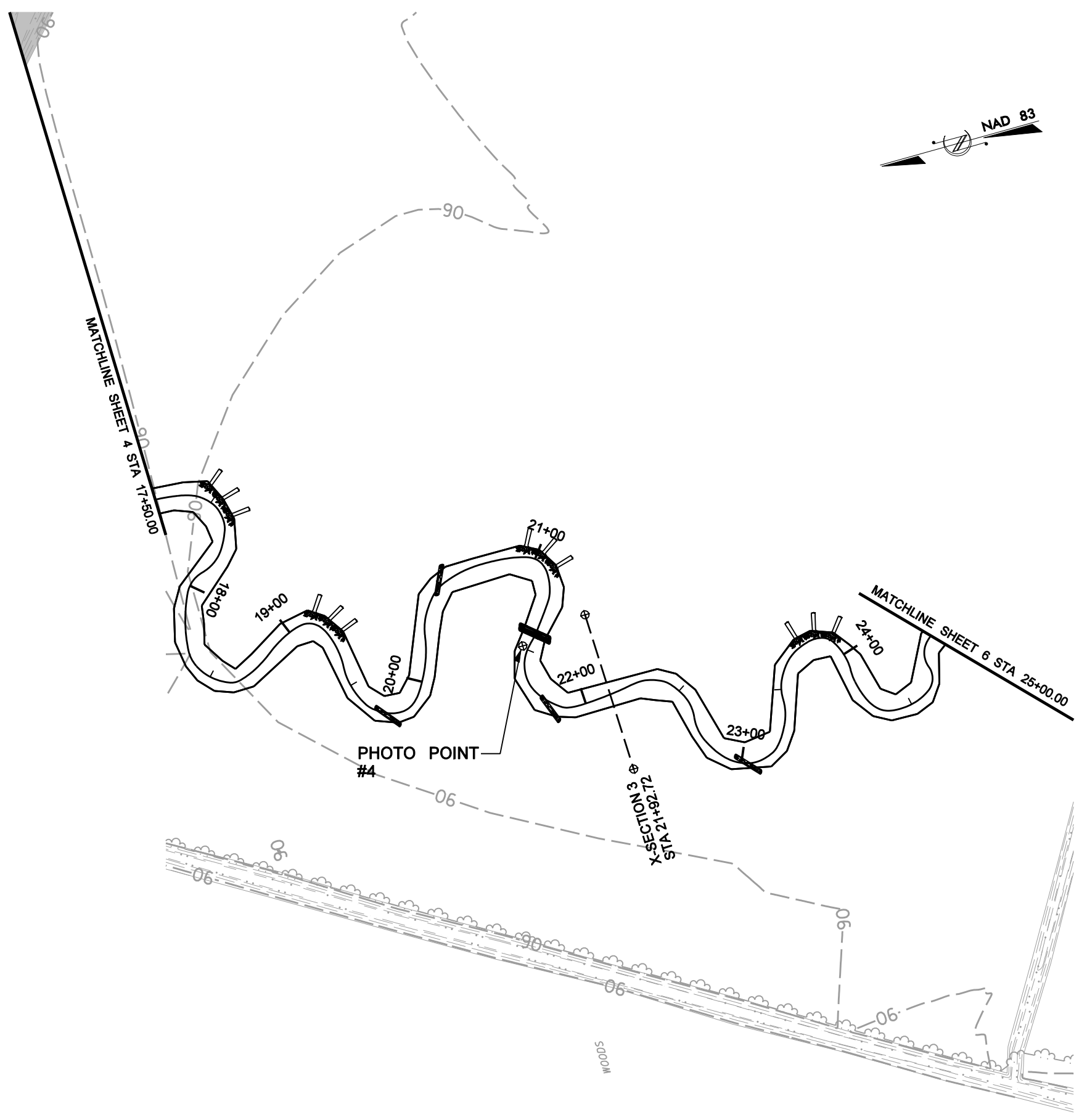
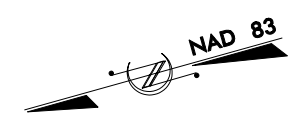
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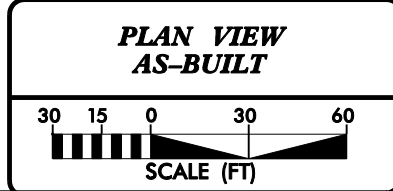
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 FILL EXISTING CHANNEL



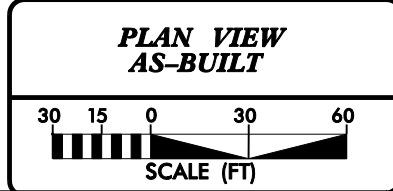
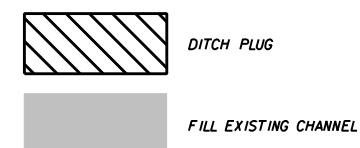
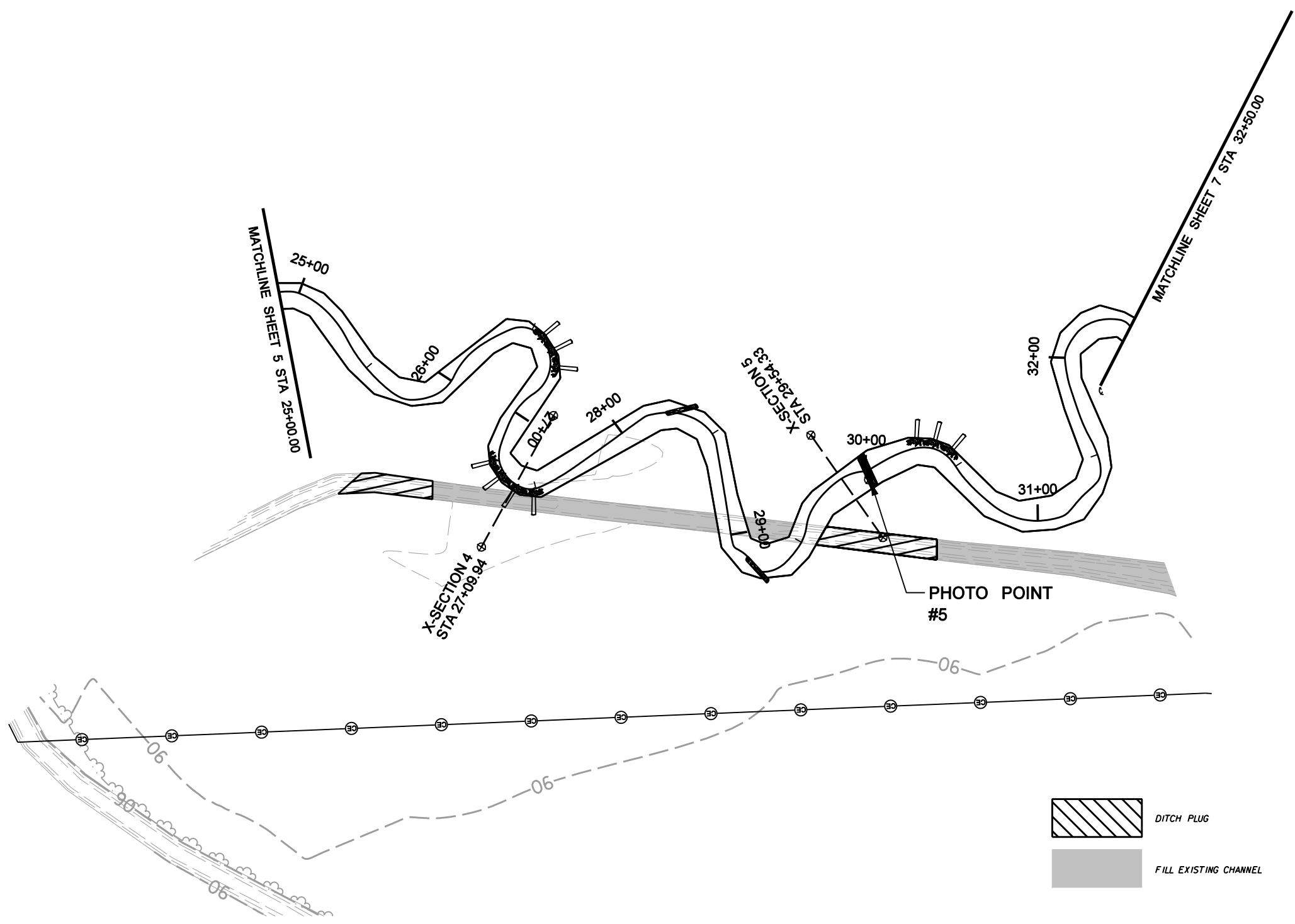
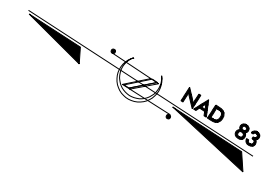
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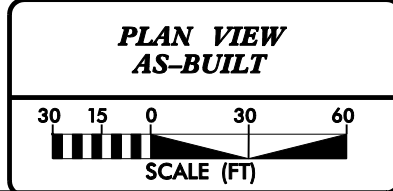
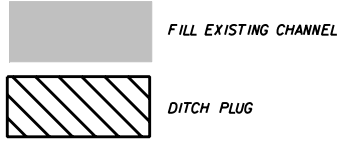
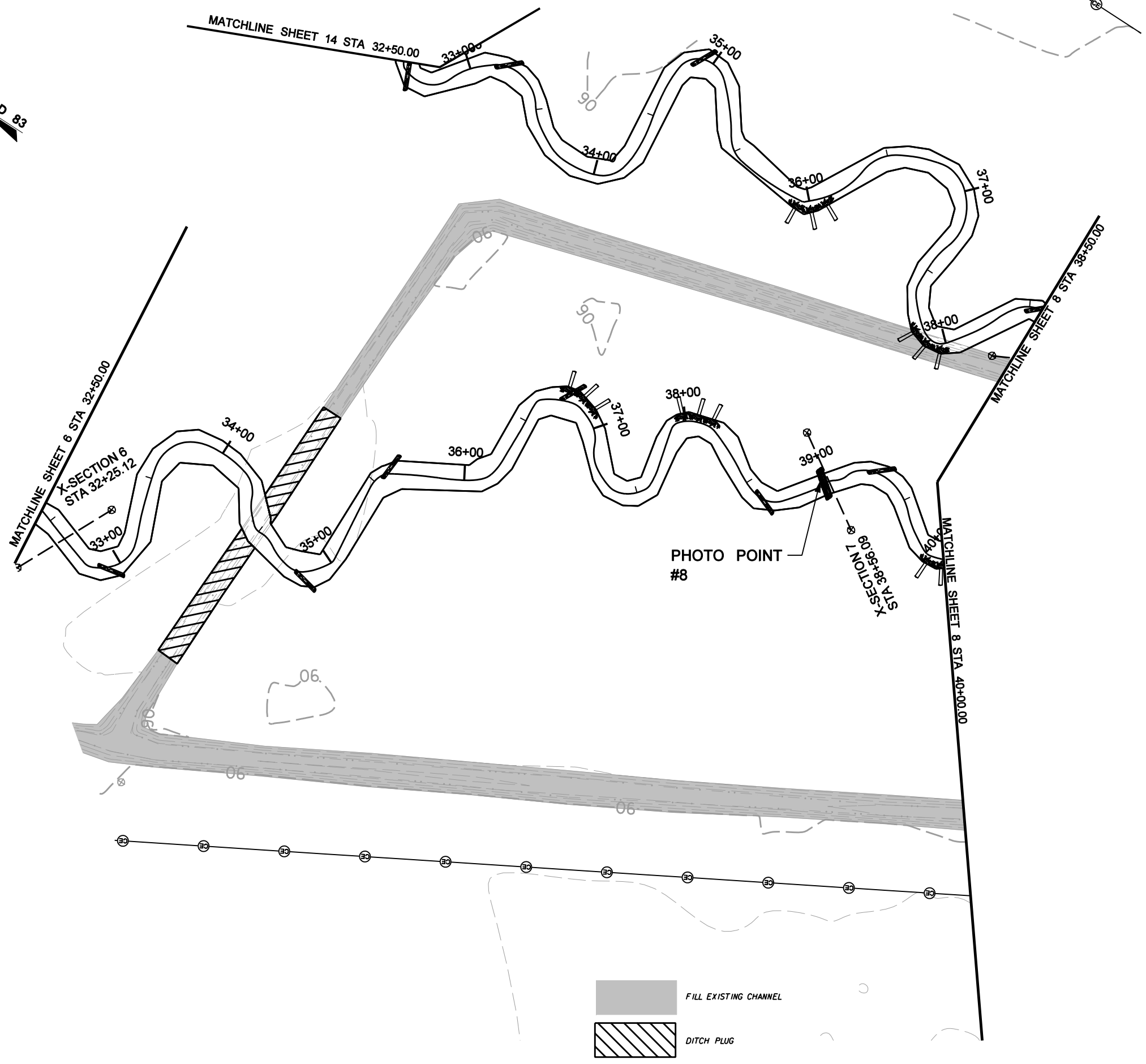
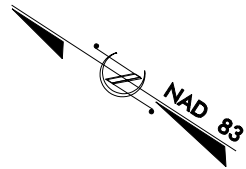
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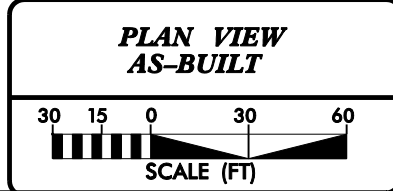
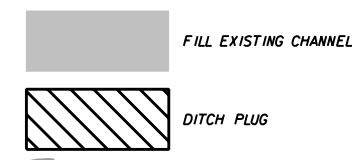
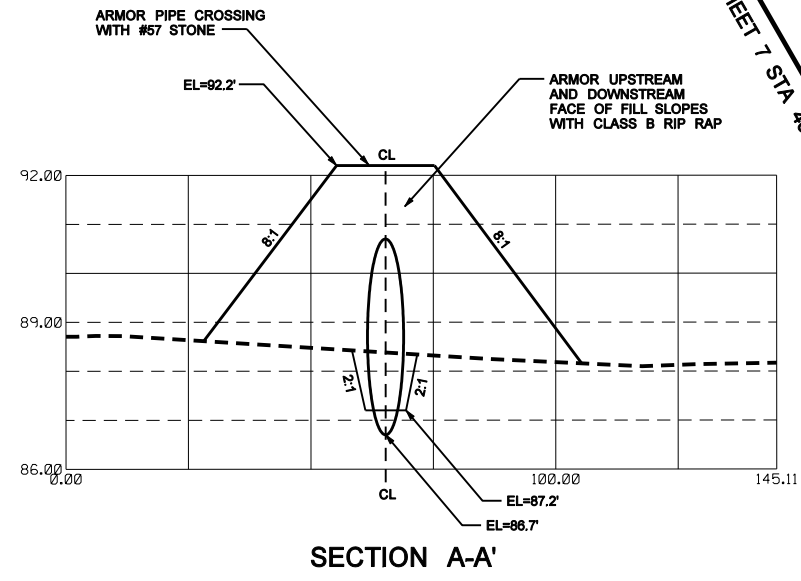
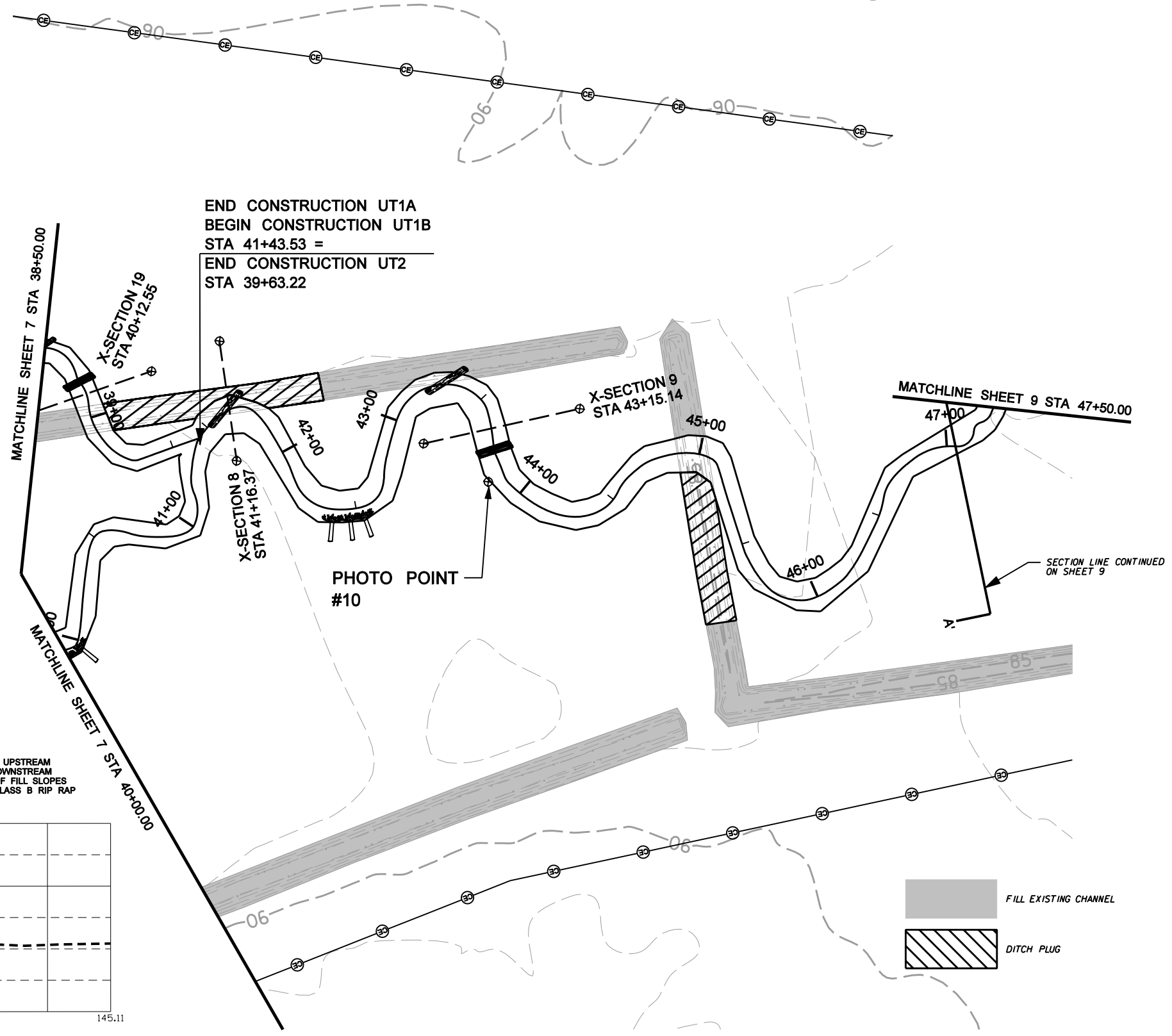
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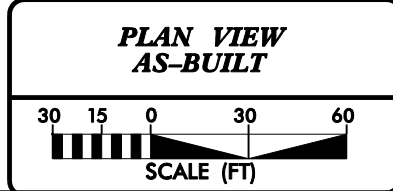
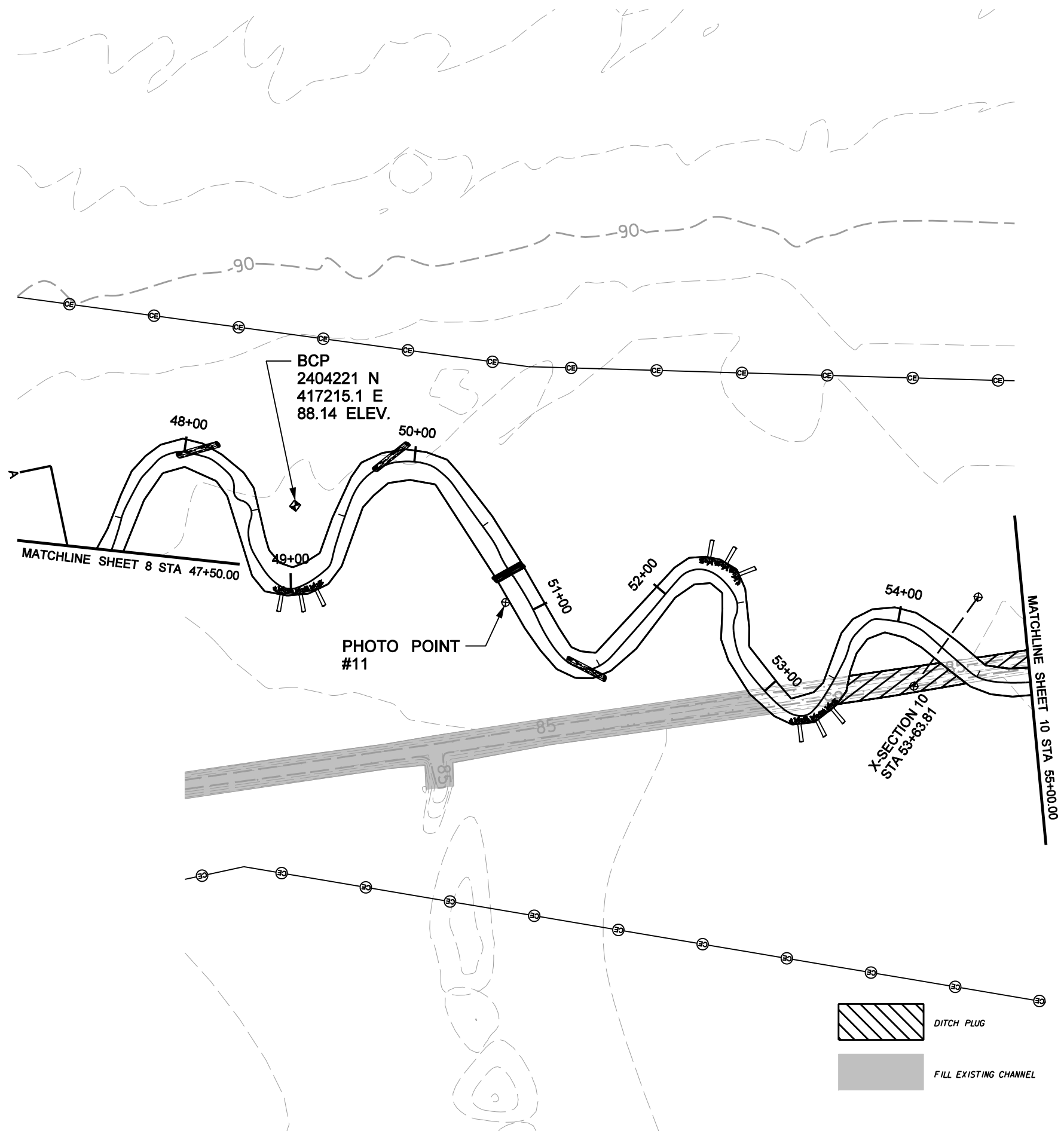
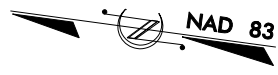


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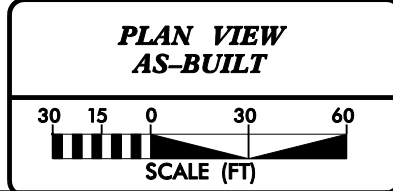
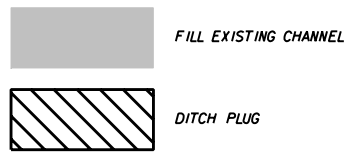
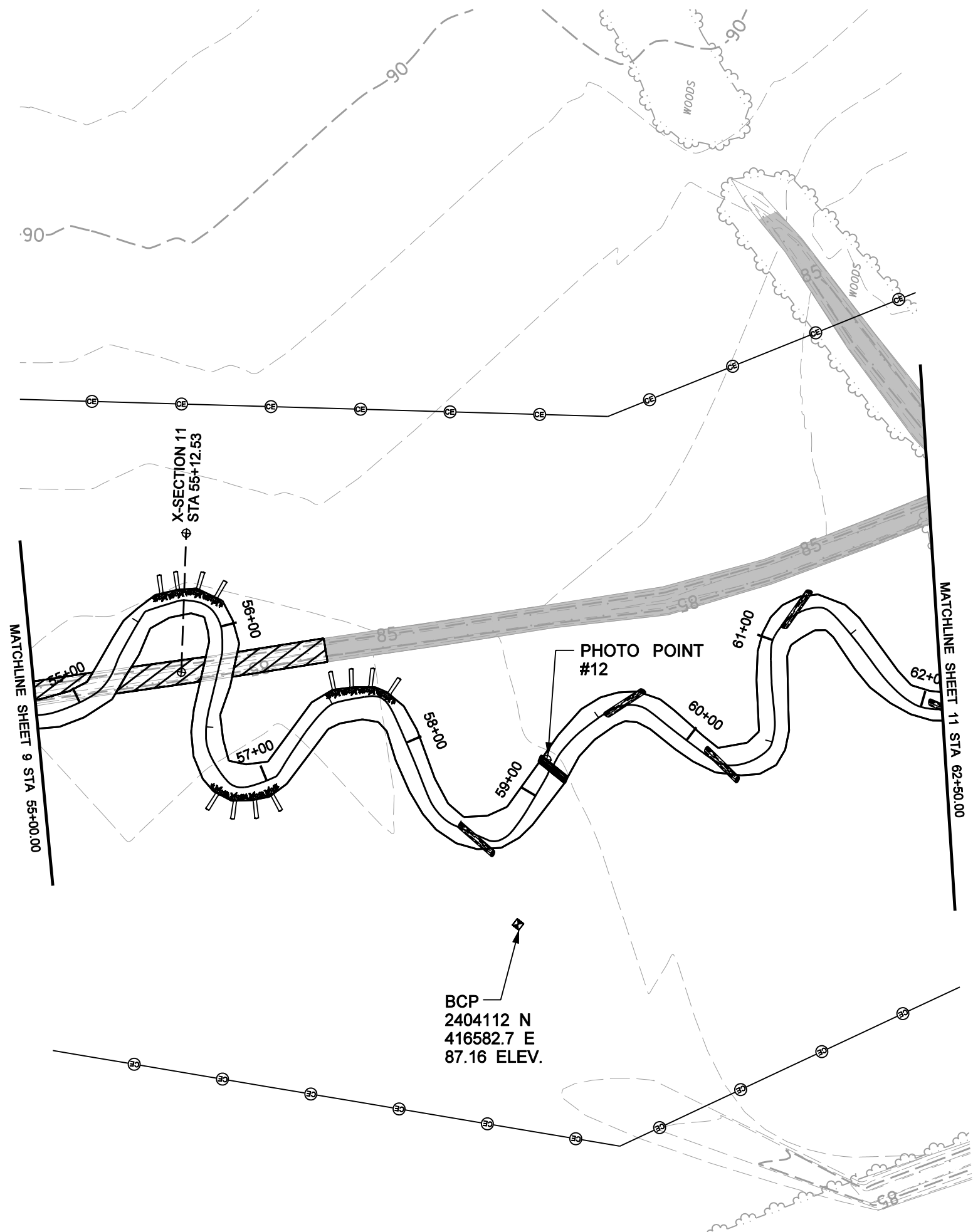
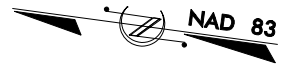
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Cary, North Carolina 27511
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Fax: 919-463-5490



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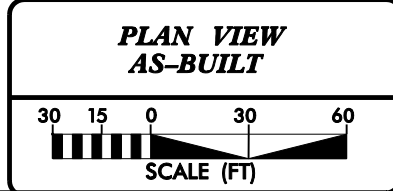
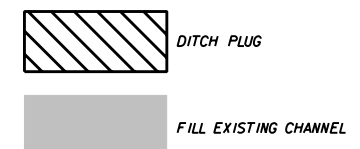
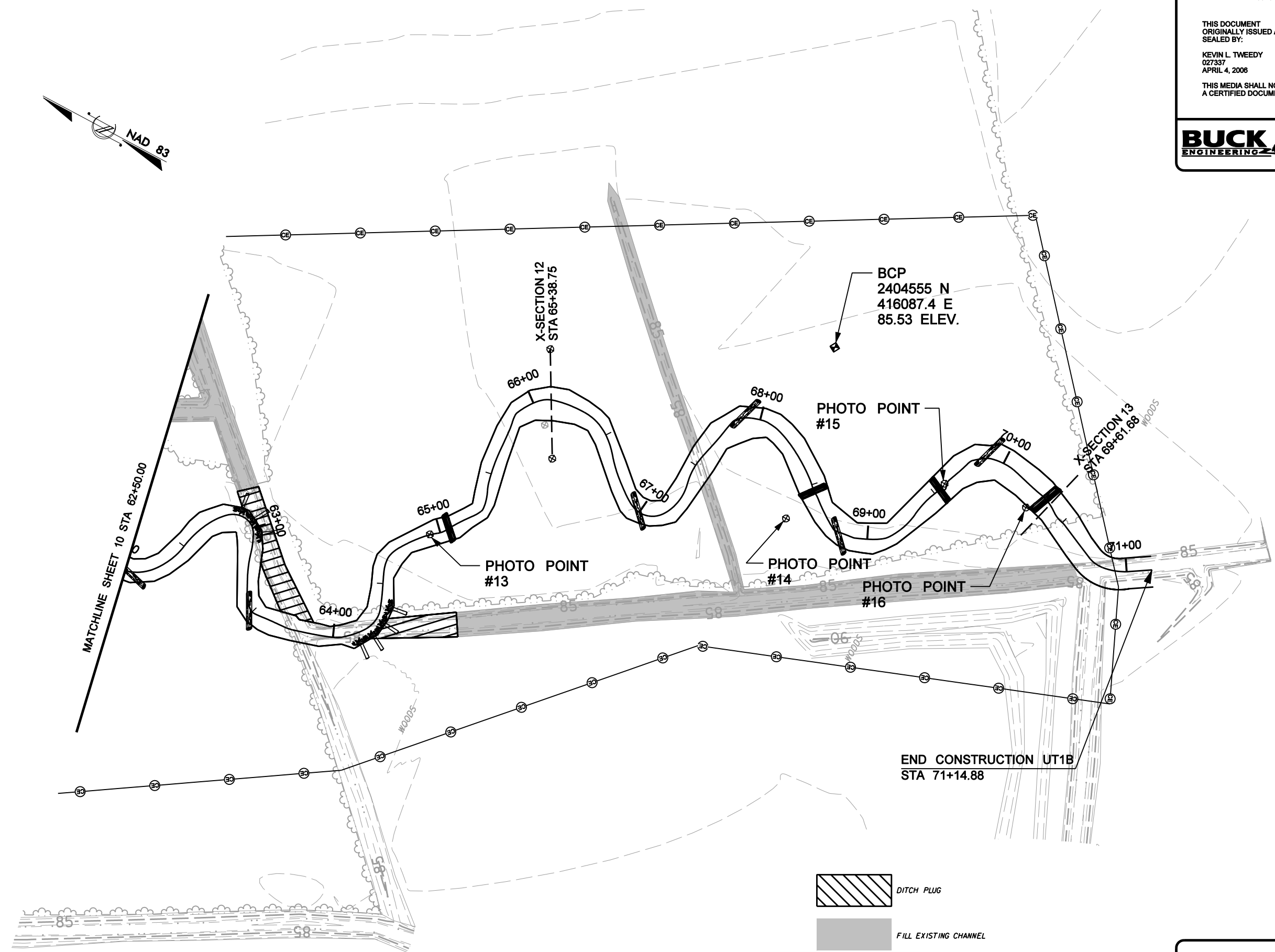
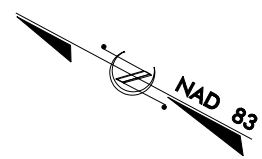
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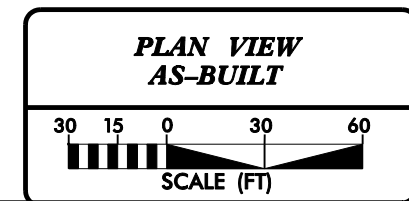
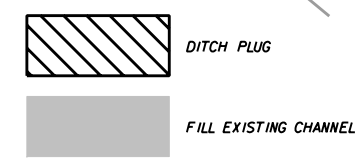
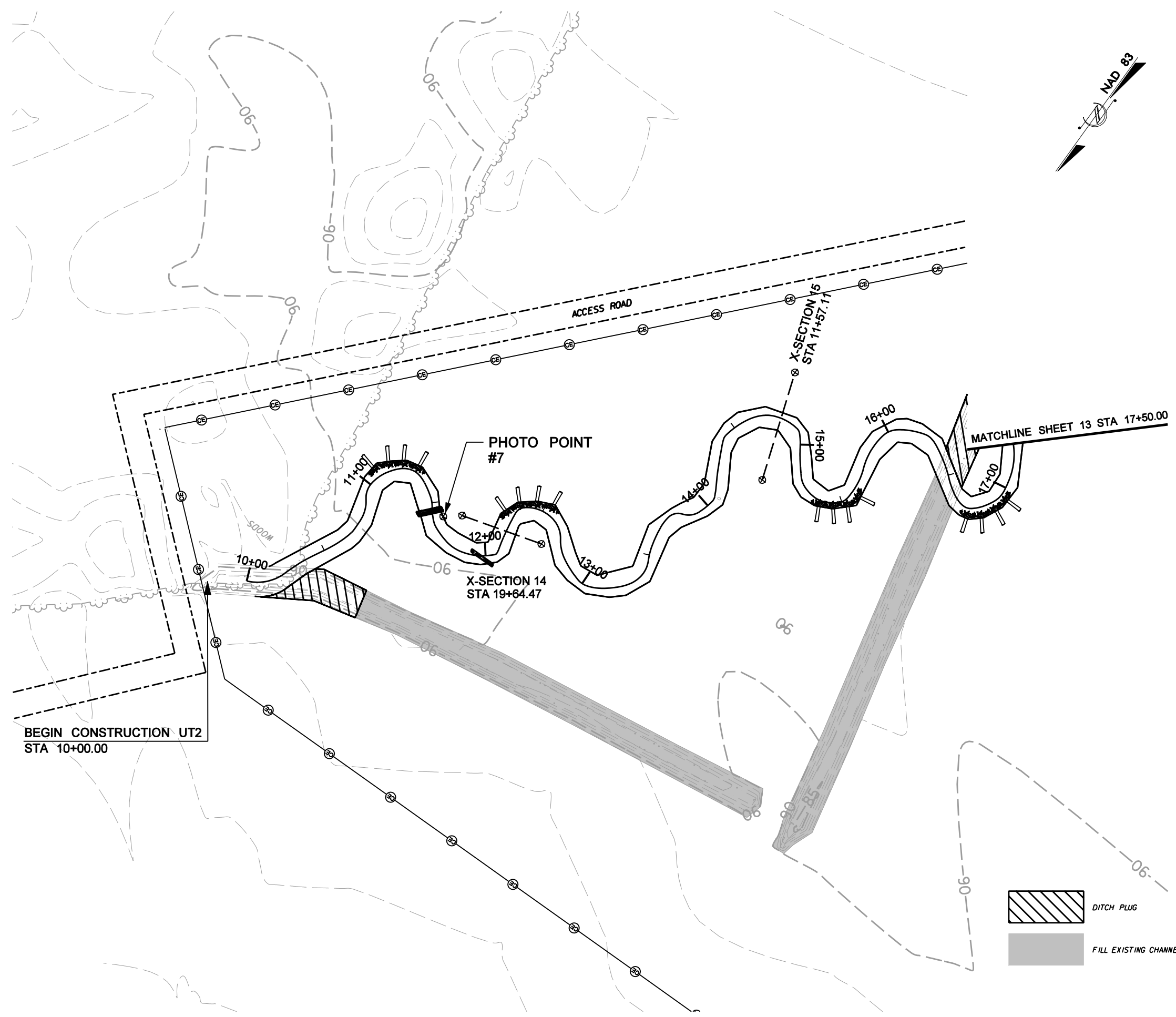
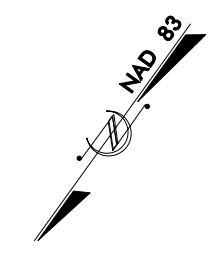
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027337
APRIL 5, 2006

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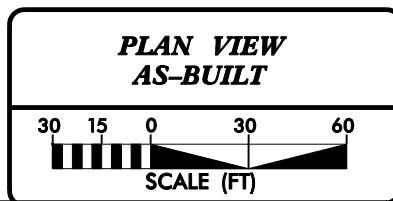
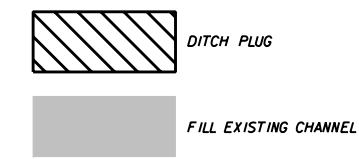
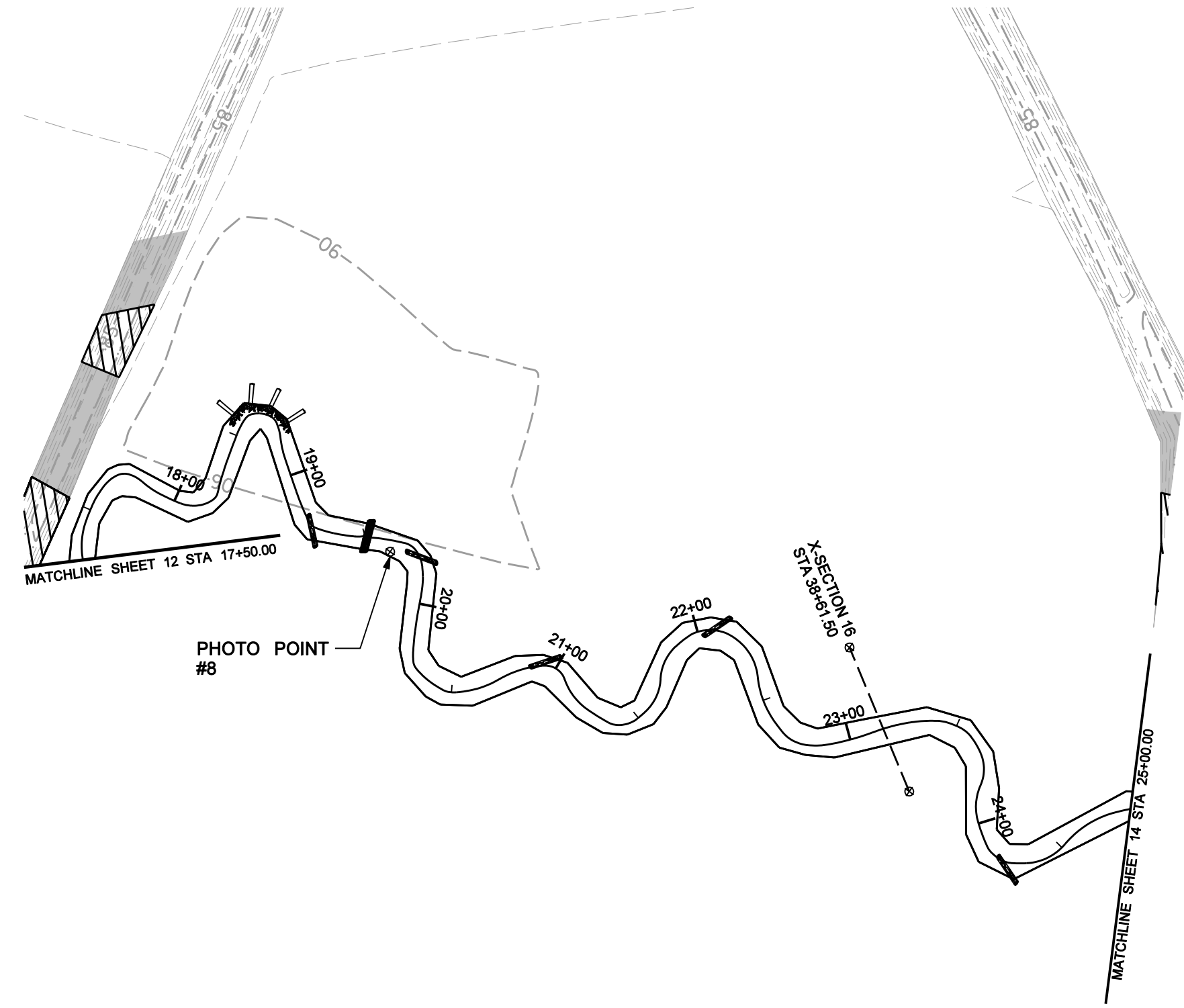
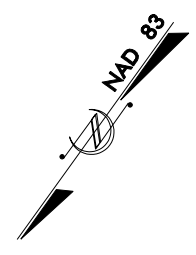
2/26/03

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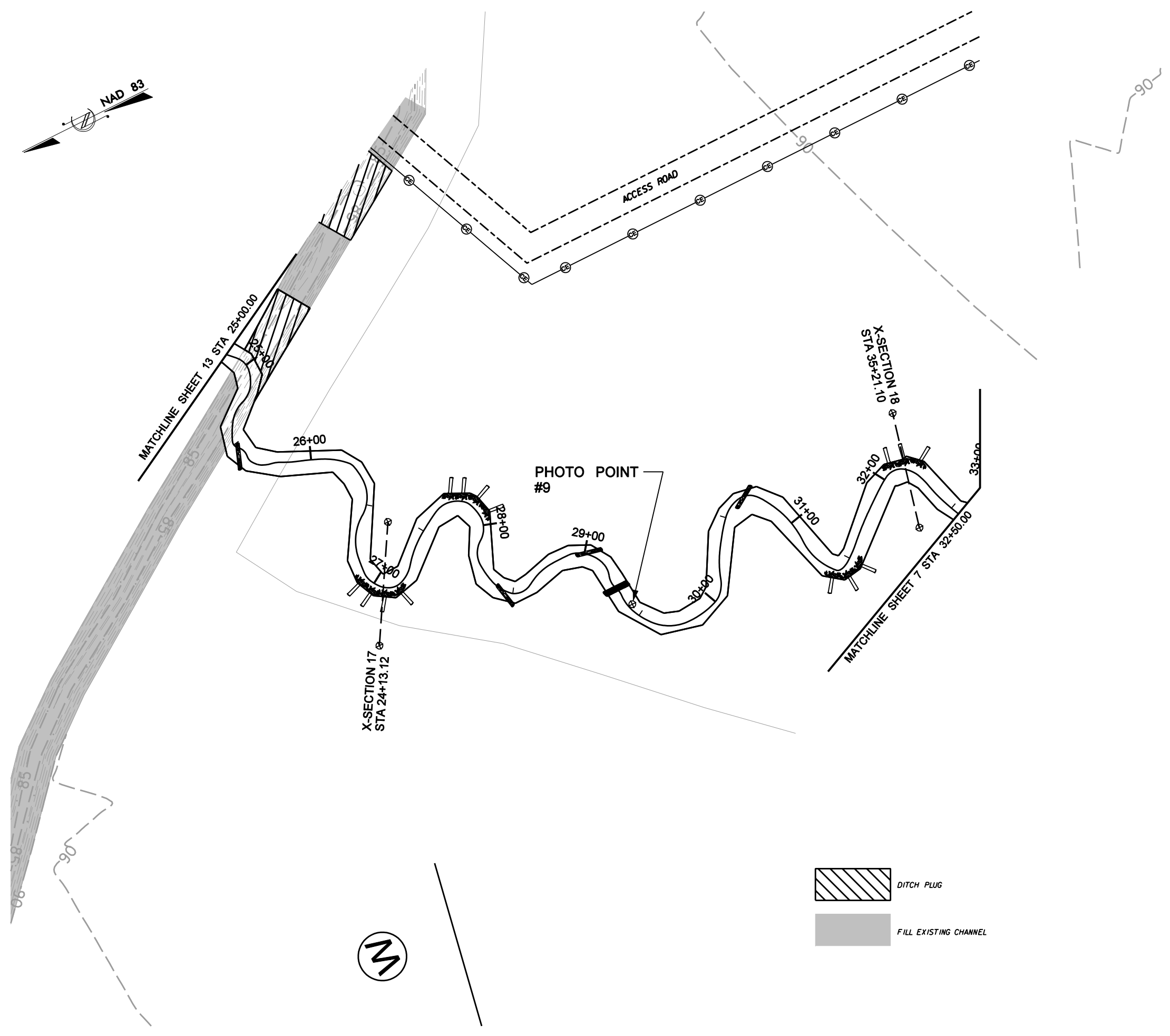
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**PLAN VIEW
AS-BUILT**

30 15 0 30 60
SCALE (FT)

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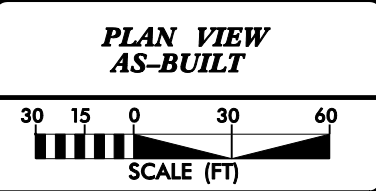
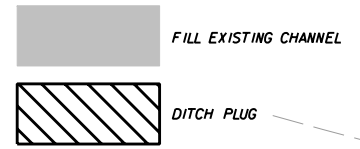
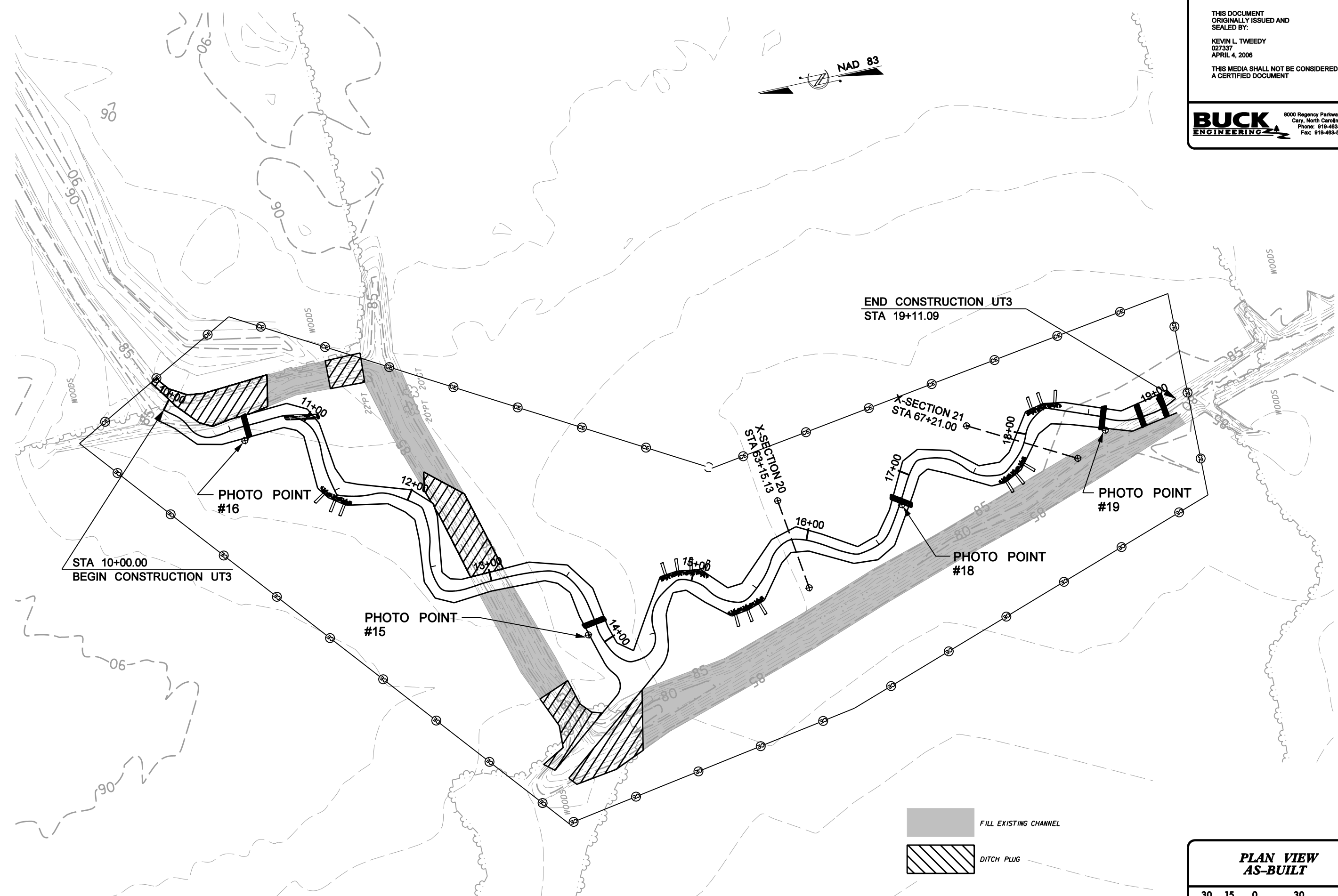
KEVIN L. TWEEDY
027337
APRIL 4, 2008

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BUCK
ENGINEERING
8000 Regency Parkway Suite 200
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Phone: 919-463-5488
Fax: 919-463-5490

2/26/03

4/12/2006
F:\0211R\Design\as-built\0211R_EBX_AB_PSH_15.dgn

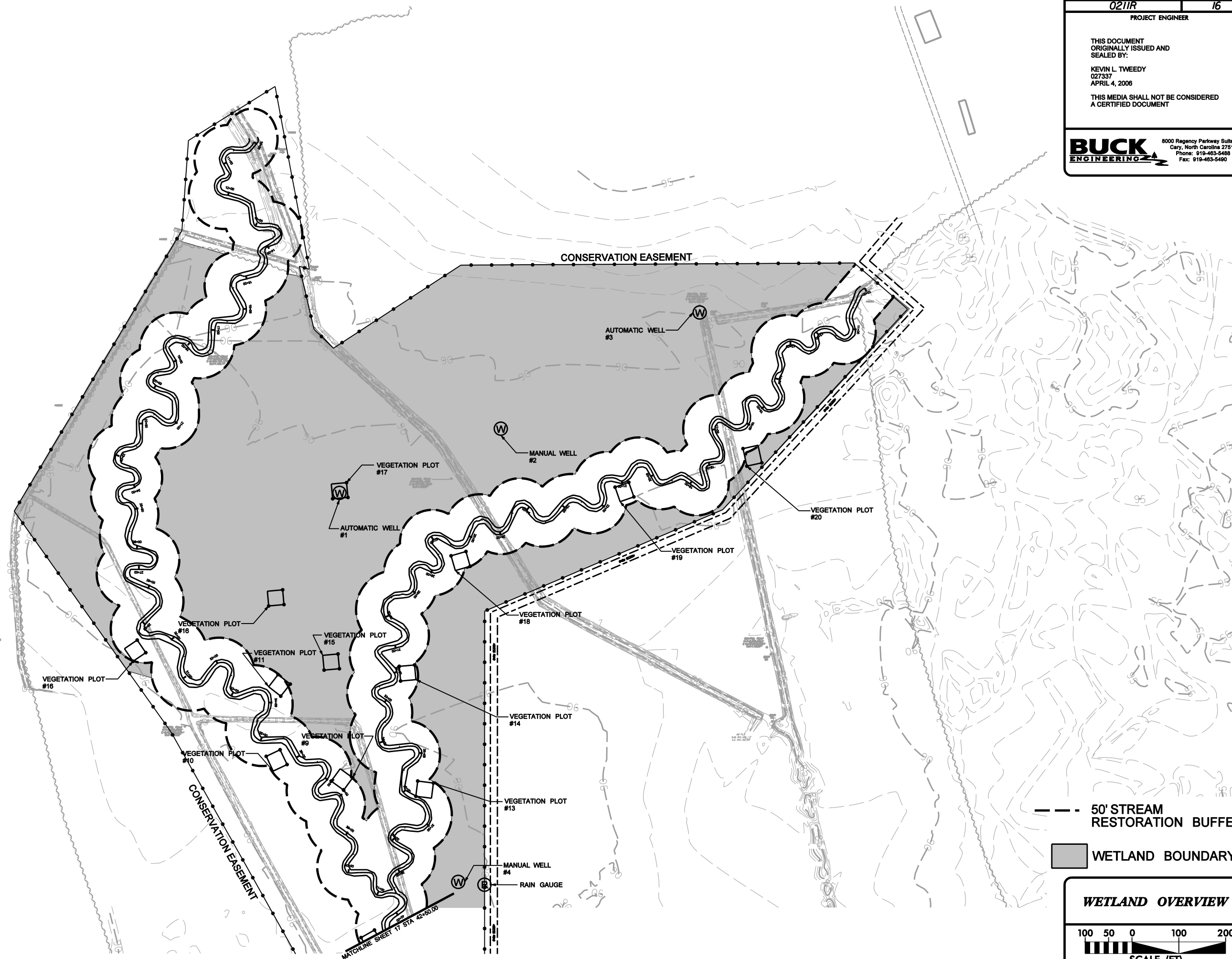


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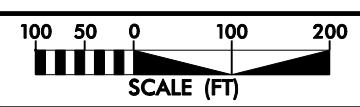
BUCK
ENGINEERING
8000 Regency Parkway Suite 200
Cary, North Carolina 27511
Phone: 919-463-5488
Fax: 919-463-5480



--- 50' STREAM RESTORATION BUFFER

WETLAND BOUNDARY

WETLAND OVERVIEW



2/26/03

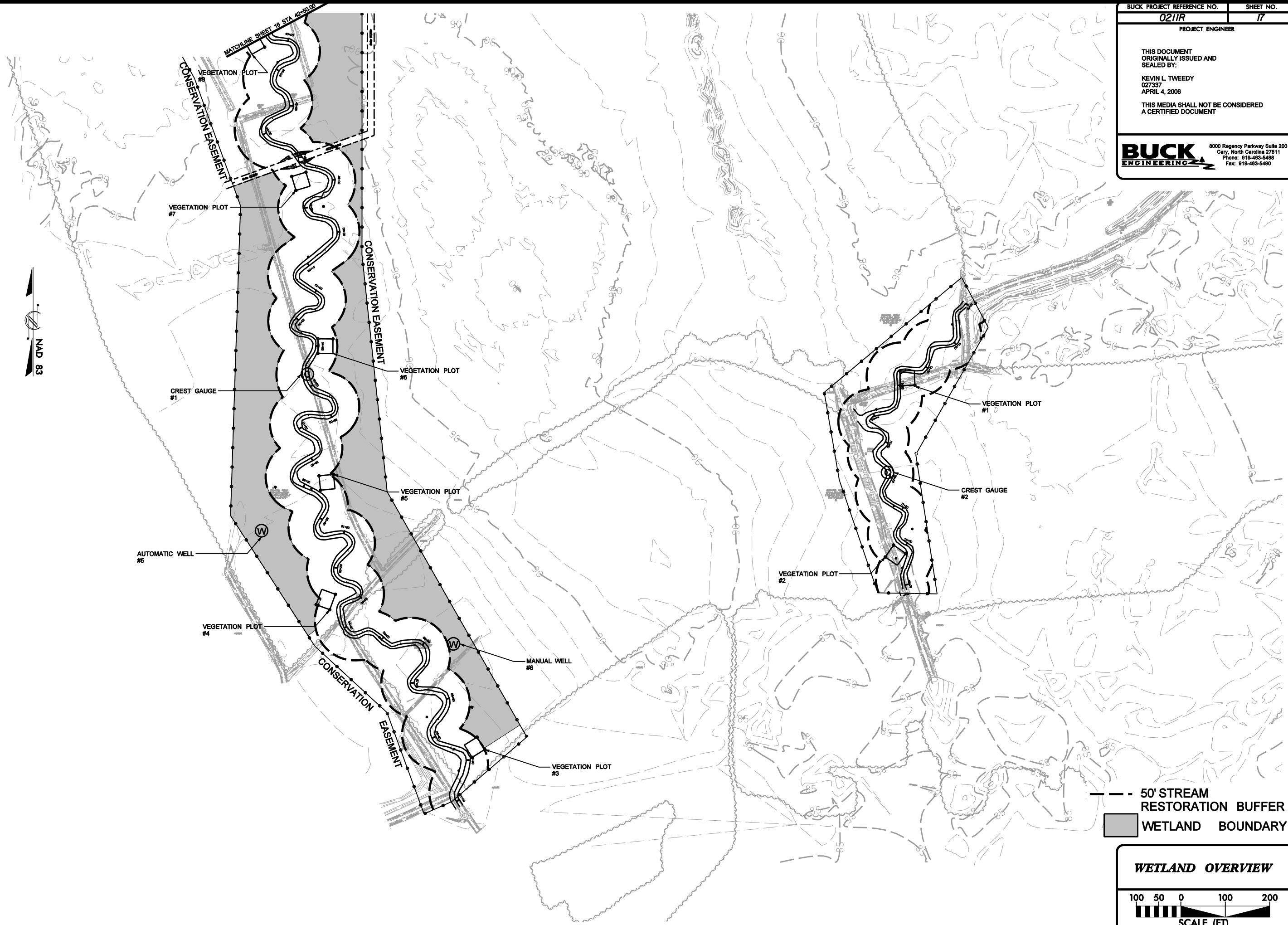
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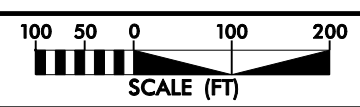
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ENGINEERING
8000 Regency Parkway Suite 200
Cary, North Carolina 27511
Phone: 919-463-5488
Fax: 919-463-5460



- 50' STREAM RESTORATION BUFFER
- WETLAND BOUNDARY

WETLAND OVERVIEW

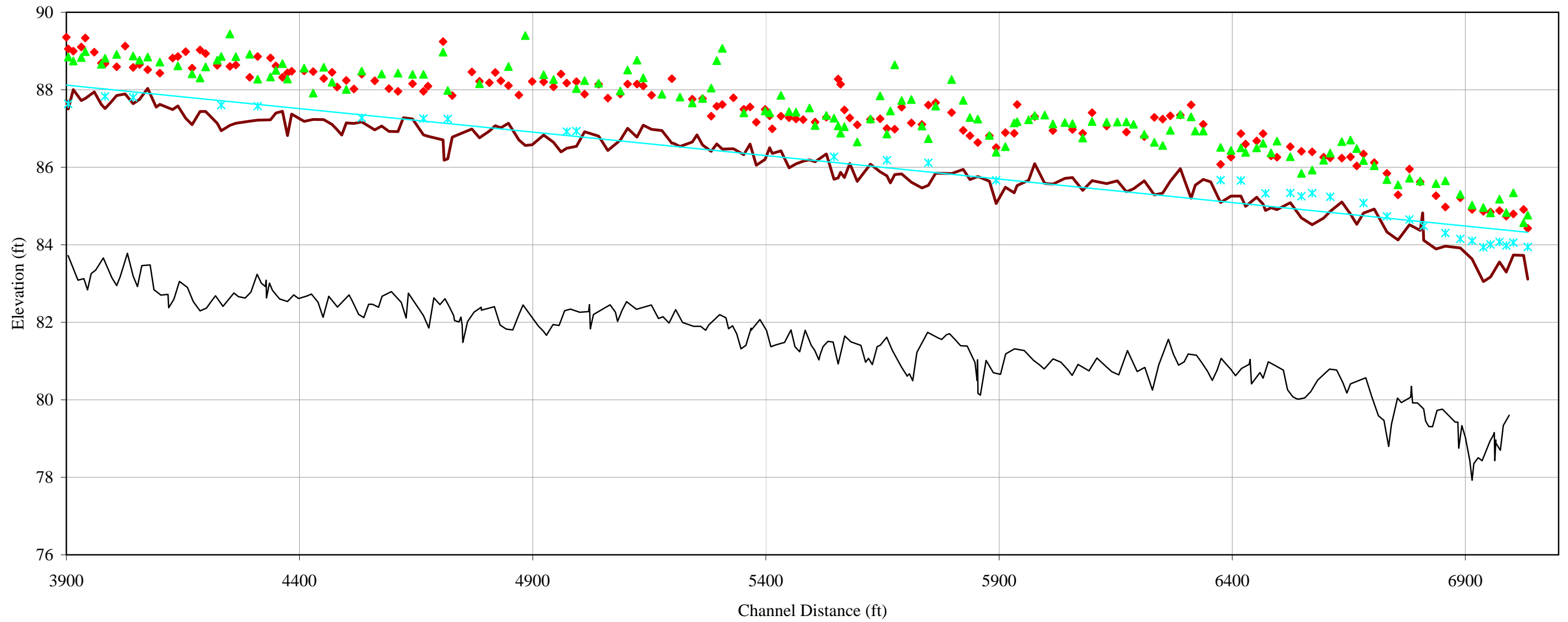


APPENDIX B

2008 Profile and Cross Section Data

Haw Branch
Year 3 Profile
UT-1 Station 39+00 to 71+00

— As-Built (Offset -4ft) — Year 3 ◆ LTB ▲ RTB ✕ Water Srf — Linear (Water Srf)

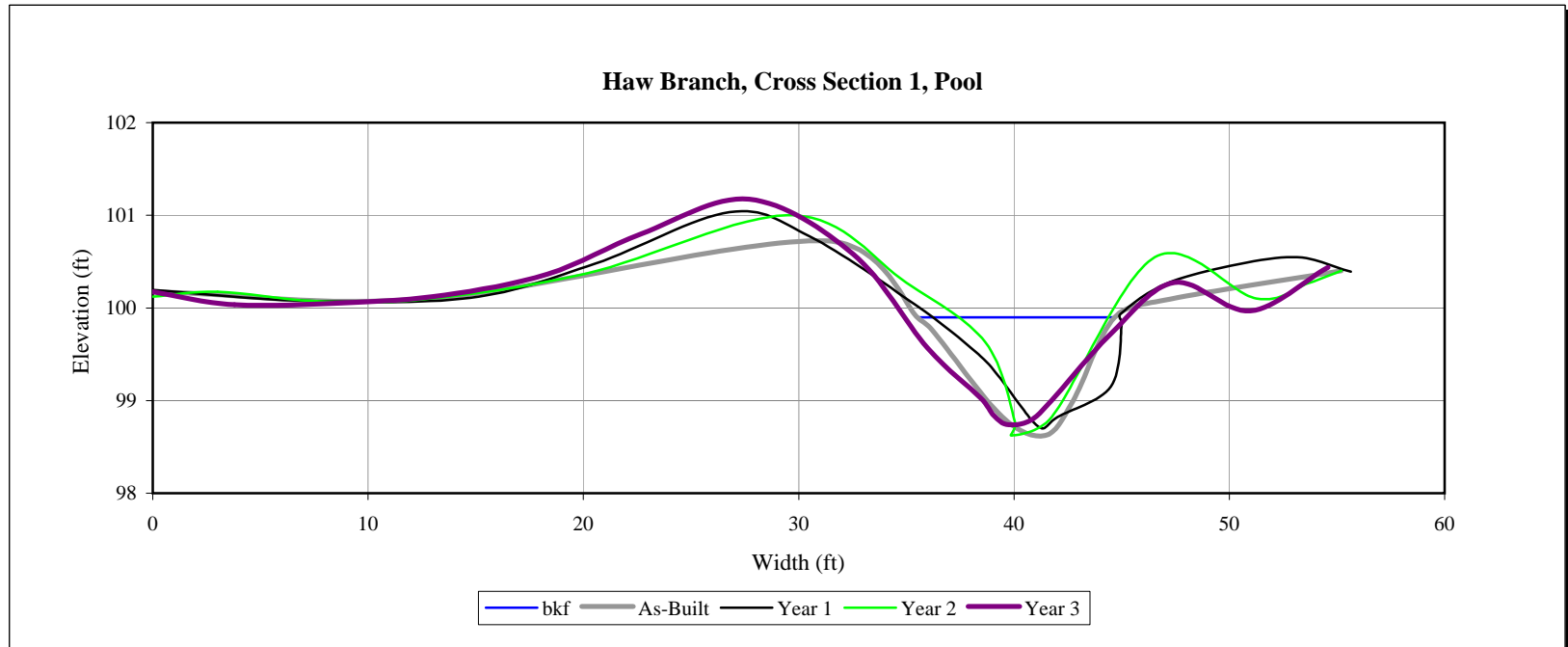




Looking at left bank.



Looking at right bank.

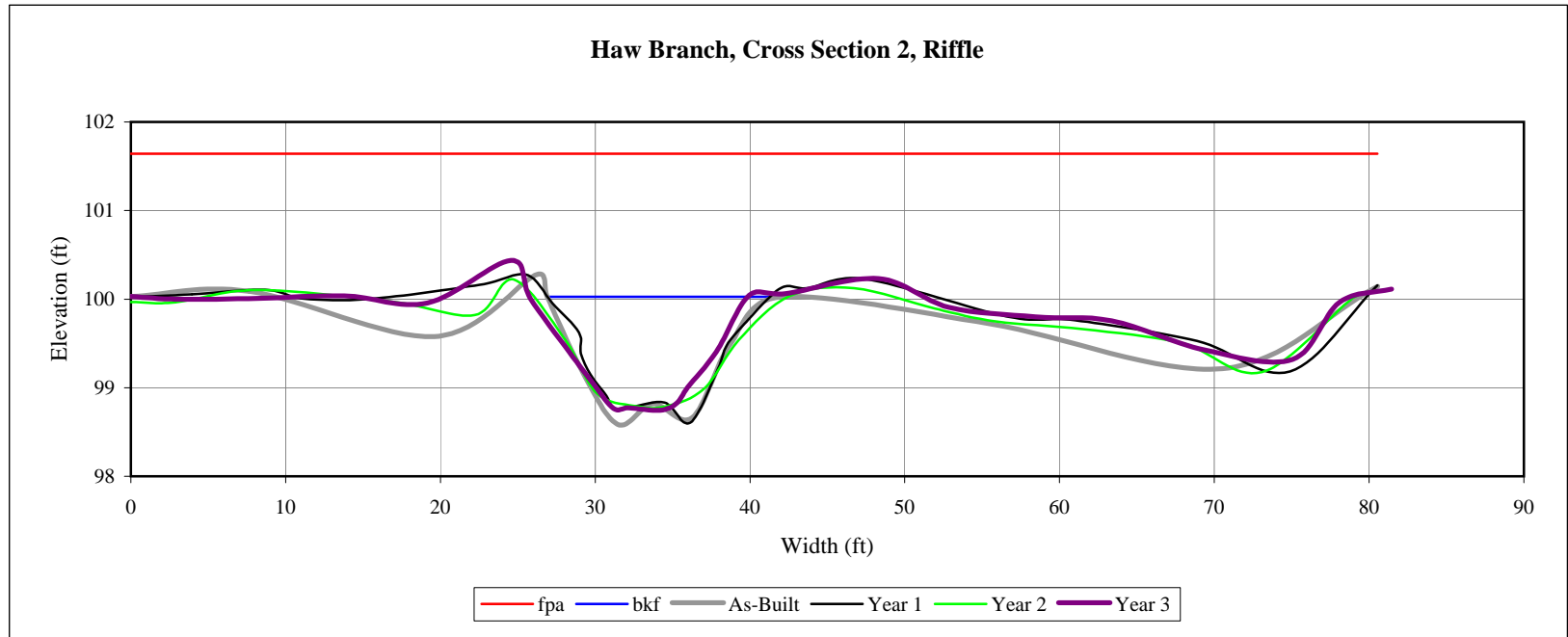




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Looking at right bank.

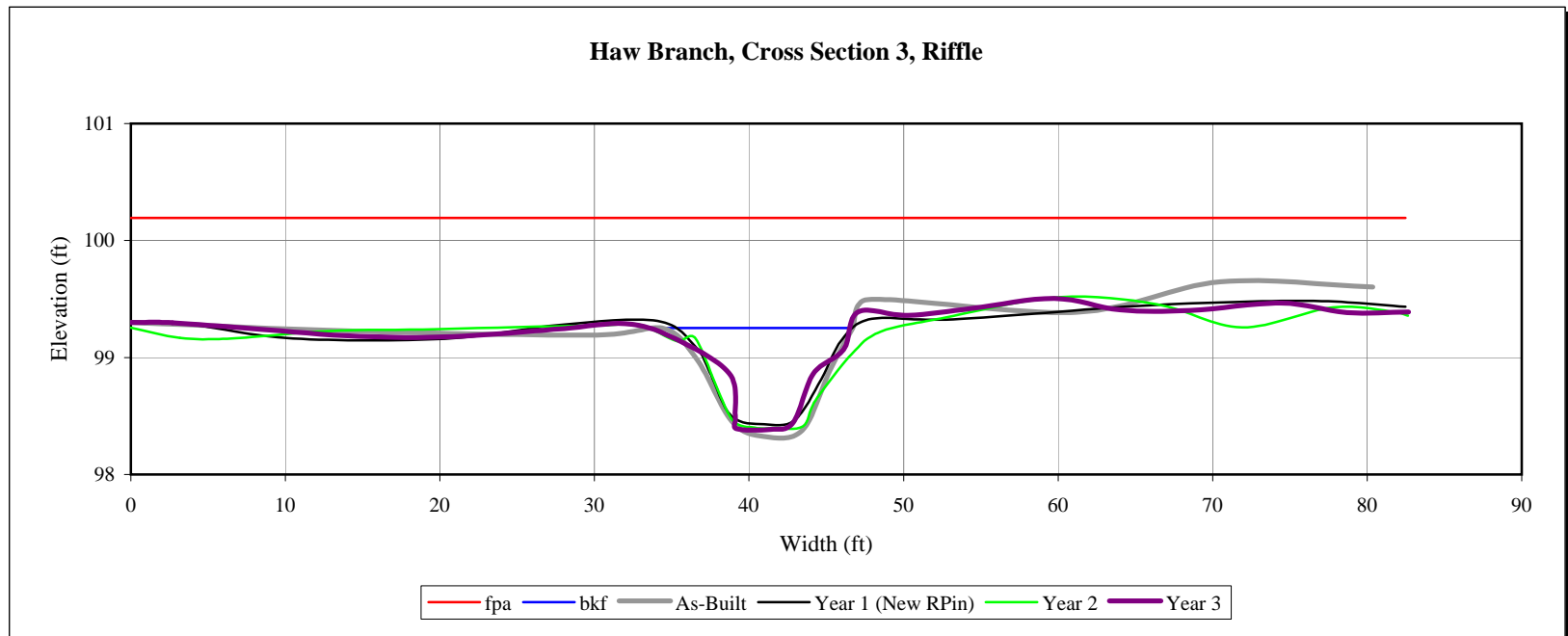




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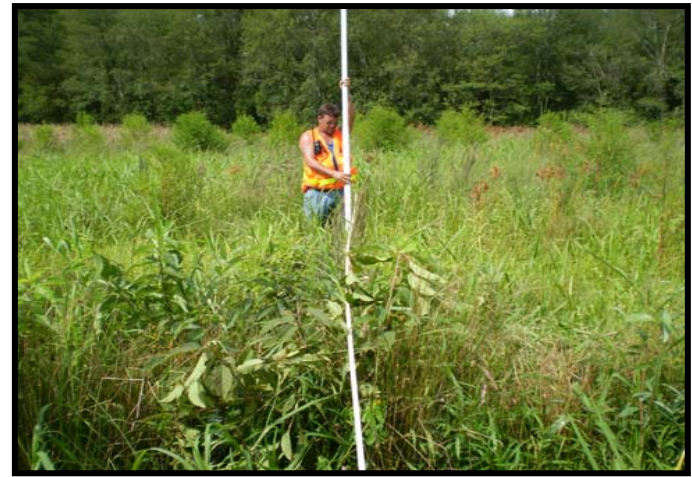


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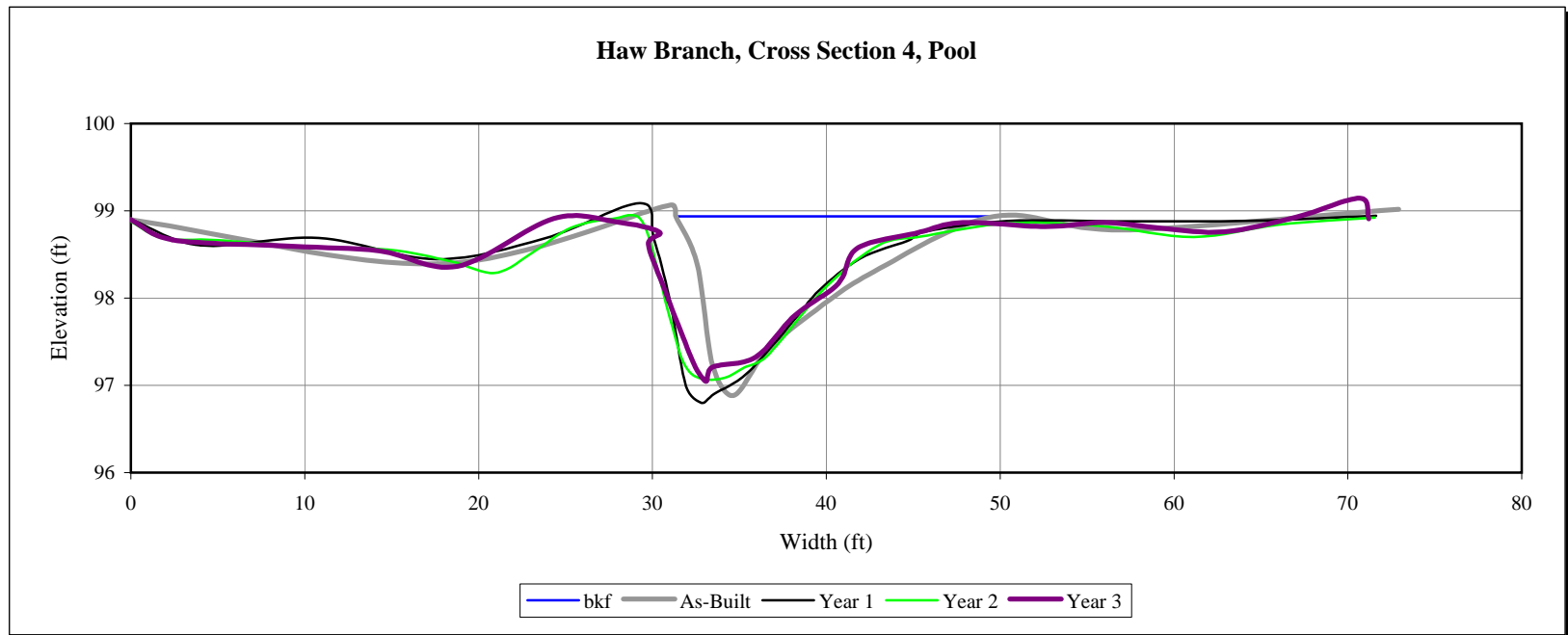




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Looking at right bank.

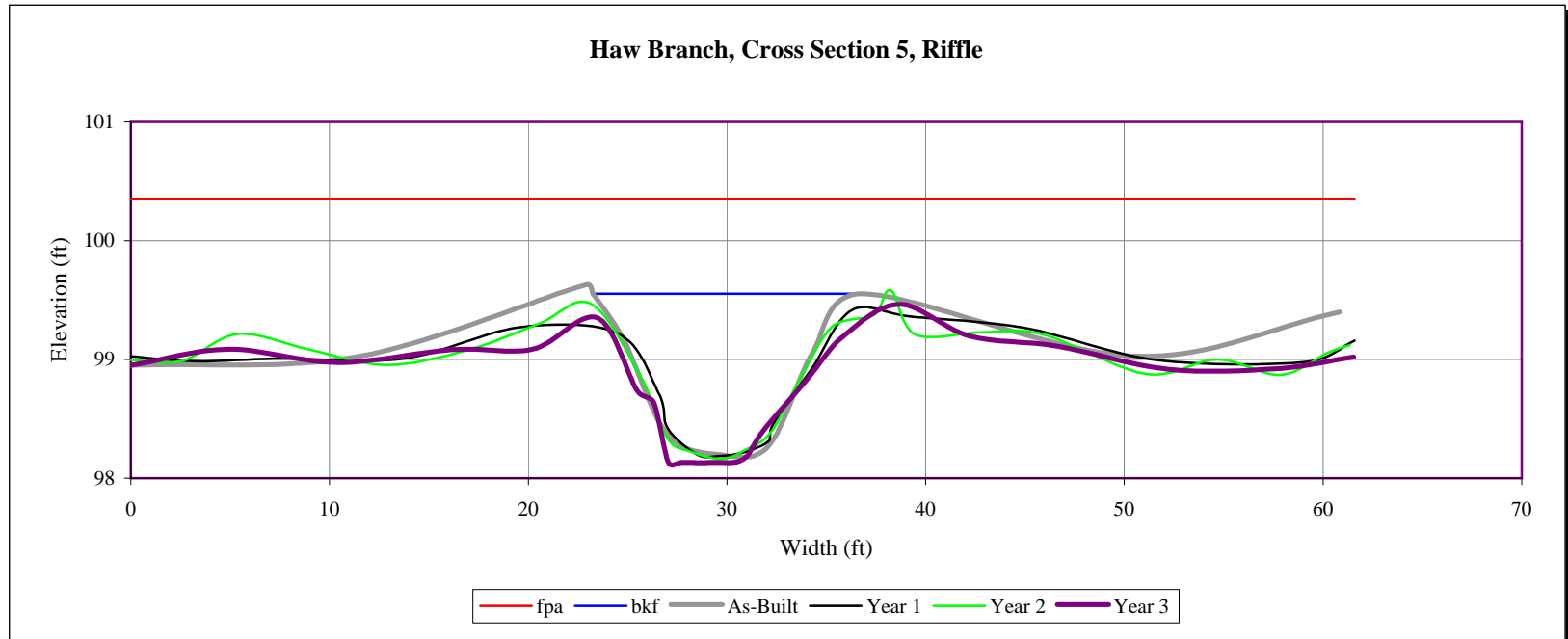




Looking at left bank.



Looking at right bank.

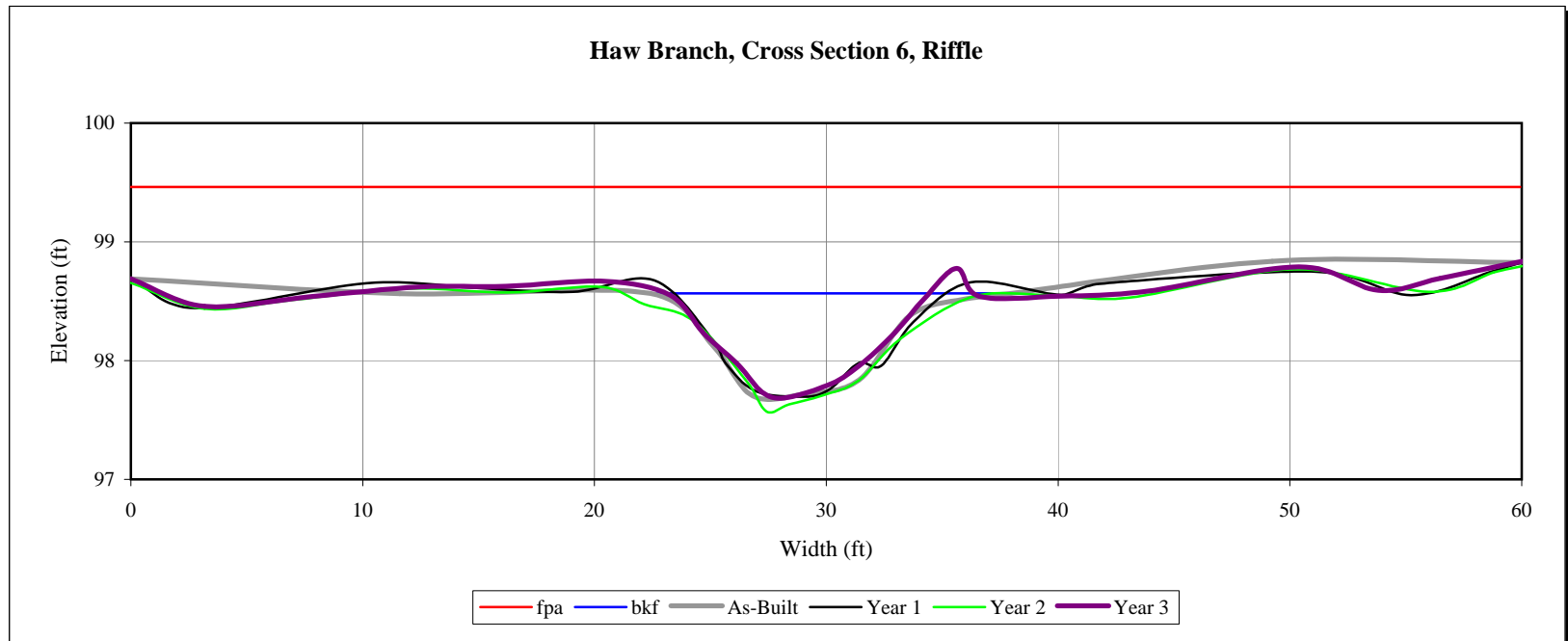




Looking at left bank.



Looking at right bank.

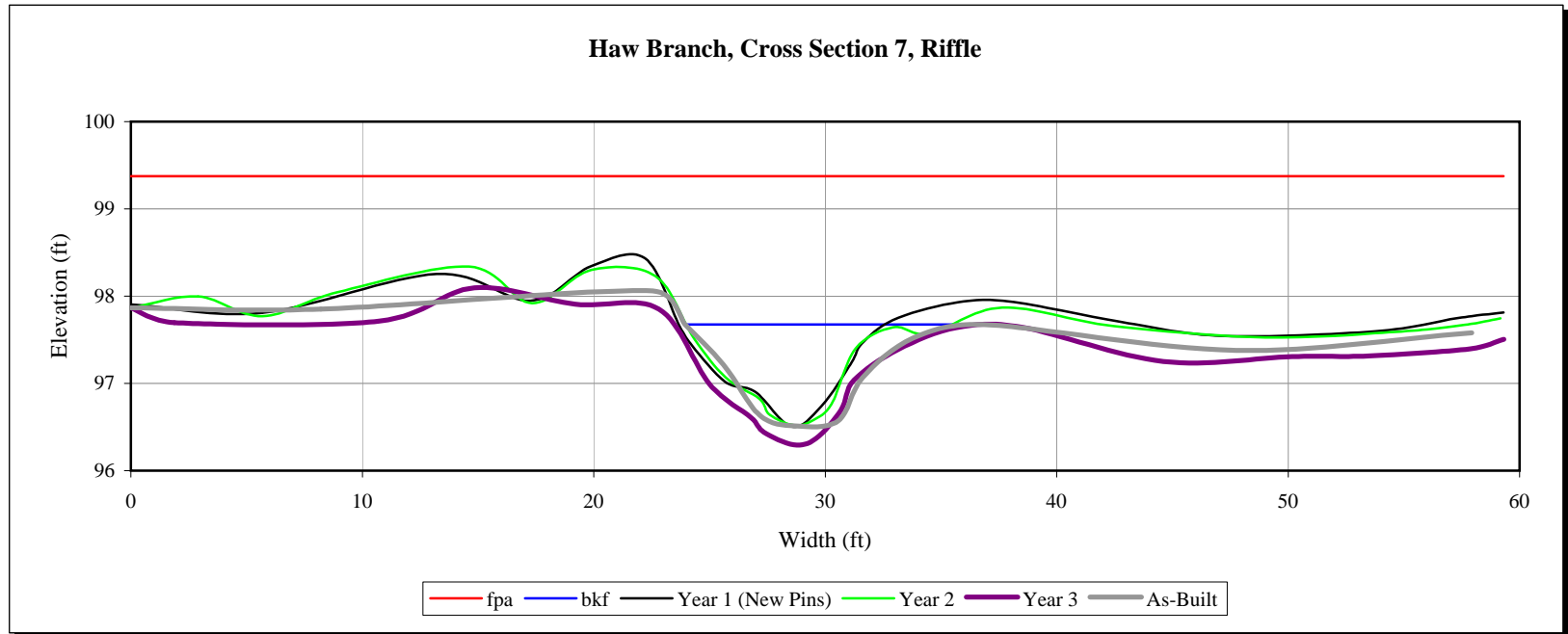




Looking at left bank.



Looking at right bank.

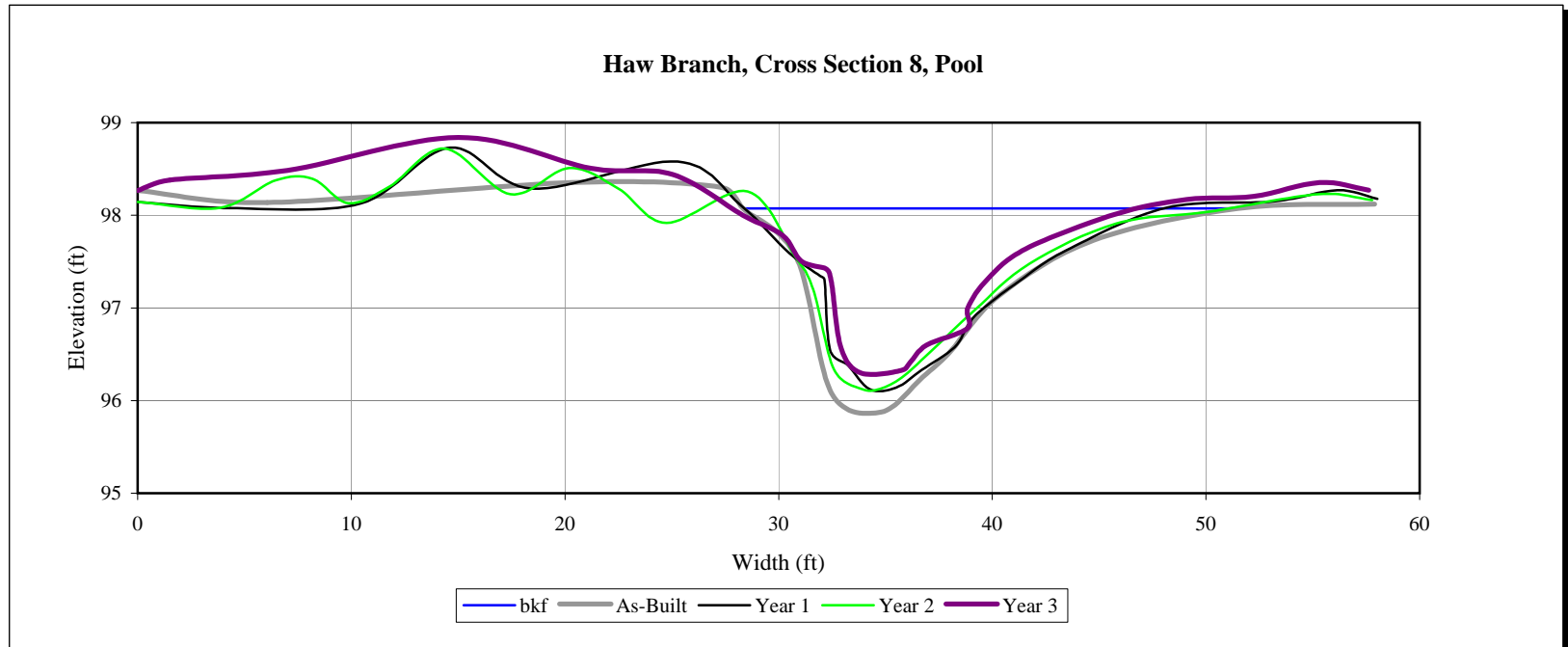




Looking at left bank.



Looking at right bank.

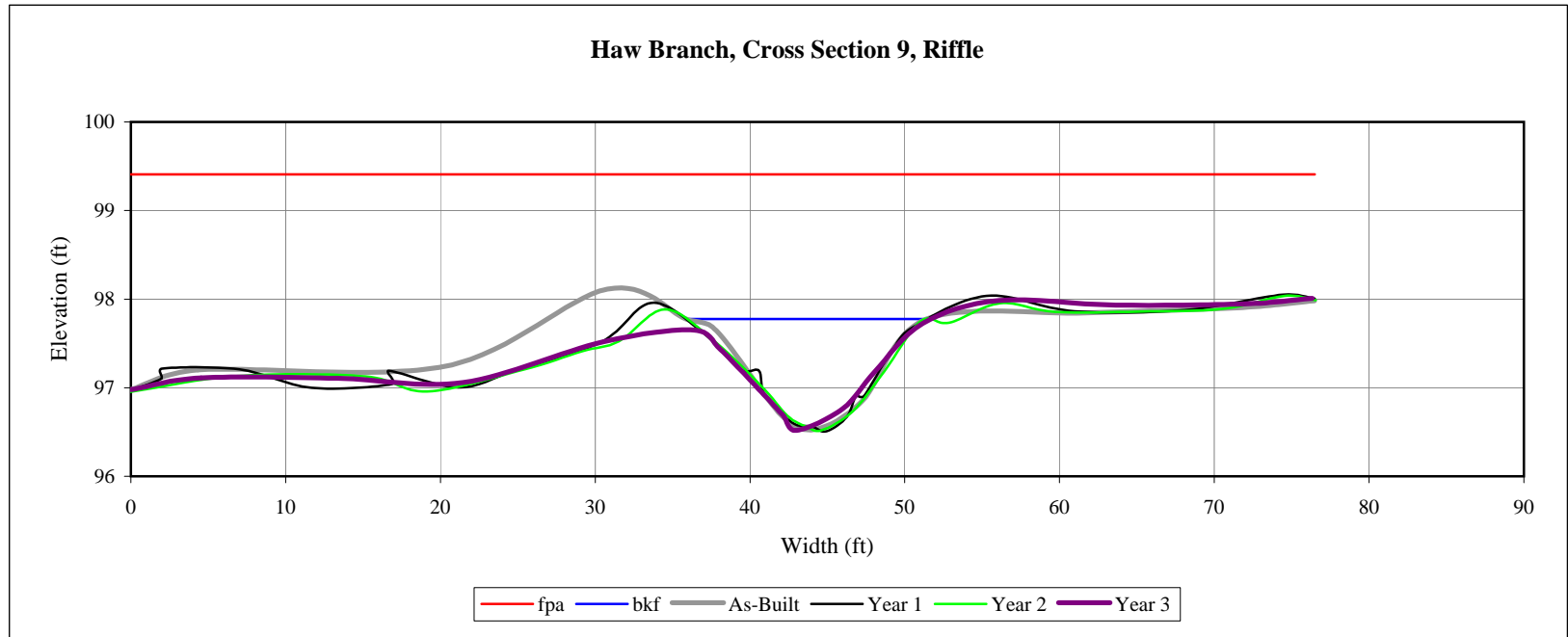




Looking at left bank.



Looking at right bank.

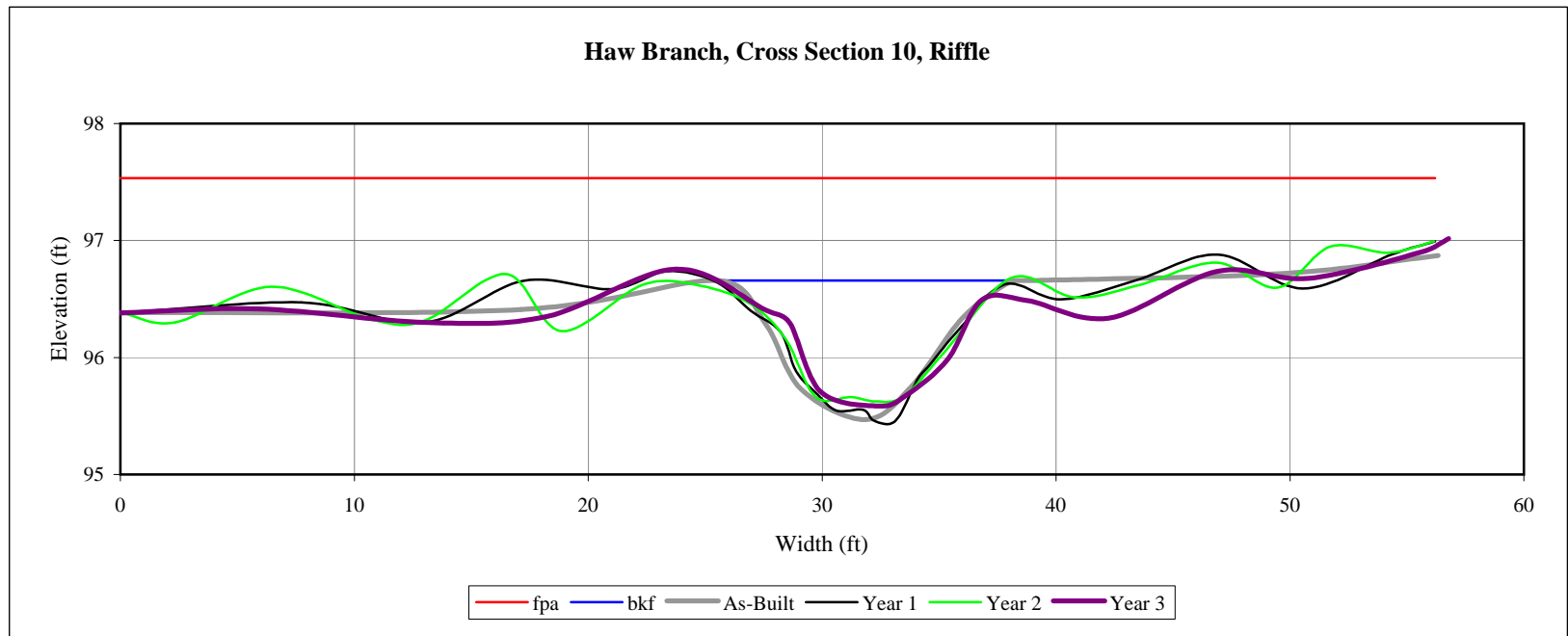




Looking at left bank.



Looking at right bank.

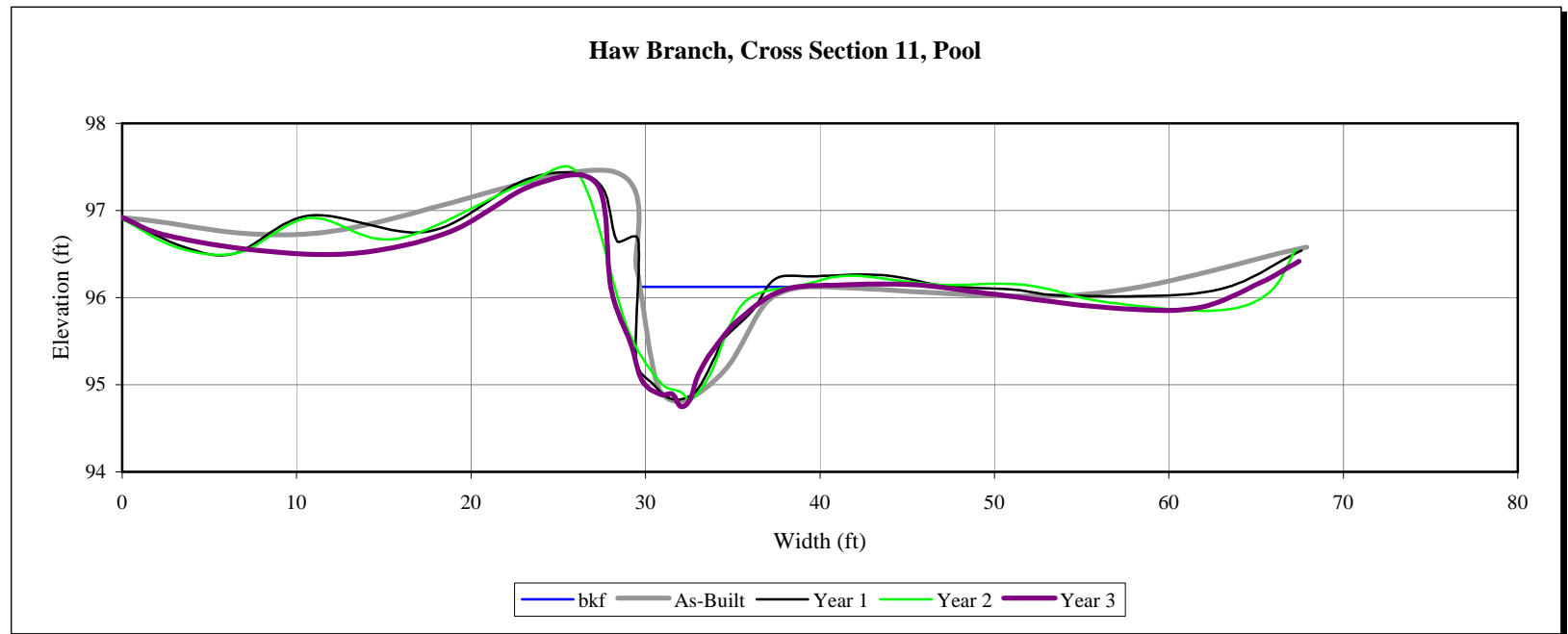




Looking at left bank.



Looking at right bank.

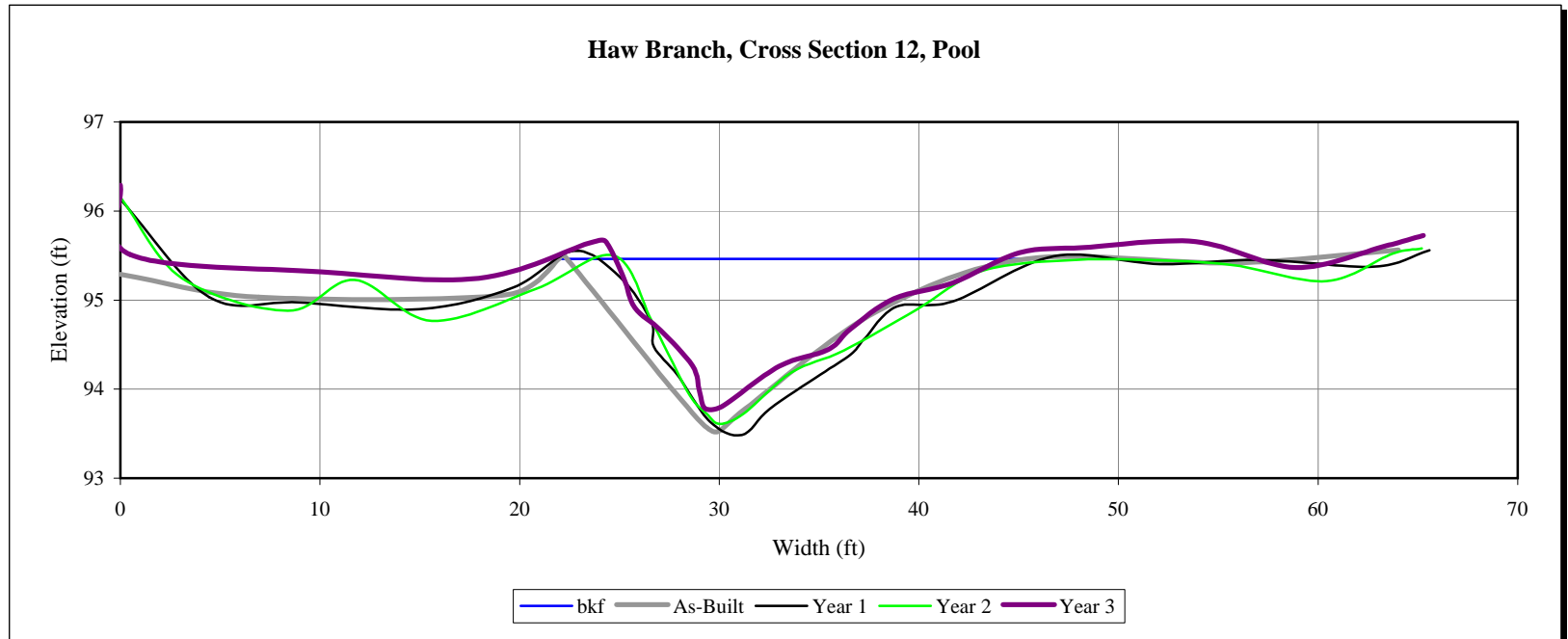




Looking at left bank.



Looking at right bank.

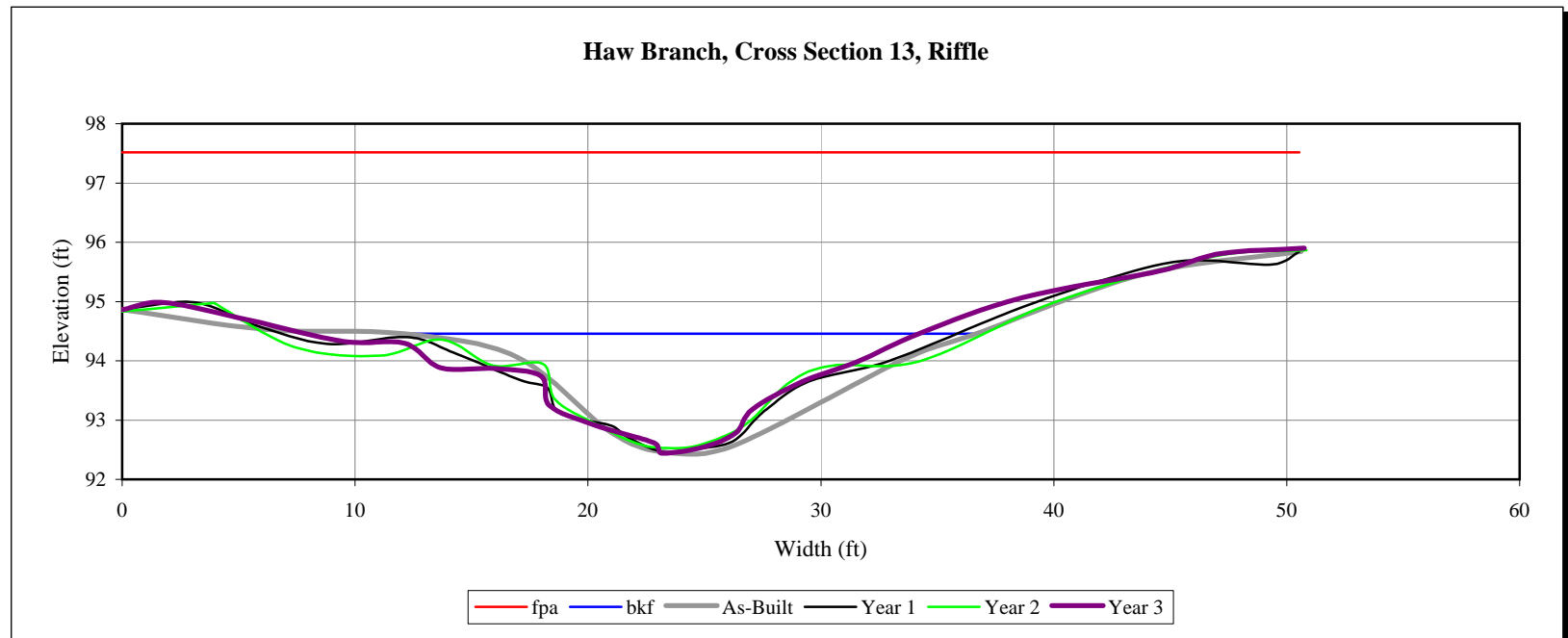




Looking at left bank.



Looking at right bank.

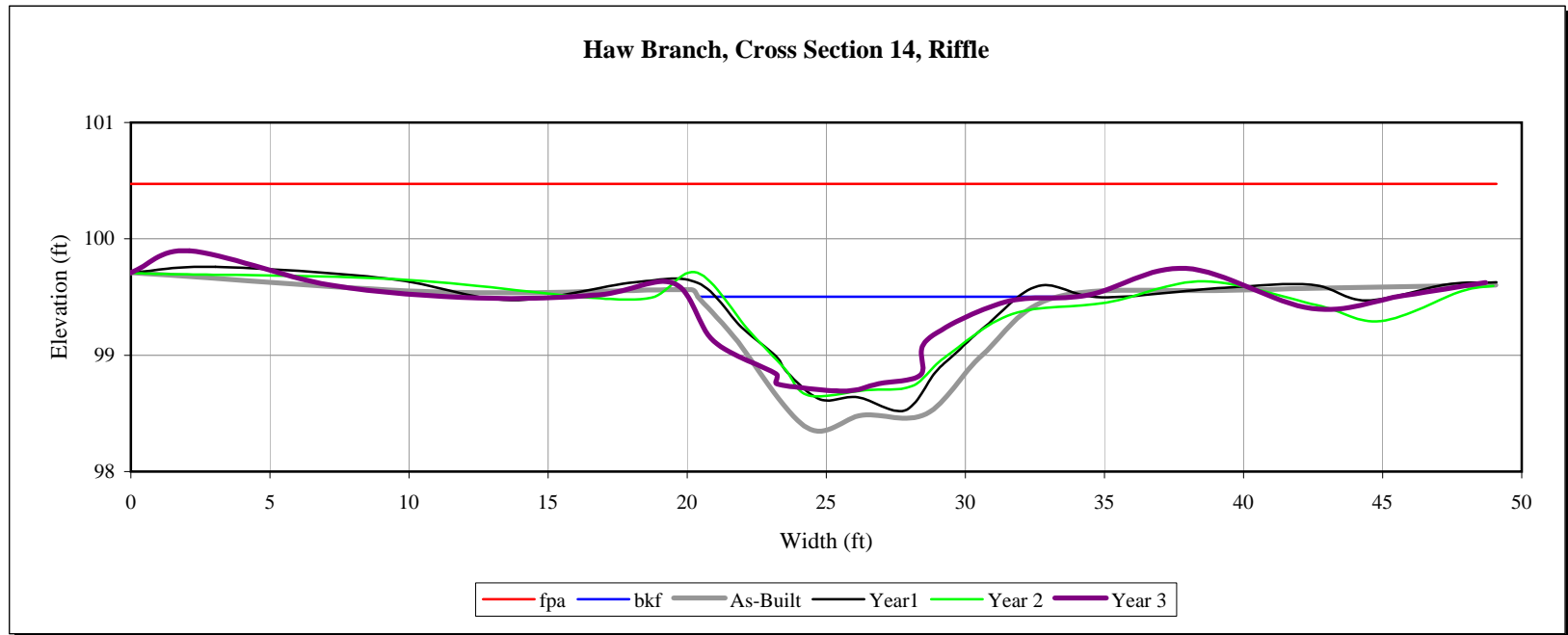




Looking at left bank.



Looking at right bank.

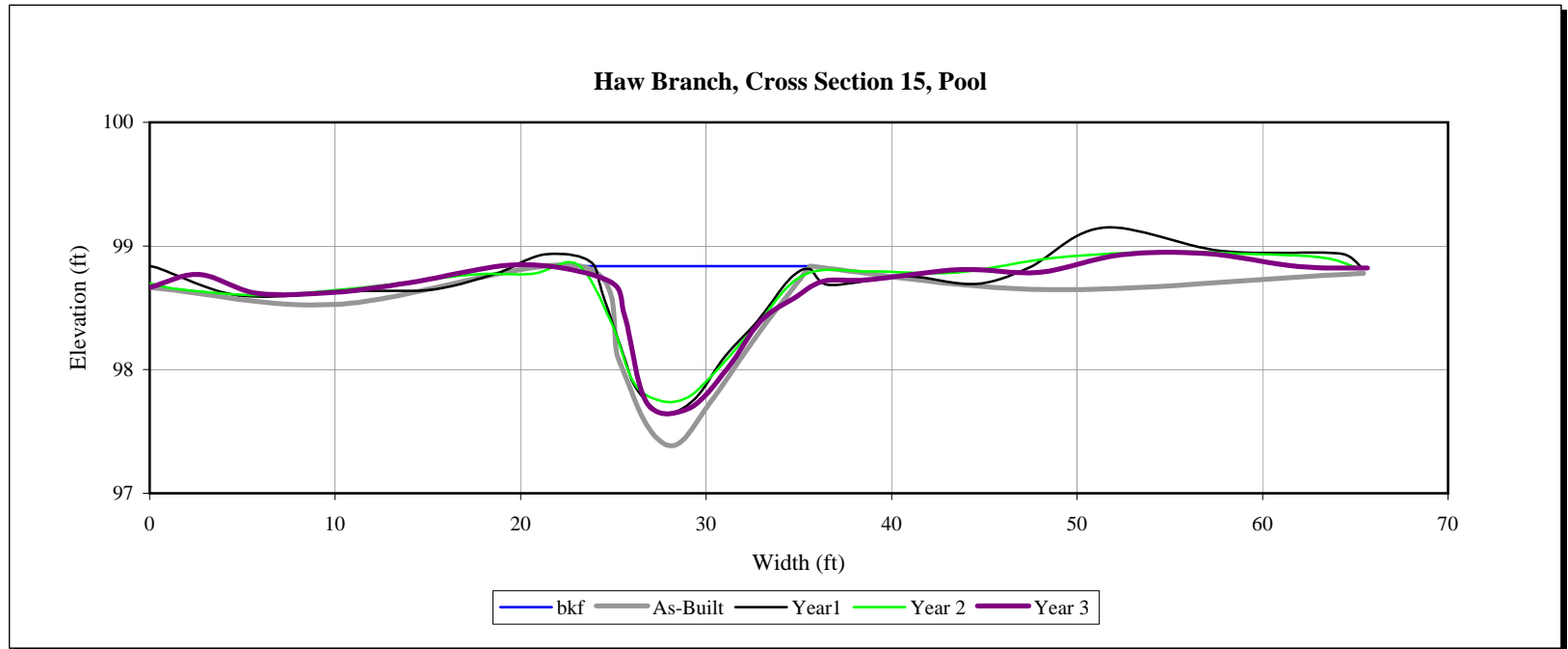




Looking at left bank.



Looking at right bank.

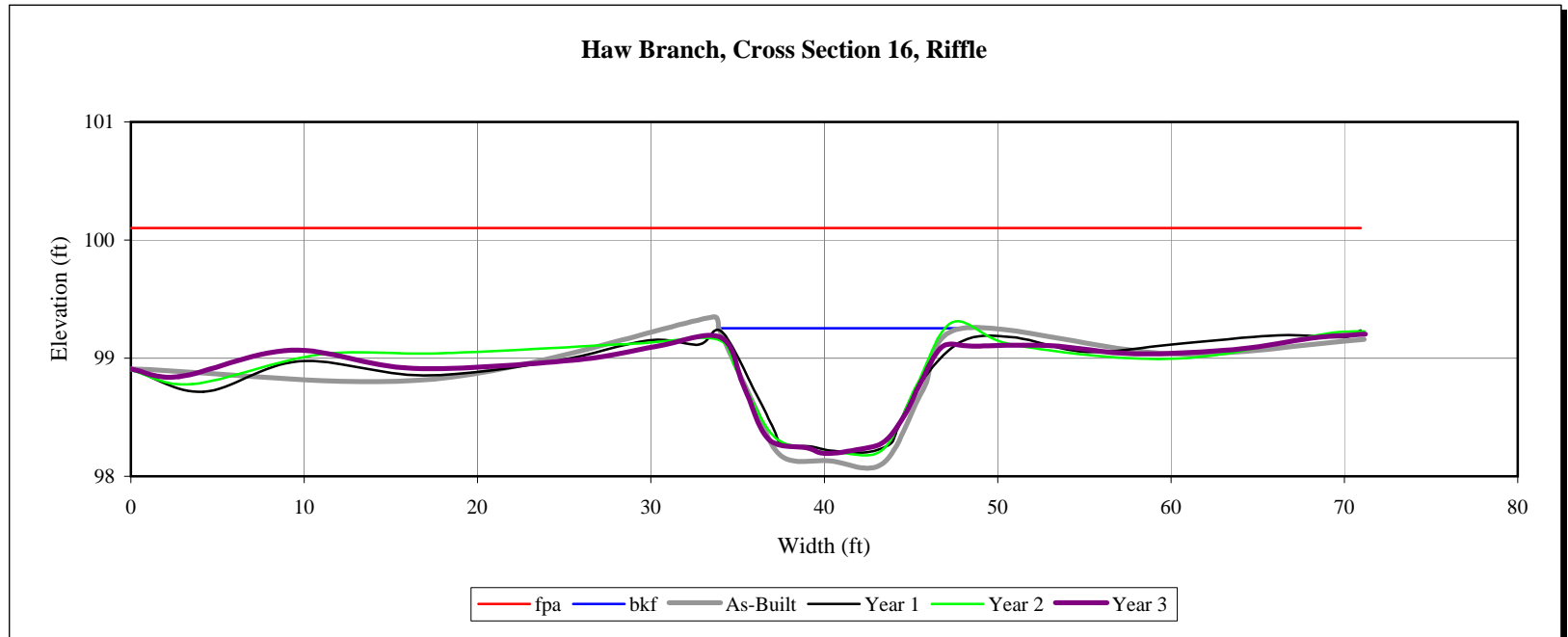




Looking at left bank.



Looking at right bank.

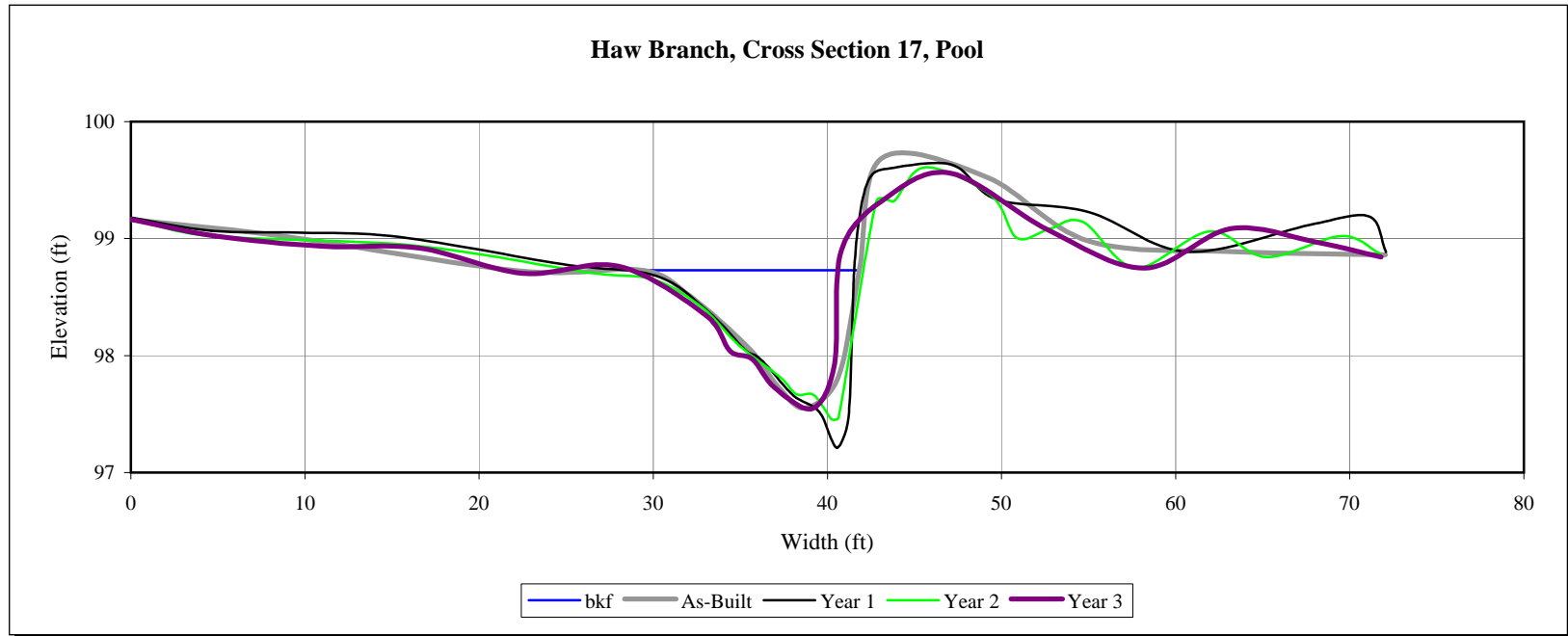




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Looking at right bank.

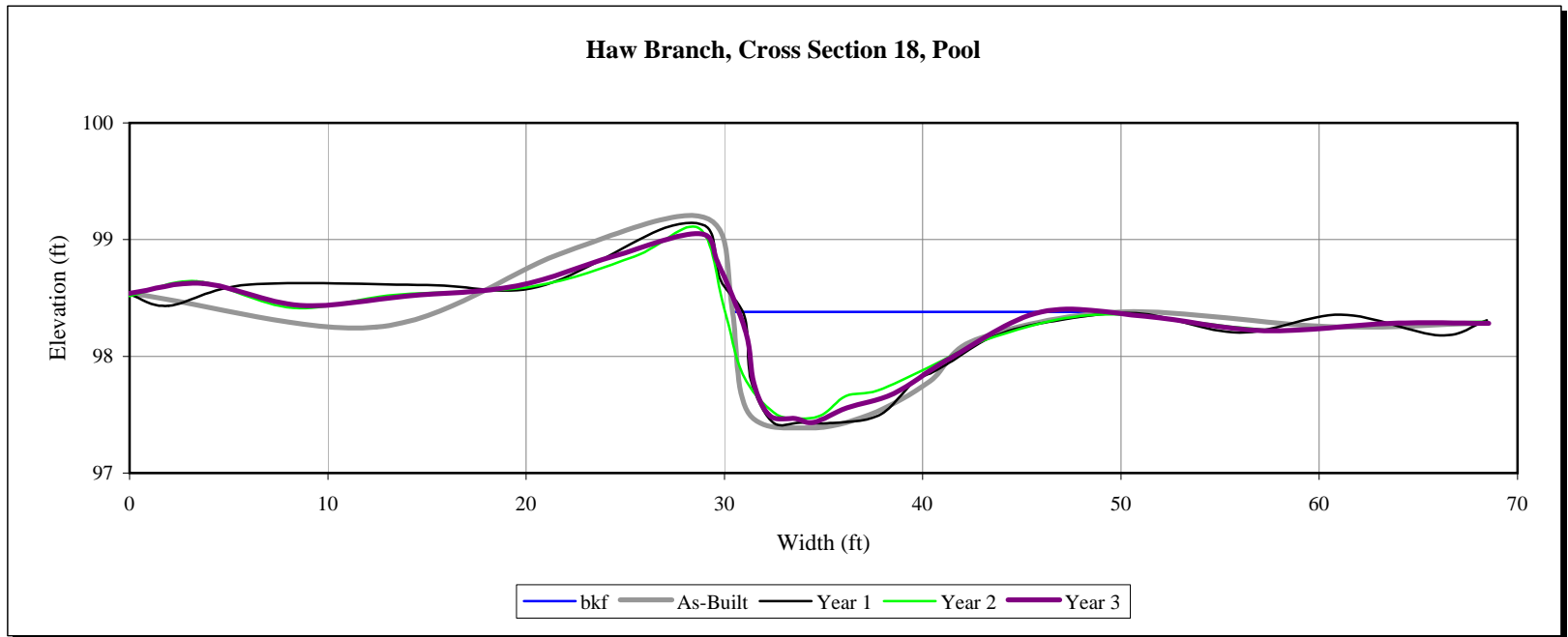




Looking at left bank.



Looking at right bank.

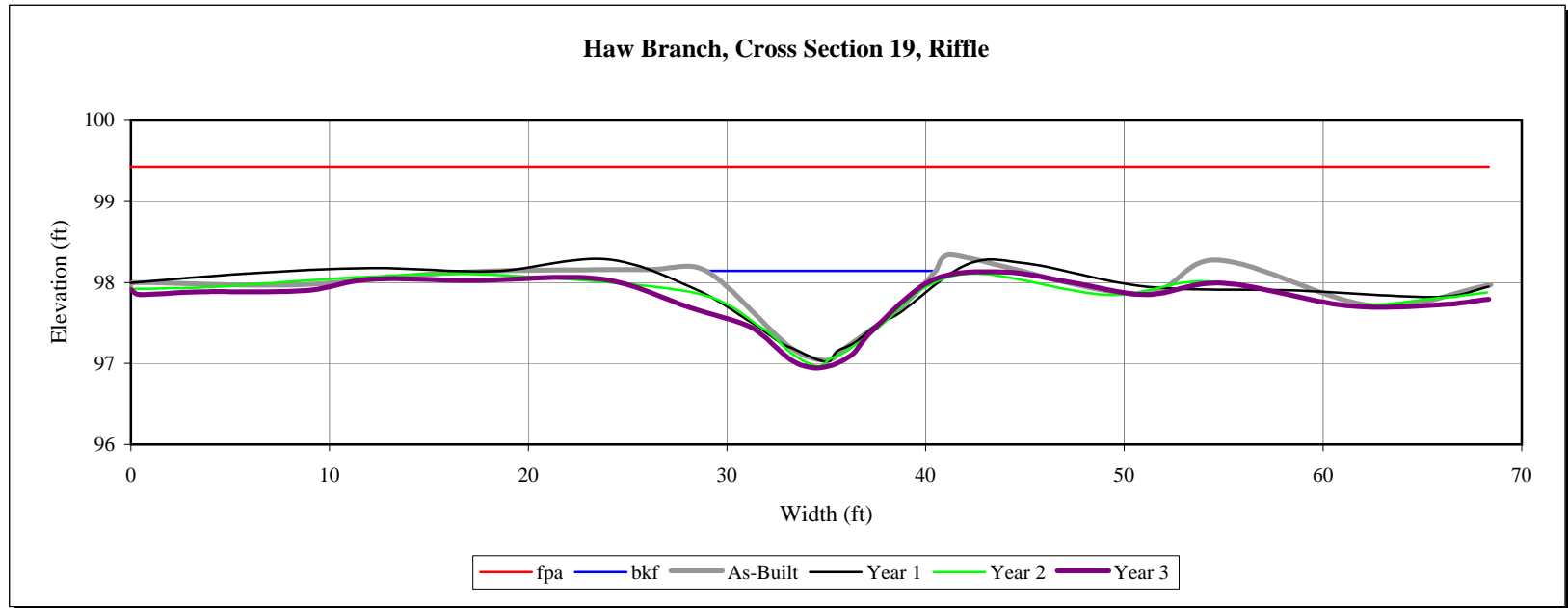




Looking at left bank.



Looking at right bank.

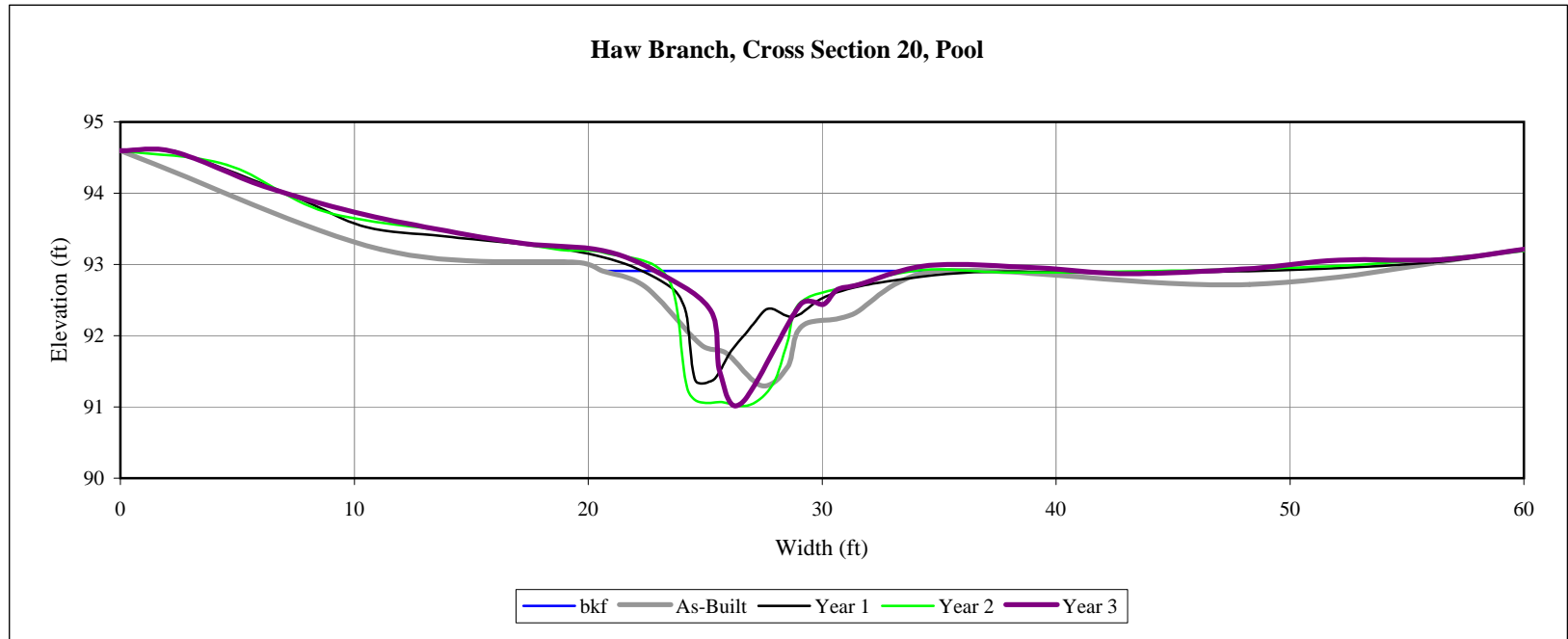




Looking at left bank.



Looking at right bank.

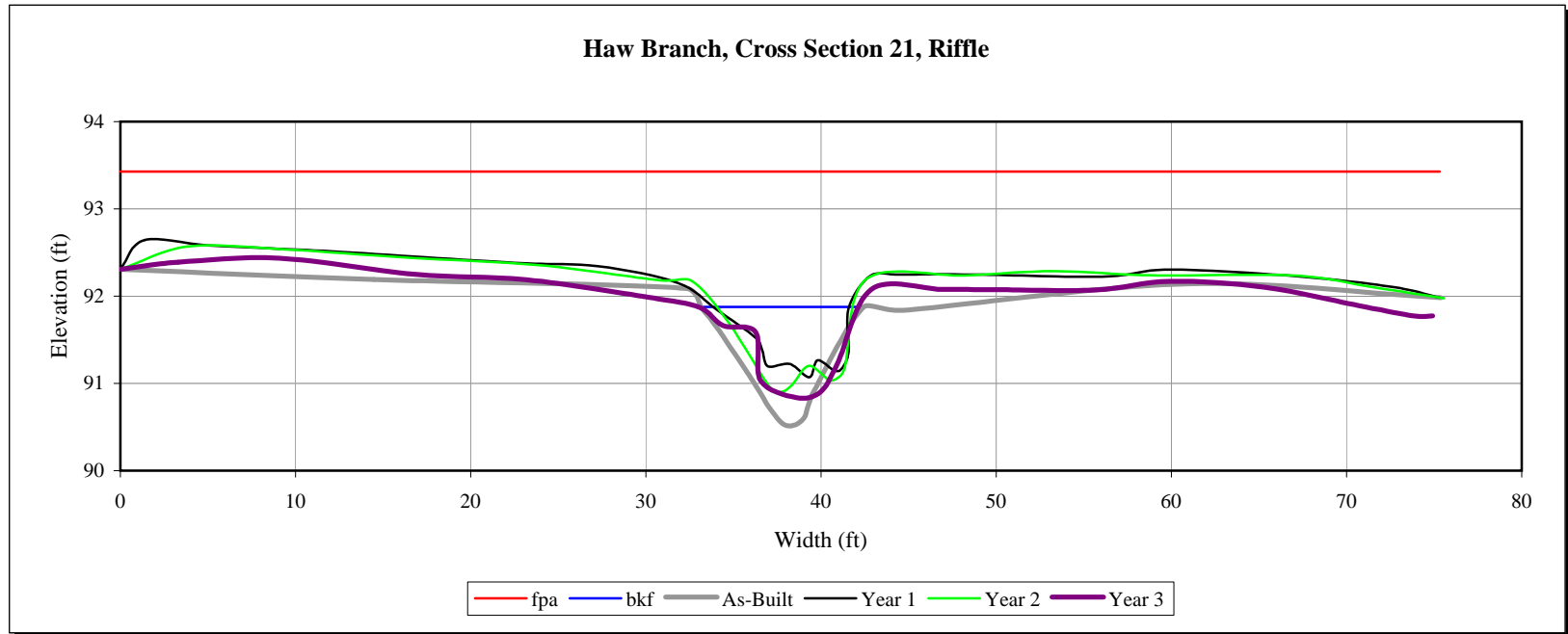




Looking at left bank.



Looking at right bank.



APPENDIX C

2008 Gauge Data

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
1-Jan-2008	06:00:00									
1-Jan-2008	12:00:00									
1-Jan-2008	18:00:00									
1-Jan-2008	24:00:00									
2-Jan-2008	06:00:00									
2-Jan-2008	12:00:00									
2-Jan-2008	18:00:00									
2-Jan-2008	24:00:00									
3-Jan-2008	06:00:00									
3-Jan-2008	12:00:00									
3-Jan-2008	18:00:00									
3-Jan-2008	24:00:00									
4-Jan-2008	06:00:00									
4-Jan-2008	12:00:00									
4-Jan-2008	18:00:00									
4-Jan-2008	24:00:00									
5-Jan-2008	06:00:00									
5-Jan-2008	12:00:00									
5-Jan-2008	18:00:00									
5-Jan-2008	24:00:00									
6-Jan-2008	06:00:00									
6-Jan-2008	12:00:00									
6-Jan-2008	18:00:00									
6-Jan-2008	24:00:00									
7-Jan-2008	06:00:00									
7-Jan-2008	12:00:00									
7-Jan-2008	18:00:00									
7-Jan-2008	24:00:00									
8-Jan-2008	06:00:00									
8-Jan-2008	12:00:00									
8-Jan-2008	18:00:00									
8-Jan-2008	24:00:00									
9-Jan-2008	06:00:00									
9-Jan-2008	12:00:00									
9-Jan-2008	18:00:00									
9-Jan-2008	24:00:00									
10-Jan-2008	06:00:00									
10-Jan-2008	12:00:00									
10-Jan-2008	18:00:00									
10-Jan-2008	24:00:00									
11-Jan-2008	06:00:00									
11-Jan-2008	12:00:00									
11-Jan-2008	18:00:00									
11-Jan-2008	24:00:00									
12-Jan-2008	06:00:00									
12-Jan-2008	12:00:00									
12-Jan-2008	18:00:00									
12-Jan-2008	24:00:00									
13-Jan-2008	06:00:00									
13-Jan-2008	12:00:00									

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
13-Jan-2008	18:00:00									
13-Jan-2008	24:00:00									
14-Jan-2008	06:00:00									
14-Jan-2008	12:00:00									
14-Jan-2008	18:00:00									
14-Jan-2008	24:00:00									
15-Jan-2008	06:00:00									
15-Jan-2008	12:00:00									
15-Jan-2008	18:00:00									
15-Jan-2008	24:00:00									
16-Jan-2008	06:00:00									
16-Jan-2008	12:00:00									
16-Jan-2008	18:00:00									
16-Jan-2008	24:00:00									
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17-Jan-2008	12:00:00									
17-Jan-2008	18:00:00									
17-Jan-2008	24:00:00									
18-Jan-2008	06:00:00									
18-Jan-2008	12:00:00									
18-Jan-2008	18:00:00									
18-Jan-2008	24:00:00									
19-Jan-2008	06:00:00									
19-Jan-2008	12:00:00									
19-Jan-2008	18:00:00									
19-Jan-2008	24:00:00									
20-Jan-2008	06:00:00									
20-Jan-2008	12:00:00									
20-Jan-2008	18:00:00									
20-Jan-2008	24:00:00									
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24-Jan-2008	18:00:00									
24-Jan-2008	24:00:00									
25-Jan-2008	06:00:00									
25-Jan-2008	12:00:00									
25-Jan-2008	18:00:00									
25-Jan-2008	24:00:00									

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
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26-Jan-2008	12:00:00									
26-Jan-2008	18:00:00									
26-Jan-2008	24:00:00									
27-Jan-2008	06:00:00									
27-Jan-2008	12:00:00									
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6-Feb-2008	12:00:00									
6-Feb-2008	18:00:00									
6-Feb-2008	24:00:00									
7-Feb-2008	06:00:00									
7-Feb-2008	12:00:00									

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
7-Feb-2008	18:00:00									
7-Feb-2008	24:00:00									
8-Feb-2008	06:00:00									
8-Feb-2008	12:00:00									
8-Feb-2008	18:00:00									
8-Feb-2008	24:00:00									
9-Feb-2008	06:00:00									
9-Feb-2008	12:00:00									
9-Feb-2008	18:00:00									
9-Feb-2008	24:00:00									
10-Feb-2008	06:00:00									
10-Feb-2008	12:00:00									
10-Feb-2008	18:00:00									
10-Feb-2008	24:00:00									
11-Feb-2008	06:00:00									
11-Feb-2008	12:00:00									
11-Feb-2008	18:00:00									
11-Feb-2008	24:00:00									
12-Feb-2008	06:00:00									
12-Feb-2008	12:00:00									
12-Feb-2008	18:00:00									
12-Feb-2008	24:00:00									
13-Feb-2008	06:00:00									
13-Feb-2008	12:00:00	-1.0	1.0		-0.36	0.67	3.74			
13-Feb-2008	18:00:00	-0.4	1.5	-3.9	0.36	0.87	3.48			
13-Feb-2008	24:00:00	-0.7	1.3	-3.9	0.49	0.45	3.21			
14-Feb-2008	06:00:00	-1.0	1.0	-4.3	0.27	0.12	2.63			
14-Feb-2008	12:00:00	-1.3	0.8	-4.4	-0.04	-0.48	2.27			
14-Feb-2008	18:00:00	-1.5	0.9	-4.2	0.43	-1.06	2.25			
14-Feb-2008	24:00:00	-1.8	0.7	-4.4	0.30	-2.64	2.00			
15-Feb-2008	06:00:00	-2.1	0.7	-4.4	0.14	-4.52	1.50			
15-Feb-2008	12:00:00	-2.2	0.6	-4.4	0.01	-5.91	1.22			
15-Feb-2008	18:00:00	-2.4	0.6	-4.3	0.48	-7.12	1.17			
15-Feb-2008	24:00:00	-2.5	0.5	-4.4	0.48	-8.49	0.86			
16-Feb-2008	06:00:00	-2.7	0.6	-4.4	0.37	-9.59	0.62			
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16-Feb-2008	24:00:00	-3.1	0.5	-4.6	0.52	-12.00	-0.28			
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17-Feb-2008	12:00:00	-2.8	0.4	-4.7	0.16	-13.17	-0.86			
17-Feb-2008	18:00:00	-2.9	0.5	-4.5	0.46	-13.48	-0.92			
17-Feb-2008	24:00:00	-2.9	0.4	-4.4	0.69	-13.82	-1.11			
18-Feb-2008	06:00:00	-0.4	1.6	-2.8	0.75	-4.19	1.44			
18-Feb-2008	12:00:00	0.0	1.8	-3.3	1.20	-2.56	2.48			
18-Feb-2008	18:00:00	0.1	1.7	-3.5	1.53	-1.46	2.66			
18-Feb-2008	24:00:00	0.2	1.6	-3.8	1.32	-2.67	2.52			
19-Feb-2008	06:00:00	0.2	1.5	-3.8	0.96	-4.60	2.25			
19-Feb-2008	12:00:00	0.0	1.2	-4.0	0.70	-6.17	1.80			
19-Feb-2008	18:00:00	-0.2	1.0	-4.1	0.85	-7.36	1.71			
19-Feb-2008	24:00:00	-0.3	1.0	-4.0	0.84	-8.49	1.56			

Date	Time	Water Level (inches)							
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP
20-Feb-2008	06:00:00	-0.5	0.9	-4.2	0.56	-9.65	1.42		
20-Feb-2008	12:00:00	-1.0	0.7	-4.2	0.20	-10.62	0.86		
20-Feb-2008	18:00:00	-1.2	0.7	-4.3	0.50	-11.13	0.87		
20-Feb-2008	24:00:00	-1.6	0.6	-4.3	0.46	-11.87	0.58		
21-Feb-2008	06:00:00	-1.9	0.8	-4.6	0.04	-12.65	0.40		
21-Feb-2008	12:00:00	-2.2	0.7	-4.5	-0.16	-13.32	-0.04		
21-Feb-2008	18:00:00	-2.4	0.8	-4.5	-0.10	-13.74	-0.24		
21-Feb-2008	24:00:00	-0.7	1.1	-3.4	0.04	-9.63	1.22		
22-Feb-2008	06:00:00	-0.2	2.0	-2.4	0.39	0.32	3.66		
22-Feb-2008	12:00:00	0.0	1.9	-3.1	0.58	0.67	3.42		
22-Feb-2008	18:00:00	0.3	1.6	-3.5	0.90	0.36	3.11		
22-Feb-2008	24:00:00	0.4	1.6	-3.7	1.09	0.18	2.76		
23-Feb-2008	06:00:00	0.4	1.5	-3.6	1.17	0.00	2.60		
23-Feb-2008	12:00:00	0.3	1.5	-3.7	1.29	-0.38	2.39		
23-Feb-2008	18:00:00	0.1	1.4	-3.7	1.33	-0.86	2.26		
23-Feb-2008	24:00:00	0.1	1.3	-3.6	1.36	-1.49	2.22		
24-Feb-2008	06:00:00	-0.1	1.3	-3.8	1.23	-2.92	2.12		
24-Feb-2008	12:00:00	-0.3	0.9	-3.9	0.96	-4.67	1.70		
24-Feb-2008	18:00:00	-0.5	1.1	-3.9	1.41	-5.99	1.59		
24-Feb-2008	24:00:00	-0.7	1.0	-3.9	1.42	-7.22	1.56		
25-Feb-2008	06:00:00	-1.0	0.9	-3.9	1.14	-8.44	1.31		
25-Feb-2008	12:00:00	-1.4	0.7	-4.1	0.73	-9.72	0.88		
25-Feb-2008	18:00:00	-1.5	0.9	-3.7	1.16	-10.18	0.96		
25-Feb-2008	24:00:00	-1.7	0.9	-4.1	0.97	-11.08	0.66		
26-Feb-2008	06:00:00	-1.9	0.7	-4.0	0.81	-11.76	0.52		
26-Feb-2008	12:00:00	-1.6	0.9	-3.7	1.10	-11.94	0.51		
26-Feb-2008	18:00:00	-0.9	1.3	-3.4	1.29	-5.57	2.13		
26-Feb-2008	24:00:00	-1.1	1.3	-3.3	1.53	-6.99	2.13		
27-Feb-2008	06:00:00	-1.3	1.2	-3.4	1.35	-8.20	2.09		
27-Feb-2008	12:00:00	-1.6	1.2	-3.7	1.12	-9.45	1.71		
27-Feb-2008	18:00:00	-1.9	1.1	-3.7	1.06	-10.38	1.55		
27-Feb-2008	24:00:00	-2.3	1.2	-3.9	0.70	-11.43	1.26		
28-Feb-2008	06:00:00	-2.6	1.1	-4.2	0.49	-12.42	1.11		
28-Feb-2008	12:00:00	-2.7	0.8	-4.4	-0.09	-13.32	0.56		
28-Feb-2008	18:00:00	-3.0	0.9	-4.4	0.19	-13.71	0.34		
28-Feb-2008	24:00:00	-3.0	1.0	-4.3	0.13	-14.10	0.28		
29-Feb-2008	06:00:00	-3.2	0.9	-4.5	-0.26	-14.66	-0.25		
29-Feb-2008	12:00:00	-2.9	0.6	-4.5	-0.39	-15.14	-0.61		
29-Feb-2008	18:00:00	-3.1	0.8	-4.3	0.33	-15.10	-0.70		
29-Feb-2008	24:00:00	-3.2	0.7	-4.4	0.16	-15.45	-1.03		
1-Mar-2008	06:00:00	-2.9	0.8	-4.4	0.19	-15.68	-1.06		
1-Mar-2008	12:00:00	-3.2	0.6	-4.5	0.14	-15.93	-1.46		
1-Mar-2008	18:00:00	-3.6	0.7	-4.5	0.56	-15.96	-1.70		
1-Mar-2008	24:00:00	-3.5	0.8	-4.3	0.46	-16.16	-1.72		
2-Mar-2008	06:00:00	-3.7	0.8	-4.4	0.19	-16.53	-2.06		
2-Mar-2008	12:00:00	-3.8	0.5	-4.7	-0.30	-17.13	-2.58		
2-Mar-2008	18:00:00	-3.9	0.7	-4.4	0.21	-16.95	-2.64		
2-Mar-2008	24:00:00	-3.9	0.9	-4.3	0.14	-17.16	-2.67		
3-Mar-2008	06:00:00	-4.1	0.7	-4.5	-0.20	-17.48	-2.96		
3-Mar-2008	12:00:00	-3.7	0.5	-4.5	-0.46	-17.90	-3.24		

Date	Time	Water Level (inches)							
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP
3-Mar-2008	18:00:00	-4.0	0.5	-4.5	-0.15	-17.88	-3.28		
3-Mar-2008	24:00:00	-4.0	0.6	-4.5	-0.02	-17.91	-3.27		
4-Mar-2008	06:00:00	-4.0	0.4	-4.4	-0.16	-17.94	-3.28		
4-Mar-2008	12:00:00	-3.7	0.4	-4.5	-0.24	-18.23	-3.26		
4-Mar-2008	18:00:00	-3.6	0.6	-4.1	0.18	-17.88	-2.98		
4-Mar-2008	24:00:00	-0.3	1.0	-3.1	0.34	-15.34	0.28		
5-Mar-2008	06:00:00	-0.5	2.1	-3.1	0.80	-2.84	3.18		
5-Mar-2008	12:00:00	-0.2	1.5	-3.4	0.79	-4.50	2.55		
5-Mar-2008	18:00:00	0.2	1.5	-3.6	1.04	-6.10	2.33		
5-Mar-2008	24:00:00	0.4	1.6	-3.5	1.15	-7.48	2.19		
6-Mar-2008	06:00:00	0.1	1.5	-3.6	0.85	-8.70	2.00		
6-Mar-2008	12:00:00	-0.3	1.1	-3.9	0.61	-9.89	1.52		
6-Mar-2008	18:00:00	-0.5	1.2	-3.8	0.94	-10.66	1.41		
6-Mar-2008	24:00:00	-0.5	1.3	-3.7	1.02	-11.38	1.37		
7-Mar-2008	06:00:00	-0.7	1.2	-3.8	0.93	-12.03	1.26		
7-Mar-2008	12:00:00	0.3	1.5	-2.9	0.82	-6.72	2.16		
7-Mar-2008	18:00:00	0.3	1.9	-2.6	1.10	-1.08	3.10		
7-Mar-2008	24:00:00	0.5	1.8	-3.0	1.46	-1.66	2.87		
8-Mar-2008	06:00:00	0.7	1.8	-2.7	1.51	-0.95	3.04		
8-Mar-2008	12:00:00	0.7	2.0	-2.7	1.75	-0.32	3.11		
8-Mar-2008	18:00:00	0.7	2.1	-3.3	1.88	-0.95	2.78		
8-Mar-2008	24:00:00	0.7	2.1	-3.3	1.40	-2.93	2.58		
9-Mar-2008	06:00:00	0.7	2.0	-3.4	1.02	-5.12	2.43		
9-Mar-2008	12:00:00	0.4	1.6	-3.7	0.45	-6.93	2.08		
9-Mar-2008	18:00:00	0.4	1.5	-3.6	0.73	-8.30	1.72		
9-Mar-2008	24:00:00	0.5	1.7	-3.6	0.79	-9.41	1.73		
10-Mar-2008	06:00:00	0.2	1.5	-3.8	0.48	-10.42	1.43		
10-Mar-2008	12:00:00	-0.1	1.3	-3.9	0.20	-11.42	1.07		
10-Mar-2008	18:00:00	-0.3	1.3	-3.7	0.64	-11.96	1.01		
10-Mar-2008	24:00:00	-0.2	1.3	-3.8	0.69	-12.59	0.88		
11-Mar-2008	06:00:00	-0.2	1.3	-3.8	0.66	-12.98	0.77		
11-Mar-2008	12:00:00	-0.5	1.0	-3.9	0.39	-13.61	0.35		
11-Mar-2008	18:00:00	-0.5	1.2	-3.6	0.84	-13.70	0.47		
11-Mar-2008	24:00:00	-0.5	1.2	-3.8	0.86	-14.13	0.16		
12-Mar-2008	06:00:00	-0.5	1.2	-3.8	0.79	-14.40	0.17		
12-Mar-2008	12:00:00	-1.0	1.0	-4.1	0.31	-14.93	-0.31		
12-Mar-2008	18:00:00	-1.1	0.9	-4.3	0.56	-15.28	-0.63		
12-Mar-2008	24:00:00	-1.2	1.0	-4.1	0.32	-15.57	-0.93		
13-Mar-2008	06:00:00	-1.2	1.0	-4.3	0.14	-15.92	-1.08		
13-Mar-2008	12:00:00	-1.2	0.8	-4.3	-0.11	-16.25	-1.42		
13-Mar-2008	18:00:00	-1.6	0.8	-4.4	0.06	-16.43	-1.81		
13-Mar-2008	24:00:00	-1.5	0.9	-4.3	0.00	-16.67	-1.88		
14-Mar-2008	06:00:00	-1.6	0.9	-4.2	-0.17	-16.83	-2.14		
14-Mar-2008	12:00:00	-1.6	0.8	-4.3	-0.33	-17.13	-2.37		
14-Mar-2008	18:00:00	-1.8	0.9	-4.2	-0.02	-17.12	-2.55		
14-Mar-2008	24:00:00	-1.9	1.0	-4.2	-0.09	-17.37	-2.62		
15-Mar-2008	06:00:00	-2.1	0.9	-4.5	-0.40	-17.58	-2.90		
15-Mar-2008	12:00:00	-2.2	0.6	-4.5	-0.81	-18.08	-3.19		
15-Mar-2008	18:00:00	-1.7	0.9	-4.0	-0.23	-17.84	-3.01		
15-Mar-2008	24:00:00	-0.3	1.6	-3.2	-0.05	-10.82	1.31		

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
16-Mar-2008	06:00:00	-0.5	1.6	-3.6	-0.02	-11.73	1.38			
16-Mar-2008	12:00:00	-0.6	1.5	-3.9	-0.23	-12.81	1.10			
16-Mar-2008	18:00:00	-0.8	1.3	-4.0	-0.23	-13.58	0.77			
16-Mar-2008	24:00:00	-0.8	1.3	-4.0	-0.41	-14.22	0.63			
17-Mar-2008	06:00:00	-0.9	1.4	-4.3	-0.65	-14.79	0.40			
17-Mar-2008	12:00:00	-1.1	0.9	-4.5	-1.04	-15.60	-0.26			
17-Mar-2008	18:00:00	-1.2	1.1	-4.4	-0.62	-15.75	-0.58			
17-Mar-2008	24:00:00	-1.1	1.2	-4.3	-0.50	-15.98	-0.70			
18-Mar-2008	06:00:00	-1.2	1.1	-4.4	-0.66	-16.42	-1.12	-3.53		
18-Mar-2008	12:00:00	-1.1	1.0	-4.4	-0.81	-16.85	-1.44	0.00		
18-Mar-2008	18:00:00	-1.2	0.9	-4.3	-0.42	-16.97	-1.74	-3.09		
18-Mar-2008	24:00:00	-1.4	0.9	-4.3	-0.34	-17.21	-1.82	0.00		
19-Mar-2008	06:00:00	-1.4	0.9	-4.2	-0.22	-17.33	-2.02	-2.74		
19-Mar-2008	12:00:00	-1.5	0.8	-4.2	-0.18	-17.57	-2.14	0.00		
19-Mar-2008	18:00:00	-1.6	1.0	-4.1	0.27	-17.62	-2.37	-2.80		
19-Mar-2008	24:00:00	-0.4	1.2	-3.3	0.48	-16.02	-0.02	0.00		
20-Mar-2008	06:00:00	-0.6	1.4	-3.5	0.68	-14.45	0.17	-1.17		
20-Mar-2008	12:00:00	-1.3	1.3	-4.0	0.36	-15.15	-0.32	0.00		
20-Mar-2008	18:00:00	-1.7	1.1	-4.3	0.38	-15.89	-0.90	-3.26		
20-Mar-2008	24:00:00	-1.7	1.4	-4.3	0.10	-16.43	-1.28	0.00		
21-Mar-2008	06:00:00	-1.8	1.3	-4.6	-0.46	-16.98	-1.80	-3.91		
21-Mar-2008	12:00:00	-1.9	1.0	-4.7	-1.01	-17.61	-2.55	0.00		
21-Mar-2008	18:00:00	-2.2	0.8	-4.8	-0.62	-17.76	-2.95	-3.99		
21-Mar-2008	24:00:00	-1.9	1.1	-4.6	-0.56	-17.99	-3.20	0.00		
22-Mar-2008	06:00:00	-1.9	0.9	-4.7	-0.72	-18.18	-3.38	-3.46		
22-Mar-2008	12:00:00	-2.1	0.9	-4.7	-0.83	-18.54	-3.46	0.00		
22-Mar-2008	18:00:00	-2.5	0.8	-4.9	-0.52	-18.60	-3.94	-4.13		
22-Mar-2008	24:00:00	-2.4	1.0	-5.2	-0.60	-18.77	-4.06	0.00		
23-Mar-2008	06:00:00	-2.6	0.8	-5.2	-1.17	-19.17	-4.36	-4.55		
23-Mar-2008	12:00:00	-2.8	0.6	-5.5	-1.60	-19.58	-4.76	0.00		
23-Mar-2008	18:00:00	-2.9	0.7	-5.4	-1.50	-19.71	-4.98	-4.86		
23-Mar-2008	24:00:00	-2.8	0.7	-5.4	-1.68	-19.77	-5.06	0.00		
24-Mar-2008	06:00:00	-3.0	0.6	-5.6	-1.96	-19.97	-5.13	-4.86		
24-Mar-2008	12:00:00	-3.1	0.2	-5.8	-2.55	-20.38	-5.38	0.00		
24-Mar-2008	18:00:00	-3.3	0.3	-6.0	-2.34	-20.25	-5.68	-5.11		
24-Mar-2008	24:00:00	-3.4	0.3	-6.2	-2.73	-20.55	-5.72	0.00		
25-Mar-2008	06:00:00	-3.6	0.1	-6.5	-3.24	-20.66	-5.85	-5.57		
25-Mar-2008	12:00:00	-3.8	-0.2	-6.6	-3.76	-21.14	-6.30	0.00		
25-Mar-2008	18:00:00	-3.9	-0.1	-6.6	-4.20	-21.10	-6.36	-5.65		
25-Mar-2008	24:00:00	-3.9	-0.2	-6.8	-5.01	-21.27	-6.30	0.00		
26-Mar-2008	06:00:00	-3.8	0.0	-6.8	-5.40	-21.12	-6.16	-5.55		
26-Mar-2008	12:00:00	-5.1	-0.6	-6.6	-5.62	-21.68	-6.39	0.00		
26-Mar-2008	18:00:00	-5.4	-0.7	-7.0	-5.91	-21.82	-6.69	-5.76		
26-Mar-2008	24:00:00	-6.0	-0.7	-6.9	-6.51	-21.64	-6.54	0.00		
27-Mar-2008	06:00:00	-6.5	-0.7	-6.9	-7.01	-21.72	-6.44	-5.56		
27-Mar-2008	12:00:00	-7.0	-0.9	-6.9	-7.54	-22.10	-6.44	0.00		
27-Mar-2008	18:00:00	-7.2	-1.2	-7.3	-7.76	-21.95	-6.94	-5.62		
27-Mar-2008	24:00:00	-7.6	-1.1	-7.3	-8.13	-22.10	-6.87	0.00		
28-Mar-2008	06:00:00	-7.9	-1.3	-7.2	-8.48	-22.13	-6.68	-5.44		
28-Mar-2008	12:00:00	-8.2	-1.6	-7.5	-8.78	-22.47	-7.00	0.00		

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
28-Mar-2008	18:00:00	-8.2	-1.9	-8.1	-8.79	-22.49	-7.70	-6.00		
28-Mar-2008	24:00:00	-8.4	-1.9	-8.0	-8.96	-22.46	-7.65	0.00		
29-Mar-2008	06:00:00	-8.8	-2.0	-8.4	-9.35	-22.56	-7.90	-6.62		
29-Mar-2008	12:00:00	-9.3	-2.3	-8.9	-9.84	-22.76	-8.48	0.00		
29-Mar-2008	18:00:00	-9.6	-2.6	-9.3	-10.10	-22.83	-8.91	-7.34		
29-Mar-2008	24:00:00	-10.0	-2.8	-9.5	-10.53	-23.06	-9.34	0.00		
30-Mar-2008	06:00:00	-10.5	-3.1	-9.7	-11.01	-23.07	-9.50	-6.79		
30-Mar-2008	12:00:00	-11.1	-2.7	-8.1	-11.60	-23.30	-9.07	0.00		
30-Mar-2008	18:00:00	-10.5	-0.8	-5.3	-11.03	-22.73	-4.16	-0.91		
30-Mar-2008	24:00:00	-8.7	-0.6	-4.5	-9.22	-21.60	-2.92	0.00		
31-Mar-2008	06:00:00	-7.9	-0.6	-4.6	-8.40	-20.52	-2.36	-1.04		
31-Mar-2008	12:00:00	-7.1	-0.3	-4.5	-7.66	-19.59	-1.83	0.00		
31-Mar-2008	18:00:00	-6.7	-0.2	-4.6	-7.29	-19.04	-2.31	-1.91		
31-Mar-2008	24:00:00	-6.5	-0.1	-4.7	-7.02	-18.81	-2.67	0.00		
1-Apr-2008	06:00:00	-6.2	-0.1	-4.5	-6.70	-18.57	-1.80	-1.48		
1-Apr-2008	12:00:00	-5.8	0.7	-3.7	-6.32	-16.19	0.65	0.00		
1-Apr-2008	18:00:00	-4.9	1.0	-3.9	-5.44	-10.97	1.40	-0.69		
1-Apr-2008	24:00:00	-4.2	1.0	-3.9	-4.73	-12.03	1.35	0.00		
2-Apr-2008	06:00:00	-3.7	1.0	-4.0	-4.28	-13.04	1.07	-1.33		
2-Apr-2008	12:00:00	-3.4	0.9	-4.2	-3.95	-13.89	0.87	0.00		
2-Apr-2008	18:00:00	-2.9	0.9	-4.5	-3.41	-14.61	0.47	-2.46		
2-Apr-2008	24:00:00	-2.8	0.8	-4.4	-3.36	-15.12	0.17	0.00		
3-Apr-2008	06:00:00	-2.7	1.2	-3.3	-3.26	-11.69	1.71	0.06		
3-Apr-2008	12:00:00	-2.4	1.6	-3.0	-2.99	-5.88	2.69	0.00		
3-Apr-2008	18:00:00	-2.0	1.4	-3.3	-2.54	-7.18	2.43	-0.53		
3-Apr-2008	24:00:00	-1.5	1.3	-3.2	-2.07	-7.73	2.36	0.00		
4-Apr-2008	06:00:00	-1.0	1.4	-3.3	-1.56	-9.05	2.25	-0.63		
4-Apr-2008	12:00:00	-0.9	1.3	-3.6	-1.44	-10.28	1.86	0.00		
4-Apr-2008	18:00:00	-0.3	1.2	-3.6	-0.81	-11.14	1.64	-0.77		
4-Apr-2008	24:00:00	0.1	1.3	-3.5	-0.41	-11.88	1.48	0.00		
5-Apr-2008	06:00:00	0.5	2.5	-2.1	0.00	-0.36	3.89	0.05		
5-Apr-2008	12:00:00	0.7	2.7	-1.6	0.16	1.47	4.62	0.00		
5-Apr-2008	18:00:00	1.2	5.0	0.4	0.69	3.14	10.72	2.33		
5-Apr-2008	24:00:00	2.0	4.8	-0.1	1.45	3.07	16.05	0.00		
6-Apr-2008	06:00:00	2.7	4.0	-1.2	2.20	2.13	14.94	1.67		
6-Apr-2008	12:00:00	3.1	3.8	-1.8	2.60	1.40	12.16	0.00		
6-Apr-2008	18:00:00	3.5	3.7	-2.0	2.98	0.93	8.30	1.14		
6-Apr-2008	24:00:00	3.5	3.5	-2.2	2.96	0.45	5.02	0.00		
7-Apr-2008	06:00:00	3.6	3.7	-2.3	3.07	0.16	3.87	0.80		
7-Apr-2008	12:00:00	3.3	3.4	-2.3	2.77	-0.30	3.29	0.00		
7-Apr-2008	18:00:00	3.4	3.3	-2.5	2.88	-0.80	3.04	0.54		
7-Apr-2008	24:00:00	3.2	3.4	-2.6	2.66	-1.59	2.84	0.00		
8-Apr-2008	06:00:00	3.0	3.3	-2.7	2.50	-2.76	2.82	0.22		
8-Apr-2008	12:00:00	2.6	3.0	-2.9	2.07	-4.25	2.43	0.00		
8-Apr-2008	18:00:00	2.9	3.0	-2.8	2.31	-5.54	2.37	-0.02		
8-Apr-2008	24:00:00	2.8	3.0	-2.8	2.28	-6.44	2.32	0.00		
9-Apr-2008	06:00:00	2.5	2.8	-2.8	1.98	-7.60	2.21	-0.12		
9-Apr-2008	12:00:00	2.4	2.8	-2.7	1.83	-8.62	2.07	0.00		
9-Apr-2008	18:00:00	2.5	2.7	-3.0	1.99	-9.68	1.96	-0.20		
9-Apr-2008	24:00:00	2.6	2.7	-2.9	2.06	-10.43	1.82	0.00		

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
10-Apr-2008	06:00:00	2.5	2.7	-2.9	1.96	-11.20	1.80	-0.33		
10-Apr-2008	12:00:00	2.3	2.5	-2.9	1.80	-11.97	1.64	0.00		
10-Apr-2008	18:00:00	2.7	2.5	-3.0	2.20	-12.70	1.56	-0.41		
10-Apr-2008	24:00:00	2.9	2.6	-2.8	2.32	-13.23	1.49	0.00		
11-Apr-2008	06:00:00	2.7	2.4	-2.8	2.16	-13.62	1.37	-0.56		
11-Apr-2008	12:00:00	2.5	2.1	-2.9	1.94	-14.38	0.98	0.00		
11-Apr-2008	18:00:00	2.8	2.0	-3.3	2.30	-15.05	0.72	0.00		
11-Apr-2008	24:00:00	2.8	2.0	-3.2	2.28	-15.36	0.69	-3.10		
12-Apr-2008	06:00:00	2.6	2.0	-3.2	2.04	-15.65	0.58	-2.44	-7.38	
12-Apr-2008	12:00:00	2.2	1.7	-3.4	1.64	-16.47	0.02	-2.79	-5.13	
12-Apr-2008	18:00:00	2.7	2.7	-2.4	2.11	-9.22	2.69	-2.33	-4.65	
12-Apr-2008	24:00:00	2.7	2.6	-2.5	2.17	-10.05	2.55	-3.74	-6.29	
13-Apr-2008	06:00:00	2.5	2.4	-2.8	1.98	-11.18	2.39	-2.02	-2.68	
13-Apr-2008	12:00:00	2.2	2.1	-3.0	1.63	-12.50	1.82	-2.48	-3.50	
13-Apr-2008	18:00:00	2.4	2.1	-3.2	1.87	-13.76	1.56	-1.93	-3.27	
13-Apr-2008	24:00:00	2.1	2.1	-3.3	1.59	-14.37	1.43	-3.04	-4.80	
14-Apr-2008	06:00:00	1.8	2.2	-3.4	1.22	-15.02	1.14	-2.27	-4.49	
14-Apr-2008	12:00:00	1.3	1.9	-3.5	0.75	-15.84	0.76	-3.08	-5.74	
14-Apr-2008	18:00:00	1.4	1.8	-3.5	0.85	-16.29	0.56	-2.77	-5.66	
14-Apr-2008	24:00:00	1.1	1.9	-3.5	0.56	-16.61	0.54	-3.37	-6.39	
15-Apr-2008	06:00:00	0.8	1.9	-3.6	0.28	-16.91	0.15	-2.80	-5.98	
15-Apr-2008	12:00:00	0.3	1.6	-3.8	-0.20	-17.62	-0.46	-3.56	-6.72	
15-Apr-2008	18:00:00	0.5	1.7	-4.0	-0.02	-17.92	-0.91	-3.28	-6.50	
15-Apr-2008	24:00:00	0.3	1.5	-4.0	-0.26	-18.27	-1.21	-4.22	-7.43	
16-Apr-2008	06:00:00	0.0	1.5	-4.3	-0.57	-18.65	-1.59	-3.61	-6.84	
16-Apr-2008	12:00:00	-0.4	1.3	-4.3	-0.96	-19.04	-2.16	-4.45	-8.06	
16-Apr-2008	18:00:00	-0.1	1.3	-4.5	-0.64	-19.41	-3.04	-3.37	-7.14	
16-Apr-2008	24:00:00	0.0	1.5	-4.3	-0.58	-19.46	-3.02	-4.87	-8.34	
17-Apr-2008	06:00:00	-0.3	1.4	-4.5	-0.89	-19.74	-3.19	-4.28	-8.09	
17-Apr-2008	12:00:00	-0.6	1.0	-4.6	-1.18	-20.26	-3.86	-4.59	-8.78	
17-Apr-2008	18:00:00	-0.2	1.0	-4.6	-0.77	-20.49	-4.42	-3.77	-8.24	
17-Apr-2008	24:00:00	-0.3	1.2	-4.5	-0.81	-20.57	-4.51	-4.99	-9.23	
18-Apr-2008	06:00:00	-0.4	1.1	-4.8	-0.99	-20.90	-4.47	-4.43	-9.11	
18-Apr-2008	12:00:00	-0.8	0.9	-4.8	-1.34	-21.27	-4.99	-4.79	-9.58	
18-Apr-2008	18:00:00	-0.4	0.9	-5.0	-0.99	-21.46	-5.56	-3.86	-8.93	
18-Apr-2008	24:00:00	-0.5	1.0	-5.0	-1.06	-21.52	-5.30	-5.27	-10.14	
19-Apr-2008	06:00:00	-0.9	1.0	-5.1	-1.42	-21.82	-5.25	-4.42	-10.10	
19-Apr-2008	12:00:00	-1.2	0.8	-5.1	-1.71	-22.00	-5.86	-4.75	-10.58	
19-Apr-2008	18:00:00	-1.7	0.9	-5.3	-2.22	-22.08	-6.34	-3.94	-9.76	
19-Apr-2008	24:00:00	-2.5	0.9	-5.3	-3.09	-22.29	-5.84	-5.41	-11.37	
20-Apr-2008	06:00:00	-3.1	1.1	-4.1	-3.60	-22.30	-2.16	-4.58	-11.06	
20-Apr-2008	12:00:00	-2.7	1.3	-3.5	-3.28	-18.60	-0.32	-4.77	-11.38	
20-Apr-2008	18:00:00	-2.1	1.3	-3.7	-2.67	-18.20	-0.61	-1.75	-7.53	
20-Apr-2008	24:00:00	-1.8	1.4	-3.7	-2.33	-18.20	-0.15	-3.01	-7.83	
21-Apr-2008	06:00:00	-1.7	1.4	-3.7	-2.25	-18.28	-0.27	-2.30	-8.06	
21-Apr-2008	12:00:00	-1.7	1.3	-4.0	-2.27	-18.65	-0.72	-2.93	-8.60	
21-Apr-2008	18:00:00	-1.1	4.7	-0.4	-1.66	4.26	12.38	-2.59	-8.28	
21-Apr-2008	24:00:00	-0.5	3.9	-1.6	-1.02	2.34	13.61	-3.40	-9.38	
22-Apr-2008	06:00:00	0.0	4.4	-0.6	-0.51	2.82	11.15	-0.03	0.84	
22-Apr-2008	12:00:00	0.6	4.1	-1.1	0.02	1.87	11.51	-0.99	0.28	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
22-Apr-2008	18:00:00	1.2	3.6	-2.3	0.69	1.02	8.67	-0.03	1.11	
22-Apr-2008	24:00:00	1.5	3.6	-2.3	0.98	0.81	4.80	-0.80	0.36	
23-Apr-2008	06:00:00	1.8	3.7	-2.6	1.21	0.43	3.89	-0.44	0.32	
23-Apr-2008	12:00:00	2.0	3.4	-1.9	1.41	0.04	3.42	-1.45	-0.29	
23-Apr-2008	18:00:00	1.5	3.4	-2.2	1.68	-0.09	3.10	-0.87	-0.92	
23-Apr-2008	24:00:00	1.4	3.3	-2.3	1.95	-0.69	2.94	-1.10	-0.50	
24-Apr-2008	06:00:00	1.2	3.2	-2.4	1.99	-1.67	2.82	-1.24	-0.83	
24-Apr-2008	12:00:00	1.1	3.0	-2.4	1.98	-3.23	2.50	-1.70	-1.44	
24-Apr-2008	18:00:00	1.0	3.0	-2.5	2.50	-5.25	2.36	-1.12	-0.95	
24-Apr-2008	24:00:00	1.0	3.1	-2.6	2.72	-6.86	2.20	-1.99	-2.24	
25-Apr-2008	06:00:00	0.9	3.0	-2.8	2.53	-8.46	2.13	-1.70	-2.26	
25-Apr-2008	12:00:00	0.6	2.7	-3.0	2.28	-9.96	1.70	-2.31	-3.06	
25-Apr-2008	18:00:00	0.5	2.7	-3.0	2.78	-11.34	1.67	-1.78	-2.75	
25-Apr-2008	24:00:00	0.4	2.8	-3.1	2.74	-12.30	1.48	-2.55	-4.25	
26-Apr-2008	06:00:00	0.4	2.8	-3.2	2.49	-13.01	1.44	-2.23	-4.36	
26-Apr-2008	12:00:00	0.3	2.5	-3.4	2.10	-13.86	0.98	-2.68	-4.92	
26-Apr-2008	18:00:00	0.2	2.6	-3.3	2.55	-14.67	0.66	-2.15	-4.29	
26-Apr-2008	24:00:00	0.2	2.6	-3.4	2.41	-15.05	0.60	-3.11	-5.86	
27-Apr-2008	06:00:00	0.2	2.4	-3.3	1.87	-15.54	0.40	-2.54	-5.57	
27-Apr-2008	12:00:00	0.1	2.3	-2.9	1.51	-16.12	-0.04	-3.15	-6.18	
27-Apr-2008	18:00:00	0.4	2.5	-2.7	1.88	-15.63	0.75	-2.26	-5.60	
27-Apr-2008	24:00:00	0.4	2.6	-2.7	1.78	-15.26	0.64	-3.44	-7.11	
28-Apr-2008	06:00:00	0.4	2.5	-3.0	1.72	-15.68	0.63	-1.49	-5.07	
28-Apr-2008	12:00:00	0.3	2.5	-1.8	1.46	-16.14	0.35	-2.65	-5.85	
28-Apr-2008	18:00:00	1.1	3.2	-1.8	1.81	-9.00	2.79	-2.07	-5.26	
28-Apr-2008	24:00:00	1.1	3.1	-2.3	2.01	-5.90	3.11	-1.79	-4.86	
29-Apr-2008	06:00:00	1.0	2.9	-2.6	1.95	-7.43	2.76	-1.59	-2.22	
29-Apr-2008	12:00:00	0.8	2.6	-3.1	1.84	-9.26	2.20	-2.51	-2.93	
29-Apr-2008	18:00:00	0.5	2.5	-3.0	1.92	-11.19	1.90	-2.13	-2.69	
29-Apr-2008	24:00:00	0.5	2.6	-3.1	1.83	-12.18	1.80	-3.25	-4.65	
30-Apr-2008	06:00:00	0.5	2.5	-3.4	1.41	-13.02	1.53	-2.87	-4.68	
30-Apr-2008	12:00:00	0.3	2.2	-3.7	1.05	-14.04	1.07	-3.59	-5.44	
30-Apr-2008	18:00:00	-0.1	2.1	-3.5	1.22	-15.15	0.62	-3.13	-4.97	
30-Apr-2008	24:00:00	0.0	2.2	-3.7	1.15	-15.59	0.58	-4.60	-6.59	
1-May-2008	06:00:00	-0.1	2.1	-3.7	0.74	-16.17	0.36	-4.30	-6.52	
1-May-2008	12:00:00	-0.4	1.8	-4.2	0.45	-16.83	-0.28	-4.67	-7.01	
1-May-2008	18:00:00	-0.9	1.7	-4.2	0.69	-17.49	-0.93	-3.82	-6.40	
1-May-2008	24:00:00	-0.7	1.7	-4.2	0.51	-17.78	-1.02	-5.66	-8.08	
2-May-2008	06:00:00	-0.8	1.7	-4.4	0.09	-18.16	-1.48	-5.24	-8.04	
2-May-2008	12:00:00	-1.1	1.4	-4.6	-0.22	-18.53	-2.11	-5.39	-8.39	
2-May-2008	18:00:00	-1.4	1.5	-4.6	0.31	-18.93	-2.77	-4.65	-7.68	
2-May-2008	24:00:00	-1.4	1.4	-4.6	0.04	-19.26	-2.98	-6.47	-9.29	
3-May-2008	06:00:00	-1.3	1.4	-4.8	-0.22	-19.58	-3.20	-5.75	-9.18	
3-May-2008	12:00:00	-1.7	1.1	-5.1	-0.52	-19.94	-3.76	-5.83	-9.80	
3-May-2008	18:00:00	-2.0	1.1	-5.3	-0.16	-20.31	-4.47	-4.94	-8.78	
3-May-2008	24:00:00	-1.9	1.2	-4.1	-0.52	-20.58	-4.57	-6.75	-10.52	
4-May-2008	06:00:00	-0.8	1.3	-4.2	-0.83	-20.30	-2.48	-6.26	-10.66	
4-May-2008	12:00:00	-1.3	1.0	-4.7	-1.02	-20.07	-3.36	-4.81	-10.65	
4-May-2008	18:00:00	-2.1	1.0	-5.0	-0.59	-20.61	-4.63	-3.65	-8.90	
4-May-2008	24:00:00	-1.9	1.0	-4.0	-0.92	-20.92	-4.75	-5.83	-10.72	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
5-May-2008	06:00:00	-1.0	1.2	-4.3	-1.08	-20.46	-2.76	-5.80	-11.21	
5-May-2008	12:00:00	-1.4	0.9	-3.5	-1.49	-20.57	-3.48	-3.89	-10.06	
5-May-2008	18:00:00	-0.1	1.3	-3.5	-1.37	-20.15	-1.39	-4.27	-9.02	
5-May-2008	24:00:00	-0.4	1.4	-3.8	-1.32	-18.95	-1.65	-3.61	-10.30	
6-May-2008	06:00:00	-0.6	1.3	-4.3	-1.54	-18.95	-2.05	-2.86	-9.04	
6-May-2008	12:00:00	-0.9	1.0	-4.6	-1.72	-19.42	-2.82	-3.62	-9.11	
6-May-2008	18:00:00	-1.3	0.9	-4.5	-1.37	-20.03	-3.73	-3.53	-8.57	
6-May-2008	24:00:00	-1.1	1.2	-4.7	-1.44	-20.16	-3.80	-4.83	-10.49	
7-May-2008	06:00:00	-1.1	1.1	-4.9	-1.85	-20.48	-4.16	-4.84	-10.73	
7-May-2008	12:00:00	-1.5	0.8	-5.5	-2.13	-21.02	-4.96	-5.66	-10.94	
7-May-2008	18:00:00	-2.0	0.8	-5.5	-1.85	-21.29	-6.02	-4.84	-9.93	
7-May-2008	24:00:00	-1.7	0.9	-5.6	-2.28	-21.57	-5.96	-7.16	-12.17	
8-May-2008	06:00:00	-1.7	0.8	-5.7	-2.75	-21.76	-5.83	-6.56	-12.40	
8-May-2008	12:00:00	-1.9	0.5	-5.9	-3.06	-22.01	-5.96	-6.62	-12.33	
8-May-2008	18:00:00	-2.1	0.6	-5.8	-3.50	-22.18	-6.26	-5.84	-11.25	
8-May-2008	24:00:00	-1.8	0.5	-5.6	-4.19	-22.24	-5.85	-6.85	-12.90	
9-May-2008	06:00:00	-1.6	0.6	-5.4	-4.71	-22.29	-5.30	-6.23	-12.66	
9-May-2008	12:00:00	-1.6	0.4	-6.6	-4.95	-22.34	-4.93	-5.85	-12.36	
9-May-2008	18:00:00	-2.7	0.3	-6.1	-5.06	-22.53	-6.43	-4.31	-11.68	
9-May-2008	24:00:00	-1.0	0.4	-3.7	-5.64	-22.65	-5.72	-7.00	-13.73	
10-May-2008	06:00:00	-0.3	1.5	-4.1	-5.62	-18.53	-0.55	-6.62	-13.70	
10-May-2008	12:00:00	-0.5	1.3	-4.7	-5.50	-18.30	-1.28	-2.39	-9.63	
10-May-2008	18:00:00	-1.2	1.1	-4.9	-5.08	-18.93	-2.59	-2.92	-9.24	
10-May-2008	24:00:00	-1.1	1.1	-4.9	-4.97	-19.53	-3.09	-4.39	-11.38	
11-May-2008	06:00:00	-1.0	1.1	-2.7	-5.06	-19.82	-3.45	-4.43	-11.86	
11-May-2008	12:00:00	0.9	1.8	-2.0	-4.83	-17.64	0.88	-5.27	-12.36	
11-May-2008	18:00:00	1.2	2.3	-2.8	-4.11	-11.19	2.24	-1.88	-10.98	
11-May-2008	24:00:00	0.8	2.5	-3.1	-3.63	-9.62	2.38	-2.79	-7.38	
12-May-2008	06:00:00	0.8	2.4	-3.6	-3.27	-10.90	2.24	-2.20	-5.01	
12-May-2008	12:00:00	0.3	2.1	-3.9	-3.28	-12.50	1.67	-2.45	-5.37	
12-May-2008	18:00:00	0.2	2.0	-4.1	-3.08	-13.72	1.34	-2.93	-6.18	
12-May-2008	24:00:00	0.3	2.1	-4.3	-3.00	-14.40	1.16	-3.75	-7.85	
13-May-2008	06:00:00	0.1	1.9	-4.7	-3.23	-15.18	0.70	-3.59	-8.03	
13-May-2008	12:00:00	-0.4	1.5	-5.0	-3.47	-16.13	0.00	-4.24	-8.96	
13-May-2008	18:00:00	-0.7	1.4	-5.0	-2.92	-16.95	-0.70	-4.54	-9.14	
13-May-2008	24:00:00	-0.6	1.5	-5.0	-2.84	-17.49	-1.14	-6.26	-10.80	
14-May-2008	06:00:00	-0.6	1.5	-5.4	-2.88	-18.02	-1.47	-5.90	-11.69	
14-May-2008	12:00:00	-0.9	1.2	-5.7	-3.09	-18.74	-2.44	-6.25	-12.39	
14-May-2008	18:00:00	-1.2	1.2	-5.5	-2.44	-19.24	-3.54	-5.24	-11.51	
14-May-2008	24:00:00	-1.2	1.2	-5.5	-2.44	-19.58	-3.76	-6.98	-13.23	
15-May-2008	06:00:00	-0.9	1.2	-5.6	-2.49	-19.89	-3.78	-6.10	-13.78	
15-May-2008	12:00:00	-1.2	1.0	-6.1	-2.52	-20.32	-4.39	-6.05	-14.01	
15-May-2008	18:00:00	-1.5	1.0	-5.5	-2.21	-20.76	-5.18	-4.89	-13.23	
15-May-2008	24:00:00	-1.1	1.0	-3.7	-2.12	-20.87	-4.89	-6.47	-14.24	
16-May-2008	06:00:00	0.3	1.4	-4.0	-1.92	-20.70	-1.04	-5.15	-14.32	
16-May-2008	12:00:00	-0.4	1.2	-4.4	-2.00	-19.34	-1.87	-4.93	-14.25	
16-May-2008	18:00:00	-0.8	1.1	-4.9	-1.53	-19.61	-3.14	-2.55	-12.15	
16-May-2008	24:00:00	-1.0	1.2	-5.3	-1.74	-20.06	-3.80	-4.12	-13.70	
17-May-2008	06:00:00	-1.0	1.1	-5.8	-2.15	-20.45	-4.27	-4.53	-15.08	
17-May-2008	12:00:00	-1.4	0.8	-6.5	-2.26	-21.15	-5.54	-5.44	-14.84	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
17-May-2008	18:00:00	-2.1	0.6	-6.7	-2.13	-21.81	-7.06	-5.72	-14.19	
17-May-2008	24:00:00	-1.8	0.8	-6.7	-2.20	-21.88	-6.96	-7.85	-15.88	
18-May-2008	06:00:00	-1.8	0.7	-7.2	-2.64	-22.20	-6.73	-7.27	-16.24	
18-May-2008	12:00:00	-2.3	0.5	-8.5	-2.80	-22.53	-7.44	-7.01	-16.13	
18-May-2008	18:00:00	-3.0	0.4	-5.3	-2.67	-22.90	-8.77	-6.53	-15.08	
18-May-2008	24:00:00	-0.3	0.9	-5.5	-3.03	-22.92	-2.53	-9.09	-17.21	
19-May-2008	06:00:00	-1.1	0.7	-5.9	-3.46	-22.04	-3.43	-4.23	-17.00	
19-May-2008	12:00:00	-1.7	0.4	-7.0	-3.59	-22.05	-4.92	-4.30	-15.34	
19-May-2008	18:00:00	-2.6	0.4	-7.2	-3.46	-22.35	-6.84	-4.34	-14.12	
19-May-2008	24:00:00	-2.4	0.5	-7.3	-3.68	-22.55	-6.88	-7.18	-16.01	
20-May-2008	06:00:00	-2.3	0.2	-7.9	-4.12	-22.78	-6.75	-7.05	-17.02	
20-May-2008	12:00:00	-3.1	0.1	-9.3	-4.23	-23.16	-7.69	-7.18	-17.09	
20-May-2008	18:00:00	-3.6	-0.1	-3.2	-4.28	-23.49	-9.07	-6.49	-16.25	
20-May-2008	24:00:00	0.3	1.9	-3.5	-4.54	-10.59	2.43	-8.74	-17.90	
21-May-2008	06:00:00	0.1	1.6	-4.0	-4.31	-10.73	2.06	-1.63	-11.39	
21-May-2008	12:00:00	-0.3	1.2	-4.3	-4.32	-12.64	1.55	-2.68	-9.39	
21-May-2008	18:00:00	-0.6	1.2	-4.3	-3.87	-14.20	0.96	-2.69	-9.58	
21-May-2008	24:00:00	-0.5	1.3	-4.7	-3.51	-15.09	0.81	-4.25	-11.82	
22-May-2008	06:00:00	-0.7	1.2	-4.9	-3.57	-15.93	0.36	-3.99	-12.48	
22-May-2008	12:00:00	-1.1	0.9	-5.7	-3.52	-17.02	-0.50	-4.93	-13.62	
22-May-2008	18:00:00	-1.9	0.9	-5.8	-3.12	-18.04	-1.60	-4.60	-13.02	
22-May-2008	24:00:00	-1.7	0.9	-6.2	-3.11	-18.63	-2.20	-7.17	-15.20	
23-May-2008	06:00:00	-1.8	0.8	-6.7	-3.29	-19.34	-2.74	-6.81	-16.28	
23-May-2008	12:00:00	-2.4	0.6	-7.3	-3.56	-20.03	-3.84	-7.05	-16.91	
23-May-2008	18:00:00	-3.0	0.5	-7.3	-3.15	-20.63	-5.46	-6.41	-15.72	
23-May-2008	24:00:00	-2.5	0.7	-7.5	-3.22	-20.88	-5.62	-8.69	-17.21	
24-May-2008	06:00:00	-2.5	0.5	-3.9	-3.44	-21.44	-5.88	-7.64	-17.84	
24-May-2008	12:00:00	-0.1	0.9	-4.4	-3.64	-20.82	-0.56	-7.52	-17.92	
24-May-2008	18:00:00	-0.6	0.9	-4.5	-3.27	-18.95	-1.22	-2.63	-16.78	
24-May-2008	24:00:00	-0.8	1.1	-4.9	-3.17	-18.83	-1.72	-2.75	-14.16	
25-May-2008	06:00:00	-1.1	1.0	-5.3	-3.28	-19.14	-2.20	-3.39	-14.34	
25-May-2008	12:00:00	-1.6	0.7	-5.8	-3.28	-19.91	-3.46	-4.34	-14.82	
25-May-2008	18:00:00	-2.4	0.7	-6.0	-2.84	-20.69	-5.08	-4.33	-14.21	
25-May-2008	24:00:00	-2.3	0.6	-6.5	-2.86	-21.06	-5.52	-6.67	-16.49	
26-May-2008	06:00:00	-2.5	0.7	-7.0	-3.20	-21.47	-5.72	-6.47	-17.58	
26-May-2008	12:00:00	-3.2	0.4	-8.0	-3.09	-22.22	-6.96	-7.09	-17.88	
26-May-2008	18:00:00	-4.0	0.2	-8.2	-2.73	-22.49	-8.74	-6.41	-16.58	
26-May-2008	24:00:00	-3.4	0.1	-8.3	-3.17	-22.83	-8.46	-9.22	-18.63	
27-May-2008	06:00:00	-3.3	0.1	-9.5	-3.40	-23.09	-8.29	-8.79	-18.89	
27-May-2008	12:00:00	-4.6	-0.3	-11.1	-3.34	-23.63	-9.58	-8.69	-19.05	
27-May-2008	18:00:00	-5.4	-0.7	-11.4	-3.18	-24.05	-11.07	-8.38	-17.84	
27-May-2008	24:00:00	-4.7	-0.9	-11.3	-3.76	-24.38	-11.07	-11.49	-19.85	
28-May-2008	06:00:00	-4.6	-1.3	-11.3	-4.17	-24.57	-11.22	-11.23	-20.26	
28-May-2008	12:00:00	-4.8	-1.6	-4.2	-4.50	-24.76	-11.50	-10.88	-20.07	
28-May-2008	18:00:00	-0.3	0.9	-4.1	-4.91	-21.32	0.18	-10.58	-19.29	
28-May-2008	24:00:00	-0.6	1.0	-4.5	-5.08	-17.70	0.38	-6.02	-11.24	
29-May-2008	06:00:00	-0.9	0.9	-4.8	-4.96	-17.10	0.36	-2.08	-12.38	
29-May-2008	12:00:00	-1.5	0.9	-5.3	-4.86	-17.74	-0.44	-3.39	-12.51	
29-May-2008	18:00:00	-2.4	0.8	-5.3	-4.40	-18.72	-1.52	-3.61	-14.62	
29-May-2008	24:00:00	-2.2	0.8	-5.5	-4.13	-19.17	-1.99	-5.57	-15.58	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
30-May-2008	06:00:00	-2.4	0.9	-6.0	-3.99	-19.53	-2.53	-5.53	-16.00	
30-May-2008	12:00:00	-3.0	0.4	-6.2	-3.99	-20.42	-3.88	-6.21	-15.53	
30-May-2008	18:00:00	-3.5	0.5	-6.3	-3.28	-20.80	-5.29	-6.01	-17.30	
30-May-2008	24:00:00	-3.1	0.4	-6.4	-3.27	-21.26	-5.64	-7.99	-17.78	
31-May-2008	06:00:00	-3.0	0.3	-7.0	-3.42	-21.62	-5.83	-7.45	-17.54	
31-May-2008	12:00:00	-4.3	-0.1	-7.9	-3.46	-22.23	-7.08	-7.36	-16.84	
31-May-2008	18:00:00	-4.9	-0.2	-8.2	-3.15	-22.65	-8.42	-7.19	-18.94	
31-May-2008	24:00:00	-4.4	-0.3	-8.6	-3.10	-23.07	-8.43	-9.85	-19.53	
1-Jun-2008	06:00:00	-4.4	-0.6	-9.7	-3.33	-23.30	-8.61	-9.62	-19.41	
1-Jun-2008	12:00:00	-5.9	-1.3	-8.8	-3.53	-23.90	-10.21	-9.63	-18.36	
1-Jun-2008	18:00:00	-4.1	-1.2	-4.7	-3.22	-24.16	-9.75	-9.79	-20.63	
1-Jun-2008	24:00:00	-0.9	0.6	-4.6	-3.45	-23.86	-3.70	-12.91	-18.42	
2-Jun-2008	06:00:00	-1.0	0.7	-5.1	-3.56	-23.03	-2.78	-2.11	-16.38	
2-Jun-2008	12:00:00	-1.9	0.5	-6.1	-3.63	-22.66	-4.41	-3.02	-14.99	
2-Jun-2008	18:00:00	-4.0	0.3	-6.3	-3.42	-23.15	-7.04	-2.77	-17.07	
2-Jun-2008	24:00:00	-3.7	0.3	-6.5	-3.45	-23.28	-7.14	-5.73	-18.47	
3-Jun-2008	06:00:00	-3.7	0.3	-7.2	-3.60	-23.49	-7.38	-6.39	-18.64	
3-Jun-2008	12:00:00	-4.5	0.0	-8.2	-3.75	-23.98	-8.42	-6.97	-17.27	
3-Jun-2008	18:00:00	-5.5	-0.4	-8.4	-3.64	-24.32	-10.33	-6.49	-19.18	
3-Jun-2008	24:00:00	-4.9	-0.5	-8.8	-3.69	-24.51	-10.28	-9.10	-20.14	
4-Jun-2008	06:00:00	-4.6	-0.8	-9.9	-3.95	-24.76	-10.50	-8.93	-19.77	
4-Jun-2008	12:00:00	-6.3	-1.3	-12.3	-4.10	-25.22	-11.90	-9.14	-18.92	
4-Jun-2008	18:00:00	-7.6	-2.8	-12.8	-3.89	-25.62	-13.84	-8.86	-21.18	
4-Jun-2008	24:00:00	-6.8	-3.2	-13.0	-4.13	-25.78	-14.18	-12.71	-22.02	
5-Jun-2008	06:00:00	-6.7	-3.6	-14.4	-4.65	-26.06	-14.40	-13.13	-21.82	
5-Jun-2008	12:00:00	-8.5	-4.8	-15.9	-5.02	-26.48	-15.50	-12.81	-20.60	
5-Jun-2008	18:00:00	-9.7	-6.5	-15.2	-5.38	-26.96	-17.06	-13.17	-22.67	
5-Jun-2008	24:00:00	-8.6	-6.5	-15.5	-5.85	-27.09	-17.13	-16.35	-23.33	
6-Jun-2008	06:00:00	-8.5	-7.0	-16.7	-6.75	-27.48	-17.31	-15.87	-23.10	
6-Jun-2008	12:00:00	-10.7	-8.4	-18.0	-7.42	-27.88	-18.00	-15.35	-21.63	
6-Jun-2008	18:00:00	-12.2	-10.4	-17.7	-7.79	-28.37	-19.33	-15.39	-23.55	
6-Jun-2008	24:00:00	-11.6	-10.7	-17.7	-8.20	-28.53	-19.47	-18.63	-24.54	
7-Jun-2008	06:00:00	-11.6	-11.2	-19.0	-8.90	-28.70	-19.59	-18.81	-24.08	
7-Jun-2008	12:00:00	-13.5	-12.6	-20.2	-9.44	-29.14	-20.22	-18.10	-23.16	
7-Jun-2008	18:00:00	-15.3	-14.3	-20.0	-9.54	-29.46	-21.15	-18.17	-24.69	
7-Jun-2008	24:00:00	-15.3	-14.9	-20.1	-9.99	-29.51	-21.33	-21.02	-25.44	
8-Jun-2008	06:00:00	-15.4	-15.2	-21.3	-10.68	-29.79	-21.63	-21.13	-25.26	
8-Jun-2008	12:00:00	-16.9	-16.2	-22.1	-11.34	-30.28	-22.22	-20.85	-24.39	
8-Jun-2008	18:00:00	-18.2	-17.5	-22.1	-11.31	-30.56	-22.94	-20.77	-25.70	
8-Jun-2008	24:00:00	-18.4	-17.9	-22.1	-11.78	-30.71	-23.31	-23.09	-25.98	
9-Jun-2008	06:00:00	-18.7	-18.2	-23.3	-12.23	-30.81	-23.47	-23.08	-26.08	
9-Jun-2008	12:00:00	-19.8	-19.3	-17.8	-12.89	-31.34	-23.94	-23.11	-24.94	
9-Jun-2008	18:00:00	-14.2	-14.5	-17.6	-11.24	-31.35	-23.42	-23.01	-26.24	
9-Jun-2008	24:00:00	-14.9	-14.6	-18.4	-11.80	-31.54	-23.36	-24.91	-26.19	
10-Jun-2008	06:00:00	-15.6	-15.0	-19.9	-12.51	-31.67	-23.30	-16.06	-26.25	
10-Jun-2008	12:00:00	-16.8	-16.2	-21.8	-13.08	-32.04	-23.86	-17.03	-25.30	
10-Jun-2008	18:00:00	-18.8	-18.0	-22.7	-13.35	-32.31	-24.61	-17.51	-26.40	
10-Jun-2008	24:00:00	-19.4	-18.6	-22.9	-13.76	-32.42	-25.16	-20.65	-26.91	
11-Jun-2008	06:00:00	-19.8	-18.8	-23.6	-14.10	-32.54	-25.38	-21.67	-27.42	
11-Jun-2008	12:00:00	-20.7	-19.5	-24.3	-14.45	-32.85	-25.68	-22.51	-26.12	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
11-Jun-2008	18:00:00	-21.6	-20.6	-24.6	-14.56	-33.00	-26.18	-22.03	-26.69	
11-Jun-2008	24:00:00	-21.9	-21.0	-24.8	-14.68	-33.09	-26.46	-24.03	-26.32	
12-Jun-2008	06:00:00	-22.3	-21.4	-25.4	-15.12	-33.27	-26.76	-24.07	-26.97	
12-Jun-2008	12:00:00	-23.1	-22.0	-26.2	-15.47	-33.58	-27.15	-24.89	-25.71	
12-Jun-2008	18:00:00	-24.0	-23.0	-26.5	-15.72	-33.95	-27.67	-24.47	-27.09	
12-Jun-2008	24:00:00	-24.4	-23.4	-26.6	-15.94	-33.99	-27.84	-26.56	-27.33	
13-Jun-2008	06:00:00	-24.9	-23.8	-27.3	-16.22	-34.13	-28.11	-26.97	-27.88	
13-Jun-2008	12:00:00	-25.4	-24.5	-27.7	-16.79	-34.52	-28.56	-27.65	-26.86	
13-Jun-2008	18:00:00	-26.0	-25.0	-27.7	-16.95	-34.78	-28.81	-27.28	-27.46	
13-Jun-2008	24:00:00	-26.3	-25.3	-27.8	-17.16	-34.76	-28.98	-28.46	-27.75	
14-Jun-2008	06:00:00	-26.7	-25.7	-28.4	-17.55	-34.96	-29.43	-28.58	-28.26	
14-Jun-2008	12:00:00	-27.3	-26.3	-28.6	-18.05	-35.44	-29.89	-29.08	-27.32	
14-Jun-2008	18:00:00	-27.7	-26.6	-28.9	-18.02	-35.69	-30.04	-28.94	-28.17	
14-Jun-2008	24:00:00	-28.2	-27.1	-28.7	-18.22	-35.76	-30.32	-30.11	-28.41	
15-Jun-2008	06:00:00	-28.2	-27.1	-28.6	-18.53	-35.86	-30.54	-30.19	-28.73	
15-Jun-2008	12:00:00	-28.2	-26.9	-29.0	-18.92	-36.04	-30.75	-30.70	-27.77	
15-Jun-2008	18:00:00	-28.5	-27.2	-29.2	-19.19	-36.24	-30.96	-29.84	-27.75	
15-Jun-2008	24:00:00	-28.8	-27.5	-29.2	-19.42	-36.33	-31.15	-30.23	-27.70	
16-Jun-2008	06:00:00	-28.9	-27.6	-29.8	-19.58	-36.42	-31.28	-30.47	-27.72	
16-Jun-2008	12:00:00	-29.4	-28.1	-30.1	-20.03	-36.89	-31.63	-30.79	-26.97	
16-Jun-2008	18:00:00	-29.7	-28.2	-30.4	-20.04	-36.94	-31.72	-30.67	-27.96	
16-Jun-2008	24:00:00	-30.1	-28.7	-30.5	-20.34	-37.16	-32.01	-31.71	-28.20	
17-Jun-2008	06:00:00	-30.5	-29.0	-31.0	-20.56	-37.37	-32.19	-31.48	-29.21	
17-Jun-2008	12:00:00	-30.9	-29.4	-31.3	-21.06	-37.71	-32.67	-32.49	-28.29	
17-Jun-2008	18:00:00	-31.1	-29.7	-31.3	-21.09	-38.06	-32.86	-32.11	-28.90	
17-Jun-2008	24:00:00	-31.4	-29.9	-31.6	-21.16	-38.06	-32.82	-32.95	-29.15	
18-Jun-2008	06:00:00	-31.8	-30.2	-32.1	-21.45	-38.19	-33.15	-32.84	-29.43	
18-Jun-2008	12:00:00	-32.3	-30.6	-32.5	-21.98	-38.62	-33.55	-33.38	-28.89	
18-Jun-2008	18:00:00	-32.6	-30.9	-32.5	-22.01	-38.90	-33.80	-33.53	-29.80	
18-Jun-2008	24:00:00	-32.9	-31.1	-32.9	-22.02	-38.91	-33.73	-34.46	-29.85	
19-Jun-2008	06:00:00	-33.3	-31.5	-33.4	-22.35	-39.22	-34.16	-34.11	-30.69	
19-Jun-2008	12:00:00	-33.8	-31.8	-33.7	-22.98	-39.51	-34.56	-35.12	-29.48	
19-Jun-2008	18:00:00	-34.0	-32.2	-33.7	-23.07	-40.00	-34.77	-34.73	-30.66	
19-Jun-2008	24:00:00	-34.4	-32.5	-33.9	-23.27	-40.06	-34.93	-35.91	-30.64	
20-Jun-2008	06:00:00	-34.7	-32.7	-34.4	-23.46	-40.12	-35.18	-35.65	-30.96	
20-Jun-2008	12:00:00	-35.0	-33.1	-34.6	-23.92	-40.59	-35.50	-36.20	-30.05	
20-Jun-2008	18:00:00	-35.3	-33.3	-34.7	-24.08	-40.82	-35.74	-35.96	-30.65	
20-Jun-2008	24:00:00	-35.6	-33.6	-34.8	-24.33	-41.03	-35.96	-36.69	-30.89	
21-Jun-2008	06:00:00	-36.0	-33.7	-34.7	-24.62	-41.12	-36.19	-36.65	-31.10	
21-Jun-2008	12:00:00	-36.2	-33.9	-34.6	-24.90	-41.32	-36.48	-37.15	-30.21	
21-Jun-2008	18:00:00	-36.2	-33.8	-34.7	-25.10	-41.48	-36.69	-36.97	-30.16	
21-Jun-2008	24:00:00	-36.3	-33.8	-34.6	-25.29	-41.57	-36.70	-37.41	-29.51	
22-Jun-2008	06:00:00	-36.4	-33.8	-35.1	-25.36	-41.61	-36.88	-37.05	-29.55	
22-Jun-2008	12:00:00	-36.7	-34.1	-35.3	-25.95	-41.99	-37.28	-37.06	-28.72	
22-Jun-2008	18:00:00	-36.8	-34.2	-35.1	-25.94	-42.12	-37.29	-36.89	-29.62	
22-Jun-2008	24:00:00	-36.8	-34.3	-35.4	-25.98	-42.24	-37.38	-37.76	-29.16	
23-Jun-2008	06:00:00	-36.9	-34.4	-35.8	-26.18	-42.32	-37.52	-36.89	-29.43	
23-Jun-2008	12:00:00	-37.2	-34.6	-36.0	-26.39	-42.50	-37.93	-37.46	-29.04	
23-Jun-2008	18:00:00	-37.3	-34.7	-36.0	-26.68	-42.57	-37.93	-37.54	-29.81	
23-Jun-2008	24:00:00	-37.6	-34.9	-36.2	-26.88	-42.63	-38.19	-38.30	-30.00	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
24-Jun-2008	06:00:00	-37.8	-35.1	-36.5	-27.17	-42.65	-38.41	-37.90	-30.50	
24-Jun-2008	12:00:00	-38.1	-35.4	-31.0	-27.59	-42.70	-38.73	-38.55	-29.48	
24-Jun-2008	18:00:00	-38.3	-35.5	-31.0	-27.86	-42.54	-38.95	-38.11	-30.05	
24-Jun-2008	24:00:00	-38.3	-35.5	-31.2	-27.82	-42.39	-38.96	-38.26	-30.39	
25-Jun-2008	06:00:00	-38.5	-35.8	-31.7	-28.07	-42.40	-39.18	-38.38	-30.81	
25-Jun-2008	12:00:00	-38.9	-36.1	-31.7	-28.42	-42.62	-39.67	-38.80	-30.33	
25-Jun-2008	18:00:00	-38.9	-36.1	-32.0	-28.32	-42.44	-39.79	-38.81	-31.05	
25-Jun-2008	24:00:00	-39.1	-36.3	-32.2	-28.53	-42.42	-39.80	-39.51	-31.44	
26-Jun-2008	06:00:00	-39.3	-36.5	-32.5	-28.74	-42.46	-40.10	-39.13	-32.02	
26-Jun-2008	12:00:00	-39.6	-36.8	-32.6	-28.96	-42.51	-40.36	-39.73	-31.26	
26-Jun-2008	18:00:00	-39.7	-36.9	-32.8	-29.02	-42.46	-40.62	-39.58	-32.07	
26-Jun-2008	24:00:00	-39.8	-37.0	-33.1	-29.18	-42.32	-40.52	-40.30	-32.03	
27-Jun-2008	06:00:00	-40.0	-37.2	-33.4	-29.42	-42.36	-40.66	-39.67	-32.74	
27-Jun-2008	12:00:00	-40.3	-37.6	-33.6	-29.62	-42.50	-40.75	-40.47	-31.90	
27-Jun-2008	18:00:00	-40.5	-37.6	-33.8	-29.72	-42.32	-40.57	-40.24	-32.90	
27-Jun-2008	24:00:00	-40.6	-37.8	-34.0	-29.88	-42.39	-40.60	-41.18	-32.87	
28-Jun-2008	06:00:00	-40.8	-38.0	-34.4	-29.96	-42.33	-40.56	-40.66	-33.53	
28-Jun-2008	12:00:00	-41.2	-38.3	-34.5	-30.22	-42.38	-40.54	-41.35	-32.85	
28-Jun-2008	18:00:00	-41.2	-38.4	-34.7	-30.26	-42.26	-40.57	-41.41	-33.54	
28-Jun-2008	24:00:00	-41.4	-38.6	-34.9	-30.32	-42.27	-40.56	-42.07	-33.51	
29-Jun-2008	06:00:00	-41.5	-38.7	-35.3	-30.59	-42.11	-40.42	-41.42	-34.35	
29-Jun-2008	12:00:00	-42.0	-39.2	-35.5	-30.92	-42.39	-40.60	-42.37	-33.53	
29-Jun-2008	18:00:00	-42.0	-39.2	-35.6	-30.90	-42.22	-40.58	-42.08	-35.03	
29-Jun-2008	24:00:00	-42.2	-39.5	-35.8	-31.14	-42.24	-40.57	-43.57	-34.40	
30-Jun-2008	06:00:00	-42.3	-39.6	-36.2	-31.28	-42.10	-40.54	-42.68	-34.98	
30-Jun-2008	12:00:00	-42.6	-39.8	-36.3	-31.71	-42.27	-40.66	-43.35	-34.01	
30-Jun-2008	18:00:00	-42.7	-39.9	-36.2	-31.68	-42.14	-40.40	-43.09	-34.48	
30-Jun-2008	24:00:00	-42.6	-40.1	-36.3	-31.80	-41.94	-40.21	-43.88	-34.44	
1-Jul-2008	06:00:00	-42.6	-40.3	-36.5	-31.97	-42.00	-40.34	-43.18	-35.07	
1-Jul-2008	12:00:00	-42.8	-40.6	-36.5	-32.34	-42.21	-40.59	-43.89	-34.36	
1-Jul-2008	18:00:00	-42.8	-40.8	-36.4	-32.40	-42.12	-40.51	-43.82	-35.28	
1-Jul-2008	24:00:00	-42.6	-41.0	-36.4	-32.50	-42.03	-40.39	-44.86	-35.49	
2-Jul-2008	06:00:00	-42.6	-41.2	-36.8	-32.78	-41.99	-40.50	-44.47	-36.11	
2-Jul-2008	12:00:00	-42.9	-41.7	-36.7	-33.15	-42.34	-40.60	-45.09	-35.30	
2-Jul-2008	18:00:00	-42.8	-41.7	-36.6	-33.18	-42.08	-40.53	-45.04	-36.22	
2-Jul-2008	24:00:00	-42.7	-41.7	-36.6	-33.22	-42.05	-40.29	-45.97	-35.97	
3-Jul-2008	06:00:00	-42.6	-42.0	-36.8	-33.34	-42.04	-40.24	-45.27	-36.59	
3-Jul-2008	12:00:00	-42.8	-42.4	-36.7	-33.72	-42.27	-40.45	-45.73	-35.88	
3-Jul-2008	18:00:00	-42.7	-42.4	-36.6	-33.78	-42.08	-40.30	-45.15	-36.54	
3-Jul-2008	24:00:00	-42.5	-42.6	-36.8	-33.83	-42.03	-40.22	-45.74	-36.64	
4-Jul-2008	06:00:00	-42.6	-42.7	-37.0	-34.07	-42.09	-40.33	-45.07	-37.30	
4-Jul-2008	12:00:00	-42.8	-43.2	-36.9	-34.35	-42.33	-40.45	-45.58	-36.39	
4-Jul-2008	18:00:00	-42.7	-43.1	-36.9	-34.41	-42.05	-40.27	-45.08	-37.06	
4-Jul-2008	24:00:00	-42.7	-43.3	-36.9	-34.52	-42.04	-40.21	-45.73	-37.29	
5-Jul-2008	06:00:00	-42.6	-43.5	-37.1	-34.64	-42.03	-40.14	-45.32	-37.44	
5-Jul-2008	12:00:00	-42.7	-43.6	-37.0	-34.91	-42.35	-40.42	-45.56	-36.62	
5-Jul-2008	18:00:00	-42.7	-43.6	-37.0	-35.09	-42.24	-40.32	-45.07	-37.37	
5-Jul-2008	24:00:00	-42.6	-43.6	-37.0	-35.24	-42.22	-40.29	-45.95	-37.30	
6-Jul-2008	06:00:00	-42.6	-43.3	-37.1	-35.28	-42.14	-40.20	-45.19	-37.73	
6-Jul-2008	12:00:00	-42.7	-43.6	-37.2	-35.60	-42.22	-40.30	-45.65	-36.87	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
6-Jul-2008	18:00:00	-42.7	-43.5	-37.1	-35.69	-42.21	-40.42	-45.21	-37.17	
6-Jul-2008	24:00:00	-42.5	-43.4	-37.2	-35.67	-42.21	-40.23	-45.79	-37.19	
7-Jul-2008	06:00:00	-42.6	-43.5	-37.4	-35.97	-42.18	-40.27	-44.84	-37.76	
7-Jul-2008	12:00:00	-42.7	-43.6	-37.3	-36.27	-42.33	-40.34	-45.22	-37.34	
7-Jul-2008	18:00:00	-42.7	-43.4	-37.4	-36.24	-42.23	-40.26	-45.17	-37.07	
7-Jul-2008	24:00:00	-42.7	-43.5	-37.5	-36.42	-42.26	-40.30	-45.40	-37.12	
8-Jul-2008	06:00:00	-42.8	-43.5	-37.6	-36.64	-42.18	-40.39	-45.09	-37.73	
8-Jul-2008	12:00:00	-42.8	-43.6	-37.6	-36.84	-42.26	-40.35	-45.59	-36.99	
8-Jul-2008	18:00:00	-42.8	-43.7	-37.5	-37.12	-42.24	-40.46	-45.27	-37.56	
8-Jul-2008	24:00:00	-42.6	-43.4	-37.5	-37.08	-42.12	-40.26	-45.93	-37.54	
9-Jul-2008	06:00:00	-42.6	-43.4	-37.7	-37.30	-42.15	-40.28	-44.98	-38.37	
9-Jul-2008	12:00:00	-42.8	-43.6	-37.7	-37.60	-42.29	-40.40	-45.61	-37.88	
9-Jul-2008	18:00:00	-42.7	-43.5	-36.7	-37.74	-42.27	-40.34	-45.34	-38.20	
9-Jul-2008	24:00:00	-41.7	-43.4	-36.7	-37.13	-40.24	-40.28	-45.77	-38.28	
10-Jul-2008	06:00:00	-41.7	-43.5	-37.4	-35.79	-42.27	-40.17	-45.32	-36.80	
10-Jul-2008	12:00:00	-42.4	-43.6	-38.0	-35.96	-42.51	-40.48	-45.59	-34.67	
10-Jul-2008	18:00:00	-42.9	-43.6	-37.9	-36.15	-42.45	-40.45	-45.25	-34.72	
10-Jul-2008	24:00:00	-42.7	-43.5	-37.9	-36.32	-42.35	-40.23	-45.91	-34.32	
11-Jul-2008	06:00:00	-42.7	-43.4	-38.0	-36.52	-42.30	-40.23	-45.09	-34.82	
11-Jul-2008	12:00:00	-42.8	-43.5	-38.1	-36.78	-42.36	-40.39	-45.56	-34.08	
11-Jul-2008	18:00:00	-42.8	-43.4	-38.0	-37.01	-42.35	-40.33	-45.40	-34.18	
11-Jul-2008	24:00:00	-42.7	-43.4	-38.0	-37.04	-42.30	-40.22	-45.83	-33.59	
12-Jul-2008	06:00:00	-42.7	-43.3	-38.3	-37.25	-42.29	-40.20	-45.31	-33.58	
12-Jul-2008	12:00:00	-42.9	-43.6	-38.3	-37.66	-42.47	-40.51	-45.61	-32.73	
12-Jul-2008	18:00:00	-42.8	-43.6	-38.2	-37.62	-42.28	-40.36	-45.20	-33.65	
12-Jul-2008	24:00:00	-42.7	-43.5	-38.2	-37.89	-42.26	-40.26	-45.68	-34.54	
13-Jul-2008	06:00:00	-42.7	-43.5	-38.5	-38.01	-42.28	-40.32	-45.21	-35.22	
13-Jul-2008	12:00:00	-43.0	-43.7	-38.3	-38.18	-42.54	-40.44	-45.64	-34.55	
13-Jul-2008	18:00:00	-42.7	-43.4	-38.4	-38.25	-42.36	-40.29	-45.05	-35.60	
13-Jul-2008	24:00:00	-42.7	-43.4	-38.4	-38.51	-42.39	-40.24	-45.97	-35.75	
14-Jul-2008	06:00:00	-42.7	-43.4	-38.6	-38.66	-42.35	-40.21	-45.10	-36.87	
14-Jul-2008	12:00:00	-42.9	-43.7	-38.3	-38.86	-42.54	-40.42	-45.56	-36.52	
14-Jul-2008	18:00:00	-42.6	-40.9	-34.5	-27.10	-36.71	-40.16	-45.39	-37.43	
14-Jul-2008	24:00:00	-38.7	-37.6	-34.3	-6.34	-40.85	-40.34	-46.29	-36.60	
15-Jul-2008	06:00:00	-38.5	-37.4	-34.9	-3.48	-41.98	-40.35	-34.42	-36.64	
15-Jul-2008	12:00:00	-39.0	-37.5	-35.1	-3.14	-42.39	-40.39	-35.45	-35.24	
15-Jul-2008	18:00:00	-39.2	-37.6	-35.5	-3.21	-42.41	-40.35	-36.52	-34.98	
15-Jul-2008	24:00:00	-39.6	-37.6	-35.9	-3.21	-42.18	-40.32	-38.50	-34.23	
16-Jul-2008	06:00:00	-39.9	-37.8	-36.6	-3.57	-42.28	-40.30	-38.39	-34.54	
16-Jul-2008	12:00:00	-40.6	-38.2	-36.9	-4.36	-42.50	-40.54	-39.56	-33.52	
16-Jul-2008	18:00:00	-40.8	-38.4	-37.1	-7.72	-42.48	-40.57	-39.67	-34.49	
16-Jul-2008	24:00:00	-41.0	-38.3	-37.4	-10.13	-42.38	-40.34	-40.81	-35.18	
17-Jul-2008	06:00:00	-41.2	-38.5	-37.7	-11.76	-42.46	-40.39	-40.83	-35.78	
17-Jul-2008	12:00:00	-41.6	-38.8	-38.0	-13.28	-42.59	-40.39	-41.60	-35.14	
17-Jul-2008	18:00:00	-41.8	-39.0	-38.1	-14.04	-42.44	-40.35	-41.56	-35.67	
17-Jul-2008	24:00:00	-41.9	-39.1	-38.4	-14.79	-42.35	-40.27	-42.45	-36.38	
18-Jul-2008	06:00:00	-42.1	-39.3	-39.0	-15.57	-42.36	-40.23	-42.19	-37.32	
18-Jul-2008	12:00:00	-42.6	-39.8	-39.1	-16.53	-42.53	-40.48	-42.88	-36.84	
18-Jul-2008	18:00:00	-42.8	-39.9	-39.1	-17.27	-42.36	-40.44	-43.04	-37.08	
18-Jul-2008	24:00:00	-42.7	-40.1	-39.3	-17.92	-42.21	-40.27	-43.71	-37.58	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
19-Jul-2008	06:00:00	-42.8	-40.4	-39.2	-18.57	-42.39	-40.36	-43.64	-38.36	
19-Jul-2008	12:00:00	-42.8	-40.6	-39.5	-19.28	-42.34	-40.41	-44.62	-37.42	
19-Jul-2008	18:00:00	-42.9	-41.0	-39.4	-19.94	-42.51	-40.41	-44.47	-37.52	
19-Jul-2008	24:00:00	-42.9	-41.2	-39.4	-20.37	-42.34	-40.34	-45.01	-37.90	
20-Jul-2008	06:00:00	-42.8	-41.2	-39.5	-20.74	-42.34	-40.33	-45.10	-38.61	
20-Jul-2008	12:00:00	-42.9	-41.7	-39.5	-21.39	-42.46	-40.44	-45.85	-37.73	
20-Jul-2008	18:00:00	-42.9	-41.9	-39.4	-21.89	-42.46	-40.42	-45.45	-38.27	
20-Jul-2008	24:00:00	-42.7	-41.9	-39.6	-22.17	-42.24	-40.24	-46.00	-38.60	
21-Jul-2008	06:00:00	-42.8	-42.4	-39.7	-22.73	-42.51	-40.39	-45.37	-39.36	
21-Jul-2008	12:00:00	-43.0	-42.9	-39.6	-23.42	-42.58	-40.48	-45.80	-38.88	
21-Jul-2008	18:00:00	-42.8	-42.9	-39.7	-23.88	-42.44	-40.33	-45.50	-39.36	
21-Jul-2008	24:00:00	-42.8	-43.3	-39.7	-24.38	-42.35	-40.34	-45.63	-39.88	
22-Jul-2008	06:00:00	-42.8	-43.6	-39.8	-24.78	-42.46	-40.30	-45.27	-40.64	
22-Jul-2008	12:00:00	-42.9	-43.6	-39.6	-25.37	-42.60	-40.39	-45.63	-39.96	
22-Jul-2008	18:00:00	-42.7	-43.5	-39.7	-25.67	-42.29	-40.14	-45.33	-40.32	
22-Jul-2008	24:00:00	-42.7	-43.4	-39.8	-26.01	-42.27	-40.21	-45.38	-40.49	
23-Jul-2008	06:00:00	-42.8	-43.5	-39.9	-26.51	-42.32	-40.26	-45.17	-41.07	
23-Jul-2008	12:00:00	-42.8	-43.5	-39.8	-26.96	-42.52	-40.34	-45.73	-40.17	
23-Jul-2008	18:00:00	-42.7	-43.4	-40.0	-27.28	-42.30	-40.28	-45.37	-39.84	
23-Jul-2008	24:00:00	-42.8	-43.5	-39.9	-27.78	-42.53	-40.33	-45.45	-39.66	
24-Jul-2008	06:00:00	-42.7	-43.4	-40.0	-28.29	-42.30	-40.28	-45.51	-39.42	
24-Jul-2008	12:00:00	-42.8	-43.6	-39.9	-28.54	-42.57	-40.50	-45.86	-37.80	
24-Jul-2008	18:00:00	-42.7	-43.5	-39.9	-28.91	-42.45	-40.35	-45.31	-37.41	
24-Jul-2008	24:00:00	-42.6	-43.5	-40.0	-28.97	-42.34	-40.23	-45.79	-36.94	
25-Jul-2008	06:00:00	-42.7	-43.5	-40.3	-29.44	-42.39	-40.29	-44.99	-37.68	
25-Jul-2008	12:00:00	-42.9	-43.7	-40.1	-29.85	-42.59	-40.42	-45.70	-36.65	
25-Jul-2008	18:00:00	-42.6	-43.5	-40.1	-30.12	-42.41	-40.28	-45.19	-36.56	
25-Jul-2008	24:00:00	-42.6	-43.3	-40.0	-30.51	-42.33	-40.20	-45.29	-36.68	
26-Jul-2008	06:00:00	-42.5	-43.3	-40.4	-30.87	-42.21	-40.09	-45.22	-37.02	
26-Jul-2008	12:00:00	-42.8	-43.6	-40.2	-31.35	-42.51	-40.52	-45.63	-36.00	
26-Jul-2008	18:00:00	-42.6	-43.4	-40.3	-31.58	-42.38	-40.26	-45.04	-36.95	
26-Jul-2008	24:00:00	-42.7	-43.5	-40.3	-32.08	-42.26	-40.21	-45.45	-37.34	
27-Jul-2008	06:00:00	-42.6	-43.3	-40.6	-32.26	-42.22	-40.24	-45.17	-37.96	
27-Jul-2008	12:00:00	-42.9	-43.6	-40.6	-32.74	-42.56	-40.35	-45.67	-37.02	
27-Jul-2008	18:00:00	-42.8	-43.4	-40.5	-32.91	-42.39	-40.35	-45.21	-37.80	
27-Jul-2008	24:00:00	-42.8	-43.4	-40.5	-33.26	-42.39	-40.30	-45.80	-37.67	
28-Jul-2008	06:00:00	-42.7	-43.3	-40.8	-33.41	-42.29	-40.23	-45.22	-37.94	
28-Jul-2008	12:00:00	-42.9	-43.4	-40.8	-33.82	-42.48	-40.42	-45.49	-37.07	
28-Jul-2008	18:00:00	-42.9	-43.5	-40.6	-34.19	-42.46	-40.38	-45.05	-37.52	
28-Jul-2008	24:00:00	-42.7	-43.4	-40.6	-34.47	-42.29	-40.30	-45.71	-38.18	
29-Jul-2008	06:00:00	-42.6	-43.3	-40.9	-34.60	-42.26	-40.16	-45.21	-39.08	
29-Jul-2008	12:00:00	-42.9	-43.6	-40.8	-35.08	-42.48	-40.28	-45.56	-38.73	
29-Jul-2008	18:00:00	-42.8	-43.6	-40.8	-35.18	-42.44	-40.36	-45.25	-39.28	
29-Jul-2008	24:00:00	-42.7	-43.5	-40.8	-35.49	-42.39	-40.23	-45.63	-39.80	
30-Jul-2008	06:00:00	-42.7	-43.5	-41.0	-35.78	-42.32	-40.23	-45.19	-40.36	
30-Jul-2008	12:00:00	-42.8	-43.6	-44.0	-36.03	-42.51	-40.53	-45.44	-39.92	
30-Jul-2008	18:00:00	-42.6	-43.5	-43.8	-43.38	-42.82	-40.54	-45.40	-39.89	
30-Jul-2008	24:00:00	-42.6	-43.4	-44.0	-43.47	-42.77	-40.64	-44.90	-39.87	
31-Jul-2008	06:00:00	-42.6	-43.5	-44.1	-43.46	-42.60	-40.38	-44.42	-41.08	
31-Jul-2008	12:00:00	-42.9	-43.7	-44.0	-43.98	-43.02	-40.76	-45.56	-40.32	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
31-Jul-2008	18:00:00	-42.7	-43.4	-43.9	-45.41	-44.39	-42.25	-45.31	-40.61	
31-Jul-2008	24:00:00	-42.6	-43.4	-43.9	-40.59	-42.90	-40.76	-45.80	-38.13	
1-Aug-2008	06:00:00	-42.5	-43.4	-44.1	-34.32	-42.74	-40.54	-44.53	-32.98	
1-Aug-2008	12:00:00	-42.8	-43.6	-44.0	-30.74	-42.35	-40.28	-45.64	-32.88	
1-Aug-2008	18:00:00	-42.6	-43.5	-43.8	-29.45	-42.90	-40.62	-45.50	-33.72	
1-Aug-2008	24:00:00	-42.6	-43.5	-43.9	-27.77	-42.45	-40.17	-45.79	-34.07	
2-Aug-2008	06:00:00	-42.6	-43.5	-44.0	-27.06	-42.27	-40.03	-45.14	-34.36	
2-Aug-2008	12:00:00	-42.8	-43.7	-44.0	-27.34	-42.53	-40.26	-45.59	-33.63	
2-Aug-2008	18:00:00	-42.7	-43.6	-43.9	-28.95	-43.37	-41.20	-45.28	-34.68	
2-Aug-2008	24:00:00	-42.6	-43.6	-43.9	-28.44	-42.40	-40.12	-45.65	-35.49	
3-Aug-2008	06:00:00	-42.6	-43.5	-44.1	-28.47	-41.68	-39.49	-45.27	-35.76	
3-Aug-2008	12:00:00	-42.8	-43.6	-44.0	-28.42	-41.10	-38.86	-45.65	-34.91	
3-Aug-2008	18:00:00	-42.7	-43.6	-43.9	-29.30	-41.36	-39.16	-45.19	-35.92	
3-Aug-2008	24:00:00	-42.6	-43.5	-44.0	-28.65	-40.12	-38.08	-45.74	-36.72	
4-Aug-2008	06:00:00	-42.6	-43.4	-44.2	-28.84	-39.82	-37.68	-45.45	-36.65	
4-Aug-2008	12:00:00	-42.9	-43.7	-44.0	-29.09	-39.52	-37.50	-45.51	-35.91	
4-Aug-2008	18:00:00	-42.7	-43.5	-44.0	-30.06	-40.07	-37.94	-45.38	-36.83	
4-Aug-2008	24:00:00	-42.6	-43.4	-44.1	-30.34	-40.01	-37.90	-45.88	-37.23	
5-Aug-2008	06:00:00	-42.7	-43.4	-44.0	-30.75	-39.96	-37.90	-45.21	-37.52	
5-Aug-2008	12:00:00	-42.8	-43.5	-44.0	-31.37	-40.06	-37.99	-45.34	-37.04	
5-Aug-2008	18:00:00	-42.6	-43.4	-43.9	-32.43	-40.53	-38.53	-45.26	-37.35	
5-Aug-2008	24:00:00	-42.6	-43.4	-43.8	-32.98	-40.70	-38.60	-45.47	-38.26	
6-Aug-2008	06:00:00	-42.5	-43.3	-44.1	-33.38	-40.78	-38.56	-45.23	-39.03	
6-Aug-2008	12:00:00	-42.7	-43.5	-43.8	-34.43	-41.30	-39.15	-45.44	-38.60	
6-Aug-2008	18:00:00	-42.5	-43.4	-43.9	-35.49	-41.85	-39.74	-45.15	-39.26	
6-Aug-2008	24:00:00	-42.5	-43.4	-44.0	-35.61	-41.54	-39.51	-45.46	-40.10	
7-Aug-2008	06:00:00	-42.5	-43.3	-44.0	-36.47	-41.84	-39.78	-45.03	-41.01	
7-Aug-2008	12:00:00	-42.7	-43.5	-43.9	-37.05	-42.05	-39.91	-45.38	-40.67	
7-Aug-2008	18:00:00	-42.5	-43.5	-43.8	-38.52	-43.07	-40.90	-45.19	-41.34	
7-Aug-2008	24:00:00	-42.5	-43.3	-43.8	-38.82	-42.96	-40.90	-45.77	-41.14	
8-Aug-2008	06:00:00	-42.6	-43.4	-44.0	-38.25	-42.93	-40.84	-44.73	-41.85	
8-Aug-2008	12:00:00	-42.7	-43.6	-43.8	-38.07	-42.68	-40.53	-45.43	-40.79	
8-Aug-2008	18:00:00	-42.5	-43.4	-43.9	-38.78	-42.80	-40.71	-45.19	-40.71	
8-Aug-2008	24:00:00	-42.6	-43.4	-43.7	-38.38	-41.99	-39.90	-45.63	-40.41	
9-Aug-2008	06:00:00	-42.4	-43.3	-43.9	-38.34	-41.43	-39.45	-45.10	-40.88	
9-Aug-2008	12:00:00	-42.5	-43.4	-43.9	-38.43	-41.26	-39.27	-45.52	-40.01	
9-Aug-2008	18:00:00	-42.6	-43.5	-43.8	-39.04	-41.43	-39.34	-45.05	-39.92	
9-Aug-2008	24:00:00	-42.5	-43.3	-43.9	-39.24	-41.31	-39.12	-45.40	-39.51	
10-Aug-2008	06:00:00	-42.6	-43.4	-43.8	-39.35	-41.01	-38.85	-44.86	-40.04	
10-Aug-2008	12:00:00	-42.6	-43.4	-43.9	-40.06	-41.26	-39.12	-45.68	-39.02	
10-Aug-2008	18:00:00	-42.6	-43.4	-44.1	-41.04	-42.00	-39.80	-45.10	-39.12	
10-Aug-2008	24:00:00	-42.5	-43.4	-1.9	-40.79	-33.33	-39.28	-45.33	-39.71	
11-Aug-2008	06:00:00	-36.3	-32.2	-11.4	-40.60	-33.93	-13.99	-45.44	-28.47	
11-Aug-2008	12:00:00	-32.6	-29.1	-16.9	-38.79	-35.38	-11.86	-25.00	-21.12	
11-Aug-2008	18:00:00	-33.5	-29.1	-19.1	-37.70	-36.62	-14.29	-11.60	-24.04	
11-Aug-2008	24:00:00	-33.9	-29.2	-21.0	-35.09	-36.12	-14.76	-17.47	-25.23	
12-Aug-2008	06:00:00	-34.3	-29.4	-23.5	-33.58	-36.51	-15.88	-20.30	-25.88	
12-Aug-2008	12:00:00	-35.1	-30.0	-25.6	-32.44	-37.08	-17.84	-22.88	-25.56	
12-Aug-2008	18:00:00	-35.5	-30.4	-26.3	-31.98	-38.40	-20.18	-24.58	-27.00	
12-Aug-2008	24:00:00	-35.7	-30.5	-20.2	-31.23	-38.62	-20.72	-27.45	-27.18	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
13-Aug-2008	06:00:00	-35.8	-30.5	-11.0	-30.63	-39.06	-14.73	-28.55	-27.35	
13-Aug-2008	12:00:00	-30.8	-24.3	-12.5	-29.38	-35.09	-9.37	-29.77	-18.78	
13-Aug-2008	18:00:00	-29.9	-22.6	-14.1	-28.28	-35.18	-8.73	-13.49	-18.99	
13-Aug-2008	24:00:00	-29.7	-22.1	-15.7	-25.92	-34.41	-8.46	-13.89	-19.48	
14-Aug-2008	06:00:00	-29.6	-22.0	-17.8	-23.75	-33.44	-9.32	-16.57	-20.10	
14-Aug-2008	12:00:00	-30.0	-22.8	-19.6	-21.27	-32.75	-10.84	-19.09	-20.33	
14-Aug-2008	18:00:00	-30.3	-23.4	-20.0	-19.54	-32.67	-13.02	-20.63	-21.33	
14-Aug-2008	24:00:00	-30.3	-23.7	-20.6	-17.48	-31.61	-12.92	-23.14	-21.62	
15-Aug-2008	06:00:00	-30.4	-24.0	-22.2	-16.55	-31.46	-13.56	-24.41	-21.83	
15-Aug-2008	12:00:00	-30.8	-24.6	-23.7	-14.92	-31.41	-14.82	-25.57	-21.59	
15-Aug-2008	18:00:00	-31.1	-25.5	-23.4	-14.37	-32.09	-16.80	-26.09	-23.13	
15-Aug-2008	24:00:00	-31.3	-25.8	-24.0	-13.34	-31.22	-16.54	-28.30	-23.10	
16-Aug-2008	06:00:00	-31.5	-26.2	-25.2	-12.33	-31.30	-17.00	-28.43	-23.40	
16-Aug-2008	12:00:00	-31.9	-26.7	-26.0	-10.47	-31.17	-17.54	-29.55	-22.76	
16-Aug-2008	18:00:00	-32.0	-27.2	-26.1	-10.48	-32.20	-19.57	-29.53	-23.82	
16-Aug-2008	24:00:00	-32.2	-27.4	-26.4	-9.36	-31.60	-19.26	-30.81	-23.74	
17-Aug-2008	06:00:00	-32.4	-27.7	-27.2	-8.91	-31.82	-19.52	-30.89	-23.68	
17-Aug-2008	12:00:00	-32.8	-28.2	-27.2	-8.20	-31.85	-19.98	-31.42	-23.40	
17-Aug-2008	18:00:00	-33.0	-28.5	-27.4	-8.72	-32.62	-21.10	-31.63	-24.16	
17-Aug-2008	24:00:00	-33.2	-28.6	-27.6	-8.08	-32.24	-20.84	-32.59	-23.61	
18-Aug-2008	06:00:00	-33.3	-28.9	-28.3	-8.20	-32.42	-21.20	-32.51	-23.85	
18-Aug-2008	12:00:00	-33.6	-29.3	-29.0	-8.16	-32.88	-22.02	-33.16	-23.10	
18-Aug-2008	18:00:00	-33.9	-29.7	-28.9	-8.69	-33.50	-23.32	-32.93	-24.40	
18-Aug-2008	24:00:00	-34.1	-29.8	-29.2	-8.62	-33.33	-23.14	-33.95	-24.86	
19-Aug-2008	06:00:00	-34.2	-30.1	-30.0	-8.99	-33.28	-23.24	-34.03	-24.56	
19-Aug-2008	12:00:00	-34.7	-30.6	-30.4	-9.12	-33.50	-23.96	-34.40	-24.18	
19-Aug-2008	18:00:00	-34.9	-30.9	-30.3	-11.10	-34.13	-25.14	-34.59	-25.32	
19-Aug-2008	24:00:00	-35.1	-31.1	-30.5	-12.02	-33.63	-24.68	-35.44	-25.89	
20-Aug-2008	06:00:00	-35.4	-31.4	-31.4	-12.74	-33.36	-24.50	-35.54	-25.88	
20-Aug-2008	12:00:00	-36.0	-31.9	-31.9	-13.24	-33.45	-24.86	-36.16	-25.28	
20-Aug-2008	18:00:00	-36.0	-32.3	-31.9	-14.21	-34.10	-25.94	-36.25	-26.28	
20-Aug-2008	24:00:00	-36.4	-32.5	-31.9	-14.34	-33.36	-25.45	-36.94	-26.96	
21-Aug-2008	06:00:00	-36.5	-32.6	-32.5	-14.90	-33.45	-25.46	-37.01	-26.78	
21-Aug-2008	12:00:00	-36.9	-33.2	-32.9	-15.16	-33.24	-25.36	-37.47	-26.16	
21-Aug-2008	18:00:00	-37.2	-33.4	-32.8	-15.95	-33.80	-26.32	-37.47	-27.23	
21-Aug-2008	24:00:00	-37.4	-33.6	-32.9	-16.05	-33.58	-26.32	-38.41	-27.57	
22-Aug-2008	06:00:00	-37.6	-33.8	-33.5	-16.55	-33.66	-26.32	-38.43	-27.51	
22-Aug-2008	12:00:00	-38.1	-34.3	-34.0	-16.83	-33.75	-26.67	-38.83	-26.90	
22-Aug-2008	18:00:00	-38.3	-34.4	-33.7	-17.54	-34.40	-27.44	-38.81	-27.93	
22-Aug-2008	24:00:00	-38.3	-34.5	-33.8	-17.81	-34.23	-27.44	-39.77	-28.26	
23-Aug-2008	06:00:00	-38.6	-34.9	-34.3	-18.45	-34.48	-27.81	-39.44	-28.35	
23-Aug-2008	12:00:00	-38.9	-35.2	-34.6	-19.32	-35.03	-28.57	-39.97	-27.44	
23-Aug-2008	18:00:00	-39.2	-35.6	-34.6	-20.80	-36.45	-30.02	-39.85	-28.65	
23-Aug-2008	24:00:00	-39.3	-35.6	-34.5	-21.08	-36.32	-29.97	-40.81	-28.74	
24-Aug-2008	06:00:00	-39.5	-35.8	-35.1	-21.94	-36.95	-30.46	-40.43	-29.02	
24-Aug-2008	12:00:00	-40.1	-36.2	-35.3	-22.77	-37.60	-31.36	-41.06	-28.08	
24-Aug-2008	18:00:00	-40.1	-36.5	-35.2	-24.05	-38.97	-32.85	-40.79	-29.10	
24-Aug-2008	24:00:00	-40.3	-36.7	-35.3	-24.15	-38.88	-32.77	-41.79	-29.09	
25-Aug-2008	06:00:00	-40.5	-36.9	-35.9	-24.77	-39.18	-33.18	-41.24	-29.38	
25-Aug-2008	12:00:00	-41.0	-37.3	-36.1	-25.52	-39.69	-33.72	-41.90	-28.60	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
25-Aug-2008	18:00:00	-41.1	-37.5	-36.0	-26.33	-40.64	-34.66	-41.75	-29.67	
25-Aug-2008	24:00:00	-41.2	-37.6	-36.2	-26.30	-40.42	-34.62	-42.80	-29.33	
26-Aug-2008	06:00:00	-41.5	-37.8	-36.5	-26.18	-40.17	-34.30	-42.25	-29.73	
26-Aug-2008	12:00:00	-41.6	-38.2	-36.5	-26.37	-40.20	-34.44	-43.10	-28.90	
26-Aug-2008	18:00:00	-41.8	-37.9	-36.4				-43.01	-28.73	
26-Aug-2008	24:00:00	-41.9	-38.1	-36.4				-43.28	-28.49	
27-Aug-2008	06:00:00	-42.2	-38.2	-36.7				-43.48	-28.73	
27-Aug-2008	12:00:00	-42.3	-38.4	-36.7				-44.12	-27.93	
27-Aug-2008	18:00:00	-42.4	-38.5	-36.8				-43.89	-28.11	
27-Aug-2008	24:00:00	-42.6	-38.7	-36.1				-44.42	-27.42	
28-Aug-2008	06:00:00	-42.3	-38.4	-34.7				-43.93	-27.56	
28-Aug-2008	12:00:00	-42.0	-37.9	-26.4				-44.31	-26.70	
28-Aug-2008	18:00:00	-37.5	-33.4	-25.1				-44.01	-11.60	
28-Aug-2008	24:00:00	-34.4	-30.9	-25.5				-42.99	-10.73	
29-Aug-2008	06:00:00	-33.9	-30.1	-26.3				-35.66	-14.45	
29-Aug-2008	12:00:00	-34.0	-30.0	-27.2				-35.13	-16.11	
29-Aug-2008	18:00:00	-33.9	-29.8	-27.4				-34.63	-19.30	
29-Aug-2008	24:00:00	-34.0	-29.8	-27.5				-35.41	-19.83	
30-Aug-2008	06:00:00	-33.9	-29.7	-28.3				-34.94	-20.44	
30-Aug-2008	12:00:00	-34.3	-30.2	-28.9				-35.32	-20.02	
30-Aug-2008	18:00:00	-34.4	-30.4	-28.8				-34.91	-21.83	
30-Aug-2008	24:00:00	-34.5	-30.5	-29.0				-36.17	-20.98	
31-Aug-2008	06:00:00	-34.5	-30.6	-29.7				-35.21	-21.27	
31-Aug-2008	12:00:00	-35.0	-31.1	-30.0				-35.91	-20.79	
31-Aug-2008	18:00:00	-35.0	-31.1	-29.9				-35.75	-22.52	
31-Aug-2008	24:00:00	-35.2	-31.3	-30.0				-36.94	-20.98	
1-Sep-2008	06:00:00	-35.3	-31.5	-30.6				-36.37	-20.91	
1-Sep-2008	12:00:00	-35.7	-31.9	-31.2				-37.17	-20.32	
1-Sep-2008	18:00:00	-35.8	-32.1	-30.9				-37.00	-22.40	
1-Sep-2008	24:00:00	-35.8	-32.2	-30.9				-37.99	-22.40	
2-Sep-2008	06:00:00	-36.0	-32.3	-31.8				-37.59	-22.41	
2-Sep-2008	12:00:00	-36.4	-32.8	-32.2				-38.05	-21.62	
2-Sep-2008	18:00:00	-36.6	-33.1	-32.1				-37.81	-23.48	
2-Sep-2008	24:00:00	-36.7	-33.1	-32.1				-39.03	-23.64	
3-Sep-2008	06:00:00	-36.8	-33.2	-32.8				-38.78	-23.16	
3-Sep-2008	12:00:00	-37.4	-33.8	-33.3				-39.15	-22.55	
3-Sep-2008	18:00:00	-37.5	-34.0	-33.2				-39.08	-24.30	
3-Sep-2008	24:00:00	-37.7	-34.1	-33.2				-40.18	-24.53	
4-Sep-2008	06:00:00	-37.9	-34.5	-33.9				-39.86	-24.14	
4-Sep-2008	12:00:00	-38.4	-34.8	-34.5				-40.21	-23.31	
4-Sep-2008	18:00:00	-38.6	-35.1	-34.2				-40.11	-24.99	
4-Sep-2008	24:00:00	-38.8	-35.3	-34.2				-41.47	-25.10	
5-Sep-2008	06:00:00	-39.0	-35.5	-34.4				-40.93	-25.25	
5-Sep-2008	12:00:00	-39.4	-35.8	-33.5				-41.63	-24.38	
5-Sep-2008	18:00:00	-39.3	-35.6	-12.8				-41.44	-23.15	
5-Sep-2008	24:00:00	-32.4	-24.6	-3.1				-42.13	-19.66	
6-Sep-2008	06:00:00	-21.1	-13.7	-8.4				-40.85	-7.24	
6-Sep-2008	12:00:00	-20.6	-13.7	-11.6				-22.87	-7.71	
6-Sep-2008	18:00:00	-21.6	-15.1	-12.1				-15.47	-12.05	
6-Sep-2008	24:00:00	-21.8	-15.3	-12.9				-19.40	-14.13	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
7-Sep-2008	06:00:00	-22.2	-15.9	-14.8				-20.37	-15.74	
7-Sep-2008	12:00:00	-22.8	-17.0	-15.6				-21.63	-16.22	
7-Sep-2008	18:00:00	-23.2	-18.0	-15.4				-21.94	-18.64	
7-Sep-2008	24:00:00	-23.5	-18.3	-15.7				-24.14	-18.71	
8-Sep-2008	06:00:00	-23.7	-18.6	-16.9				-24.28	-19.17	
8-Sep-2008	12:00:00	-24.1	-19.3	-1.7				-25.01	-18.92	
8-Sep-2008	18:00:00	-11.6	-6.7	-3.1				-25.03	-20.24	
8-Sep-2008	24:00:00	-12.9	-7.8	-5.1				-26.69	-12.64	
9-Sep-2008	06:00:00	-13.7	-8.4	-7.6				-10.10	-14.38	
9-Sep-2008	12:00:00	-14.7	-9.7	-3.9				-12.57	-15.09	
9-Sep-2008	18:00:00	-11.8	-6.4	-1.6				-13.57	-15.46	
9-Sep-2008	24:00:00	-8.7	-4.5	-1.1				-11.80	-7.66	
10-Sep-2008	06:00:00	-8.1	-4.2	-1.7				-6.33	-8.91	
10-Sep-2008	12:00:00	-9.3	-5.2	-2.2				-7.09	-9.86	
10-Sep-2008	18:00:00	-9.3	-5.5	-2.3				-8.56	-11.81	
10-Sep-2008	24:00:00	-9.2	-5.2	-2.5				-11.30	-12.54	
11-Sep-2008	06:00:00	-9.7	-5.6	-3.3				-9.92	-13.46	
11-Sep-2008	12:00:00	-10.6	-6.3	-4.8				-11.02	-13.43	
11-Sep-2008	18:00:00	-12.3	-7.6	-5.3				-11.11	-14.93	
11-Sep-2008	24:00:00	-12.4	-7.7	-5.4				-13.61	-15.15	
12-Sep-2008	06:00:00	-12.6	-7.8	-6.9				-13.69	-15.68	
12-Sep-2008	12:00:00	-13.7	-9.1	-8.5				-14.15	-15.47	
12-Sep-2008	18:00:00	-14.9	-10.3	-7.9				-14.03	-17.00	
12-Sep-2008	24:00:00	-15.3	-10.6	-7.5				-17.20	-16.84	
13-Sep-2008	06:00:00	-15.4	-10.7	-9.4				-16.99	-16.97	
13-Sep-2008	12:00:00	-16.1	-11.8	-10.9				-17.18	-16.16	
13-Sep-2008	18:00:00	-17.4	-13.3	-9.7				-16.91	-17.93	
13-Sep-2008	24:00:00	-17.5	-13.3	-9.3				-19.72	-17.97	
14-Sep-2008	06:00:00	-17.6	-13.3	-11.7				-19.57	-17.73	
14-Sep-2008	12:00:00	-18.4	-14.4	-12.7				-19.73	-16.83	
14-Sep-2008	18:00:00	-19.2	-15.4	-11.7				-19.58	-18.39	
14-Sep-2008	24:00:00	-19.5	-15.5	-11.3				-21.73	-18.38	
15-Sep-2008	06:00:00	-19.5	-15.7	-13.8				-21.81	-18.03	
15-Sep-2008	12:00:00	-20.4	-16.7	-14.4				-22.06	-17.01	
15-Sep-2008	18:00:00	-21.1	-17.6	-0.5				-21.73	-18.89	
15-Sep-2008	24:00:00	-4.2	-3.0	-0.7				-24.05	-18.16	
16-Sep-2008	06:00:00	-6.5	-3.9	-1.0				-23.61	-13.90	
16-Sep-2008	12:00:00	-7.7	-4.9	-1.1				-6.44	-14.13	
16-Sep-2008	18:00:00	-8.4	-5.5	-1.5				-7.64	-15.06	
16-Sep-2008	24:00:00	-9.0	-5.7	-1.0				-9.87	-14.78	
17-Sep-2008	06:00:00	-6.7	-3.6	-1.4				-10.09	-15.21	
17-Sep-2008	12:00:00	-8.6	-5.2	-1.6				-7.33	-14.36	
17-Sep-2008	18:00:00	-9.9	-6.3	-1.9				-8.93	-15.63	
17-Sep-2008	24:00:00	-10.1	-6.3	-2.3				-11.85	-15.42	
18-Sep-2008	06:00:00	-10.5	-6.5	-3.3				-11.85	-15.68	
18-Sep-2008	12:00:00	-11.9	-7.8	-5.1				-12.49	-15.20	
18-Sep-2008	18:00:00	-13.4	-9.3	-5.4				-12.51	-16.96	
18-Sep-2008	24:00:00	-13.7	-9.3	-5.8				-15.76	-16.88	
19-Sep-2008	06:00:00	-14.2	-9.4	-7.3				-15.63	-16.83	
19-Sep-2008	12:00:00	-15.0	-10.6	-8.8				-16.25	-16.16	

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
19-Sep-2008	18:00:00	-16.3	-12.0	-8.4				-16.19	-17.44	
19-Sep-2008	24:00:00	-16.5	-12.1	-8.3				-18.52	-17.30	
20-Sep-2008	06:00:00	-16.7	-12.1	-9.3				-18.51	-17.16	
20-Sep-2008	12:00:00	-17.4	-12.9	-9.3				-18.83	-16.38	
20-Sep-2008	18:00:00	-17.7	-13.4	-8.9				-18.81	-16.97	
20-Sep-2008	24:00:00	-17.8	-13.4	-8.8				-19.88	-16.38	
21-Sep-2008	06:00:00	-17.9	-13.6	-10.6				-19.52	-16.53	
21-Sep-2008	12:00:00	-18.6	-14.3	-10.7				-19.87	-15.95	
21-Sep-2008	18:00:00	-19.2	-14.9	-9.8				-19.78	-17.31	
21-Sep-2008	24:00:00	-19.0	-14.9	-9.3				-21.40	-16.70	
22-Sep-2008	06:00:00	-18.9	-14.6	-10.1				-21.02	-16.25	
22-Sep-2008	12:00:00	-18.7	-14.6	-11.2				-20.78	-15.47	
22-Sep-2008	18:00:00	-19.6	-15.6	-11.0				-20.42	-16.41	
22-Sep-2008	24:00:00	-20.2	-16.1	-11.0				-21.73	-16.48	
23-Sep-2008	06:00:00	-20.4	-16.3	-11.6				-21.75	-16.55	
23-Sep-2008	12:00:00	-20.1	-16.1	-13.1		-21.76	-7.92	-22.13	-15.47	
23-Sep-2008	18:00:00	-21.0	-17.8	-13.1	-0.03	-21.10	-7.05	-21.51		
23-Sep-2008	24:00:00	-21.4	-18.2	-13.3	1.33	-19.82	-5.72			
24-Sep-2008	06:00:00	-21.7	-18.5	-13.5	1.57	-20.07	-6.34			
24-Sep-2008	12:00:00	-21.5	-18.5	-14.5	3.82	-17.91	-4.35			
24-Sep-2008	18:00:00	-22.3	-19.5	-14.5	4.45	-17.14	-3.73			
24-Sep-2008	24:00:00	-22.7	-20.0	-9.4	6.73	-14.99	-1.75			
25-Sep-2008	06:00:00	-21.5	-17.9	-8.3	6.98	-15.53	-2.78			
25-Sep-2008	12:00:00	-20.1	-16.4	-0.3	8.06	-14.37	-1.81			
25-Sep-2008	18:00:00	-8.3	-5.4	1.2	7.68	-14.78	-2.35			
25-Sep-2008	24:00:00	-1.0	0.4	0.1	7.24	-15.28	-2.84			
26-Sep-2008	06:00:00	-1.9	0.6	0.1	4.63	-18.14	-5.85			
26-Sep-2008	12:00:00	-2.3	0.8	0.0	2.92	-19.80	-6.26			
26-Sep-2008	18:00:00	-2.8	0.6	0.8	0.55	-21.86	-6.37			
26-Sep-2008	24:00:00	-1.1	1.0	0.4	-0.29	-21.95	-5.37			
27-Sep-2008	06:00:00	-1.6	1.1	0.9	-1.31	-22.54	-6.99			
27-Sep-2008	12:00:00	-1.3	1.9	0.2	0.51	-20.60	-5.56			
27-Sep-2008	18:00:00	-2.4	1.1	0.3	0.68	-20.39	-5.46			
27-Sep-2008	24:00:00	-2.7	0.9	0.2	1.14	-19.94	-5.08			
28-Sep-2008	06:00:00	-2.8	0.7	0.8	0.63	-21.03	-6.96			
28-Sep-2008	12:00:00	-2.5	1.6	0.3	1.66	-20.06	-5.86			
28-Sep-2008	18:00:00	-3.3	0.9	0.1	0.13	-21.34	-7.06			
28-Sep-2008	24:00:00	-3.4	0.6	0.0	-1.02	-22.47	-8.22			
29-Sep-2008	06:00:00	-3.7	0.5	0.8	-2.04	-24.12	-10.48			
29-Sep-2008	12:00:00	-3.3	1.3	0.0	0.48	-21.63	-7.95			
29-Sep-2008	18:00:00	-4.1	0.6	0.0	-0.34	-22.41	-8.98			
29-Sep-2008	24:00:00	-4.2	0.3	1.3	-0.14	-22.28	-9.06			
30-Sep-2008	06:00:00	0.3	1.3	1.1	0.14	-22.36	-9.75			
30-Sep-2008	12:00:00	-0.7	1.7	0.8	2.85	-19.61	-7.21			
30-Sep-2008	18:00:00	-1.2	1.4	0.6	3.19	-19.23	-7.04			
30-Sep-2008	24:00:00	-1.7	1.0	0.6	3.70	-18.87	-6.66			
1-Oct-2008	06:00:00	-1.9	1.1	1.2	3.52	-19.52	-7.53			
1-Oct-2008	12:00:00	-1.5	1.7	1.1	6.20	-16.88	-5.25			
1-Oct-2008	18:00:00	-0.5	1.1	0.7	6.97	-16.23	-4.62			
1-Oct-2008	24:00:00	-1.3	1.2	0.6	7.44	-15.60	-4.04			

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
2-Oct-2008	06:00:00	-1.9	1.0	1.7	7.10	-16.36	-4.93			
2-Oct-2008	12:00:00	-1.2	2.2	0.6	8.55	-14.98	-3.79			
2-Oct-2008	18:00:00	-2.6	1.2	0.3	7.29	-16.17	-5.02			
2-Oct-2008	24:00:00	-3.0	0.8	0.2	6.78	-16.68	-5.36			
3-Oct-2008	06:00:00	-3.3	0.7	1.2	5.06	-18.96	-7.72			
3-Oct-2008	12:00:00	-2.5	1.8	0.3	4.77	-19.17	-8.14			
3-Oct-2008	18:00:00	-3.6	0.8	-0.1	2.59	-21.06	-9.99			
3-Oct-2008	24:00:00	-4.0	0.4	-0.1	1.35	-22.48	-11.16			
4-Oct-2008	06:00:00	-4.2	0.5	1.1	-0.27	-24.35	-13.35			
4-Oct-2008	12:00:00	-3.2	1.6	-0.1	0.21	-23.52	-12.54			
4-Oct-2008	18:00:00	-4.4	0.6	-0.2	-1.42	-24.80	-13.78			
4-Oct-2008	24:00:00	-4.7	0.3	-0.3	-1.64	-24.94	-13.84			
5-Oct-2008	06:00:00	-4.9	0.3	0.7	-2.94	-25.70	-14.94			
5-Oct-2008	12:00:00	-4.2	1.3	-0.2	-2.02	-24.20	-13.41			
5-Oct-2008	18:00:00	-5.1	0.5	-0.4	-2.24	-24.92	-14.04			
5-Oct-2008	24:00:00	-5.5	0.0	-0.7	-2.09	-25.31	-14.28			
6-Oct-2008	06:00:00	-5.8	-0.1	0.0	-1.73	-26.32	-13.10			
6-Oct-2008	12:00:00	-5.0	0.8	-0.6	-0.59	-22.56	-2.91			
6-Oct-2008	18:00:00	-6.1	0.0	-1.0	-1.34	-20.37	-3.43			
6-Oct-2008	24:00:00	-6.5	-0.4	-0.8	-2.02	-20.19	-4.16			
7-Oct-2008	06:00:00	-6.5	-0.4	0.1	-3.28	-21.38	-6.33			
7-Oct-2008	12:00:00	-6.0	0.5	-0.9	-2.81	-20.87	-5.98			
7-Oct-2008	18:00:00	-7.4	-0.6	-1.3	-3.56	-21.50	-6.25			
7-Oct-2008	24:00:00	-7.9	-1.0	-1.3	-3.20	-21.00	-6.45			
8-Oct-2008	06:00:00	-8.0	-1.2	-0.6	-2.80	-21.03	-6.67			
8-Oct-2008	12:00:00	-7.6	-0.6	-1.6	-1.10	-19.79	-5.59			
8-Oct-2008	18:00:00	-8.7	-1.7	-1.5	-1.35	-20.14	-6.02			
8-Oct-2008	24:00:00	-8.8	-1.8	-1.6	-0.46	-19.59	-5.48			
9-Oct-2008	06:00:00	-9.1	-2.1	-0.9	-0.94	-20.70	-6.75			
9-Oct-2008	12:00:00	-8.6	-1.7	-1.6	0.04	-20.01	-5.95			
9-Oct-2008	18:00:00	-8.8	-2.3	-1.3	-0.76	-20.93	-6.72			
9-Oct-2008	24:00:00	-8.9	-2.4	-1.4	-0.58	-20.92	-6.51			
10-Oct-2008	06:00:00	-9.3	-2.7	-1.0	-2.15	-22.97	-8.70			
10-Oct-2008	12:00:00	-9.2	-2.4	-1.3	-2.39	-23.31	-8.90			
10-Oct-2008	18:00:00	-9.3	-2.7	-0.9	-3.71	-24.65	-10.03			
10-Oct-2008	24:00:00	-5.6	-1.6	-0.3	-4.41	-25.47	-10.65			
11-Oct-2008	06:00:00	-4.4	-1.0	0.1	-6.39	-27.74	-13.14			
11-Oct-2008	12:00:00	-5.3	-0.7	0.3	-5.81	-27.15	-12.49			
11-Oct-2008	18:00:00	-2.2	-0.3	0.0	-6.04	-27.33	-12.62			
11-Oct-2008	24:00:00	-3.9	-0.2	0.0	-5.92	-27.32	-12.49			
12-Oct-2008	06:00:00	-4.8	-0.1	0.7	-6.64	-28.44	-13.78			
12-Oct-2008	12:00:00	-4.5	0.6	0.0	-5.16	-26.97	-12.32			
12-Oct-2008	18:00:00	-5.6	0.0	-0.1	-5.02	-26.75	-12.04			
12-Oct-2008	24:00:00	-5.9	-0.2	-0.2	-3.81	-25.64	-11.08			
13-Oct-2008	06:00:00	-6.1	-0.3	0.6	-4.00	-26.21	-11.97			
13-Oct-2008	12:00:00	-5.4	0.6	-0.1	-1.77	-23.97	-10.10			
13-Oct-2008	18:00:00	-6.6	-0.2	-0.6	-1.13	-23.38	-9.73			
13-Oct-2008	24:00:00	-7.1	-0.8	-0.6	-0.08	-22.32	-8.79			
14-Oct-2008	06:00:00	-7.5	-0.7	0.5	0.24	-22.43	-9.10			
14-Oct-2008	12:00:00	-6.6	0.2	-0.5	2.30	-20.43	-7.22			

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
14-Oct-2008	18:00:00	-8.0	-0.9	-0.9	1.77	-20.88	-7.78			
14-Oct-2008	24:00:00	-8.5	-1.3	-1.2	1.72	-21.09	-7.99			
15-Oct-2008	06:00:00	-9.0	-1.6	-0.1	1.18	-21.74	-8.76			
15-Oct-2008	12:00:00	-8.2	-0.7	-1.2	2.10	-20.98	-8.12			
15-Oct-2008	18:00:00	-9.8	-2.0	-1.7	-0.10	-23.00	-9.92			
15-Oct-2008	24:00:00	-10.4	-2.6	-1.8	-0.75	-11.82	0.48			
16-Oct-2008	06:00:00	-10.8	-2.9	-1.0	-0.38	-8.13	1.54			
16-Oct-2008	12:00:00	-10.0	-2.1	-2.2	1.42	-7.50	2.66			
16-Oct-2008	18:00:00	-11.6	-3.4	-2.3	0.57	-9.21	1.59			
16-Oct-2008	24:00:00	-12.0	-3.6	-2.5	1.34	-9.51	2.03			
17-Oct-2008	06:00:00	-12.1	-3.8	-2.0	0.39	-10.61	1.10			
17-Oct-2008	12:00:00	-11.6	-3.5	-2.6	0.79	-11.42	1.06			
17-Oct-2008	18:00:00	-12.1	-4.1	-0.1	-1.25	-14.26	-1.33			
17-Oct-2008	24:00:00	-5.0	-1.0	0.1	-2.09	-14.72	-2.16			
18-Oct-2008	06:00:00	-1.7	-0.3	0.1	-3.89	-17.52	-4.28			
18-Oct-2008	12:00:00	-2.2	-0.1	0.0	-3.09	-14.27	-2.84			
18-Oct-2008	18:00:00	-2.3	0.3	0.1	-2.14	-14.04	-1.69			
18-Oct-2008	24:00:00	-2.8	0.4	0.1	-0.64	-13.90	-0.37			
19-Oct-2008	06:00:00	-3.5	0.7	0.8	-0.71	-14.94	-0.88			
19-Oct-2008	12:00:00	-3.0	1.5	0.0	0.30	-14.56	-0.36			
19-Oct-2008	18:00:00	-4.3	0.7	-0.5	-0.16	-15.66	-1.08			
19-Oct-2008	24:00:00	-5.0	0.3	-0.7	-0.64	-16.72	-1.98			
20-Oct-2008	06:00:00	-5.2	0.2	0.8						
20-Oct-2008	12:00:00	-3.9	1.6	-0.5						
20-Oct-2008	18:00:00	-5.4	0.4	-0.7						
20-Oct-2008	24:00:00	-5.8	0.1	-0.8						
21-Oct-2008	06:00:00	-6.0	0.0	0.3						
21-Oct-2008	12:00:00	-4.7	1.3	-0.7						
21-Oct-2008	18:00:00	-6.0	0.2	-1.0						
21-Oct-2008	24:00:00	-6.5	-0.1	-1.2						
22-Oct-2008	06:00:00	-7.0	-0.3	-0.2						
22-Oct-2008	12:00:00	-6.0	0.9	-1.6						
22-Oct-2008	18:00:00	-7.6	-0.3	-2.0						
22-Oct-2008	24:00:00	-8.5	-0.9	-2.3						
23-Oct-2008	06:00:00	-8.7	-1.0	-1.4						
23-Oct-2008	12:00:00	-7.8	0.0	-2.4						
23-Oct-2008	18:00:00	-9.1	-1.1	-2.4						
23-Oct-2008	24:00:00	-9.2	-1.3	-2.4						
24-Oct-2008	06:00:00	-9.6	-1.7	-1.9						
24-Oct-2008	12:00:00	-9.1	-1.5	-2.1						
24-Oct-2008	18:00:00	-8.2	-1.8	-1.7						
24-Oct-2008	24:00:00	-5.5	-1.4	-0.5						
25-Oct-2008	06:00:00	-3.4	-0.7	-0.5						
25-Oct-2008	12:00:00	-4.5	-0.6	-0.3						
25-Oct-2008	18:00:00	-5.3	-0.5	-0.5						
25-Oct-2008	24:00:00	-6.0	-0.6	-0.4						
26-Oct-2008	06:00:00	-6.3	-0.5	0.4						
26-Oct-2008	12:00:00	-5.8	0.3	-0.7						
26-Oct-2008	18:00:00	-7.2	-0.7	-1.0						
26-Oct-2008	24:00:00	-7.8	-1.1	-1.1						

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
27-Oct-2008	06:00:00	-8.0	-1.2	-0.2						
27-Oct-2008	12:00:00	-7.0	-0.3	-1.3						
27-Oct-2008	18:00:00	-8.6	-1.4	-1.5						
27-Oct-2008	24:00:00	-8.9	-1.7	-1.8						
28-Oct-2008	06:00:00	-9.5	-2.1	-1.0						
28-Oct-2008	12:00:00	-8.5	-1.1	-1.5						
28-Oct-2008	18:00:00	-9.6	-1.7	-2.5						
28-Oct-2008	24:00:00	-10.7	-2.7	-3.0						
29-Oct-2008	06:00:00	-11.3	-3.2	-1.7						
29-Oct-2008	12:00:00	-10.1	-1.9	-3.3						
29-Oct-2008	18:00:00	-11.9	-3.5	-4.1						
29-Oct-2008	24:00:00	-12.7	-4.2	-4.8						
30-Oct-2008	06:00:00	-13.3	-4.6	-3.8						
30-Oct-2008	12:00:00	-12.2	-3.6	-5.1						
30-Oct-2008	18:00:00	-13.6	-5.1	-5.8						
30-Oct-2008	24:00:00	-14.4	-5.8	-5.9						
31-Oct-2008	06:00:00	-14.7	-6.2	-4.1						
31-Oct-2008	12:00:00	-13.1	-4.8	-5.2						
31-Oct-2008	18:00:00	-14.7	-6.4	-5.5						
31-Oct-2008	24:00:00	-15.0	-6.9	-5.6						
1-Nov-2008	06:00:00	-15.3	-7.1	-3.8						
1-Nov-2008	12:00:00	-13.6	-5.7	-5.3						
1-Nov-2008	18:00:00	-15.3	-7.4	-5.8						
1-Nov-2008	24:00:00	-15.7	-7.8	-6.0						
2-Nov-2008	06:00:00	-15.9	-8.2	-4.5						
2-Nov-2008	12:00:00	-14.4	-6.8	-5.8						
2-Nov-2008	18:00:00	-15.7	-8.0	-6.3						
2-Nov-2008	24:00:00	-16.4	-8.9	-5.4						
3-Nov-2008	06:00:00	-16.2	-8.9	-4.7						
3-Nov-2008	12:00:00	-15.7	-8.7	-1.1						
3-Nov-2008	18:00:00	-2.8	-1.3	-0.3						
3-Nov-2008	24:00:00	-1.8	-0.8	-0.4						
4-Nov-2008	06:00:00	-3.7	-0.9	0.2						
4-Nov-2008	12:00:00	-3.2	0.1	-0.4						
4-Nov-2008	18:00:00	-3.8	-0.4	-0.3						
4-Nov-2008	24:00:00	-4.0	-0.2	-0.3						
5-Nov-2008	06:00:00	-3.5	-0.1	0.0						
5-Nov-2008	12:00:00	-3.6	0.2	-0.1						
5-Nov-2008	18:00:00	-4.0	0.1	-0.3						
5-Nov-2008	24:00:00	-4.4	0.0	-0.4						
6-Nov-2008	06:00:00	-4.6	-0.1	0.7						
6-Nov-2008	12:00:00	-3.5	1.0	-0.3						
6-Nov-2008	18:00:00	-4.8	0.1	-0.5						
6-Nov-2008	24:00:00	-5.1	0.0	-0.8						
7-Nov-2008	06:00:00	-5.4	-0.3	0.2						
7-Nov-2008	12:00:00	-4.2	0.7	-0.5						
7-Nov-2008	18:00:00	-5.2	-0.1	-0.8						
7-Nov-2008	24:00:00	-5.5	-0.4	-0.8						
8-Nov-2008	06:00:00	-5.5	-0.4	-0.3						
8-Nov-2008	12:00:00	-4.7	0.1	-0.5						

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
8-Nov-2008	18:00:00	-5.4	-0.1	-0.9						
8-Nov-2008	24:00:00	-6.1	-0.4	-1.2						
9-Nov-2008	06:00:00	-6.4	-0.7	-0.3						
9-Nov-2008	12:00:00	-5.3	0.3	-1.5						
9-Nov-2008	18:00:00	-6.8	-0.8	-1.8						
9-Nov-2008	24:00:00	-7.4	-1.2	-2.2						
10-Nov-2008	06:00:00	-8.0	-1.5	-0.8						
10-Nov-2008	12:00:00	-6.5	-0.3	-2.3						
10-Nov-2008	18:00:00	-8.1	-1.7	-2.7						
10-Nov-2008	24:00:00	-8.8	-2.1	-3.2						
11-Nov-2008	06:00:00	-9.3	-2.5	-2.2						
11-Nov-2008	12:00:00	-8.0	-1.5	-3.3						
11-Nov-2008	18:00:00	-9.3	-2.5	-3.6						
11-Nov-2008	24:00:00	-10.0	-3.0	-3.7						
12-Nov-2008	06:00:00	-10.2	-3.2	-2.6						
12-Nov-2008	12:00:00	-9.2	-2.2	-3.4						
12-Nov-2008	18:00:00	-10.1	-3.1	-3.4						
12-Nov-2008	24:00:00	-10.4	-3.4	-2.8						
13-Nov-2008	06:00:00	-7.6	-2.6	0.6						
13-Nov-2008	12:00:00	-0.9	1.2	0.0						
13-Nov-2008	18:00:00	-1.2	1.3	-0.1						
13-Nov-2008	24:00:00	-1.4	1.1	-0.1						
14-Nov-2008	06:00:00	-1.7	1.0	0.2						
14-Nov-2008	12:00:00	-1.2	1.0	-0.1						
14-Nov-2008	18:00:00	-1.7	0.9	0.0						
14-Nov-2008	24:00:00	-1.7	0.9	0.0						
15-Nov-2008	06:00:00	-1.6	0.8	0.8						
15-Nov-2008	12:00:00	-0.9	1.5	0.3						
15-Nov-2008	18:00:00	-1.5	1.2	0.7						
15-Nov-2008	24:00:00	-0.6	1.5	0.5						
16-Nov-2008	06:00:00	-1.3	1.4	1.2						
16-Nov-2008	12:00:00	-0.7	2.3	0.1						
16-Nov-2008	18:00:00	-2.0	1.3	-0.1						
16-Nov-2008	24:00:00	-2.4	1.1	-0.3						
17-Nov-2008	06:00:00	-2.7	0.9	1.0						
17-Nov-2008	12:00:00	-1.2	2.1							
17-Nov-2008	18:00:00									
17-Nov-2008	24:00:00									
18-Nov-2008	06:00:00									
18-Nov-2008	12:00:00									
18-Nov-2008	18:00:00									
18-Nov-2008	24:00:00									
19-Nov-2008	06:00:00									
19-Nov-2008	12:00:00									
19-Nov-2008	18:00:00									
19-Nov-2008	24:00:00									
20-Nov-2008	06:00:00									
20-Nov-2008	12:00:00									
20-Nov-2008	18:00:00									
20-Nov-2008	24:00:00									

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
21-Nov-2008	06:00:00									
21-Nov-2008	12:00:00									
21-Nov-2008	18:00:00									
21-Nov-2008	24:00:00									
22-Nov-2008	06:00:00									
22-Nov-2008	12:00:00									
22-Nov-2008	18:00:00									
22-Nov-2008	24:00:00									
23-Nov-2008	06:00:00									
23-Nov-2008	12:00:00									
23-Nov-2008	18:00:00									
23-Nov-2008	24:00:00									
24-Nov-2008	06:00:00									
24-Nov-2008	12:00:00									
24-Nov-2008	18:00:00									
24-Nov-2008	24:00:00									
25-Nov-2008	06:00:00									
25-Nov-2008	12:00:00									
25-Nov-2008	18:00:00									
25-Nov-2008	24:00:00									
26-Nov-2008	06:00:00									
26-Nov-2008	12:00:00									
26-Nov-2008	18:00:00									
26-Nov-2008	24:00:00									
27-Nov-2008	06:00:00									
27-Nov-2008	12:00:00									
27-Nov-2008	18:00:00									
27-Nov-2008	24:00:00									
28-Nov-2008	06:00:00									
28-Nov-2008	12:00:00									
28-Nov-2008	18:00:00									
28-Nov-2008	24:00:00									
29-Nov-2008	06:00:00									
29-Nov-2008	12:00:00									
29-Nov-2008	18:00:00									
29-Nov-2008	24:00:00									
30-Nov-2008	06:00:00									
30-Nov-2008	12:00:00									
30-Nov-2008	18:00:00									
30-Nov-2008	24:00:00									
1-Dec-2008	06:00:00									
1-Dec-2008	12:00:00									
1-Dec-2008	18:00:00									
1-Dec-2008	24:00:00									
2-Dec-2008	06:00:00									
2-Dec-2008	12:00:00									
2-Dec-2008	18:00:00									
2-Dec-2008	24:00:00									
3-Dec-2008	06:00:00									
3-Dec-2008	12:00:00									

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
3-Dec-2008	18:00:00									
3-Dec-2008	24:00:00									
4-Dec-2008	06:00:00									
4-Dec-2008	12:00:00									
4-Dec-2008	18:00:00									
4-Dec-2008	24:00:00									
5-Dec-2008	06:00:00									
5-Dec-2008	12:00:00									
5-Dec-2008	18:00:00									
5-Dec-2008	24:00:00									
6-Dec-2008	06:00:00									
6-Dec-2008	12:00:00									
6-Dec-2008	18:00:00									
6-Dec-2008	24:00:00									
7-Dec-2008	06:00:00									
7-Dec-2008	12:00:00									
7-Dec-2008	18:00:00									
7-Dec-2008	24:00:00									
8-Dec-2008	06:00:00									
8-Dec-2008	12:00:00									
8-Dec-2008	18:00:00									
8-Dec-2008	24:00:00									
9-Dec-2008	06:00:00									
9-Dec-2008	12:00:00									
9-Dec-2008	18:00:00									
9-Dec-2008	24:00:00									
10-Dec-2008	06:00:00									
10-Dec-2008	12:00:00									
10-Dec-2008	18:00:00									
10-Dec-2008	24:00:00									
11-Dec-2008	06:00:00									
11-Dec-2008	12:00:00									
11-Dec-2008	18:00:00									
11-Dec-2008	24:00:00									
12-Dec-2008	06:00:00									
12-Dec-2008	12:00:00									
12-Dec-2008	18:00:00									
12-Dec-2008	24:00:00									
13-Dec-2008	06:00:00									
13-Dec-2008	12:00:00									
13-Dec-2008	18:00:00									
13-Dec-2008	24:00:00									
14-Dec-2008	06:00:00									
14-Dec-2008	12:00:00									
14-Dec-2008	18:00:00									
14-Dec-2008	24:00:00									
15-Dec-2008	06:00:00									
15-Dec-2008	12:00:00									
15-Dec-2008	18:00:00									
15-Dec-2008	24:00:00									

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
16-Dec-2008	06:00:00									
16-Dec-2008	12:00:00									
16-Dec-2008	18:00:00									
16-Dec-2008	24:00:00									
17-Dec-2008	06:00:00									
17-Dec-2008	12:00:00									
17-Dec-2008	18:00:00									
17-Dec-2008	24:00:00									
18-Dec-2008	06:00:00									
18-Dec-2008	12:00:00									
18-Dec-2008	18:00:00									
18-Dec-2008	24:00:00									
19-Dec-2008	06:00:00									
19-Dec-2008	12:00:00									
19-Dec-2008	18:00:00									
19-Dec-2008	24:00:00									
20-Dec-2008	06:00:00									
20-Dec-2008	12:00:00									
20-Dec-2008	18:00:00									
20-Dec-2008	24:00:00									
21-Dec-2008	06:00:00									
21-Dec-2008	12:00:00									
21-Dec-2008	18:00:00									
21-Dec-2008	24:00:00									
22-Dec-2008	06:00:00									
22-Dec-2008	12:00:00									
22-Dec-2008	18:00:00									
22-Dec-2008	24:00:00									
23-Dec-2008	06:00:00									
23-Dec-2008	12:00:00									
23-Dec-2008	18:00:00									
23-Dec-2008	24:00:00									
24-Dec-2008	06:00:00									
24-Dec-2008	12:00:00									
24-Dec-2008	18:00:00									
24-Dec-2008	24:00:00									
25-Dec-2008	06:00:00									
25-Dec-2008	12:00:00									
25-Dec-2008	18:00:00									
25-Dec-2008	24:00:00									
26-Dec-2008	06:00:00									
26-Dec-2008	12:00:00									
26-Dec-2008	18:00:00									
26-Dec-2008	24:00:00									
27-Dec-2008	06:00:00									
27-Dec-2008	12:00:00									
27-Dec-2008	18:00:00									
27-Dec-2008	24:00:00									
28-Dec-2008	06:00:00									
28-Dec-2008	12:00:00									

Date	Time	Water Level (inches)								
dd-mmm-yyyy	hh:mm:ss	AW1	AW2	AW3	AW4	AW5	AW6	AW7	REF-BP	
28-Dec-2008	18:00:00									
28-Dec-2008	24:00:00									
29-Dec-2008	06:00:00									
29-Dec-2008	12:00:00									
29-Dec-2008	18:00:00									
29-Dec-2008	24:00:00									
30-Dec-2008	06:00:00									
30-Dec-2008	12:00:00									
30-Dec-2008	18:00:00									
30-Dec-2008	24:00:00									
31-Dec-2008	06:00:00									
31-Dec-2008	12:00:00									
31-Dec-2008	18:00:00									
31-Dec-2008	24:00:00									

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
1-Jan-2008					0	
1-Jan-2008						
1-Jan-2008						
1-Jan-2008						
2-Jan-2008						
2-Jan-2008						
2-Jan-2008						
2-Jan-2008						
3-Jan-2008						
3-Jan-2008						
3-Jan-2008						
3-Jan-2008						
4-Jan-2008						
4-Jan-2008						
4-Jan-2008						
4-Jan-2008						
5-Jan-2008						
5-Jan-2008						
5-Jan-2008						
5-Jan-2008						
6-Jan-2008						
6-Jan-2008						
6-Jan-2008						
6-Jan-2008						
7-Jan-2008						
7-Jan-2008						
7-Jan-2008						
7-Jan-2008						
8-Jan-2008						
8-Jan-2008						
8-Jan-2008						
8-Jan-2008						
9-Jan-2008						
9-Jan-2008						
9-Jan-2008						
9-Jan-2008						
10-Jan-2008						
10-Jan-2008						
10-Jan-2008						
10-Jan-2008						
11-Jan-2008						
11-Jan-2008						
11-Jan-2008						
11-Jan-2008						
12-Jan-2008						
12-Jan-2008						
12-Jan-2008						
12-Jan-2008						
13-Jan-2008						
13-Jan-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
13-Jan-2008						
13-Jan-2008						
14-Jan-2008						
14-Jan-2008						
14-Jan-2008						
14-Jan-2008						
15-Jan-2008						
15-Jan-2008						
15-Jan-2008						
15-Jan-2008						
16-Jan-2008						
16-Jan-2008						
16-Jan-2008						
16-Jan-2008						
17-Jan-2008						
17-Jan-2008						
17-Jan-2008						
17-Jan-2008						
18-Jan-2008						
18-Jan-2008						
18-Jan-2008						
18-Jan-2008						
19-Jan-2008						
19-Jan-2008						
19-Jan-2008						
19-Jan-2008						
20-Jan-2008						
20-Jan-2008						
20-Jan-2008						
20-Jan-2008						
21-Jan-2008						
21-Jan-2008						
21-Jan-2008						
21-Jan-2008						
22-Jan-2008						
22-Jan-2008						
22-Jan-2008						
22-Jan-2008						
23-Jan-2008						
23-Jan-2008						
23-Jan-2008						
23-Jan-2008						
24-Jan-2008						
24-Jan-2008						
24-Jan-2008						
24-Jan-2008						
25-Jan-2008						
25-Jan-2008						
25-Jan-2008						
25-Jan-2008						

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
26-Jan-2008						
26-Jan-2008						
26-Jan-2008						
26-Jan-2008						
27-Jan-2008						
27-Jan-2008						
27-Jan-2008						
27-Jan-2008						
28-Jan-2008						
28-Jan-2008						
28-Jan-2008						
28-Jan-2008						
29-Jan-2008						
29-Jan-2008						
29-Jan-2008						
29-Jan-2008						
30-Jan-2008						
30-Jan-2008						
30-Jan-2008						
30-Jan-2008						
31-Jan-2008						
31-Jan-2008						
31-Jan-2008						
31-Jan-2008						0
1-Feb-2008						
1-Feb-2008						
1-Feb-2008						
1-Feb-2008						
2-Feb-2008					0	
2-Feb-2008						
2-Feb-2008						
2-Feb-2008						
3-Feb-2008					0	
3-Feb-2008						
3-Feb-2008						
3-Feb-2008						
4-Feb-2008					0	
4-Feb-2008						
4-Feb-2008						
4-Feb-2008						
5-Feb-2008					0	
5-Feb-2008						
5-Feb-2008						
5-Feb-2008						
6-Feb-2008					0	
6-Feb-2008						
6-Feb-2008						
6-Feb-2008						
7-Feb-2008					0	
7-Feb-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
7-Feb-2008						
7-Feb-2008						
8-Feb-2008					0	
8-Feb-2008						
8-Feb-2008						
8-Feb-2008						
9-Feb-2008					0	
9-Feb-2008						
9-Feb-2008						
9-Feb-2008						
10-Feb-2008					0	
10-Feb-2008						
10-Feb-2008						
10-Feb-2008						
11-Feb-2008					0	
11-Feb-2008						
11-Feb-2008						
11-Feb-2008						
12-Feb-2008					0	
12-Feb-2008						
12-Feb-2008						
12-Feb-2008						
13-Feb-2008		0	0	7.55	1.35	
13-Feb-2008						
13-Feb-2008						
13-Feb-2008						
14-Feb-2008					0.01	
14-Feb-2008						
14-Feb-2008						
14-Feb-2008						
15-Feb-2008					0	
15-Feb-2008						
15-Feb-2008						
15-Feb-2008						
16-Feb-2008					0	
16-Feb-2008						
16-Feb-2008						
16-Feb-2008						
17-Feb-2008					0	
17-Feb-2008						
17-Feb-2008						
17-Feb-2008						
18-Feb-2008					0.35	
18-Feb-2008						
18-Feb-2008						
18-Feb-2008						
19-Feb-2008					0	
19-Feb-2008						
19-Feb-2008						
19-Feb-2008						

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
20-Feb-2008					0	
20-Feb-2008						
20-Feb-2008						
20-Feb-2008						
21-Feb-2008					0.24	
21-Feb-2008						
21-Feb-2008						
21-Feb-2008						
22-Feb-2008					1.32	
22-Feb-2008						
22-Feb-2008						
22-Feb-2008						
23-Feb-2008					0.04	
23-Feb-2008						
23-Feb-2008						
23-Feb-2008						
24-Feb-2008					0.01	
24-Feb-2008						
24-Feb-2008						
24-Feb-2008						
25-Feb-2008					0	
25-Feb-2008						
25-Feb-2008						
25-Feb-2008						
26-Feb-2008					0.19	
26-Feb-2008						
26-Feb-2008						
26-Feb-2008						
27-Feb-2008					0	
27-Feb-2008						
27-Feb-2008						
27-Feb-2008						
28-Feb-2008					0	
28-Feb-2008						
28-Feb-2008						
28-Feb-2008						
29-Feb-2008					0	
29-Feb-2008						
29-Feb-2008						
29-Feb-2008						3.52
1-Mar-2008					0.01	
1-Mar-2008						
1-Mar-2008						
1-Mar-2008						
2-Mar-2008					0	
2-Mar-2008						
2-Mar-2008						
2-Mar-2008						
3-Mar-2008					0	
3-Mar-2008						

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
3-Mar-2008						
3-Mar-2008						
4-Mar-2008					0	
4-Mar-2008						
4-Mar-2008						
4-Mar-2008						
5-Mar-2008					0.83	
5-Mar-2008						
5-Mar-2008						
5-Mar-2008						
6-Mar-2008					0	
6-Mar-2008						
6-Mar-2008						
6-Mar-2008						
7-Mar-2008					0.75	
7-Mar-2008						
7-Mar-2008						
7-Mar-2008						
8-Mar-2008					0.13	
8-Mar-2008						
8-Mar-2008						
8-Mar-2008						
9-Mar-2008					0	
9-Mar-2008						
9-Mar-2008						
9-Mar-2008						
10-Mar-2008					0	
10-Mar-2008						
10-Mar-2008						
10-Mar-2008						
11-Mar-2008					0	
11-Mar-2008						
11-Mar-2008						
11-Mar-2008						
12-Mar-2008					0	
12-Mar-2008						
12-Mar-2008						
12-Mar-2008						
13-Mar-2008					0	
13-Mar-2008						
13-Mar-2008						
13-Mar-2008						
14-Mar-2008					0	
14-Mar-2008						
14-Mar-2008						
14-Mar-2008						
15-Mar-2008					1.03	
15-Mar-2008						
15-Mar-2008						
15-Mar-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
16-Mar-2008					0	
16-Mar-2008						
16-Mar-2008						
16-Mar-2008						
17-Mar-2008					0	
17-Mar-2008						
17-Mar-2008						
17-Mar-2008						
18-Mar-2008					0	
18-Mar-2008						
18-Mar-2008						
18-Mar-2008						
19-Mar-2008					0.05	
19-Mar-2008						
19-Mar-2008						
19-Mar-2008						
20-Mar-2008					0.54	
20-Mar-2008						
20-Mar-2008						
20-Mar-2008						
21-Mar-2008					0	
21-Mar-2008						
21-Mar-2008						
21-Mar-2008						
22-Mar-2008					0	
22-Mar-2008						
22-Mar-2008						
22-Mar-2008						
23-Mar-2008					0	
23-Mar-2008						
23-Mar-2008						
23-Mar-2008						
24-Mar-2008					0	
24-Mar-2008						
24-Mar-2008						
24-Mar-2008						
25-Mar-2008					0	
25-Mar-2008						
25-Mar-2008						
25-Mar-2008						
26-Mar-2008		0	0	4.36	0	
26-Mar-2008						
26-Mar-2008						
26-Mar-2008						
27-Mar-2008					0	
27-Mar-2008						
27-Mar-2008						
27-Mar-2008						
28-Mar-2008					0	
28-Mar-2008						

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
28-Mar-2008						
28-Mar-2008						
29-Mar-2008					0	
29-Mar-2008						
29-Mar-2008						
29-Mar-2008						
30-Mar-2008					0.28	
30-Mar-2008						
30-Mar-2008						
30-Mar-2008						
31-Mar-2008					0.09	
31-Mar-2008						
31-Mar-2008						
31-Mar-2008						4.26
1-Apr-2008					0.55	
1-Apr-2008						
1-Apr-2008						
1-Apr-2008						
2-Apr-2008					0.01	
2-Apr-2008						
2-Apr-2008						
2-Apr-2008						
3-Apr-2008					0.62	
3-Apr-2008						
3-Apr-2008						
3-Apr-2008						
4-Apr-2008					0.01	
4-Apr-2008						
4-Apr-2008						
4-Apr-2008						
5-Apr-2008					2.31	
5-Apr-2008						
5-Apr-2008						
5-Apr-2008						
6-Apr-2008					0.01	
6-Apr-2008						
6-Apr-2008						
6-Apr-2008						
7-Apr-2008					0.01	
7-Apr-2008						
7-Apr-2008						
7-Apr-2008						
8-Apr-2008					0	
8-Apr-2008						
8-Apr-2008						
8-Apr-2008						
9-Apr-2008					0.02	
9-Apr-2008						
9-Apr-2008						
9-Apr-2008						

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
10-Apr-2008					0	
10-Apr-2008						
10-Apr-2008						
10-Apr-2008						
11-Apr-2008					0	
11-Apr-2008						
11-Apr-2008						
11-Apr-2008						
12-Apr-2008	-27.72				0	
12-Apr-2008	-28.09					
12-Apr-2008	-27.87					
12-Apr-2008	-29.58					
13-Apr-2008	-26.13				0.01	
13-Apr-2008	-26.64					
13-Apr-2008	-26.39					
13-Apr-2008	-28.02					
14-Apr-2008	-27.67				0.01	
14-Apr-2008	-28.73					
14-Apr-2008	-28.55					
14-Apr-2008	-29.37					
15-Apr-2008	-29.03				0	
15-Apr-2008	-29.72					
15-Apr-2008	-29.45					
15-Apr-2008	-30.49					
16-Apr-2008	-29.75				0	
16-Apr-2008	-30.80					
16-Apr-2008	-29.96					
16-Apr-2008	-31.34					
17-Apr-2008	-30.83				0	
17-Apr-2008	-31.33					
17-Apr-2008	-30.77					
17-Apr-2008	-32.04					
18-Apr-2008	-31.56				0	
18-Apr-2008	-31.92					
18-Apr-2008	-31.35					
18-Apr-2008	-32.70					
19-Apr-2008	-32.18				0	
19-Apr-2008	-32.43					
19-Apr-2008	-31.75					
19-Apr-2008	-33.43					
20-Apr-2008	-32.77				0.44	
20-Apr-2008	-32.99					
20-Apr-2008	-30.48					
20-Apr-2008	-30.57					
21-Apr-2008	-30.11				0	
21-Apr-2008	-30.44					
21-Apr-2008	-30.07					
21-Apr-2008	-31.07					
22-Apr-2008	-9.03				0.87	
22-Apr-2008	-11.61					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
22-Apr-2008	-7.92					
22-Apr-2008	-10.50					
23-Apr-2008	-13.02	0.75	1.15	6.45	0.09	
23-Apr-2008	-16.07					
23-Apr-2008	-17.54					
23-Apr-2008	-20.09					
24-Apr-2008	-21.54				0	
24-Apr-2008	-21.78					
24-Apr-2008	-23.77					
24-Apr-2008	-24.33					
25-Apr-2008	-25.49				0	
25-Apr-2008	-25.61					
25-Apr-2008	-27.31					
25-Apr-2008	-27.48					
26-Apr-2008	-28.37				0	
26-Apr-2008	-27.98					
26-Apr-2008	-29.51					
26-Apr-2008	-29.23					
27-Apr-2008	-29.90				0.11	
27-Apr-2008	-29.46					
27-Apr-2008	-31.04					
27-Apr-2008	-29.25					
28-Apr-2008	-29.93				0.46	
28-Apr-2008	-29.29					
28-Apr-2008	-30.00					
28-Apr-2008	-26.24					
29-Apr-2008	-26.34				0	
29-Apr-2008	-26.15					
29-Apr-2008	-28.14					
29-Apr-2008	-28.13					
30-Apr-2008	-28.88				0	
30-Apr-2008	-28.46					
30-Apr-2008	-30.37					
30-Apr-2008	-30.12					5.53
1-May-2008	-30.50				0	
1-May-2008	-29.91					
1-May-2008	-31.79					
1-May-2008	-31.40					
2-May-2008	-31.63				0	
2-May-2008	-31.07					
2-May-2008	-32.75					
2-May-2008	-32.10					
3-May-2008	-32.66				0	
3-May-2008	-31.76					
3-May-2008	-33.42					
3-May-2008	-33.17					
4-May-2008	-33.12				0.13	
4-May-2008	-32.04					
4-May-2008	-33.68					
4-May-2008	-33.41					

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
5-May-2008	-33.17				0.18	
5-May-2008	-31.91					
5-May-2008	-33.19					
5-May-2008	-31.89					
6-May-2008	-31.82				0.01	
6-May-2008	-31.13					
6-May-2008	-33.12					
6-May-2008	-32.71					
7-May-2008	-32.93				0	
7-May-2008	-32.05					
7-May-2008	-34.13					
7-May-2008	-33.73					
8-May-2008	-33.87				0	
8-May-2008	-33.09					
8-May-2008	-34.49					
8-May-2008	-33.90					
9-May-2008	-33.84				0	
9-May-2008	-33.41					
9-May-2008	-35.04					
9-May-2008	-34.56					
10-May-2008	-33.00				0.34	
10-May-2008	-31.40					
10-May-2008	-33.24					
10-May-2008	-32.79					
11-May-2008	-33.18				1.13	
11-May-2008	-31.86					
11-May-2008	-29.76					
11-May-2008	-26.63					
12-May-2008	-26.89				0	
12-May-2008	-27.72					
12-May-2008	-29.42					
12-May-2008	-29.45					
13-May-2008	-30.29				0	
13-May-2008	-30.54					
13-May-2008	-32.18					
13-May-2008	-32.45					
14-May-2008	-33.05				0	
14-May-2008	-32.24					
14-May-2008	-33.92					
14-May-2008	-33.90					
15-May-2008	-34.07				0.02	
15-May-2008	-33.43					
15-May-2008	-34.57					
15-May-2008	-34.23					
16-May-2008	-34.20				0.1	
16-May-2008	-33.54					
16-May-2008	-34.62					
16-May-2008	-34.89					
17-May-2008	-34.79				0	
17-May-2008	-34.29					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
17-May-2008	-35.87					
17-May-2008	-36.01					
18-May-2008	-36.13				0.18	
18-May-2008	-35.41					
18-May-2008	-37.28					
18-May-2008	-36.50					
19-May-2008	-36.74				0.02	
19-May-2008	-35.10					
19-May-2008	-36.85					
19-May-2008	-36.45					
20-May-2008	-37.08				0.79	
20-May-2008	-36.44					
20-May-2008	-37.86					
20-May-2008	-33.65					
21-May-2008	-31.07				0.01	
21-May-2008	-30.05					
21-May-2008	-32.00					
21-May-2008	-31.77					
22-May-2008	-32.71				0	
22-May-2008	-32.31					
22-May-2008	-34.41					
22-May-2008	-34.55					
23-May-2008	-35.21				0	
23-May-2008	-34.47					
23-May-2008	-35.96					
23-May-2008	-36.29					
24-May-2008	-36.56				0.19	
24-May-2008	-35.63					
24-May-2008	-34.81					
24-May-2008	-33.71					
25-May-2008	-33.69				0	
25-May-2008	-33.09					
25-May-2008	-35.30					
25-May-2008	-35.63					
26-May-2008	-36.07				0	
26-May-2008	-35.09					
26-May-2008	-37.34					
26-May-2008	-37.16					
27-May-2008	-37.58				0	
27-May-2008	-37.03					
27-May-2008	-38.76					
27-May-2008	-38.53					
28-May-2008	-38.97	0	0	3.5	0.8	
28-May-2008	-38.77					
28-May-2008	-36.63					
28-May-2008	-33.02					
29-May-2008	-32.31				0.01	
29-May-2008	-31.61					
29-May-2008	-33.41					
29-May-2008	-33.41					

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
30-May-2008	-33.78				0	
30-May-2008	-33.48					
30-May-2008	-35.12					
30-May-2008	-35.27					
31-May-2008	-35.34				0	
31-May-2008	-35.03					
31-May-2008	-37.05					
31-May-2008	-37.11					5.94
1-Jun-2008	-37.53				2.03	
1-Jun-2008	-37.10					
1-Jun-2008	-39.14					
1-Jun-2008	-37.80					
2-Jun-2008	-37.56				0.05	
2-Jun-2008	-35.51					
2-Jun-2008	-36.99					
2-Jun-2008	-37.08					
3-Jun-2008	-37.29				0	
3-Jun-2008	-36.09					
3-Jun-2008	-38.06					
3-Jun-2008	-38.22					
4-Jun-2008	-38.19				0	
4-Jun-2008	-37.77					
4-Jun-2008	-39.80					
4-Jun-2008	-39.90					
5-Jun-2008	-39.92				0	
5-Jun-2008	-39.56					
5-Jun-2008	-41.31					
5-Jun-2008	-41.35					
6-Jun-2008	-41.42				0	
6-Jun-2008	-40.81					
6-Jun-2008	-42.57					
6-Jun-2008	-42.89					
7-Jun-2008	-42.61				0	
7-Jun-2008	-42.26					
7-Jun-2008	-44.01					
7-Jun-2008	-44.12					
8-Jun-2008	-43.92				0	
8-Jun-2008	-43.67					
8-Jun-2008	-45.27					
8-Jun-2008	-45.13					
9-Jun-2008	-45.15				0	
9-Jun-2008	-44.58					
9-Jun-2008	-46.31					
9-Jun-2008	-45.65					
10-Jun-2008	-45.73				0	
10-Jun-2008	-45.05					
10-Jun-2008	-46.93					
10-Jun-2008	-46.89					
11-Jun-2008	-46.80				0	
11-Jun-2008	-45.67					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2		Daily Rainfall	Monthly Rainfall
11-Jun-2008	-47.36					
11-Jun-2008	-46.57					
12-Jun-2008	-46.69				0	
12-Jun-2008	-45.65					
12-Jun-2008	-47.85					
12-Jun-2008	-47.71					
13-Jun-2008	-47.72				0	
13-Jun-2008	-46.79					
13-Jun-2008	-48.42					
13-Jun-2008	-48.18					
14-Jun-2008	-48.09				0	
14-Jun-2008	-47.16					
14-Jun-2008	-49.08					
14-Jun-2008	-48.84					
15-Jun-2008	-48.59				0.02	
15-Jun-2008	-47.39					
15-Jun-2008	-48.02					
15-Jun-2008	-48.17					
16-Jun-2008	-47.73				0	
16-Jun-2008	-46.89					
16-Jun-2008	-49.27					
16-Jun-2008	-48.93					
17-Jun-2008	-49.26				0	
17-Jun-2008	-48.19					
17-Jun-2008	-49.99					
17-Jun-2008	-50.00					
18-Jun-2008	-49.53				0	
18-Jun-2008	-49.05					
18-Jun-2008	-50.95					
18-Jun-2008	-50.63					
19-Jun-2008	-50.78				0	
19-Jun-2008	-49.56					
19-Jun-2008	-51.80					
19-Jun-2008	-51.56					
20-Jun-2008	-51.26				0	
20-Jun-2008	-50.21					
20-Jun-2008	-51.89					
20-Jun-2008	-51.80					
21-Jun-2008	-51.24				0.17	
21-Jun-2008	-50.16					
21-Jun-2008	-50.21					
21-Jun-2008	-50.06					
22-Jun-2008	-49.56				0	
22-Jun-2008	-48.53					
22-Jun-2008	-50.79					
22-Jun-2008	-50.15					
23-Jun-2008	-49.73				0.93	
23-Jun-2008	-48.98					
23-Jun-2008	-51.31					
23-Jun-2008	-50.57					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
24-Jun-2008	-50.31	0	0.4	1.32	0.01	
24-Jun-2008	-49.01					
24-Jun-2008	-49.88					
24-Jun-2008	-51.65					
25-Jun-2008	-51.21				0	
25-Jun-2008	-50.27					
25-Jun-2008	-52.33					
25-Jun-2008	-52.58					
26-Jun-2008	-52.33				0	
26-Jun-2008	-51.29					
26-Jun-2008	-53.40					
26-Jun-2008	-53.27					
27-Jun-2008	-53.42				0	
27-Jun-2008	-52.20					
27-Jun-2008	-54.02					
27-Jun-2008	-53.24					
28-Jun-2008	-53.89				0	
28-Jun-2008	-53.42					
28-Jun-2008	-53.93					
28-Jun-2008	-53.07					
29-Jun-2008	-53.88				0.23	
29-Jun-2008	-53.31					
29-Jun-2008	-54.55					
29-Jun-2008	-53.43					
30-Jun-2008	-54.03				0	
30-Jun-2008	-53.49					
30-Jun-2008	-54.06					
30-Jun-2008	-53.13					3.44
1-Jul-2008	-53.58				0	
1-Jul-2008	-53.23					
1-Jul-2008	-53.99					
1-Jul-2008	-53.40					
2-Jul-2008	-53.88				0	
2-Jul-2008	-53.39					
2-Jul-2008	-54.14					
2-Jul-2008	-53.21					
3-Jul-2008	-53.60				0	
3-Jul-2008	-53.23					
3-Jul-2008	-53.89					
3-Jul-2008	-53.21					
4-Jul-2008	-53.78				0	
4-Jul-2008	-53.31					
4-Jul-2008	-53.94					
4-Jul-2008	-53.63					
5-Jul-2008	-53.67				0.25	
5-Jul-2008	-53.24					
5-Jul-2008	-54.18					
5-Jul-2008	-53.43					
6-Jul-2008	-53.90				0.65	
6-Jul-2008	-53.39					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
6-Jul-2008	-53.93					
6-Jul-2008	-53.13					
7-Jul-2008	-53.40				0.13	
7-Jul-2008	-53.47					
7-Jul-2008	-53.54					
7-Jul-2008	-53.21					
8-Jul-2008	-53.81				0.02	
8-Jul-2008	-53.51					
8-Jul-2008	-54.12					
8-Jul-2008	-53.21					
9-Jul-2008	-53.70				0.12	
9-Jul-2008	-53.53					
9-Jul-2008	-53.97					
9-Jul-2008	-53.48					
10-Jul-2008	-51.49				0.07	
10-Jul-2008	-51.84					
10-Jul-2008	-53.10					
10-Jul-2008	-53.28					
11-Jul-2008	-53.49				0.1	
11-Jul-2008	-52.75					
11-Jul-2008	-52.88					
11-Jul-2008	-52.44					
12-Jul-2008	-52.25				0.01	
12-Jul-2008	-51.35					
12-Jul-2008	-52.64					
12-Jul-2008	-53.33					
13-Jul-2008	-53.85				0	
13-Jul-2008	-53.39					
13-Jul-2008	-54.15					
13-Jul-2008	-53.35					
14-Jul-2008	-53.78				0	
14-Jul-2008	-53.51					
14-Jul-2008	-54.45					
14-Jul-2008	-52.76					
15-Jul-2008	-53.84				0.02	
15-Jul-2008	-52.83					
15-Jul-2008	-53.36					
15-Jul-2008	-52.93					
16-Jul-2008	-53.03				0	
16-Jul-2008	-51.95					
16-Jul-2008	-53.41					
16-Jul-2008	-53.61					
17-Jul-2008	-54.08				0	
17-Jul-2008	-53.66					
17-Jul-2008	-53.97					
17-Jul-2008	-53.49					
18-Jul-2008	-53.82				0	
18-Jul-2008	-53.61					
18-Jul-2008	-53.95					
18-Jul-2008	-53.54					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
19-Jul-2008	-54.07				0.11	
19-Jul-2008	-53.54					
19-Jul-2008	-53.81					
19-Jul-2008	-53.64					
20-Jul-2008	-54.07				0.08	
20-Jul-2008	-53.53					
20-Jul-2008	-54.12					
20-Jul-2008	-53.63					
21-Jul-2008	-54.11				1.55	
21-Jul-2008	-53.84					
21-Jul-2008	-53.99					
21-Jul-2008	-53.49					
22-Jul-2008	-53.97				0	
22-Jul-2008	-53.58					
22-Jul-2008	-53.66					
22-Jul-2008	-53.45					
23-Jul-2008	-54.01				0.02	
23-Jul-2008	-53.67					
23-Jul-2008	-53.77					
23-Jul-2008	-53.73					
24-Jul-2008	-52.29				0.47	
24-Jul-2008	-53.48					
24-Jul-2008	-54.02					
24-Jul-2008	-53.19					
25-Jul-2008	-53.87				0.31	
25-Jul-2008	-53.46					
25-Jul-2008	-53.63					
25-Jul-2008	-53.53					
26-Jul-2008	-53.87				0.42	
26-Jul-2008	-53.48					
26-Jul-2008	-53.87					
26-Jul-2008	-53.51					
27-Jul-2008	-53.94				0.22	
27-Jul-2008	-53.45					
27-Jul-2008	-54.07					
27-Jul-2008	-53.51					
28-Jul-2008	-53.81				0.28	
28-Jul-2008	-53.34					
28-Jul-2008	-53.93					
28-Jul-2008	-53.47					
29-Jul-2008	-53.82				0	
29-Jul-2008	-53.48					
29-Jul-2008	-53.93					
29-Jul-2008	-53.47					
30-Jul-2008	-53.83	0	0	2.6	0.1	
30-Jul-2008	-53.54					
30-Jul-2008	-53.47					
30-Jul-2008	-53.36					
31-Jul-2008	-54.38				0.26	
31-Jul-2008	-54.18					

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
31-Jul-2008	-55.39					
31-Jul-2008	-45.51					5.2
1-Aug-2008	-49.70				0.01	
1-Aug-2008	-50.21					
1-Aug-2008	-51.41					
1-Aug-2008	-51.79					
2-Aug-2008	-52.17				0	
2-Aug-2008	-51.49					
2-Aug-2008	-53.42					
2-Aug-2008	-54.36					
3-Aug-2008	-53.99				0	
3-Aug-2008	-52.35					
3-Aug-2008	-53.18					
3-Aug-2008	-52.58					
4-Aug-2008	-52.09				0	
4-Aug-2008	-51.43					
4-Aug-2008	-52.04					
4-Aug-2008	-51.74					
5-Aug-2008	-51.81				0	
5-Aug-2008	-51.66					
5-Aug-2008	-52.34					
5-Aug-2008	-52.34					
6-Aug-2008	-52.68				0	
6-Aug-2008	-52.45					
6-Aug-2008	-53.51					
6-Aug-2008	-53.36					
7-Aug-2008	-53.59				0.65	
7-Aug-2008	-53.51					
7-Aug-2008	-54.56					
7-Aug-2008	-53.42					
8-Aug-2008	-54.67				0.04	
8-Aug-2008	-54.25					
8-Aug-2008	-54.71					
8-Aug-2008	-53.88					
9-Aug-2008	-53.84				1.96	
9-Aug-2008	-52.93					
9-Aug-2008	-53.23					
9-Aug-2008	-52.74					
10-Aug-2008	-53.16				0.13	
10-Aug-2008	-52.55					
10-Aug-2008	-53.53					
10-Aug-2008	-53.49					
11-Aug-2008	-36.06				1.09	
11-Aug-2008	-40.56					
11-Aug-2008	-42.77					
11-Aug-2008	-42.42					
12-Aug-2008	-42.77				0	
12-Aug-2008	-42.27					
12-Aug-2008	-43.49					
12-Aug-2008	-43.94					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
13-Aug-2008	-44.70				1.6	
13-Aug-2008	-39.84					
13-Aug-2008	-38.77					
13-Aug-2008	-36.65					
14-Aug-2008	-35.70				0.01	
14-Aug-2008	-34.75					
14-Aug-2008	-35.51					
14-Aug-2008	-35.43					
15-Aug-2008	-35.47				0	
15-Aug-2008	-35.01					
15-Aug-2008	-36.85					
15-Aug-2008	-36.69					
16-Aug-2008	-37.31				0	
16-Aug-2008	-36.20					
16-Aug-2008	-37.76					
16-Aug-2008	-38.10					
17-Aug-2008	-38.10				0	
17-Aug-2008	-37.55					
17-Aug-2008	-38.64					
17-Aug-2008	-38.60					
18-Aug-2008	-38.64				0.01	
18-Aug-2008	-37.99					
18-Aug-2008	-39.93					
18-Aug-2008	-40.16					
19-Aug-2008	-40.13				0	
19-Aug-2008	-39.81					
19-Aug-2008	-41.18					
19-Aug-2008	-41.04					
20-Aug-2008	-40.88				0.17	
20-Aug-2008	-40.04					
20-Aug-2008	-40.88					
20-Aug-2008	-41.03					
21-Aug-2008	-40.68				0	
21-Aug-2008	-39.85					
21-Aug-2008	-41.22					
21-Aug-2008	-41.10					
22-Aug-2008	-41.03				0	
22-Aug-2008	-40.31					
22-Aug-2008	-41.78					
22-Aug-2008	-41.89					
23-Aug-2008	-41.67				0	
23-Aug-2008	-41.13					
23-Aug-2008	-43.57					
23-Aug-2008	-43.71					
24-Aug-2008	-43.83				0	
24-Aug-2008	-43.34					
24-Aug-2008	-45.80					
24-Aug-2008	-45.77					
25-Aug-2008	-45.85				0	
25-Aug-2008	-45.12					

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
25-Aug-2008	-47.40					
25-Aug-2008	-46.79					
26-Aug-2008	-46.57	0	0.3	5.2	0.02	
26-Aug-2008	-45.43					
26-Aug-2008						
26-Aug-2008						
27-Aug-2008					2.43	
27-Aug-2008						
27-Aug-2008						
27-Aug-2008						
28-Aug-2008					0.46	
28-Aug-2008						
28-Aug-2008						
28-Aug-2008						
29-Aug-2008					0	
29-Aug-2008						
29-Aug-2008						
29-Aug-2008						
30-Aug-2008					0	
30-Aug-2008						
30-Aug-2008						
30-Aug-2008						
31-Aug-2008					0	
31-Aug-2008						
31-Aug-2008						
31-Aug-2008						8.58
1-Sep-2008					0	
1-Sep-2008						
1-Sep-2008						
1-Sep-2008						
2-Sep-2008					0	
2-Sep-2008						
2-Sep-2008						
2-Sep-2008						
3-Sep-2008					0	
3-Sep-2008						
3-Sep-2008						
3-Sep-2008						
4-Sep-2008					0	
4-Sep-2008						
4-Sep-2008						
4-Sep-2008						
5-Sep-2008					0.69	
5-Sep-2008						
5-Sep-2008						
5-Sep-2008						
6-Sep-2008					0.3	
6-Sep-2008						
6-Sep-2008						
6-Sep-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
7-Sep-2008					0	
7-Sep-2008						
7-Sep-2008						
7-Sep-2008						
8-Sep-2008					0	
8-Sep-2008						
8-Sep-2008						
8-Sep-2008						
9-Sep-2008					0.45	
9-Sep-2008						
9-Sep-2008						
9-Sep-2008						
10-Sep-2008					0.19	
10-Sep-2008						
10-Sep-2008						
10-Sep-2008						
11-Sep-2008					0.01	
11-Sep-2008						
11-Sep-2008						
11-Sep-2008						
12-Sep-2008					0	
12-Sep-2008						
12-Sep-2008						
12-Sep-2008						
13-Sep-2008					0	
13-Sep-2008						
13-Sep-2008						
13-Sep-2008						
14-Sep-2008					0	
14-Sep-2008						
14-Sep-2008						
14-Sep-2008						
15-Sep-2008					0.27	
15-Sep-2008						
15-Sep-2008						
15-Sep-2008						
16-Sep-2008					0.01	
16-Sep-2008						
16-Sep-2008						
16-Sep-2008						
17-Sep-2008					0	
17-Sep-2008						
17-Sep-2008						
17-Sep-2008						
18-Sep-2008					0	
18-Sep-2008						
18-Sep-2008						
18-Sep-2008						
19-Sep-2008					0	
19-Sep-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
19-Sep-2008						
19-Sep-2008						
20-Sep-2008					0	
20-Sep-2008						
20-Sep-2008						
20-Sep-2008						
21-Sep-2008					0	
21-Sep-2008						
21-Sep-2008						
21-Sep-2008						
22-Sep-2008					0.01	
22-Sep-2008						
22-Sep-2008						
22-Sep-2008						
23-Sep-2008		0	0.2	6.42	0	
23-Sep-2008						
23-Sep-2008						
23-Sep-2008						
24-Sep-2008					0	
24-Sep-2008						
24-Sep-2008						
24-Sep-2008						
25-Sep-2008					1.31	
25-Sep-2008						
25-Sep-2008						
25-Sep-2008						
26-Sep-2008					0.42	
26-Sep-2008						
26-Sep-2008						
26-Sep-2008						
27-Sep-2008					0.01	
27-Sep-2008						
27-Sep-2008						
27-Sep-2008						
28-Sep-2008					0	
28-Sep-2008						
28-Sep-2008						
28-Sep-2008						
29-Sep-2008					0	
29-Sep-2008						
29-Sep-2008						
29-Sep-2008						
30-Sep-2008					0.34	
30-Sep-2008						
30-Sep-2008						
30-Sep-2008						4.23
1-Oct-2008					0.22	
1-Oct-2008						
1-Oct-2008						
1-Oct-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2		Daily Rainfall	Monthly Rainfall
2-Oct-2008					0	
2-Oct-2008						
2-Oct-2008						
2-Oct-2008						
3-Oct-2008					0	
3-Oct-2008						
3-Oct-2008						
3-Oct-2008						
4-Oct-2008					0	
4-Oct-2008						
4-Oct-2008						
4-Oct-2008						
5-Oct-2008					0	
5-Oct-2008						
5-Oct-2008						
5-Oct-2008						
6-Oct-2008					0.01	
6-Oct-2008						
6-Oct-2008						
6-Oct-2008						
7-Oct-2008					0	
7-Oct-2008						
7-Oct-2008						
7-Oct-2008						
8-Oct-2008					0	
8-Oct-2008						
8-Oct-2008						
8-Oct-2008						
9-Oct-2008					0.09	
9-Oct-2008						
9-Oct-2008						
9-Oct-2008						
10-Oct-2008					0.17	
10-Oct-2008						
10-Oct-2008						
10-Oct-2008						
11-Oct-2008					0.55	
11-Oct-2008						
11-Oct-2008						
11-Oct-2008						
12-Oct-2008					0	
12-Oct-2008						
12-Oct-2008						
12-Oct-2008						
13-Oct-2008					0.01	
13-Oct-2008						
13-Oct-2008						
13-Oct-2008						
14-Oct-2008					0	
14-Oct-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
14-Oct-2008						
14-Oct-2008						
15-Oct-2008					0	
15-Oct-2008						
15-Oct-2008						
15-Oct-2008						
16-Oct-2008					0	
16-Oct-2008						
16-Oct-2008						
16-Oct-2008						
17-Oct-2008					0.13	
17-Oct-2008						
17-Oct-2008						
17-Oct-2008						
18-Oct-2008					0.48	
18-Oct-2008						
18-Oct-2008						
18-Oct-2008						
19-Oct-2008					0.02	
19-Oct-2008						
19-Oct-2008						
19-Oct-2008						
20-Oct-2008					0	
20-Oct-2008						
20-Oct-2008						
20-Oct-2008						
21-Oct-2008					0	
21-Oct-2008						
21-Oct-2008						
21-Oct-2008						
22-Oct-2008					0	
22-Oct-2008						
22-Oct-2008						
22-Oct-2008						
23-Oct-2008					0	
23-Oct-2008						
23-Oct-2008						
23-Oct-2008						
24-Oct-2008					0.04	
24-Oct-2008						
24-Oct-2008						
24-Oct-2008						
25-Oct-2008					0.17	
25-Oct-2008						
25-Oct-2008						
25-Oct-2008						
26-Oct-2008					0.01	
26-Oct-2008						
26-Oct-2008						
26-Oct-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
27-Oct-2008					0.01	
27-Oct-2008						
27-Oct-2008						
27-Oct-2008						
28-Oct-2008					0.01	
28-Oct-2008						
28-Oct-2008						
28-Oct-2008						
29-Oct-2008					0	
29-Oct-2008						
29-Oct-2008						
29-Oct-2008						
30-Oct-2008					0	
30-Oct-2008						
30-Oct-2008						
30-Oct-2008						
31-Oct-2008					0	
31-Oct-2008						
31-Oct-2008						
31-Oct-2008						1.92
1-Nov-2008					0	
1-Nov-2008						
1-Nov-2008						
1-Nov-2008						
2-Nov-2008					0	
2-Nov-2008						
2-Nov-2008						
2-Nov-2008						
3-Nov-2008					1.14	
3-Nov-2008						
3-Nov-2008						
3-Nov-2008						
4-Nov-2008					0.06	
4-Nov-2008						
4-Nov-2008						
4-Nov-2008						
5-Nov-2008					0.12	
5-Nov-2008						
5-Nov-2008						
5-Nov-2008						
6-Nov-2008					0	
6-Nov-2008						
6-Nov-2008						
6-Nov-2008						
7-Nov-2008					0	
7-Nov-2008						
7-Nov-2008						
7-Nov-2008						
8-Nov-2008					0	
8-Nov-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
8-Nov-2008						
8-Nov-2008						
9-Nov-2008					0	
9-Nov-2008						
9-Nov-2008						
9-Nov-2008						
10-Nov-2008					0	
10-Nov-2008						
10-Nov-2008						
10-Nov-2008						
11-Nov-2008					0	
11-Nov-2008						
11-Nov-2008						
11-Nov-2008						
12-Nov-2008					0	
12-Nov-2008						
12-Nov-2008						
12-Nov-2008						
13-Nov-2008					1.06	
13-Nov-2008						
13-Nov-2008						
13-Nov-2008						
14-Nov-2008					0.08	
14-Nov-2008						
14-Nov-2008						
14-Nov-2008						
15-Nov-2008					0.1	
15-Nov-2008						
15-Nov-2008						
15-Nov-2008						
16-Nov-2008					0.02	
16-Nov-2008						
16-Nov-2008						
16-Nov-2008						
17-Nov-2008					0	
17-Nov-2008						
17-Nov-2008						
17-Nov-2008		0	0.3	6.18		
18-Nov-2008					0	
18-Nov-2008						
18-Nov-2008						
18-Nov-2008						
19-Nov-2008					0	
19-Nov-2008						
19-Nov-2008						
19-Nov-2008						
20-Nov-2008					0	
20-Nov-2008						
20-Nov-2008						
20-Nov-2008						

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
21-Nov-2008					0	
21-Nov-2008						
21-Nov-2008						
21-Nov-2008						
22-Nov-2008						
22-Nov-2008						
22-Nov-2008						
22-Nov-2008						
23-Nov-2008						
23-Nov-2008						
23-Nov-2008						
23-Nov-2008						
24-Nov-2008						
24-Nov-2008						
24-Nov-2008						
24-Nov-2008						
25-Nov-2008						
25-Nov-2008						
25-Nov-2008						
25-Nov-2008						
26-Nov-2008						
26-Nov-2008						
26-Nov-2008						
26-Nov-2008						
27-Nov-2008						
27-Nov-2008						
27-Nov-2008						
27-Nov-2008						
28-Nov-2008						
28-Nov-2008						
28-Nov-2008						
28-Nov-2008						
29-Nov-2008						
29-Nov-2008						
29-Nov-2008						
29-Nov-2008						
30-Nov-2008						
30-Nov-2008						
30-Nov-2008						
30-Nov-2008						2.58
1-Dec-2008						
1-Dec-2008						
1-Dec-2008						
1-Dec-2008						
2-Dec-2008						
2-Dec-2008						
2-Dec-2008						
2-Dec-2008						
3-Dec-2008						
3-Dec-2008						

				Weatherstation Rainfall Data		
Date				On-site	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2	Raingauge	Daily Rainfall	Monthly Rainfall
3-Dec-2008						
3-Dec-2008						
4-Dec-2008						
4-Dec-2008						
4-Dec-2008						
4-Dec-2008						
5-Dec-2008						
5-Dec-2008						
5-Dec-2008						
5-Dec-2008						
6-Dec-2008						
6-Dec-2008						
6-Dec-2008						
6-Dec-2008						
7-Dec-2008						
7-Dec-2008						
7-Dec-2008						
7-Dec-2008						
8-Dec-2008						
8-Dec-2008						
8-Dec-2008						
8-Dec-2008						
9-Dec-2008						
9-Dec-2008						
9-Dec-2008						
9-Dec-2008						
10-Dec-2008						
10-Dec-2008						
10-Dec-2008						
10-Dec-2008						
11-Dec-2008						
11-Dec-2008						
11-Dec-2008						
11-Dec-2008						
12-Dec-2008						
12-Dec-2008						
12-Dec-2008						
12-Dec-2008						
13-Dec-2008						
13-Dec-2008						
13-Dec-2008						
13-Dec-2008						
14-Dec-2008						
14-Dec-2008						
14-Dec-2008						
14-Dec-2008						
15-Dec-2008						
15-Dec-2008						
15-Dec-2008						
15-Dec-2008						

				Weatherstation Rainfall Data		
Date				On-site Raingauge	Hoffmann (NHOF)	Hoffmann
dd-mmm-yyyy	REF-WO	GC1	CG2		Daily Rainfall	Monthly Rainfall
16-Dec-2008						
16-Dec-2008						
16-Dec-2008						
16-Dec-2008						
17-Dec-2008						
17-Dec-2008						
17-Dec-2008						
17-Dec-2008						
18-Dec-2008						
18-Dec-2008						
18-Dec-2008						
18-Dec-2008						
19-Dec-2008						
19-Dec-2008						
19-Dec-2008						
19-Dec-2008						
20-Dec-2008						
20-Dec-2008						
20-Dec-2008						
20-Dec-2008						
21-Dec-2008						
21-Dec-2008						
21-Dec-2008						
21-Dec-2008						
22-Dec-2008						
22-Dec-2008						
22-Dec-2008						
22-Dec-2008						
23-Dec-2008						
23-Dec-2008						
23-Dec-2008						
23-Dec-2008						
24-Dec-2008						
24-Dec-2008						
24-Dec-2008						
24-Dec-2008						
25-Dec-2008						
25-Dec-2008						
25-Dec-2008						
25-Dec-2008						
26-Dec-2008						
26-Dec-2008						
26-Dec-2008						
26-Dec-2008						
27-Dec-2008						
27-Dec-2008						
27-Dec-2008						
27-Dec-2008						
28-Dec-2008						
28-Dec-2008						

					Weatherstation Rainfall Data	
Date				On-site Raingauge	Hoffmann (NHOF) Daily Rainfall	Hoffmann Monthly Rainfall
dd-mmm-yyyy	REF-WO	GC1	CG2			
28-Dec-2008						
28-Dec-2008						
29-Dec-2008						
29-Dec-2008						
29-Dec-2008						
29-Dec-2008						
30-Dec-2008						
30-Dec-2008						
30-Dec-2008						
30-Dec-2008						
31-Dec-2008						
31-Dec-2008						
31-Dec-2008						
31-Dec-2008						0

APPENDIX D

2008 Site Photos



SPA 1. UT1-A Sta. 38+60 Log vane undercutting



SPA 2. UT1-B Sta. 45+00 Cattails in channel



SPA 3. UT1-B Sta. 68+85 Log vane undercutting



SPA 4. UT2 Sta.29+45 Right bank erosion



SPA 5. UT2 Sta.33+00 Log vane exposed on top of right bank



SPA 6. UT2 Throughout Floodplain vegetation sparse



SPA 7. UT2 Sta. 16+75 Erosion on both banks at log weir



Sta. 62+10 Log vane



Photo Point 1. Downstream



Photo Point 1. Upstream



Photo Point 2. Downstream



Photo Point 2. Upstream



Photo Point 3. Downstream



Photo Point 3. Upstream



Photo Point 4. Downstream



Photo Point 4. Upstream



Photo Point 5. Downstream



Photo Point 5. Upstream



Photo Point 6. Downstream



Photo Point 6. Upstream



Photo Point 7. Downstream



Photo Pont 7. Upstream



Photo Point 8. Downstream



Photo Point 8. Upstream



Photo Point 9. Downstream



Photo Point 9. Upstream



Photo Point 10. Downstream



Photo Point 10. Upstream



Photo Point 11. Downstream



Photo Point 11. Upstream



Photo Point 12. Downstream



Photo Point 12. Upstream



Photo Point 13. Downstream



Photo Point 13. Upstream



Photo Point 14. Downstream



Photo Point 14. Upstream



Photo Point 15 UT1-B. Downstream



Photo Point 15 UT1-B. Upstream



Photo Point 16 UT1-B. Downstream



Photo Point 16 UT1-B. Upstream



Photo Point 15 UT3. Downstream



Photo Point 15 UT3. Upstream



Photo Point 16 UT3. Downstream



Photo Point 16 UT3. Upstream



Photo Point 18. Downstream



Photo Point 18. Upstream



Photo Point 19. Downstream



Photo Point 19. Upstream



Vegetation Plot 1



Vegetation Plot 2



Vegetation Plot 3



Vegetation Plot 4



Vegetation Plot 5



Vegetation Plot 6



Vegetation Plot 7



Vegetation Plot 8



Vegetation Plot 9



Vegetation Plot 10



Vegetation Plot 11



Vegetation Plot 12



Vegetation Plot 13



Vegetation Plot 14



Vegetation Plot 15



Vegetation Plot 16



Vegetation Plot 17



Vegetation Plot 18



Vegetation Plot 19



Vegetation Plot 20