



Kestrel Horizons, LLC
As Trustee for the
Pinewood Site Custodial Trust

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March 8, 2013

Ms. Cynde Devlin, Hydrogeologist
Division of Hydrogeology
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

RE: Pinewood Site
Hydrologic Monitoring Technical Memorandum
SCD 070 375 985

Dear Ms. Devlin:

Please find enclosed two (2) copies of the Hydrologic Monitoring Technical Memorandum. AECOM prepared the memorandum on behalf of the Pinewood Site Custodial Trust. The report is being submitted in a reduced paper form and complete electronic form.

Please contact us at (864) 288-6353 if you have any questions or comments.

Sincerely,

A handwritten signature in blue ink that reads "Christopher J. Suttell".

Christopher J. Suttell
Kestrel Horizons, LLC, as Trustee for the Pinewood Site Custodial Trust

A handwritten signature in blue ink that reads "David G. Nichols".

David G. Nichols

Enclosures

cc: Mr. Brian Burgess, STC (Pinewood Site File)
PSCT 06.26 (letter and report)
PSCT 03.80 (letter)

FINAL
TECHNICAL MEMORANDUM

TO: Kestrel Horizons, LLC, as the Trustee for the Pinewood Site Custodial Trust

FROM: John R. Haramut, P.G., AECOM
 Leslee J. Alexander, P.G., AECOM
 Thomas M. Champion, P.G., AECOM

COPY: AECOM Project File 60222141

RE: Hydrologic Monitoring Technical Memorandum
 Pinewood Hydrologic Evaluation
 Pinewood, South Carolina
 AECOM Project Number 60222141

DATE: March 8, 2013

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This Technical Memorandum has been prepared to summarize the hydraulic data collected during the twelve month Pinewood Hydraulic Evaluation study performed during 2011 and 2012 at the Pinewood Landfill (the Site). A Preliminary Hydrologic Monitoring Technical Memorandum was submitted by AECOM on December 21, 2011 and is included as Attachment A. The Preliminary Hydrologic Monitoring Technical Memorandum contains preliminary information relevant to the project including discussions of:

- Project background,
- Field preparation,
- Transducer deployment and installation in August 2012,
- Transducer calibration, and
- Water level, groundwater temperature and ambient atmospheric pressure data collected from September 1, 2012 through October 31, 2012.

INTRODUCTION

During 2010, AECOM supported the Pinewood Improvement Projects including Element 2: Review, Enhancement and Optimization of the Environmental Monitoring Systems. AECOM scientists and engineers performed a critical review of the environmental monitoring systems in place at the Pinewood Landfill Site located in Pinewood, South Carolina. A map showing the location of the Site monitoring wells and pertinent Site features is included as Figure 1. The hydraulic monitoring program presented herein was developed as a result of the environmental monitoring systems review to gather supplemental hydraulic data to better understand the complex groundwater systems and their interaction beneath the Pinewood Site property.

The natural groundwater flow direction in the Primary Sawdust Landing (PSDL) and Upper Black Creek – A (UBC-A) aquifers beneath the Site is primarily west toward Lake Marion, as shown in the 2002 hydrostratigraphic cross-section included as Figure 2. During the Pinewood Improvement Projects, detailed analyses of groundwater monitoring data indicated that the groundwater flow direction within the PSDL and UBC-A aquifers had been altered as a result of off-Site groundwater pumping by others. Historical groundwater potentiometric surface maps indicated that the groundwater flow direction within the PSDL and UBC-A aquifers was altered (reversed from the west toward the east) during the winter months beginning in October, and that the natural groundwater flow direction to the west was restored during the summer months. Based on water level measurements collected during 2010, this cyclic groundwater flow direction trend is no longer observed and the predominant groundwater flow direction within these water-bearing units is toward the east throughout the year. As a result of this anthropogenic phenomenon, AECOM recommended a long-term (1-year) Hydrologic Monitoring Study of specific water-bearing units beneath the Pinewood Site property to further understand groundwater hydraulics beneath the Pinewood Landfill.

AECOM submitted a Proposal to Kestrel, Trustee for the Pinewood Site Custodial Trust (PSCT; “the Trustee”), on July 22, 2011 (approved by Kestrel on August 8, 2011) to monitor water levels for twelve months in 58 monitoring wells screened in four separate aquifer systems along three (3) east-west oriented transects and within the north-northwest/south-southeast trending paleo-channel that exists beneath the eastern portion of the Site (Figure 3; NOTE: transducers were deployed in 57 instead of 58 monitoring wells because one proposed well was not installed). The objective of the monitoring program was to measure and evaluate seasonal fluctuations in water levels at the Site and assess the effects of off-Site pumping on groundwater flow beneath the Site. This memorandum summarizes the data collected during the study period from September 1, 2011 through the final data download event on September 4, 2012, describes the data analysis techniques used to evaluate the data, includes conclusions based on the data analyses, and provides options for recommended future studies. In order to streamline review of the most pertinent information, the findings and recommendations for further work are presented first, followed by descriptions of the transducer deployment and performance, data preparation, and data analyses.

FINDINGS

1. The Opaline Calystone (OCS) acts hydraulically as a confining bed, reducing or preventing recharge from precipitation from entering the aquifers below. Because this unit is an effective confining bed, the affects of off-Site pumping observed in on-Site aquifers underlying the landfills are more widespread than if the affected aquifers being pumped were under water-table/unconfined conditions.
2. Studies by others have documented that there are twenty-nine duck pond wells and one agricultural well withdrawing groundwater in close proximity to the Pinewood Site property at a collective potential rate of over 8,000 gallons per minute (gpm) from the UBC aquifer.
3. Hydraulic heads within the UBC-A have declined approximately 20 to 25 feet since 2002. Initially, based on the groundwater flow model simulated heads from the model calibrated in 2002, groundwater flow within the UBC-A was toward Lake Marion at a horizontal gradient of 0.002 with heads ranging from 80 to 90 feet above mean sea level (msl) (using Site reference datum). With current off-Site pumping, groundwater flow is to the east with a gradient of 0.0015. The flow patterns within the UBC-A are still relatively uniform for most of 2011/2012. The greatest affects from off-Site pumping occur during November 2011 when groundwater flow within the UBC-A is more complex. During this time, water levels are lowest and a gradient of 0.015 occurs as groundwater moves to the Transitional Lang Syne (TLS) paleo-channel. Later in the year, water levels rebounded to some extent but not near the previous levels, remaining below 80 feet msl.
4. Throughout the year, groundwater flow in the UBC-A across the TLS paleo-channel is to the east for part of the year and then back into the paleo-channel (Figure 16 through 19). The changes in flow pattern are likely due to transient affects of off-Site groundwater pumping and rebound.
5. Hydraulic-head declines similar to those observed in the UBC-A have also occurred in the PSDL. The heads and gradients are most affected by pumping during November 2011 when

groundwater surface divides and troughs are present. Groundwater flow is generally to the east. The water levels rebound five (5) to six (6) feet during the year but do not return to the natural (pre-pumping) steady-state levels.

6. Beneath the landfill, heads within the Secondary Sawdust Landing (SSDL) have declined approximately 5 to 10 feet. The affects of pumping are variable. In some areas of the Site, such as on the west side of Landfill Sections I and II, there does not appear to be much drawdown. However, on the east side of the property, in the TLS paleo-channel, heads have declined as much as 20 feet.
7. The TLS is the least affected by pumping over most of the Facility. Groundwater flow patterns are similar to what they were in 2002, with a divide beneath Landfill Section I. Within the paleo-channel however, observed drawdown's of over 20 feet have occurred creating steep gradients from the western part of the Facility toward the paleo-channel (see Figure 4).
8. Generally, water levels within the UBC-A and PSDL are the most affected by off-Site pumping over most of the Site. Water levels within the SSDL are less affected. However, water levels within the TLS paleo-channel are affected by pumping across the entire thickness of the paleo-channel unit, though there is head separation from shallow to deep.
9. Groundwater flow directions have reversed (from west to east) within all aquifers except the TLS. Most of the drawdown affects occur in November and December. The greatest influence from off-Site pumping is in the direction of private well DP-2, reportedly pumping at 400 gpm. This well, located to the east of the Facility, is screened in the UBC. Other off-Site pumping wells located to the east of the Facility are present but well construction specifications and groundwater withdrawal rates and frequency information is limited. Off-Site well DP-1 to the north of the Facility, also reportedly pumping at 400 gpm, appears to influence water levels even though the available information indicates that this well is screened deeper than the UBC, probably in the Middendorf Formation.
10. The elevation of the flooded areas of Lake Marion near the Site is 70 feet above msl. The groundwater levels within the UBC-A are near this elevation and it is likely that a groundwater condition approaching steady state will occur near the lake level, caused by recharge from surface water.
11. Select monitoring well water levels (i.e., UBC023 in late April, MW094PR from early May through September, and MW139S from mid-April through September) show drawdown trends that cannot be explained by on-Site activities or the off-Site pumping described in the 2011 Production Well Evaluation (GEL Engineering, LLC, 2011).
12. The quarterly monitoring schedule currently brackets the period of seasonal off-Site pumping for the duck pond filling and, therefore, quarterly water level measurements do not capture the maximum drawdown caused by off-Site pumping.

RECOMMENDATIONS FOR FUTURE STUDIES AND EVALUATIONS

1. Utilize information from the hydrogeologic evaluation along with Baseline groundwater quality data collected in 2012 to update the conceptual Site model (CSM). Note – the baseline sampling was conducted in September 2012 in accordance with the Proposal for Pinewood Site Environmental Monitoring (AECOM, April 2012). The draft *Baseline Water Quality Evaluation Technical Memorandum* is currently in preparation.
2. Consider evaluating options to the current groundwater sampling methodology (e.g., low flow sampling) for wells that pump dry and are slow to recover.
3. Consider adjusting the water level monitoring schedule to obtain maximum drawdown data in monitoring wells during off-Site pumping during November.
4. Re-evaluate the Resource Conservation and Recovery Act (RCRA) Part B Permit-regulated Detection Monitoring Program (DMP). The DMP is based on the natural groundwater flow gradients and directions within each aquifer system. Groundwater hydraulics beneath the Site have significantly changed due to off-Site pumping and current groundwater flow conditions in the UBC, PSDL, SSDL, and the paleo-channel warrant a complete review of the viability of the monitoring well network and the DMP quarterly sampling program.
5. Groundwater flow reversals beneath the Site have been observed in the UBC, PSDL and SSDL thereby altering “background” conditions in these water-bearing units. Statistical calculations performed on quarterly groundwater quality data should be re-evaluated and modified to represent current background conditions.

TRANSDUCER DEPLOYMENT AND PERFORMANCE

A detailed description of transducer deployment activities for one Schlumberger Water Services (SWS) Baro DI 500 barometric pressure transducer and 57 SWS Micro-Diver model DI 602 pressure transducers deployed in monitoring wells is presented in the *Preliminary Hydrologic Monitoring Technical Memorandum* (AECOM, 2011), which is included as Attachment A. Prior to deployment, AECOM developed a detailed set of deployment instructions for the project field staff using the manufacturer provided electronic manuals. These transducer deployment instructions are included as Attachment B for reference. As summary of the well construction details and pressure transducer information is provided in Table 1.

After deployment, the transducer data was downloaded quarterly, approximately one week before each scheduled quarterly groundwater sampling event and at the end of the one year monitoring period. The quarterly data download events were performed on October 31, 2011, February 23, 2012, April 23, 2012, and July 23, 2012. The transducers were downloaded for the final time, removed from the wells, decontaminated, and packed for storage at the on-Site Change House between September 4, 2012 and September 6, 2012. Field forms from AECOM on-Site activities are included as Attachment C.

The SWS pressure transducers functioned as designed, although on a few occasions, select transducers were not working properly when AECOM was on-Site for the quarterly data download. These equipment malfunctions are listed below.

- During the February 23, 2012 download event, AECOM received a communication failure when connecting to the transducer cable for the pressure transducer (serial number AS6026-1135036) installed in monitoring well MW082S. The crew was able to download data from the transducer using the optical reader purchased from the manufacturer, indicating a problem with the cable or cable interface and not with the transducer. SWS technical support recommended that AECOM check the connections to make sure there was no water or moisture getting into the cable connection. AECOM checked this connection on February 29, 2012 and found water in the connection. A replacement cable was subsequently deployed on March 22, 2012.
- During the February 23, 2012 download event, transducer H3180 deployed in monitoring well P112A was showing January 30, 2012 as the current date and was missing some data measurements. Upon contacting SWS technical support, AECOM was informed that it appeared that the internal clock on the transducer had failed. Since the equipment was still under warranty, SWS instructed AECOM to ship the unit back to the manufacturer and another transducer would be shipped as a replacement. The replacement transducer (serial number L2219) was deployed on February 29, 2012.
- Upon deployment of the replacement transducer in P112A, AECOM had problems with the down hole communication cable (serial number AS6040-1108025) but the field crew was able to communicate with the transducer using the optical reader. SWS technical support indicated the cable needed to be replaced. A replacement cable was deployed on March 22, 2012.
- During the April 23, 2012 download event, AECOM noticed that the transducer H1435 deployed in monitoring well P112D had stopped recording data sometime after 09:00 am on April 20, 2012. Upon contacting SWS technical support, AECOM was informed that it appeared that the internal clock on the transducer had failed. AECOM pulled the transducer from the well and shipped it back to the manufacturer for replacement. The replacement transducer (serial number K9820) was deployed on June 12, 2012.
- On May 15, 2012, Richardson Smith Gardner & Associates, Inc. notified AECOM via email that the transducers were removed from monitoring wells MW081T, MW082S, MW130P, and UBC023 in preparation for abandonment of these wells. The transducers were stored on-Site until replacement wells could be identified. AECOM and the Trustee selected monitoring wells MW048TR, MW125P, MW135S, and UBC034 as replacement wells and the transducers were re-deployed on June 12, 2012.
- During the July 23, 2012 download event, AECOM noticed that the transducer H8283 deployed in monitoring well MW021 had stopped recording data sometime after 12:00 pm on July 18, 2012. Upon contacting SWS technical support, AECOM was told that it appeared that the internal clock on the transducer had failed. AECOM pulled the transducer from the well and shipped it back to

the manufacturer for replacement. The replacement transducer (serial number L8260) was deployed on July 31, 2012.

- During the July 23, 2012 download event, AECOM received a communication failure when connecting to the transducer cables for the pressure transducers installed in monitoring wells MW041T (serial number H8293), MW114D (serial number J4722), and UBC011 (serial number J4694). The crew was able to download data from the transducers using the optical reader, indicating a problem with the cables or cable interfaces and not with the transducers. AECOM checked the cable/transducer interface connection and found water in each connection. The connections were dried and the transducers were re-deployed.
- During the July 23, 2012 download event, AECOM observed that a dirt dauber ([wasps](#) from either the family [Sphecidae](#) or [Crabronidae](#)) had made a nest in the barometric pressure transducer and clogged two of the vent holes. AECOM personnel cleaned the nest out of the vent holes and re-deployed the transducer. However, the barometric pressure readings were found to be erratic and unreliable between 6 PM on June 21, 2012 and 12 PM on July 23, 2012.

DATA PREPARATION

Data downloaded from the pressure transducers consisted of temperature measurements in degrees Fahrenheit and raw measurements of the water level above the transducers in feet of water (i.e., pressure readings uncorrected for barometric pressure). These data were compiled in a Microsoft™ Excel spreadsheet and are included electronically in Attachment D. The raw data measurements were compensated/corrected for barometric pressure using the readings from the barometric pressure transducer and SWS Diver-Office 2011.1 version 4.0.76.0 software. The compensated data were also compiled in a Microsoft™ Excel spreadsheet and are included electronically in Attachment E. Note: Data between 6:00 PM on June 21, 2012 and 12:00 PM on July 23, 2012 are not compensated because the barometric pressure transducer was non-functional due to the presence of the insect nest during this time.

After the first download event, the Trustee notified AECOM that monthly water levels needed to be recorded on new monitoring wells less than one year old. The Trustee requested that AECOM provide monthly water levels for monitoring wells MW137T, MW138P, MW139S, MW140S, MW141T, UBC054, UBC055, and UBC056 after each download event. Monthly water levels for these monitoring wells were provided to the Trustee after each event (through July 23, 2012) and are included in Attachment F.

The PSCT maintains an on-Site rain gauge and records daily precipitation at the Site. This data was provided to AECOM for use in the evaluation. The precipitation data for the Hydrologic Evaluation was compiled in a Microsoft™ Excel spreadsheet and is included as Attachment G.

AECOM used the compensated water level measurements and the precipitation data to create time-series plots of water level and precipitation. The time-series plots are organized by aquifer unit and are presented in Attachment H.

AECOM used the compensated data along with the well construction information provided by the Trustee to create time-series of groundwater elevation data for each well. Time-series of groundwater elevation was graphed for each well cluster identified on Figure 3 and these graphs are presented in Attachment I. Furthermore, AECOM calculated a vertical gradient for adjacent wells in each cluster for each groundwater elevation data point. Time-series of vertical gradients are shown for each well cluster in Attachment I.

AECOM also received the quarterly water-level measurements for Site monitoring wells from the Trustee. These data were collected by the sampling crews prior to each quarterly monitoring event and are provided in Attachment J. These data were used to create quarterly potentiometric surface maps (Figures 4 through 23) for each aquifer unit included in the Hydrologic Evaluation (i.e., the TLS, SSDL, PSDL, and UBC-A). The maps were created using Surfer™ 10 software (Golden Software, Inc., 2012) to krig the data before adding professional interpretations manually. NOTE: during the evaluation of this data, AECOM was notified by email from the Trustee that the vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88); therefore future evaluation and/or correction may be required when using this information in conjunction with alternate vertical datum references.

DATA ANALYSES

Potentiometric maps (Figures 4 through 23) from late 2011 and 2012 show the maximum affect from off-Site pumping in November 2011. Groundwater flow directions are reversed within the UBC-A and the PSDL units. Rather than flowing to the west toward Lake Marion, groundwater flows in an easterly direction. In the past, there has been a divide in groundwater flow within the SSDL beneath Landfill Section I. This divide has moved to the west and likely occurs between the landfill and the lake, which can be seen along the edge of Section II at wells MW027AR and PSDL004. Groundwater flow directions within the TLS have not significantly changed from historical observations. A divide is located under Landfill Section I as previously documented. However, water levels within the TLS paleo-channel are much lower than in the past, creating steep gradients along the eastern perimeter of Landfill Sections I and II. In general, the affects of off-Site drawdown diminish after November but flow directions within the UBC-A, PSDL and SSDL do not return to a westerly direction. Within the TLS, there is some rebound in the TLS paleo-channel, but gradients from west to east remain relatively steep.

The data illustrate that there is considerable variation in groundwater elevations throughout the year (see time-series plots in Attachments H and I). AECOM quantified the difference in the minimum and maximum water level for each well (Table 2). The minimum and maximum water level differences

presented in Table 2 are summarized below by aquifer unit. The TLS and SSDL show the greatest variation, with maximum measured differences of over 50 feet.

Aquifer Unit	Minimum Difference (feet)	Maximum Difference (feet)
TLS	4.33	58.59
TLS Paleo-channel	14.55	20.50
SSDL	3.66	52.21
PSDL	2.32	38.79
UBC-A	8.09	35.31

The graphs showing time-series of water levels in Attachment I have been evaluated to establish possible causes of water level variations. Drawdown spikes associated with the quarterly monitoring were identified and labeled with an “S” on the time-series plots. This makes it apparent that some of the largest variations, especially in the TLS (and in some cases, the SSDL), can be attributed to the drawdown caused by on-Site pumping during quarterly groundwater monitoring events.

In each aquifer unit, there are also wells that exhibit a period of prolonged drawdown and subsequent recovery that occurs between October and March. The magnitude of this drawdown varies within individual aquifer units but can be as much as approximately 19 feet. This period of time corresponds to the time of year when seasonal flow reversals had been reported in deeper aquifers at the Site. According to the 2011 Production Well Evaluation (GEL Engineering LLC; 2011; Attachment K), off-Site pumping reportedly occurs to fill duck ponds in the vicinity of the Site and may result in the removal of up to 8,000 gpm from wells screened primarily in the UBC.

AECOM calculated the difference in water levels within the aquifers between October 8, 2011 and December 25, 2011 (the observed peak period of drawdown for most monitoring wells) to quantify the magnitude of the water level fluctuations during off-Site pumping. The data for this calculation are presented in Table 3 and the resulting maximum drawdowns are plotted on Figures 24 through 27. These figures illustrate that, for most aquifer units, the majority of the drawdown occurs in wells closest to the approximate boundary of the paleo-channel located beneath the eastern portion of the Site. In the UBC-A aquifer, however, the drawdown during the duck pond filling season is more wide spread and affects the majority of monitoring wells screened within the UBC-A. The drawdown data were plotted against the approximate distance from the paleo-channel for each well (Figure 28). Wells located to the east of the paleo-channel either 1) do not show a reliable relationship between distance from the paleo-channel and drawdown (i.e., the PSDL and TLS wells), or 2) do not show much variation in drawdown with distance from the paleo-channel (i.e., the UBC-A wells). For monitoring wells located to the west of the paleo-channel, all aquifer units exhibit trends indicating that drawdown decreases with distance from the paleo-channel. However, the magnitude of drawdown varies between units, with the most drawdown generally occurring in the UBC-A, followed by the PSDL, SSDL, and the TLS.

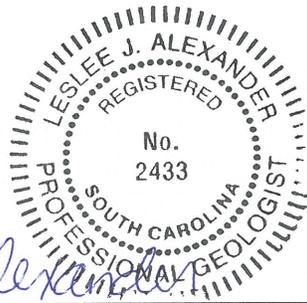
Although most water level variations can be attributed to either on-Site pumping during groundwater monitoring or off-Site pumping during the duck pond filling season, there are some data anomalies for which the cause is unknown (see Attachment H). For instance, monitoring well UBC023 shows a drawdown of approximately 30 feet on April 23, 2012 and there is no report of pumping in this well during this time. Monitoring well MW139S was repeatedly drawn down and then recovers quickly between April 30, 2012 and June 21, 2012. The water level in MW139S declined again beginning on August 9, 2012, and remained depressed for the remainder of the Hydrologic Evaluation period. The water level in monitoring well MW094PR dropped on May 10, 2012 (just before quarterly sampling) and slowly recovered over the remainder of the evaluation period. The causes for these anomalies are currently unknown. However, review of historic data shows that some of these anomalies (e.g., drawdown in MW094PR) may occur on an annual basis.

Time-series of groundwater elevations for well cluster were posted on the Site map to show spatial distribution in the relationships between water levels in each aquifer unit (Figure 29). Based upon the potentiometric maps, the influence from pumping is greatest within the UBC-A and the TLS paleo-channel. While the SSDL and TLS are not as affected by the off-Site pumping in the area of Sections I and II, both of these aquifers are affected in the paleo-channel area, resulting in greater drawdown and steep gradients. These affects can also be observed in the hydrographs by comparing those in the paleo-channel to those on the western side of the landfill.

CERTIFICATION PAGE
Hydrologic Monitoring Technical Memorandum
Pinewood Site Improvement Projects
Pinewood, South Carolina

The undersigned certify that they have reviewed the attached document and that the document is in material compliance with the requirements of the *Agreement between Owner and Engineer for Professional Services* dated October 25, 2010 between Kestrel and AECOM. To the best of our knowledge, this Technical Memorandum is also in material compliance with applicable state and federal regulations. The data presentations contained herein are consistent with Consultant standards and generally accepted practices in the environmental profession.

Prepared by:



Leslee J. Alexander

Leslee J. Alexander, PG
South Carolina PG No.2433
March 8, 2013

Prepared by:



Thomas M. Champion

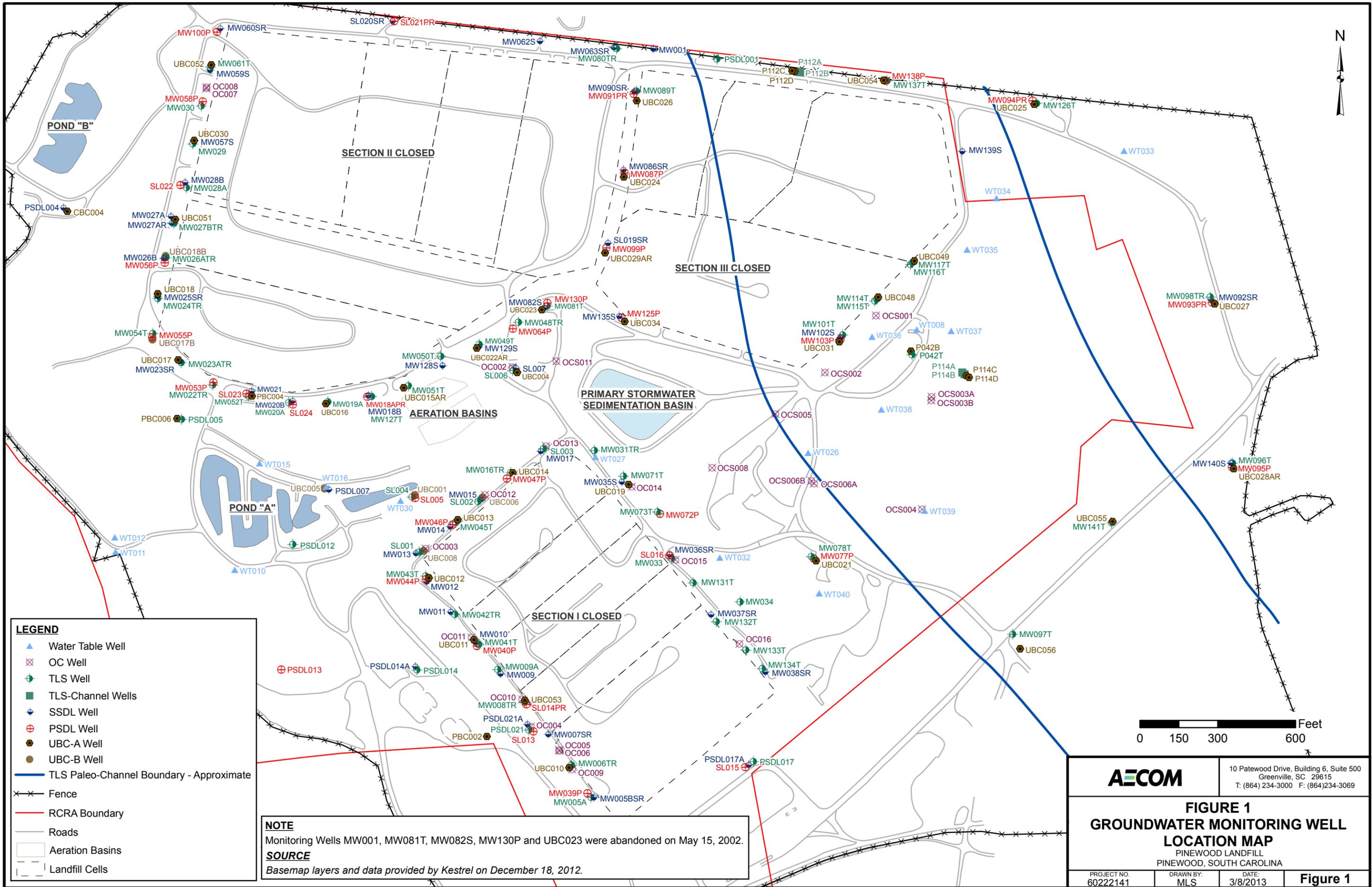
Thomas M. Champion, PG
South Carolina PG No. 279
March 8, 2013

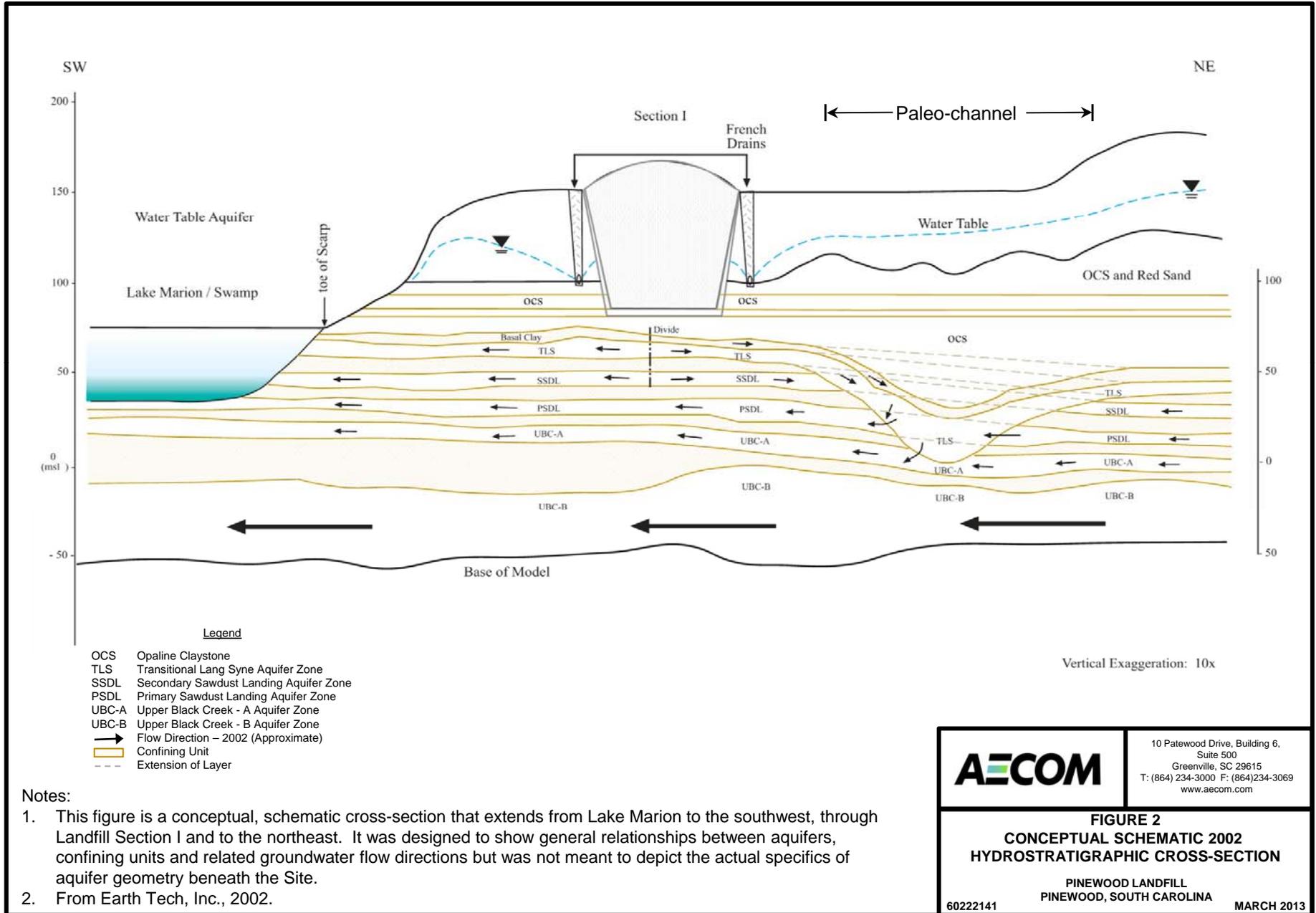
Reviewed by:

J. R. Haramut

John R. Haramut, PG
South Carolina PG No. 1136
March 8, 2013

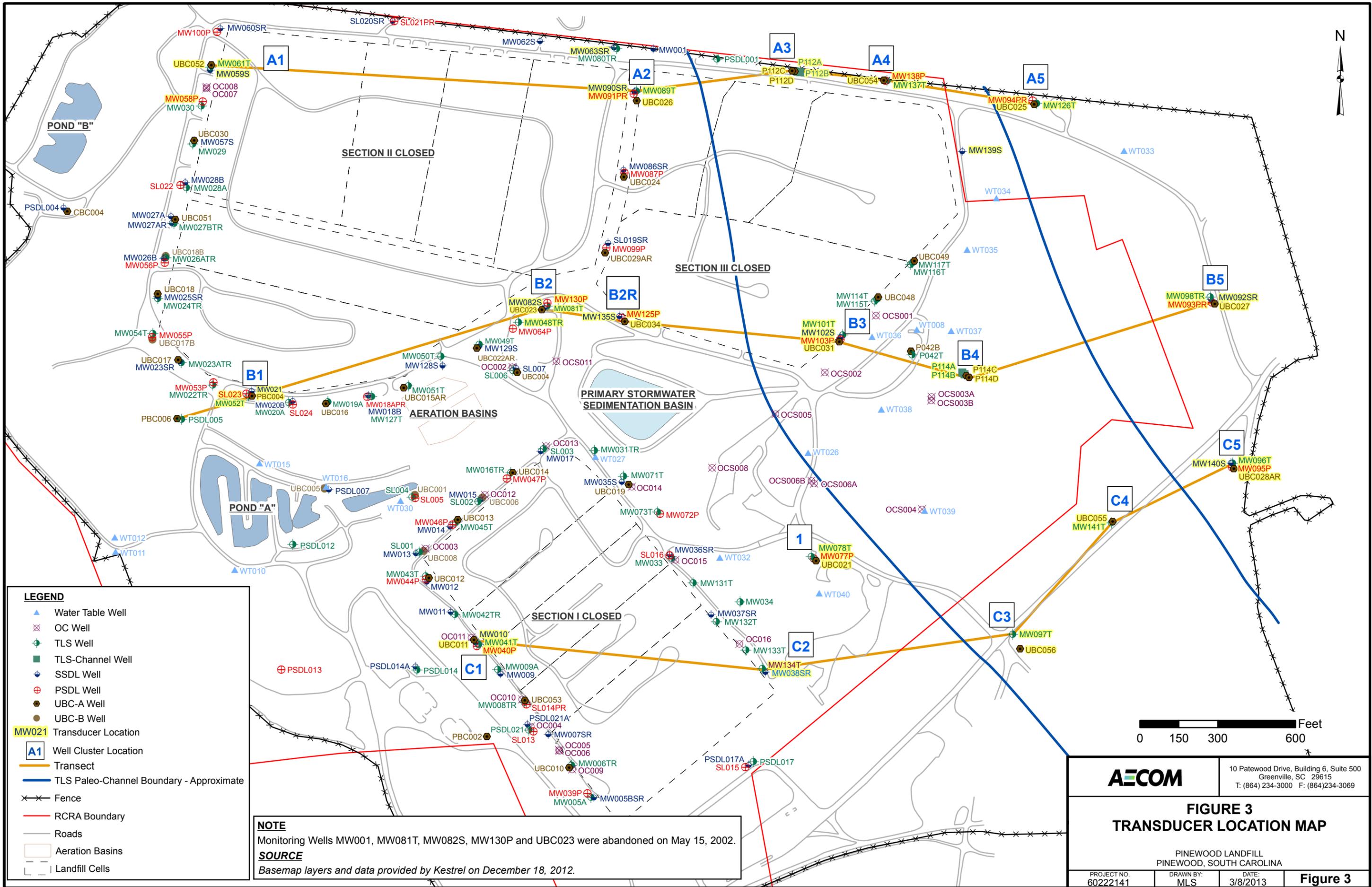
FIGURES

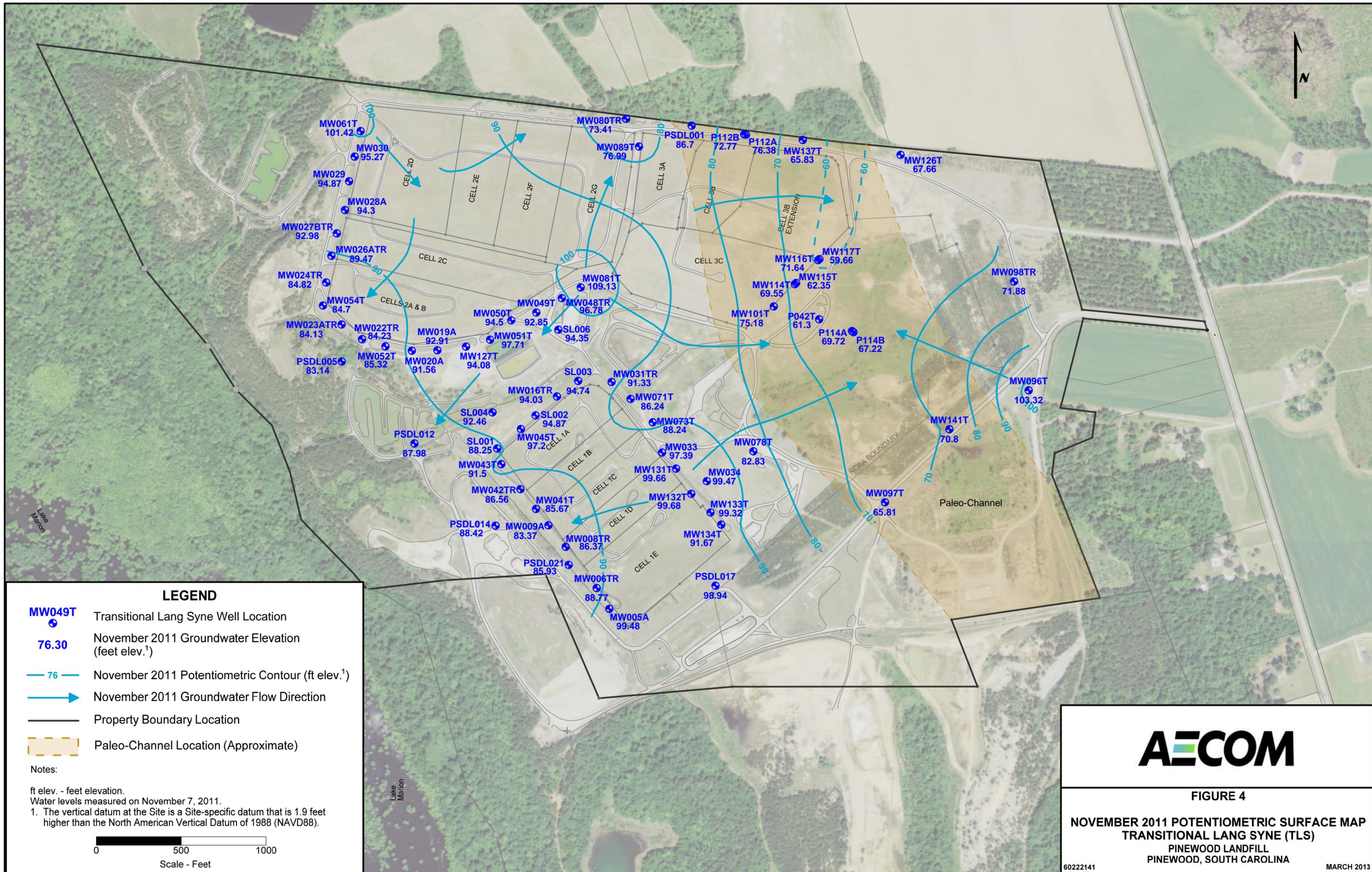




AECOM	10 Patewood Drive, Building 6, Suite 500 Greenville, SC 29615 T: (864) 234-3000 F: (864) 234-3069 www.aecom.com
	FIGURE 2 CONCEPTUAL SCHEMATIC 2002 HYDROSTRATIGRAPHIC CROSS-SECTION

PINWOOD LANDFILL PINWOOD, SOUTH CAROLINA	MARCH 2013
60222141	





LEGEND

- MW049T Transitional Lang Syne Well Location
- 76.30 November 2011 Groundwater Elevation (feet elev.¹)
- 76 — November 2011 Potentiometric Contour (ft elev.¹)
- ➔ November 2011 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:

ft elev. - feet elevation.
 Water levels measured on November 7, 2011.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).

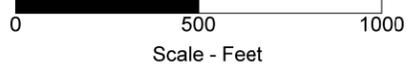
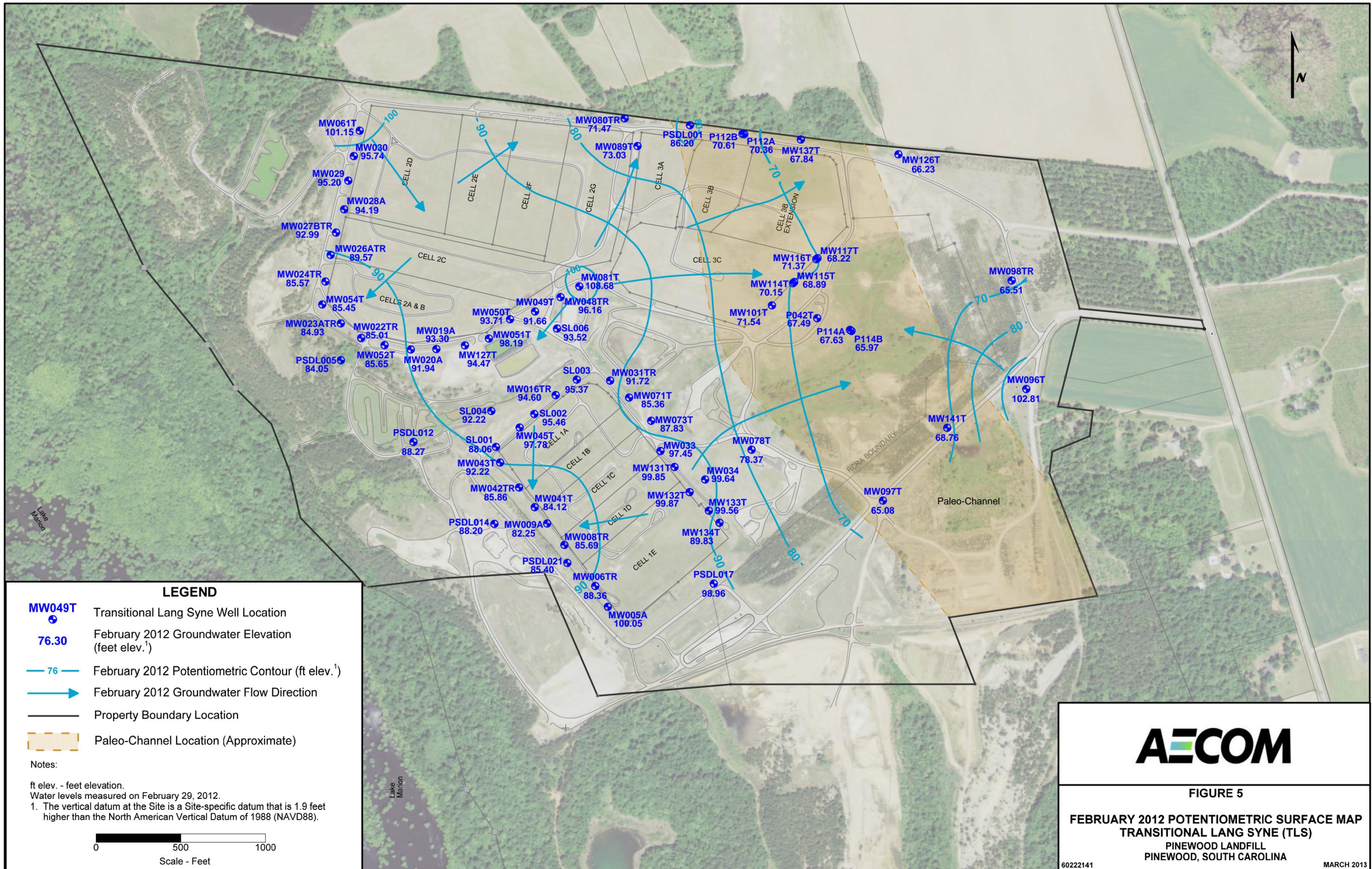


FIGURE 4

**NOVEMBER 2011 POTENTIOMETRIC SURFACE MAP
 TRANSITIONAL LANG SYNE (TLS)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA**

60222141

MARCH 2013



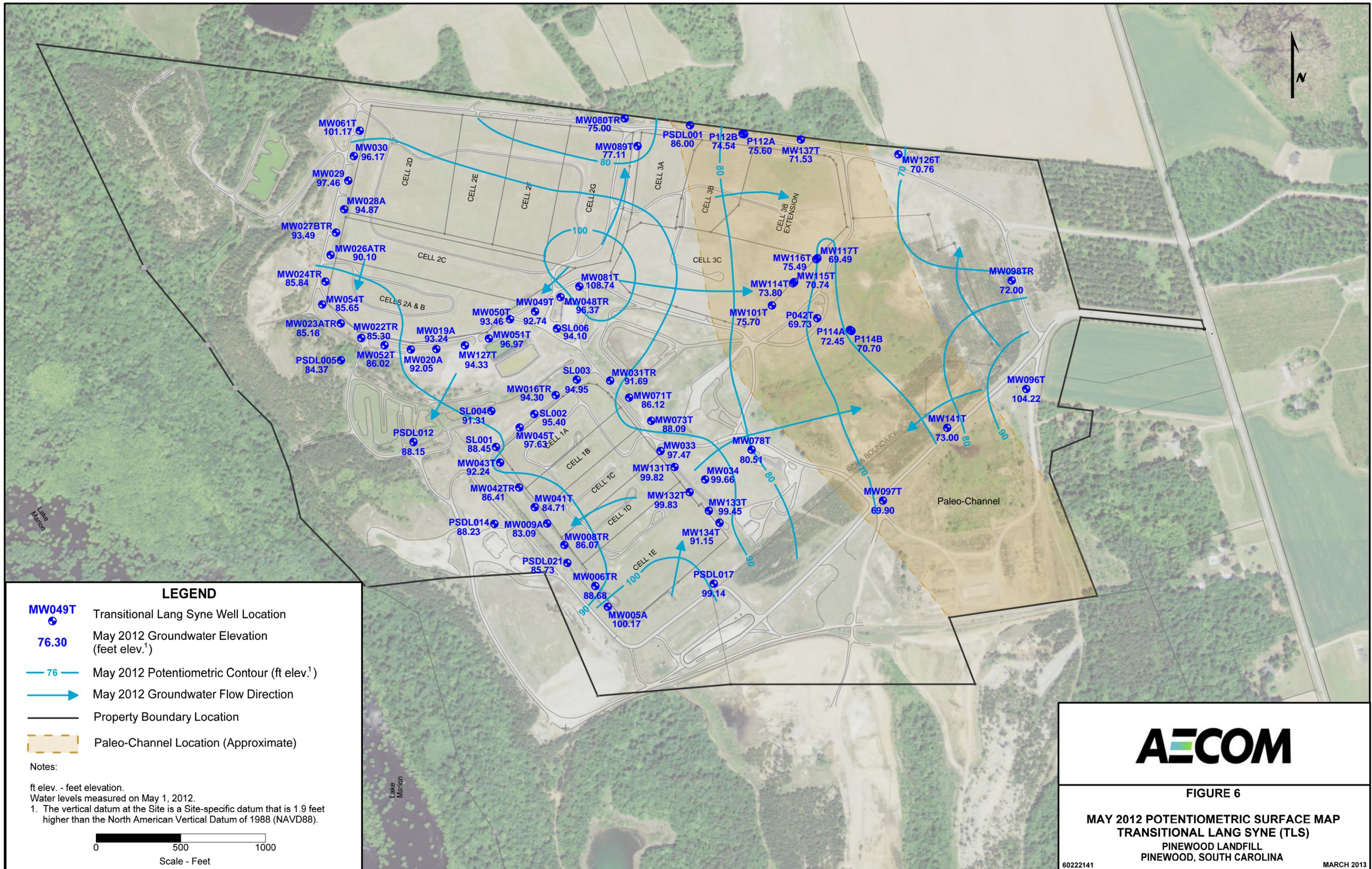
LEGEND

- MW049T Transitional Lang Syne Well Location
- 76.30 February 2012 Groundwater Elevation (feet elev.¹)
- 76 — February 2012 Potentiometric Contour (ft elev.¹)
- ➔ February 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on February 29, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 5
FEBRUARY 2012 POTENTIOMETRIC SURFACE MAP
TRANSITIONAL LANG SYNE (TLS)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



LEGEND

- MW049T Transitional Lang Syne Well Location
- 76.30 May 2012 Groundwater Elevation (feet elev.¹)
- 76 — May 2012 Potentiometric Contour (ft elev.¹)
- ➔ May 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

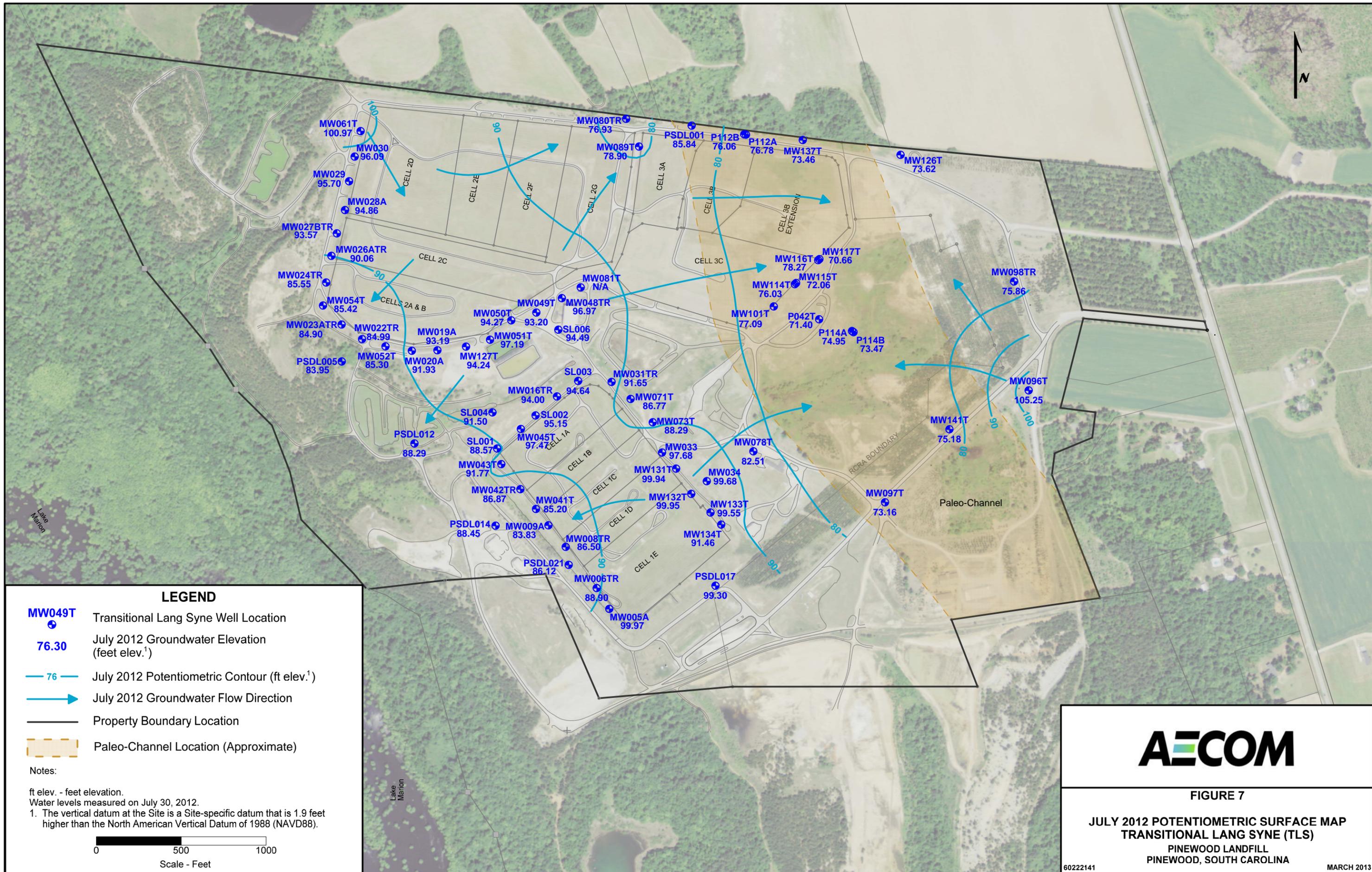
Notes:

ft elev. - feet elevation.
 Water levels measured on May 1, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 6

**MAY 2012 POTENTIOMETRIC SURFACE MAP
 TRANSITIONAL LANG SYNE (TLS)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA**



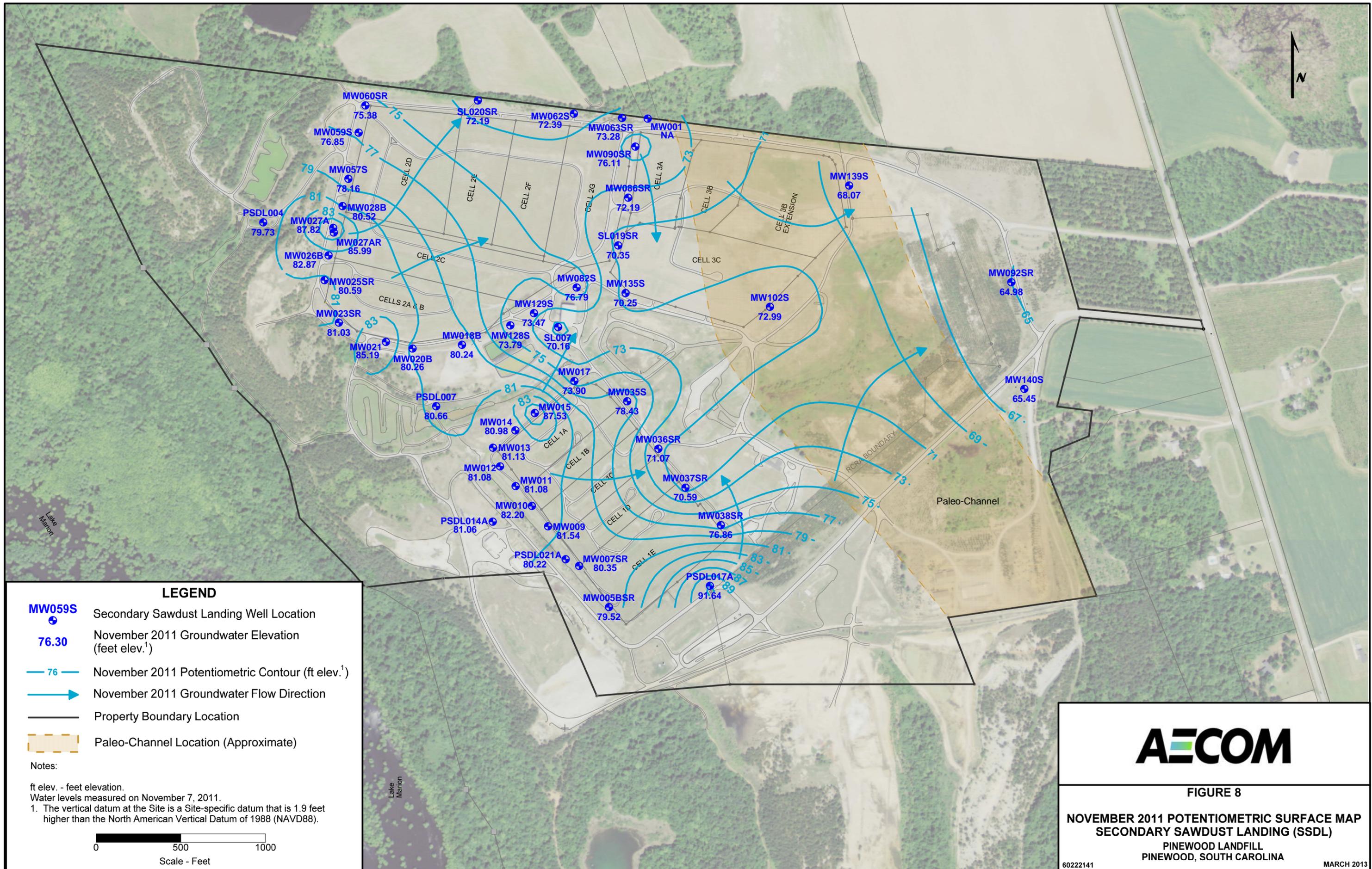
LEGEND

- MW049T Transitional Lang Syne Well Location
- 76.30 July 2012 Groundwater Elevation (feet elev.¹)
- 76 — July 2012 Potentiometric Contour (ft elev.¹)
- ➔ July 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on July 30, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 7
JULY 2012 POTENTIOMETRIC SURFACE MAP
TRANSITIONAL LANG SYNE (TLS)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



LEGEND

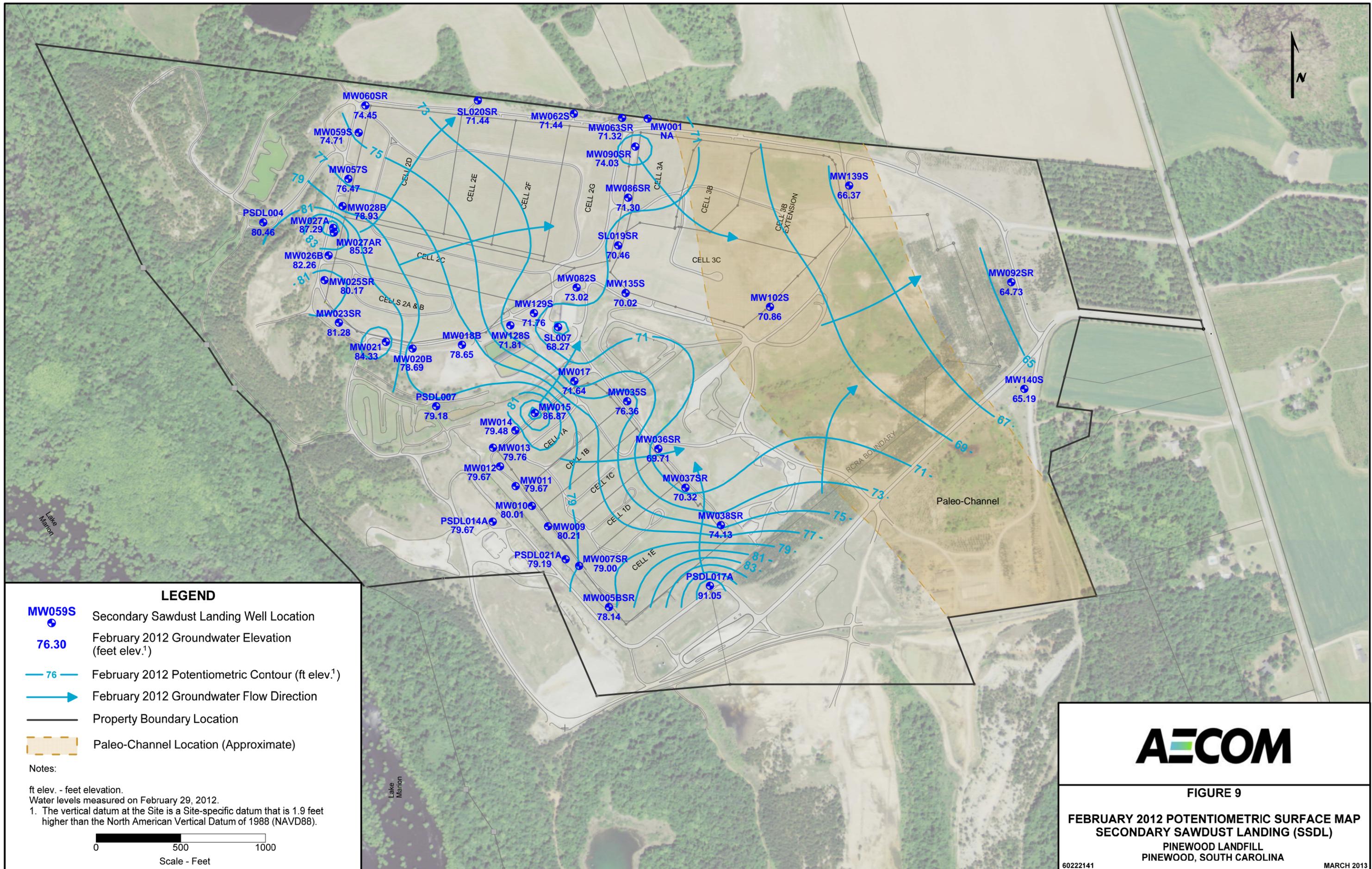
- **MW059S** Secondary Sawdust Landing Well Location
- **76.30** November 2011 Groundwater Elevation (feet elev.¹)
- **76** November 2011 Potentiometric Contour (ft elev.¹)
- ➔ November 2011 Groundwater Flow Direction
- Property Boundary Location
- - - Paleo-Channel Location (Approximate)

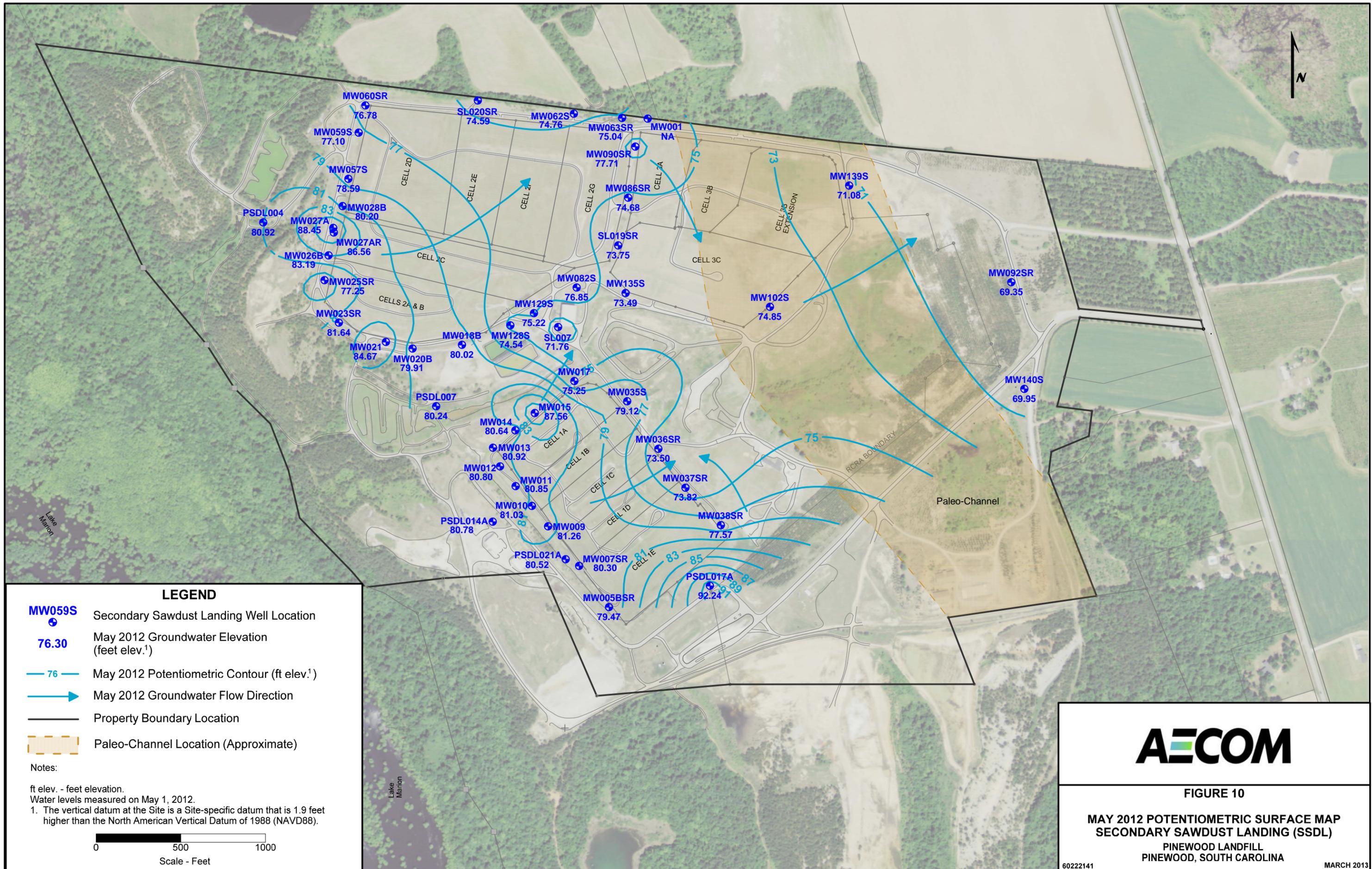
Notes:

ft elev. - feet elevation.
 Water levels measured on November 7, 2011.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 8
NOVEMBER 2011 POTENTIOMETRIC SURFACE MAP
SECONDARY SAWDUST LANDING (SSDL)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA





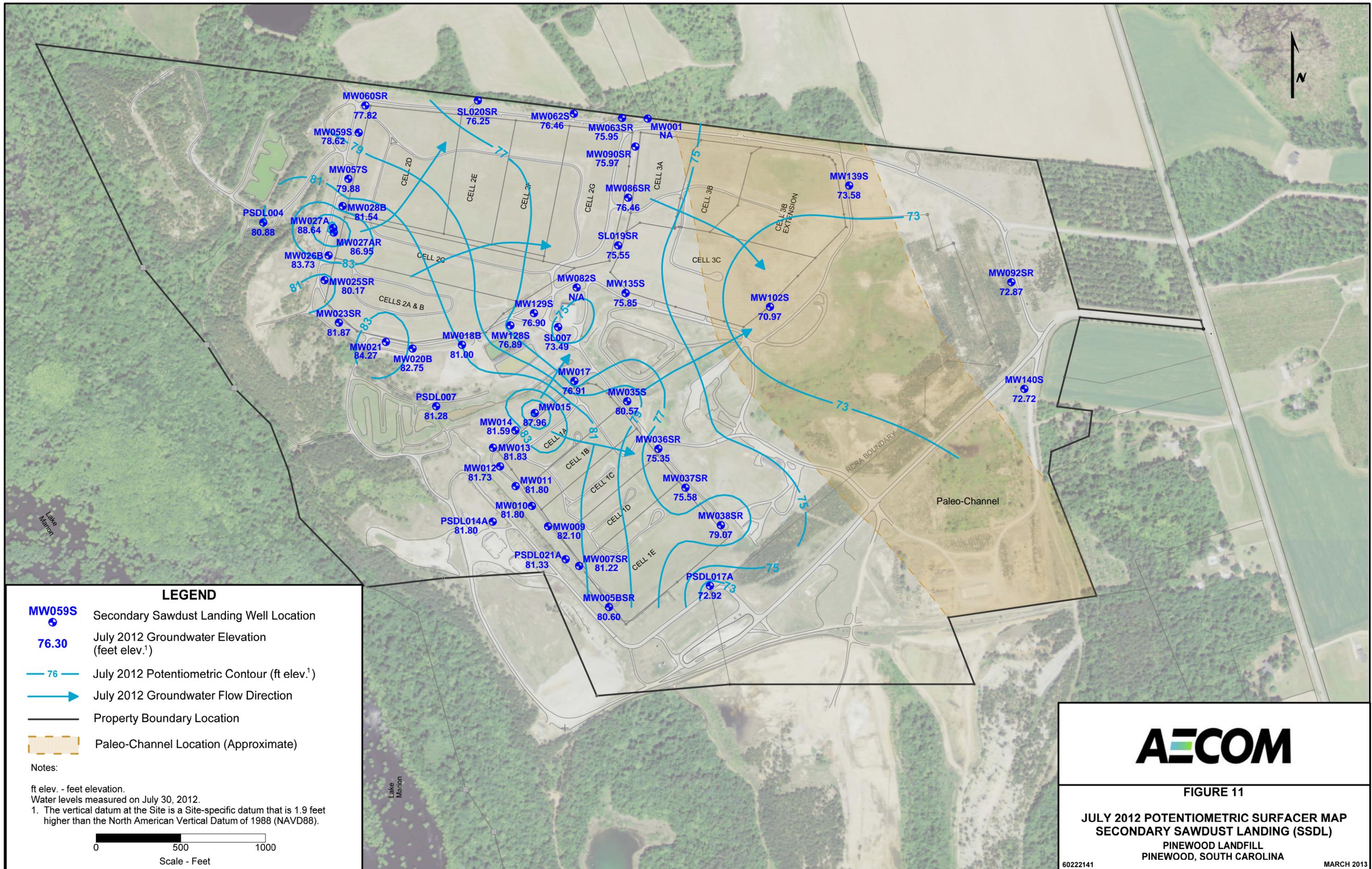
LEGEND

- MW059S Secondary Sawdust Landing Well Location
- 76.30 May 2012 Groundwater Elevation (feet elev.¹)
- 76 — May 2012 Potentiometric Contour (ft elev.¹)
- ➔ May 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on May 1, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 10
MAY 2012 POTENTIOMETRIC SURFACE MAP
SECONDARY SAWDUST LANDING (SSDL)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



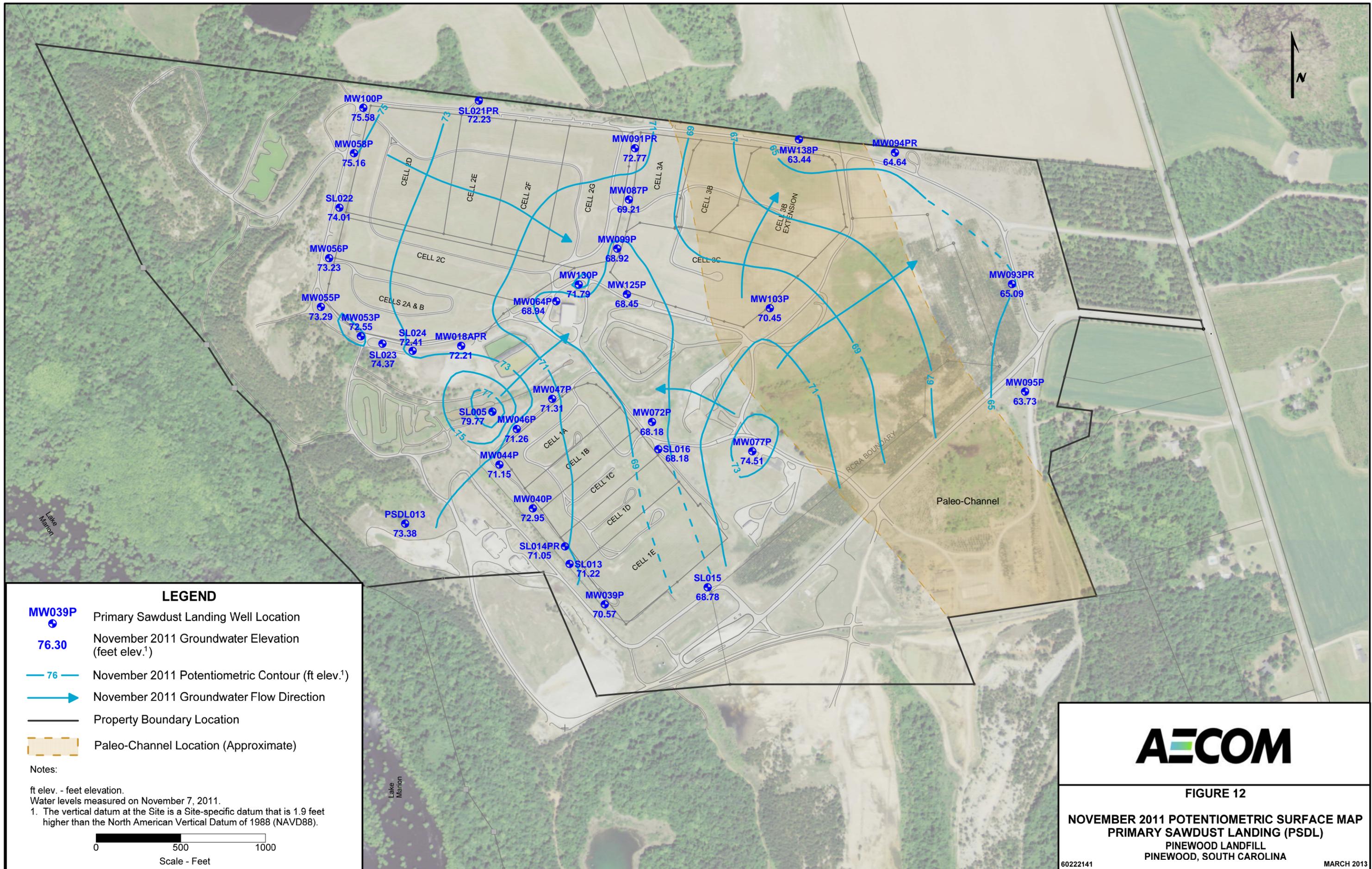
LEGEND

- **MW059S** Secondary Sawdust Landing Well Location
- 76.30 July 2012 Groundwater Elevation (feet elev.¹)
- 76 — July 2012 Potentiometric Contour (ft elev.¹)
- ➔ July 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on July 30, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 11
JULY 2012 POTENTIOMETRIC SURFER MAP
SECONDARY SAWDUST LANDING (SSDL)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



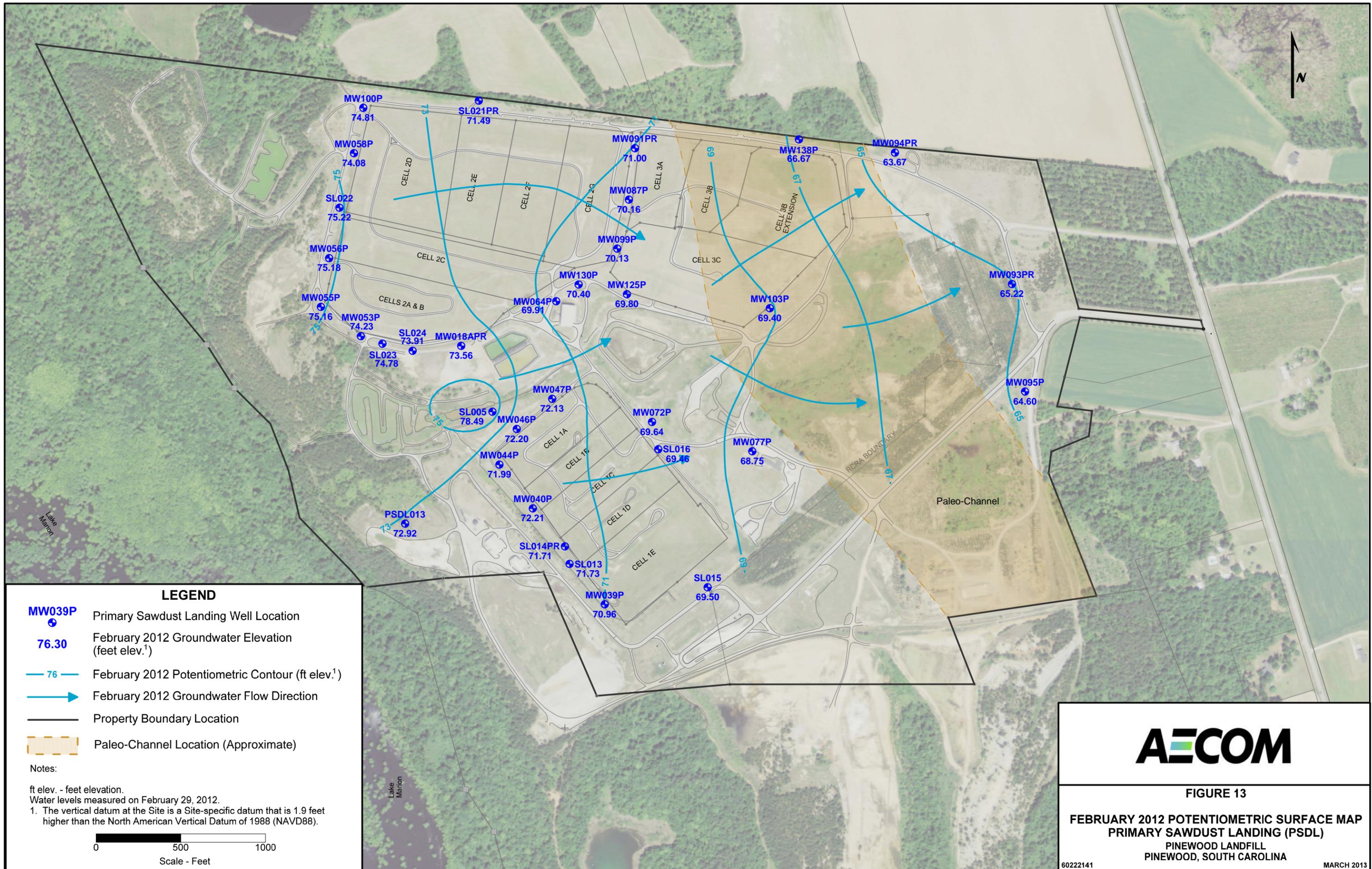
LEGEND

- MW039P Primary Sawdust Landing Well Location
- 76.30 November 2011 Groundwater Elevation (feet elev.¹)
- 76 — November 2011 Potentiometric Contour (ft elev.¹)
- ➔ November 2011 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on November 7, 2011.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 12
NOVEMBER 2011 POTENTIOMETRIC SURFACE MAP
PRIMARY SAWDUST LANDING (PSDL)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



LEGEND

- **MW039P** Primary Sawdust Landing Well Location
- 76.30 February 2012 Groundwater Elevation (feet elev.¹)
- 76 — February 2012 Potentiometric Contour (ft elev.¹)
- ➔ February 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on February 29, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).

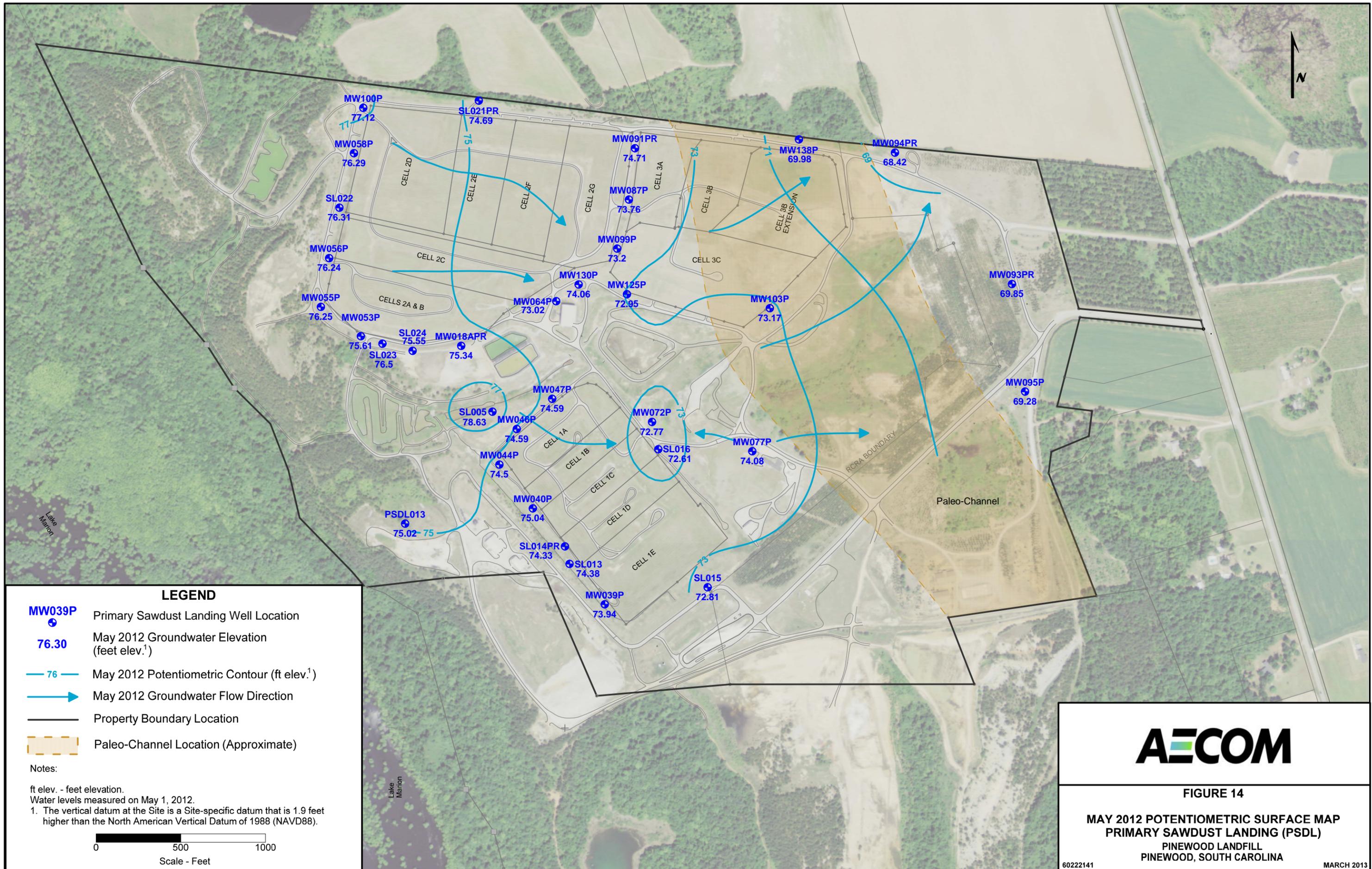




FIGURE 13

**FEBRUARY 2012 POTENTIOMETRIC SURFACE MAP
 PRIMARY SAWDUST LANDING (PSDL)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA**

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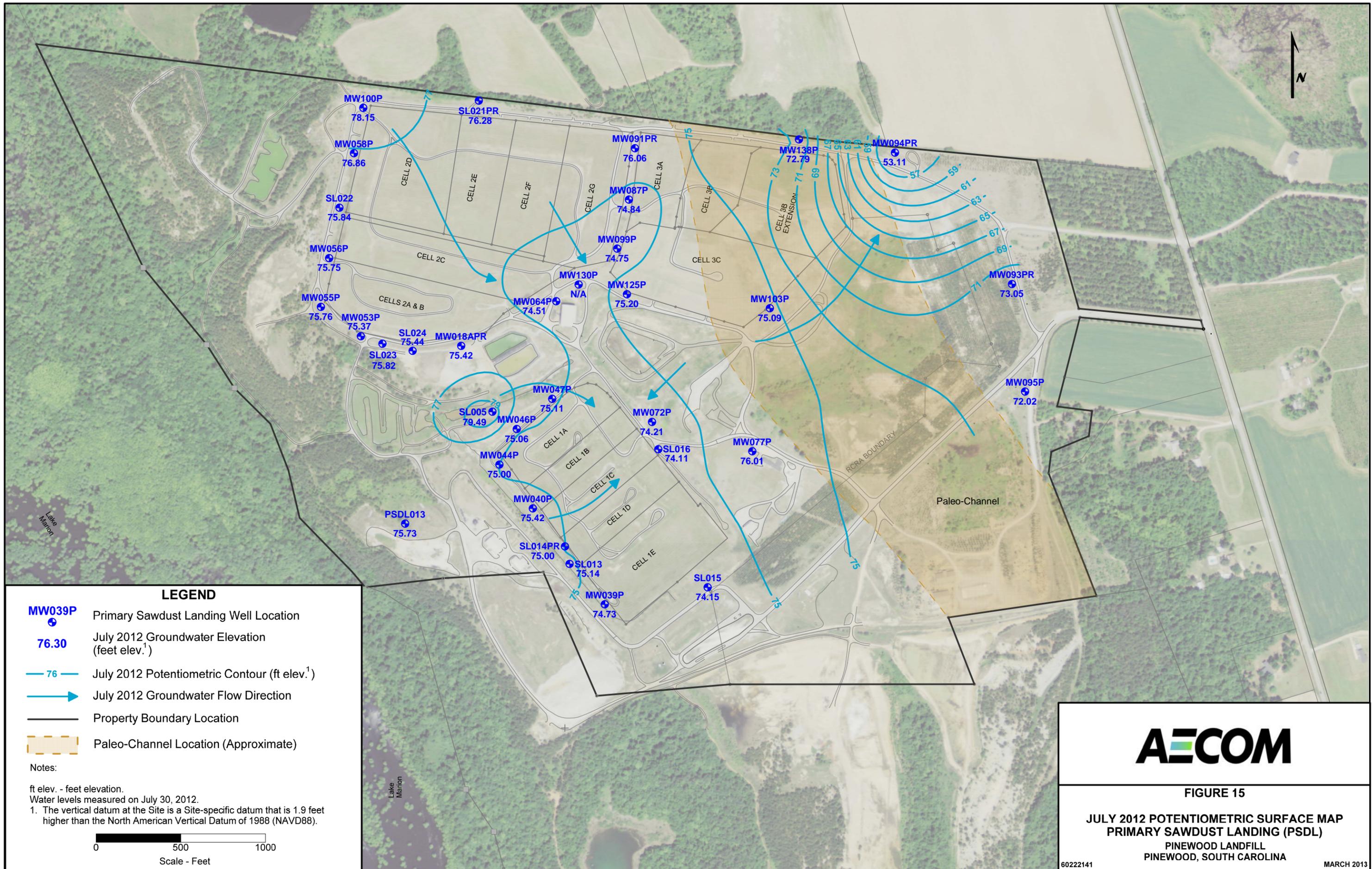
LEGEND

- **MW039P** Primary Sawdust Landing Well Location
- 76.30 May 2012 Groundwater Elevation (feet elev.¹)
- 76 — May 2012 Potentiometric Contour (ft elev.¹)
- ➔ May 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on May 1, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 14
MAY 2012 POTENTIOMETRIC SURFACE MAP
PRIMARY SAWDUST LANDING (PSDL)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



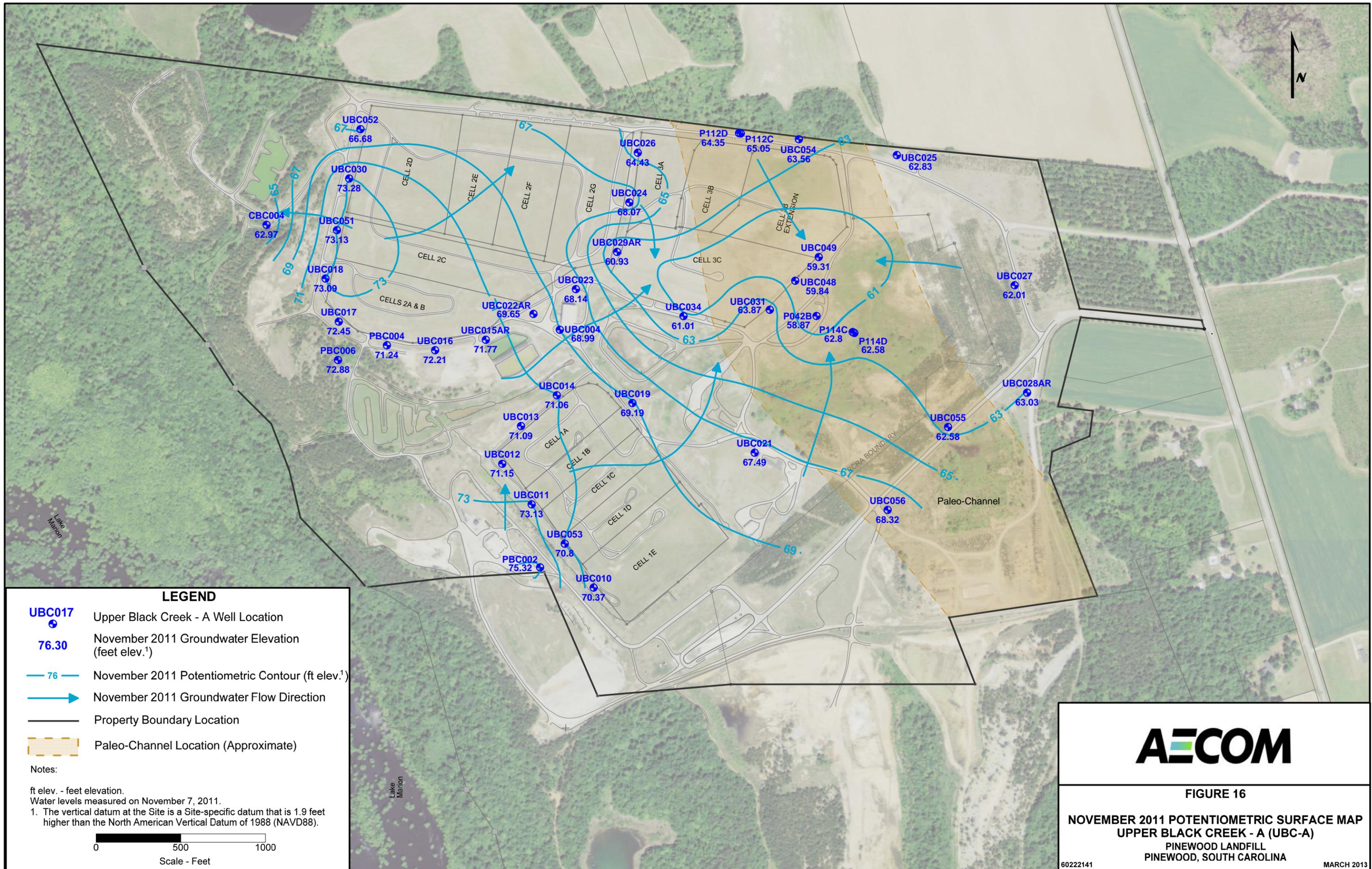
LEGEND

- **MW039P** Primary Sawdust Landing Well Location
- 76.30 July 2012 Groundwater Elevation (feet elev.¹)
- 76 — July 2012 Potentiometric Contour (ft elev.¹)
- ➔ July 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on July 30, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 15
JULY 2012 POTENTIOMETRIC SURFACE MAP
PRIMARY SAWDUST LANDING (PSDL)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



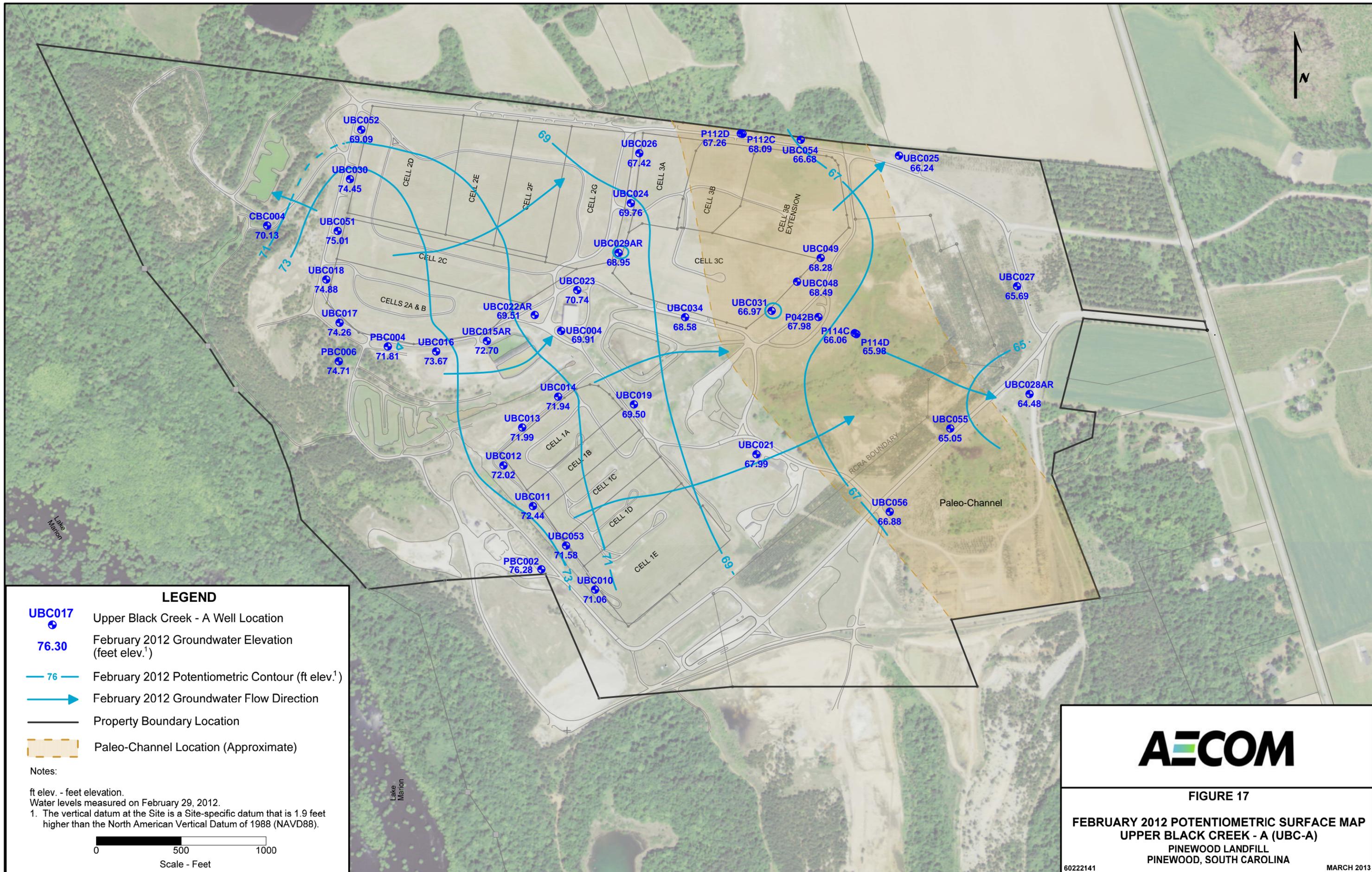
LEGEND

- UBC017 Upper Black Creek - A Well Location
- 76.30 November 2011 Groundwater Elevation (feet elev.¹)
- 76 — November 2011 Potentiometric Contour (ft elev.¹)
- ➔ November 2011 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on November 7, 2011.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 16
NOVEMBER 2011 POTENTIOMETRIC SURFACE MAP
UPPER BLACK CREEK - A (UBC-A)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



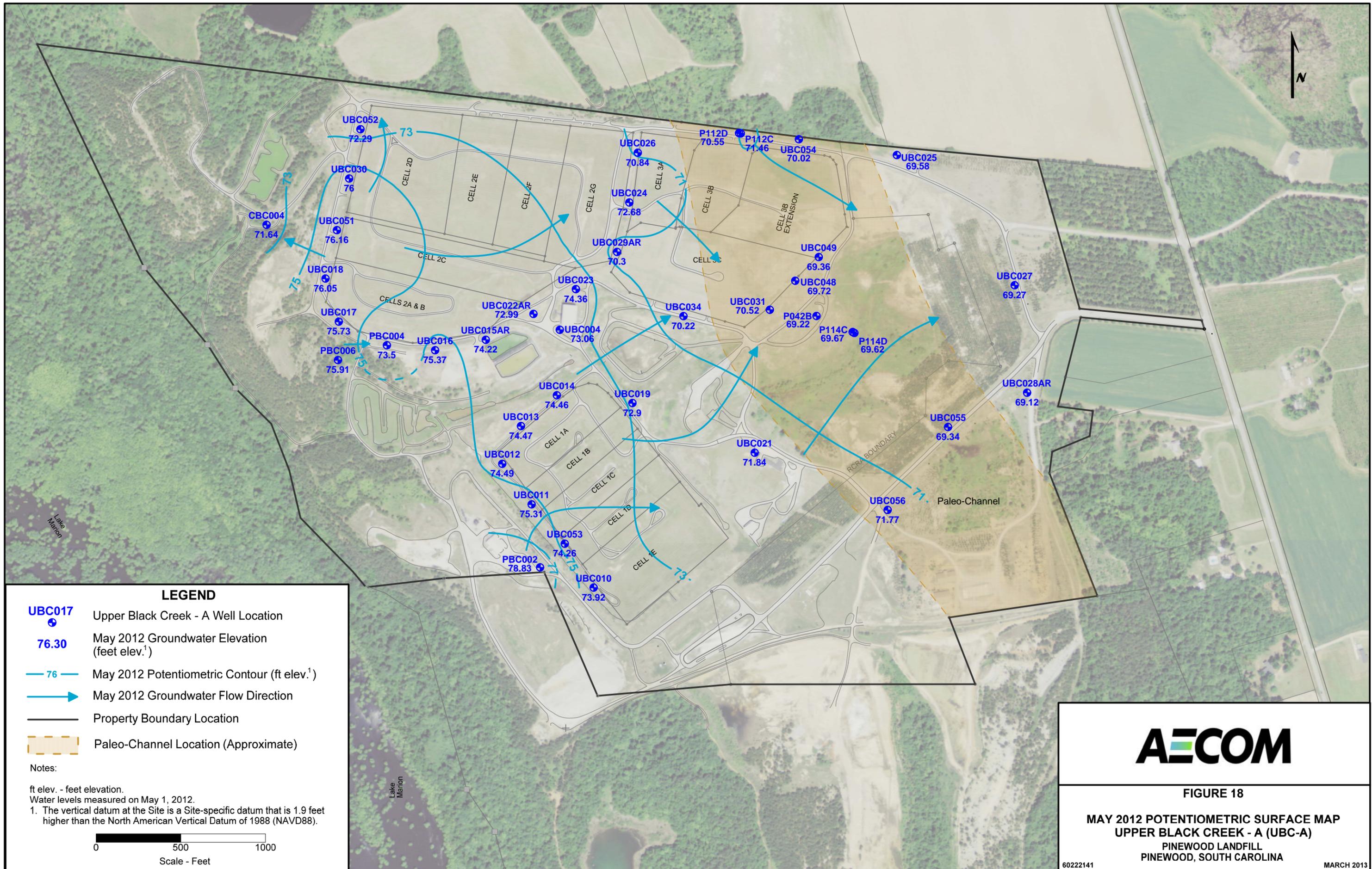
LEGEND

- UBC017 Upper Black Creek - A Well Location
- 76.30 February 2012 Groundwater Elevation (feet elev.¹)
- 76 — February 2012 Potentiometric Contour (ft elev.¹)
- ➔ February 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on February 29, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 17
FEBRUARY 2012 POTENTIOMETRIC SURFACE MAP
UPPER BLACK CREEK - A (UBC-A)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



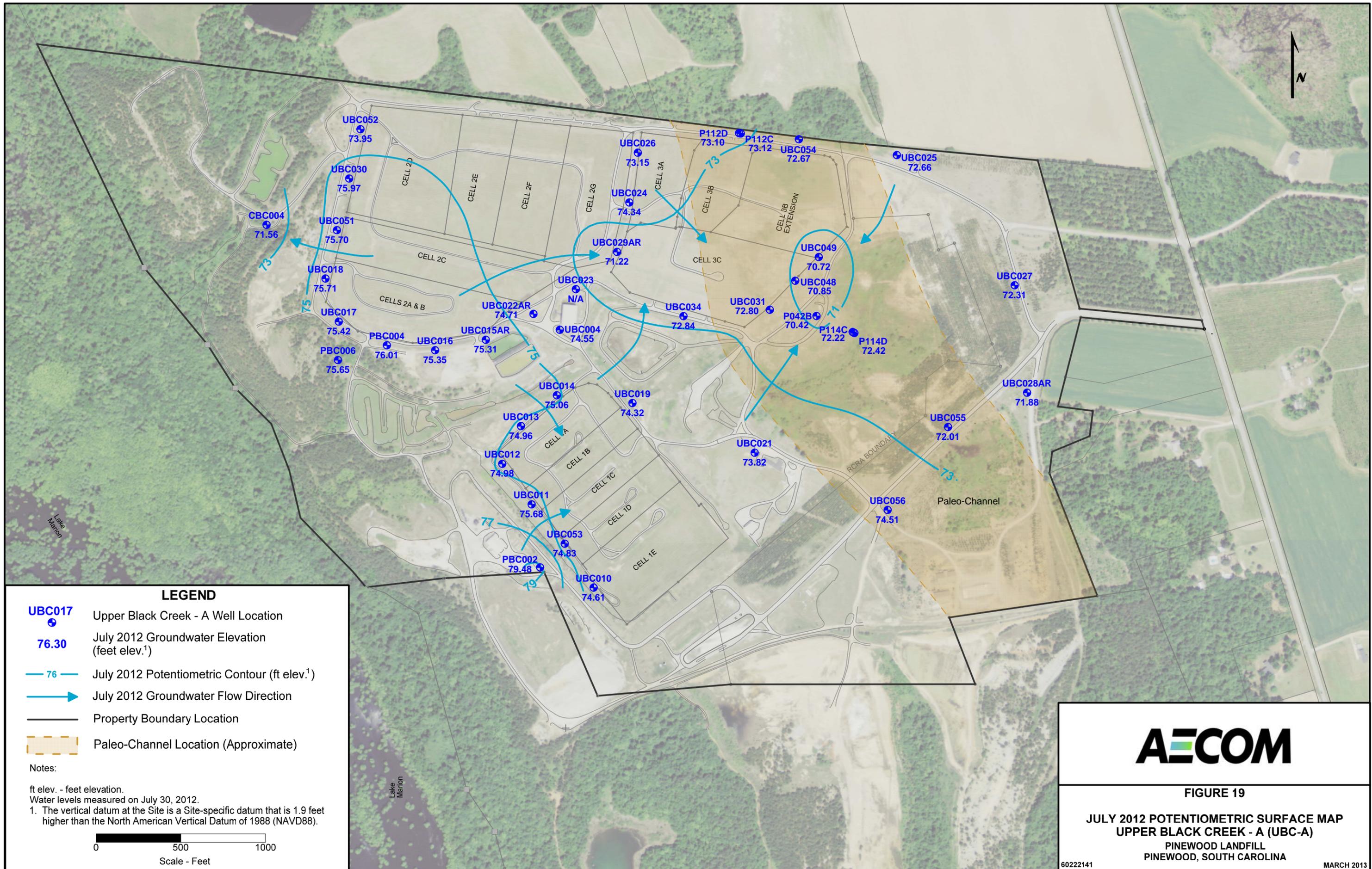
LEGEND

- UBC017 Upper Black Creek - A Well Location
- 76.30 May 2012 Groundwater Elevation (feet elev.¹)
- 76 — May 2012 Potentiometric Contour (ft elev.¹)
- ➔ May 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on May 1, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 18
MAY 2012 POTENTIOMETRIC SURFACE MAP
UPPER BLACK CREEK - A (UBC-A)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



LEGEND

- UBC017 Upper Black Creek - A Well Location
- 76.30 July 2012 Groundwater Elevation (feet elev.¹)
- 76 — July 2012 Potentiometric Contour (ft elev.¹)
- ➔ July 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on July 30, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).

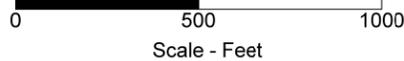
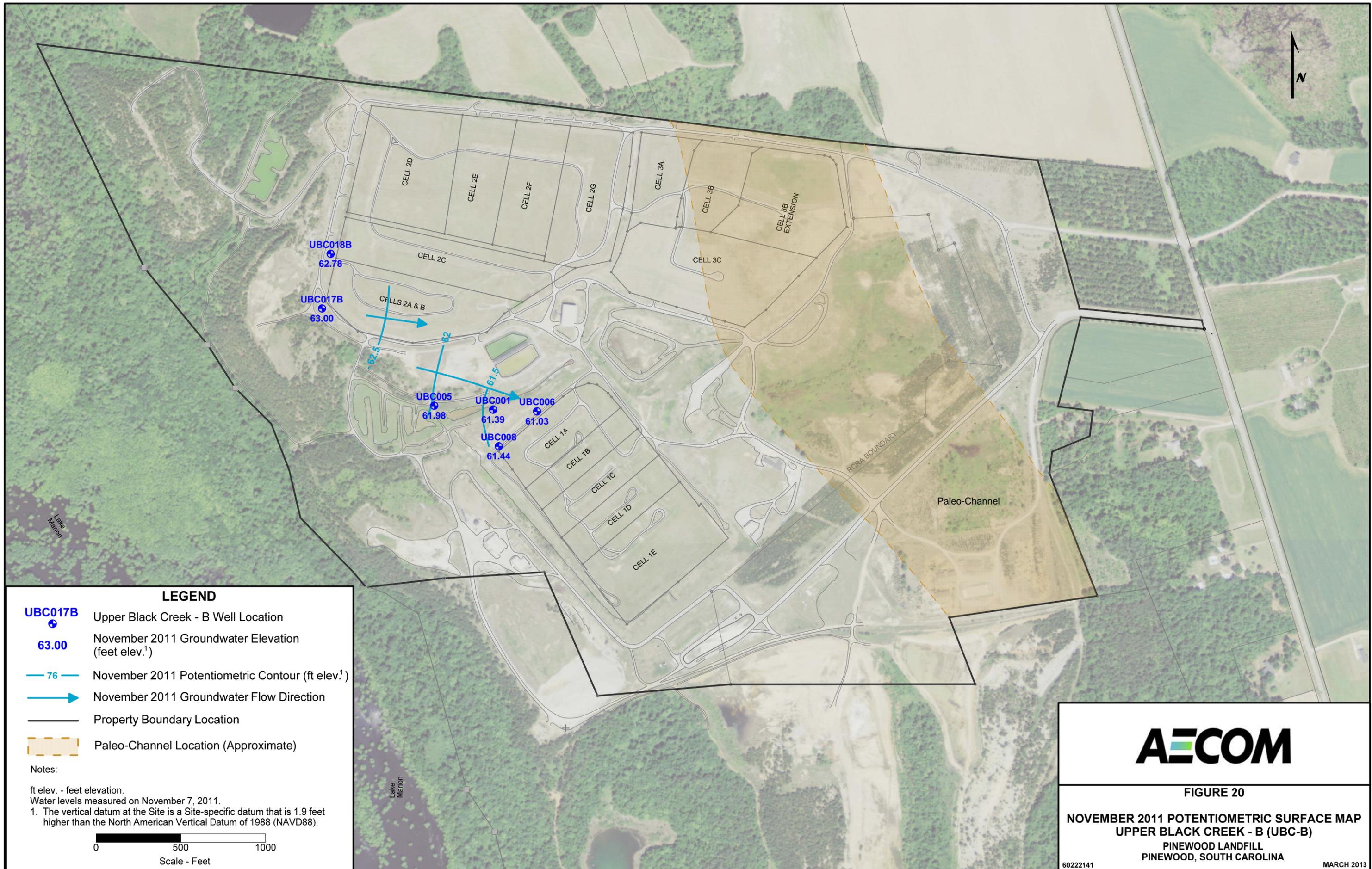
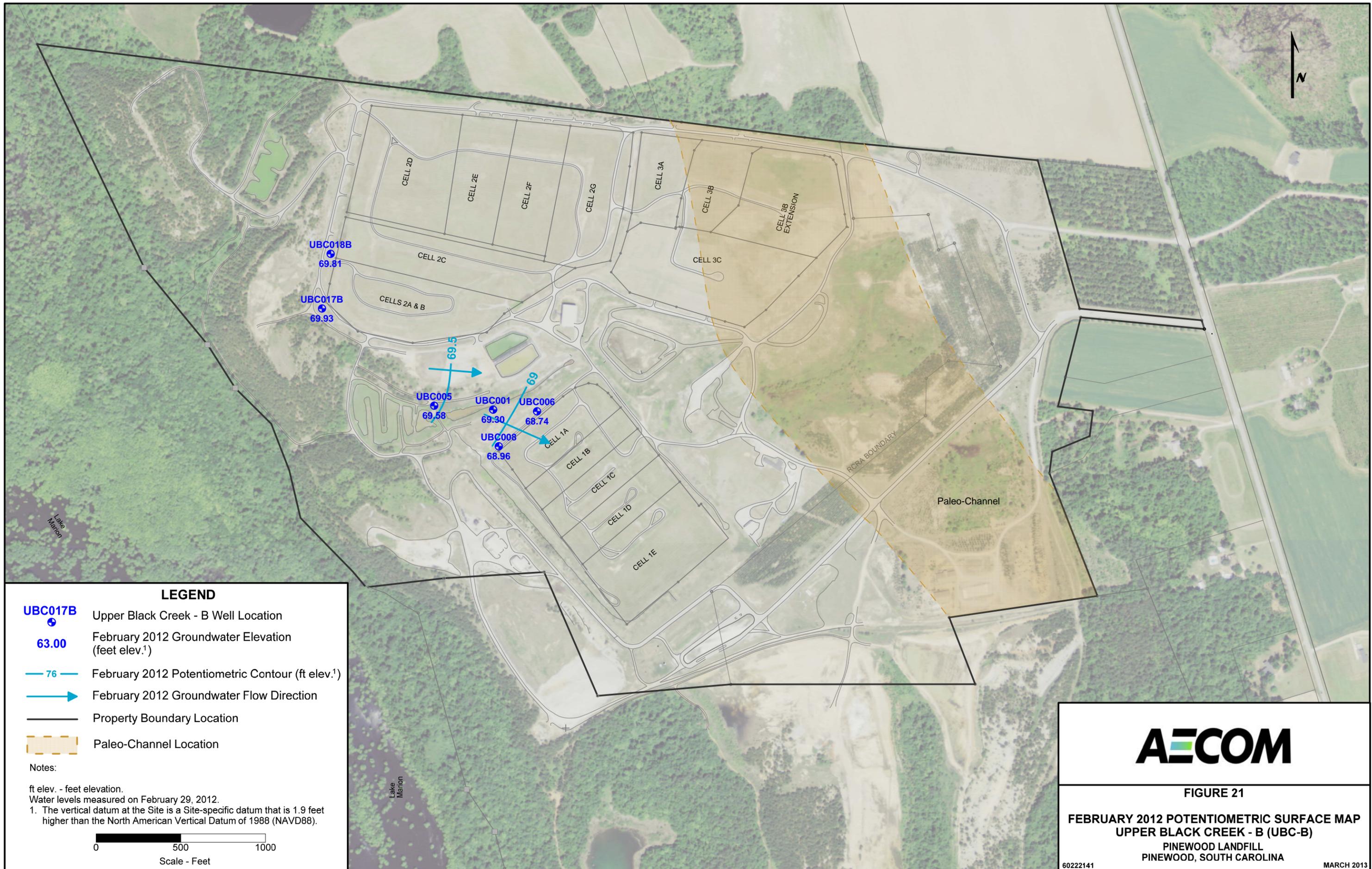


FIGURE 19
JULY 2012 POTENTIOMETRIC SURFACE MAP
UPPER BLACK CREEK - A (UBC-A)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA





LEGEND

- UBC017B Upper Black Creek - B Well Location
- 63.00 February 2012 Groundwater Elevation (feet elev.¹)
- 76 — February 2012 Potentiometric Contour (ft elev.¹)
- ➔ February 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location

Notes:

ft elev. - feet elevation.
 Water levels measured on February 29, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).

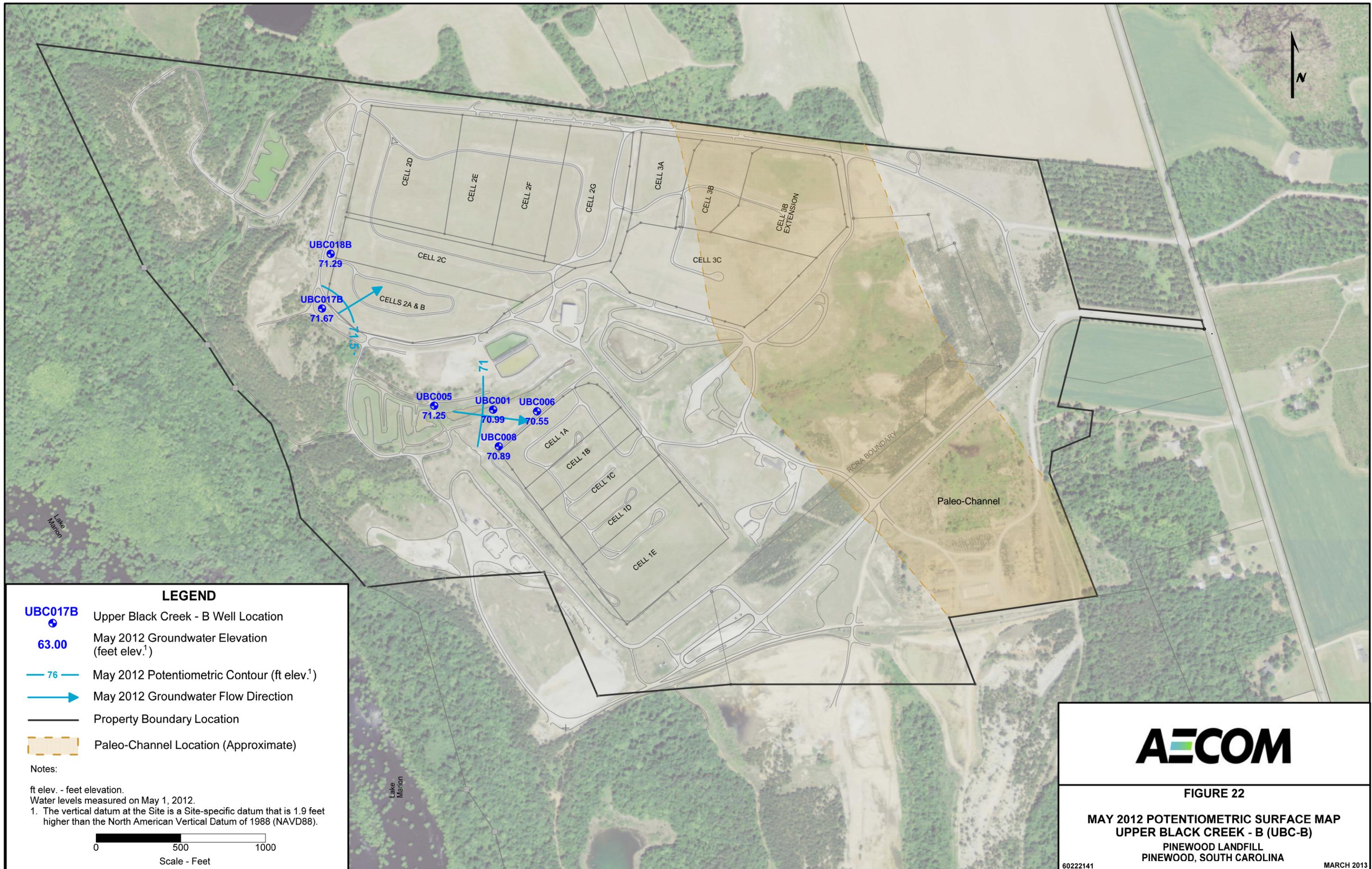


FIGURE 21

**FEBRUARY 2012 POTENTIOMETRIC SURFACE MAP
 UPPER BLACK CREEK - B (UBC-B)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA**

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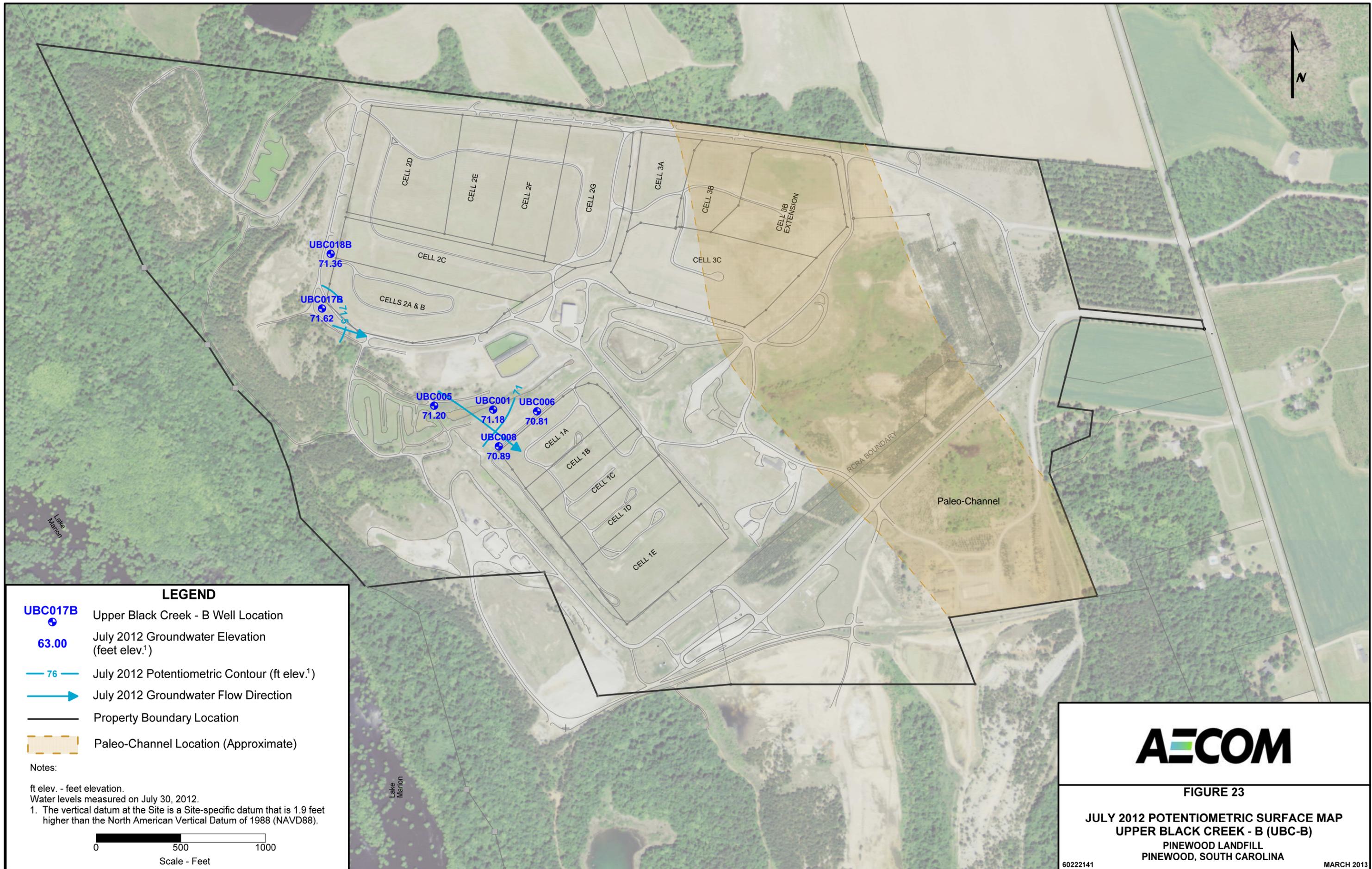
LEGEND

- UBC017B Upper Black Creek - B Well Location
- 63.00 May 2012 Groundwater Elevation (feet elev.¹)
- 76 — May 2012 Potentiometric Contour (ft elev.¹)
- ➔ May 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on May 1, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).



FIGURE 22
MAY 2012 POTENTIOMETRIC SURFACE MAP
UPPER BLACK CREEK - B (UBC-B)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA



LEGEND

- UBC017B Upper Black Creek - B Well Location
- 63.00 July 2012 Groundwater Elevation (feet elev.¹)
- 76 — July 2012 Potentiometric Contour (ft elev.¹)
- ➔ July 2012 Groundwater Flow Direction
- Property Boundary Location
- Paleo-Channel Location (Approximate)

Notes:
 ft elev. - feet elevation.
 Water levels measured on July 30, 2012.
 1. The vertical datum at the Site is a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988 (NAVD88).

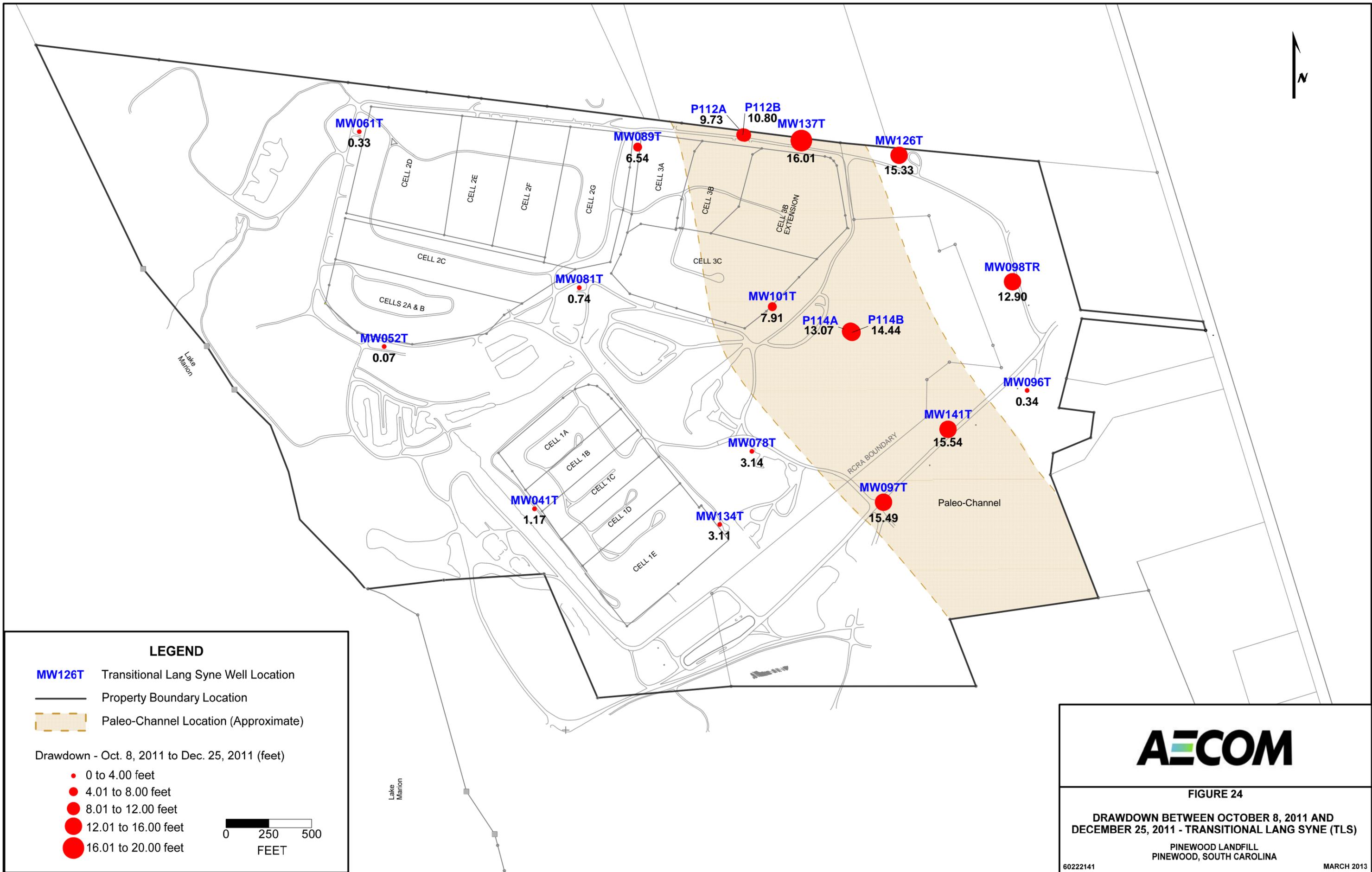


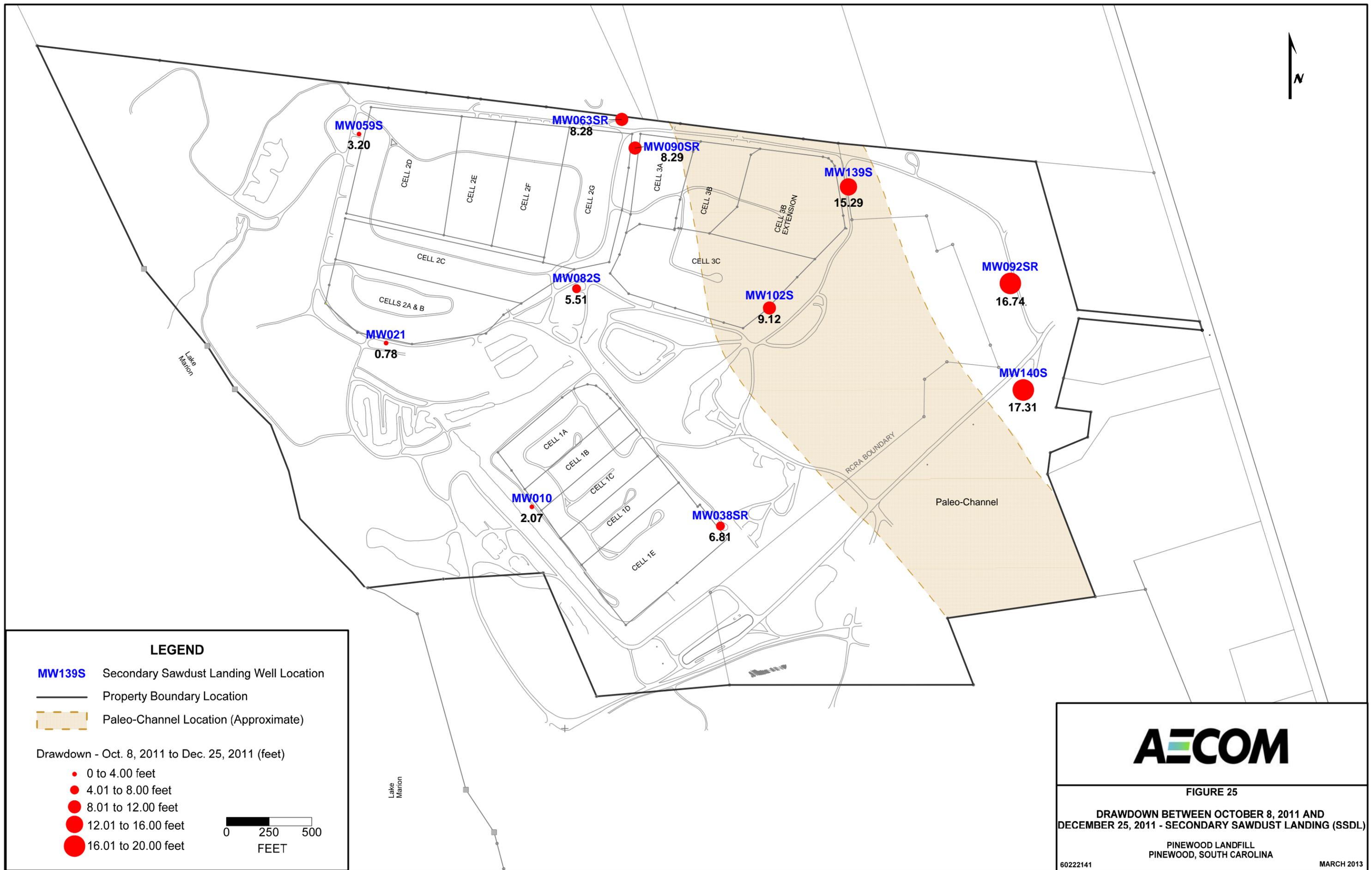
FIGURE 23

**JULY 2012 POTENTIOMETRIC SURFACE MAP
 UPPER BLACK CREEK - B (UBC-B)
 PINWOOD LANDFILL
 PINWOOD, SOUTH CAROLINA**

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LEGEND

MW139S Secondary Sawdust Landing Well Location

— Property Boundary Location

▨ Paleo-Channel Location (Approximate)

Drawdown - Oct. 8, 2011 to Dec. 25, 2011 (feet)

- 0 to 4.00 feet
- 4.01 to 8.00 feet
- 8.01 to 12.00 feet
- 12.01 to 16.00 feet
- 16.01 to 20.00 feet



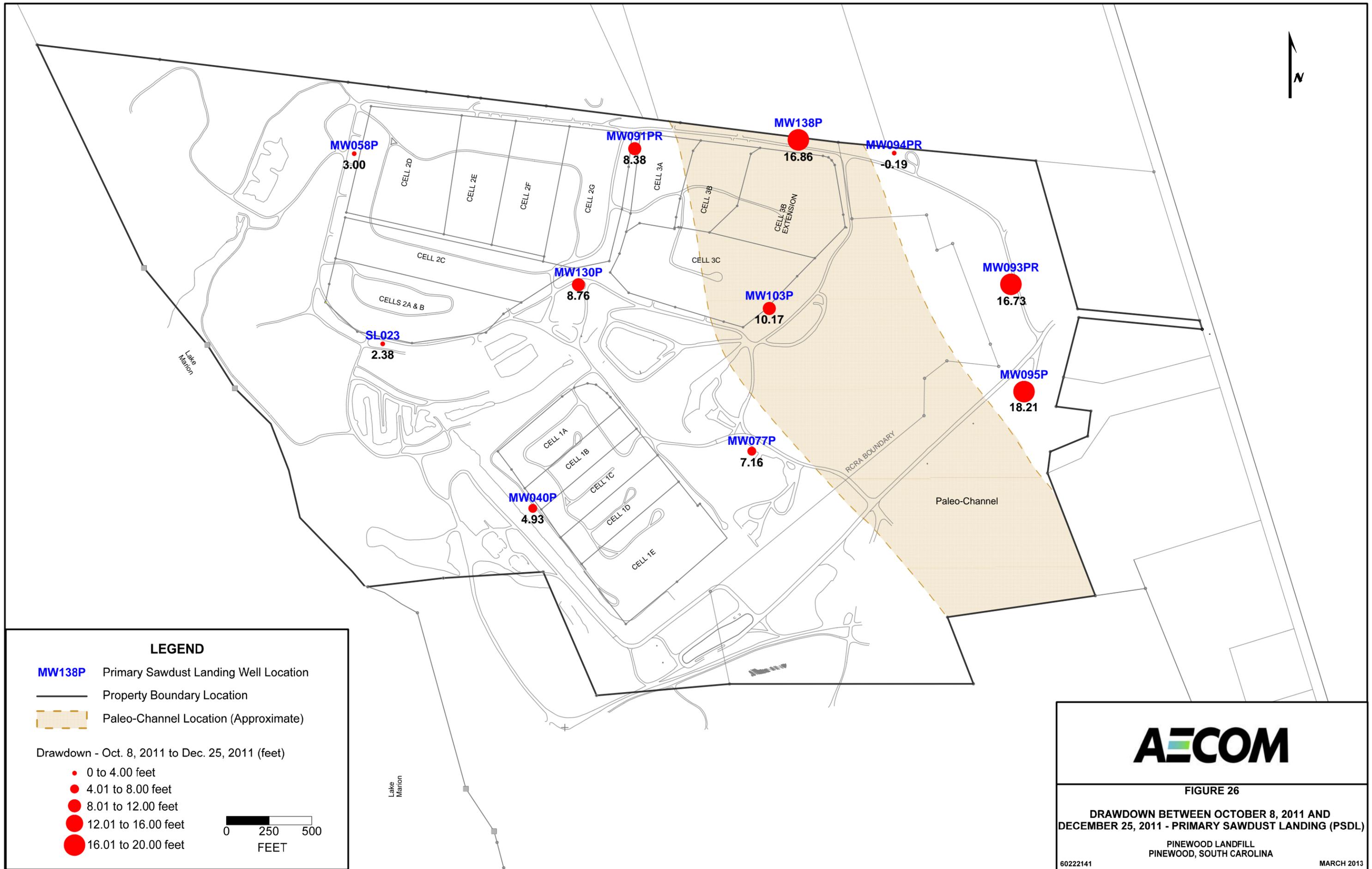
FIGURE 25

DRAWDOWN BETWEEN OCTOBER 8, 2011 AND DECEMBER 25, 2011 - SECONDARY SAWDUST LANDING (SSDL)

PINEWOOD LANDFILL
PINEWOOD, SOUTH CAROLINA

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LEGEND

MW138P Primary Sawdust Landing Well Location

— Property Boundary Location

▨ Paleo-Channel Location (Approximate)

Drawdown - Oct. 8, 2011 to Dec. 25, 2011 (feet)

- 0 to 4.00 feet
- 4.01 to 8.00 feet
- 8.01 to 12.00 feet
- 12.01 to 16.00 feet
- 16.01 to 20.00 feet



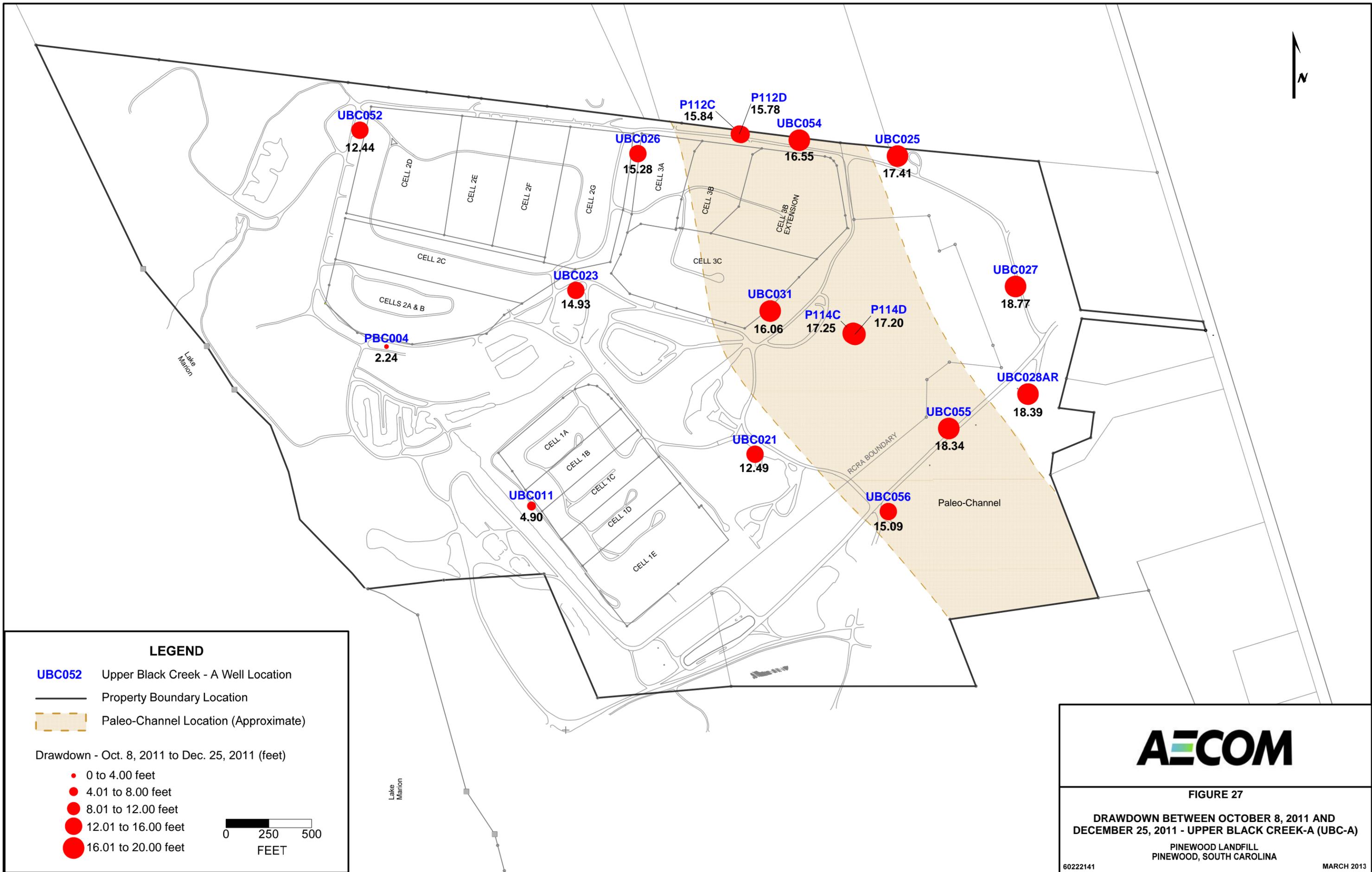
FIGURE 26

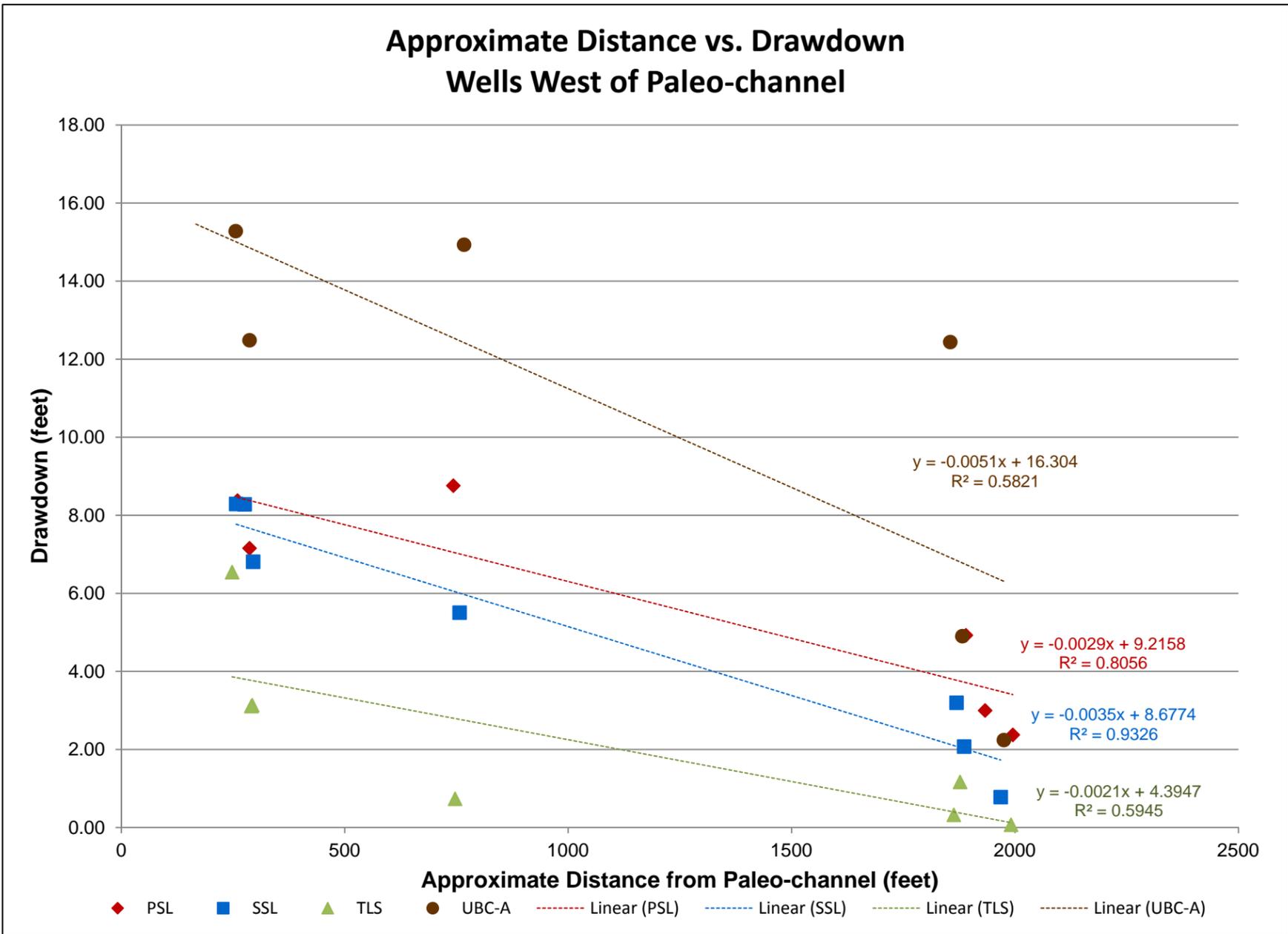
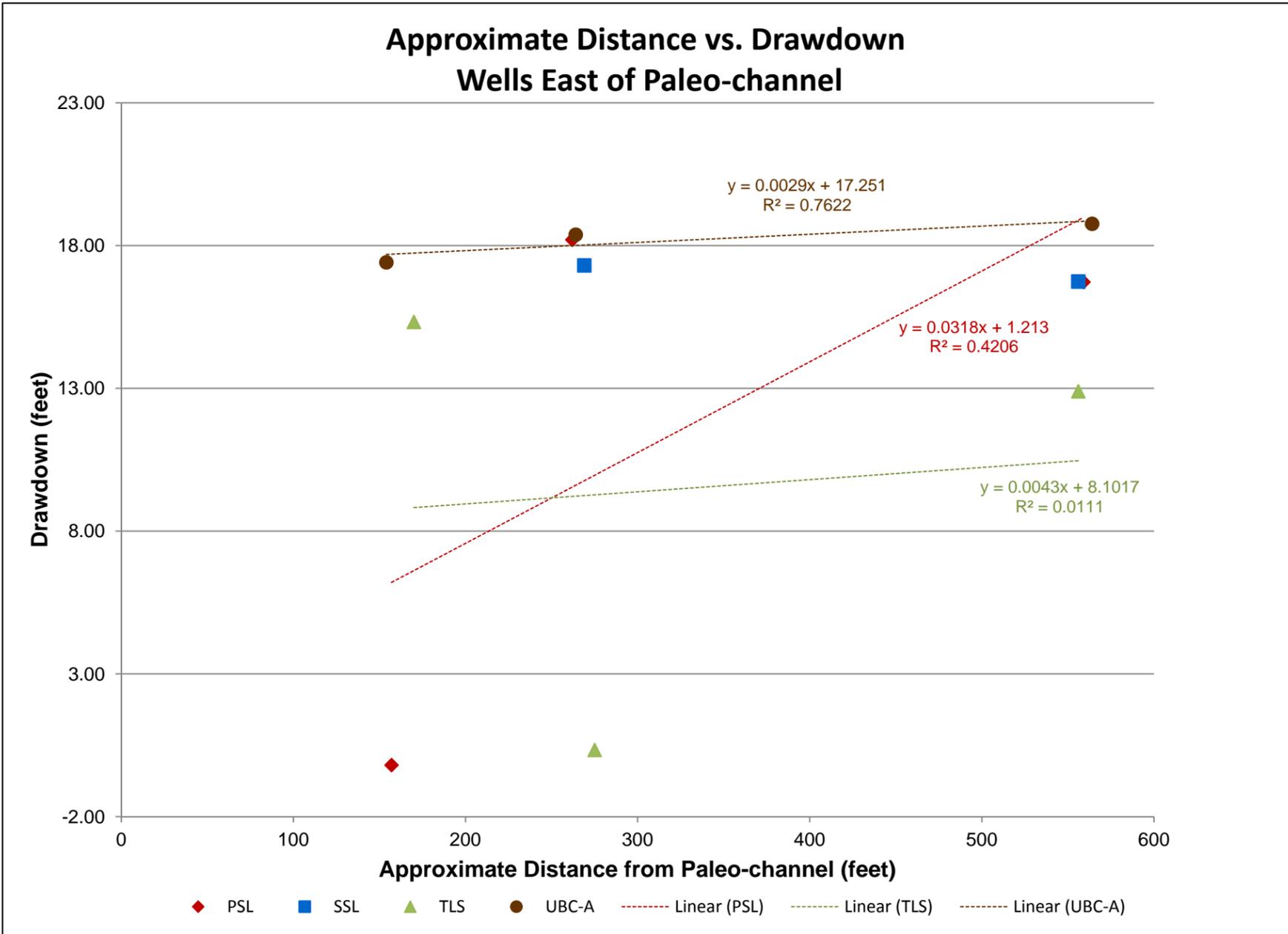
DRAWDOWN BETWEEN OCTOBER 8, 2011 AND DECEMBER 25, 2011 - PRIMARY SAWDUST LANDING (PSDL)

PINEWOOD LANDFILL
PINEWOOD, SOUTH CAROLINA

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NOTE:
 Drawdown was calculated from the difference between water levels measured with transducers on October 8, 2011 and December 25, 2011.

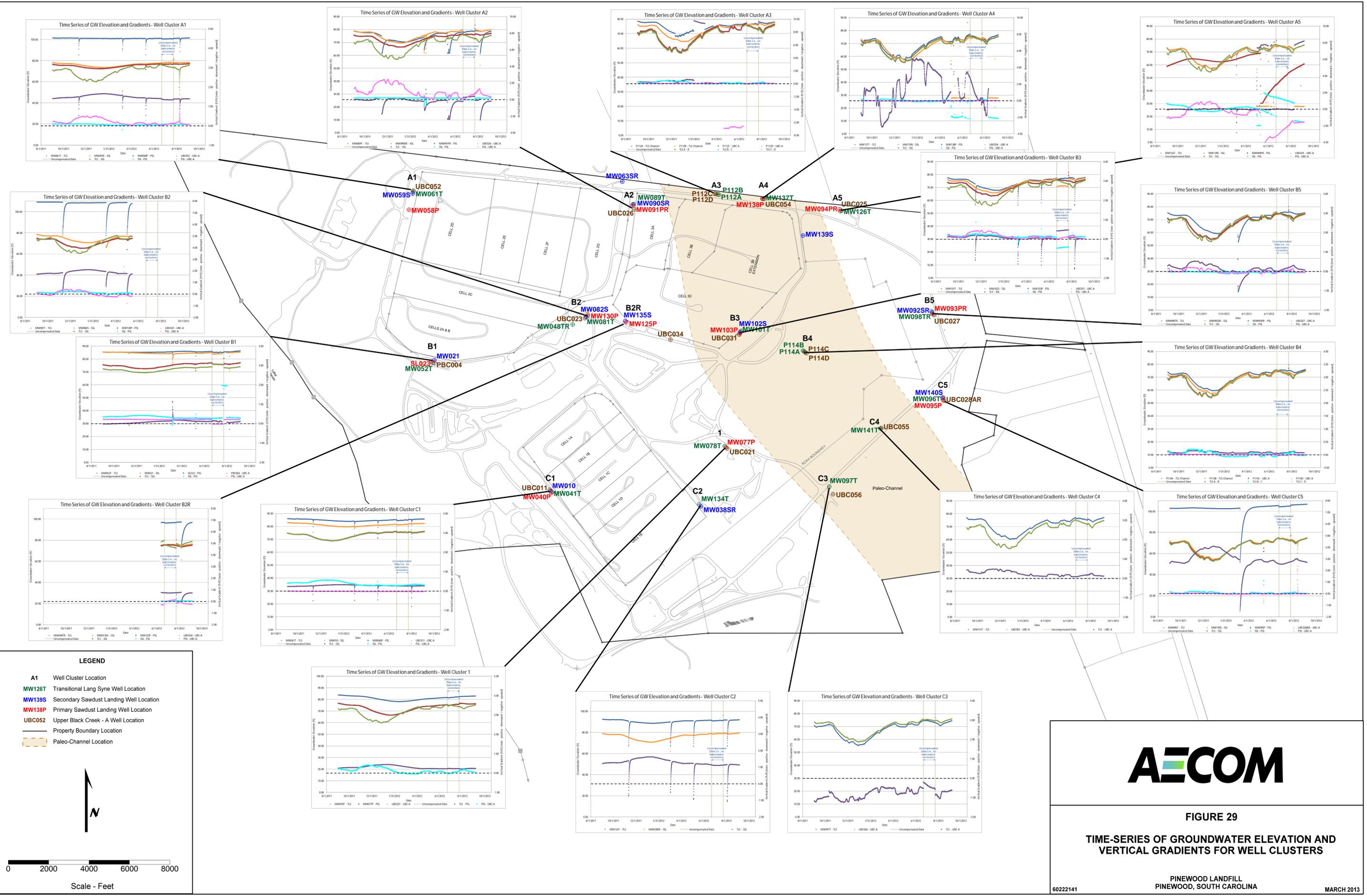


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 Greenville, SC 29615
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FIGURE 28
DISTANCE FROM THE PALEO-CHANNEL VS.
DRAWDOWN FOR WELLS EAST AND
WEST OF THE PALEO-CHANNEL

PINEWOOD LANDFILL
PINEWOOD, SOUTH CAROLINA

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TABLES

**Table 1
Summary of Well Construction and Pressure Transducer Details
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina**

Well Identification	Screened Zone	Installation Date	X Coordinate	Y Coordinate	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	Ground Surface Elevation (feet)	TOC Elevation (feet)	May 2011 Water Level (Elevation - feet)	May 2011 Water Column (feet)	Deployment Elevation (feet)	Deployment Depth (feet BTOC)	Micro Diver model ¹ (m)	Cable Length Needed (m)
Baro	NA	NA	NA	NA					NA	NA		NA					Baro	0
MW010	SSL	8/20/1985	2145166.69	675501.17	56.74	46.74	69.08	79.08	2	79.08	121.74	125.82	81.27	34.53	60.2	65.600	20	20
MW021	SSL	8/30/1985	2144303.4	676467.93	72.01	62.01	59.97	69.97	2	69.97	126.01	131.98	84.38	22.37	72.9	59.040	20	18
MW038SR	SSL	6/29/1994	2146283.47	675387.79	49.53	44.53	83.66	88.66	4	88.66	129.528	133.19	77.79	33.26	51.2	82.000	20	25
MW040P	PSL		2145171.9	675486.56	34.08	29.08	91.21	96.21	4	96.21	122.08	125.29	75.54	46.46	59.7	65.600	20	20
MW041T	TLS	1/18/1991	2145178.05	675493.91	69.63	59.63	56.36	66.36	4	66.36	122.63	125.99	84.4	24.77	70.2	55.760	20	17
MW048TR	TLS	3/20/1996	2145330.85	676732.14	75.23	70.23	63.5	68.5	4	68.5	135.23	138.73	96.98	26.75	73.1	65.600	20	20
MW052T	TLS	3/26/1991	2144290.61	676448.73	78.81	73.81	52.54	57.54	4	57.54	128.81	131.35	85.45	11.64	78.9	52.480	20	16
MW058P	PSL	6/27/1990	2144114.56	677580.64	51.28	41.28	88.79	98.79	4	98.79	136.28	140.07	76.3	35.02	58.1	82.000	20	25
MW059S	SSL	4/30/1991	2144142.71	677701.83	68.64	58.64	72.61	82.61	4	82.61	137.64	141.25	77.6	18.96	69.1	72.160	20	22
MW061T	TLS	3/26/1991	2144144.11	677713.34	82.72	77.72	58.4	63.4	4	63.4	137.72	141.12	100.39	22.67	85.4	55.760	20	17
MW063SR	SSL	5/16/1996	2145699.33	677788.45	45.97	40.97	116.45	121.45	4	121.45	158.97	162.42	75.92	34.95	47.6	114.800	20	35
MW077P	PSL	12/16/1992	2146469.18	675823.7	30.4	25.4	115.71	120.71	4	120.71	142.4	146.11	74.29	48.89	47.7	98.400	20	30
MW078T	TLS	12/16/1992	2146459.95	675832.24	58.1	53.1	87.69	92.69	4	92.69	142.1	145.79	80.89	27.79	63.8	82.000	20	25
MW081T	TLS	8/24/1992	2145441.84	676795.14	73.08	68.08	68.55	73.55	4	73.55	138.08	141.63	108.46	40.38	76.0	65.600	20	20
MW082S	SSL	10/8/1992	2145431.33	676788.68	55.2	50.2	86.35	91.35	4	91.35	138.2	141.55	77.22	27.02	56.3	85.280	20	26
MW089T	TLS	12/20/1992	2145785.6	677622.5	55.99	50.99	104.21	109.21	4	109.21	156.7	160.2	77.88	26.89	61.8	98.400	20	30
MW090SR	SSL	12/21/1995	2145777.69	677619.28	49.1	44.1	111	116	4	116	156.26	160.1	76.03	31.93	61.7	98.400	20	30
MW091PR	PSL	1/12/1996	2145775.77	677609.87	34.41	29.41	125.78	130.78	4	130.78	156.41	160.19	75.94	46.53	45.4	114.800	20	35
MW092SR	SSL	2/3/1995	2148000.32	676819.91	28.17	23.17	149.41	154.41	4	154.41	174.17	177.58	74.85	51.68	46.4	131.200	20	40
MW093PR	PSL	1/27/1995	2148003.88	676809.11	17.43	12.43	159.84	164.84	4	164.84	173.43	177.27	74.87	62.44	46.1	131.200	20	40
MW094PR	PSL	1/24/1995	2147312.57	677584.03	14.47	9.47	163.34	168.34	4	168.34	174.47	177.81	71.21	61.74	30.2	147.600	20	45
MW095P	PSL	10/30/1992	2148081.33	676175.54	22.2	17.2	153.15	158.15	4	158.15	172.2	175.35	74.9	57.7	44.2	131.200	20	40
MW096T	TLS	1/8/1993	2148083.48	676190.42	42.51	37.51	133.27	138.27	4	138.27	171.51	175.78	86.34	48.83	44.6	131.200	20	40
MW097T	TLS	12/16/1992	2147236.21	675532.78	23.1	13.1	138.72	148.72	4	148.72	158.1	161.82	74.65	61.55	30.6	131.200	20	40
MW098TR	TLS	2/8/1995	2147997.25	676829.99	43.17	38.17	134.48	139.48	4	139.48	174.17	177.65	75.2	37.03	46.5	131.200	20	40
MW101T	TLS	6/22/1995	2146580.31	676683.31	57.46	47.46	110.5	120.5	4	120.5	164.46	167.96	76.84	29.38	56.4	111.520	20	34
MW102S	SSL	6/23/1995	2146573.55	676674.81	42.22	37.22	125.5	130.5	4	130.5	164.22	167.72	76.06	38.84	52.9	114.800	20	35
MW103P	PSL	6/27/1995	2146572.88	676666.69	31.92	26.92	135.5	140.5	4	140.5	163.92	167.42	75.84	48.92	36.2	131.200	20	40
MW125P	PSL	5/1/2001	2145728.24	676748.97	30.99	20.99	103.42	113.42	4	113.42	130.93	134.41	75.79	54.8	36.0	98.400	20	30
MW126T	TLS	2/21/1995	2147328.09	677574.14	41.15	36.15	136.00	141.00	4	141	174.15	177.15	74.98	38.83	46.0	131.200	20	40
MW130P	PSL	7/24/1997	2145442.66	676806.48	29.27	24.27	112.69	117.69	4	117.69	138.27	141.96	75.81	51.54	43.6	98.400	20	30
MW134T	TLS	4/4/2001	2416270.52	675401.77	60.52	55.52	72.42	77.42	4	77.42	129.52	132.94	91.47	35.95	67.3	65.600	20	20
MW135S	SSL	5/2/2001	2145720.21	676756.23	47.73	42.73	86.00	91.00	4	91	130.43	133.73	75.8	33.07	48.5	85.280	20	26
MW137T	TLS	8/1/2011	2146751.47	677660.77	38.63	28.63	118.999	128.999	2	126	154.63	157.63	75.84	47.21	42.8	114.8	20	35
MW138P	PSDL	8/1/2011	2146744.82	677661.89	12.87	7.87	144.912	149.912	2	147	154.87	157.78	72.33	64.46	26.6	131.2	20	40
MW139S	SSDL	7/30/2011	2147041.82	677389.85	35.37	30.37	128.052	133.052	2	130	160.37	163.42	73.85	43.48	48.6	114.8	20	35
MW140S	SSDL	7/27/2011	2148077.05	676191.09	30.75	25.75	145.131	150.131	2	147	172.75	175.88	88.68	62.93	44.7	131.2	20	40
MW141T	TLS	7/29/2011	2147616.48	675961.84	37.51	32.51	121.026	126.026	2	123	155.51	158.54	81.01	48.50	60.1	98.4	20	30
P112A	TLS-Channel	12/10/1993	2146416.78	677692.79	24.26	19.26	130.19	135.19	2	135.19	151.259	154.45	77.61	58.35	23.3	131.200	20	40
P112B	TLS-Channel	12/9/1993	2146406.47	677694.36	15.35	10.35	139.22	144.22	2	144.22	151.35	154.57	76.41	66.06	23.4	131.200	20	40
P112C	TLS-Channel	12/9/1993	2146396.15	677696.62	-2.57	-7.57	157.15	162.15	2	162.15	151.43	154.58	76.01	83.58	23.4	131.200	20	40
P112D	TLS-Channel	12/8/1993	2146385.93	677698.94	-14.61	-19.61	169.15	174.15	2	174.15	151.39	154.54	76.04	95.65	23.3	131.200	20	40
P114A	TLS-Channel	12/17/1993	2147041.63	676538.83	29.9	25.9	119.27	123.27	2	123.27	145.9	149.17	75.46	49.56	50.8	98.400	20	30
P114B	TLS-Channel	12/17/1993	2147050.77	676532.02	13.86	9.86	134.42	138.42	2	138.42	144.86	148.28	74.9	65.04	17.1	131.200	20	40
P114C	TLS-Channel	12/16/1993	2147057.66	676526.4	-6.75	-11.75	154.5	159.5	2	159.5	144.25	147.75	75.43	87.18	16.6	131.200	20	40

Table 1
Summary of Well Construction and Pressure Transducer Details
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well Identification	Cable Length Needed (feet)	Top XD Elevation based on cable length (feet)	Top XD Depth based on cable length (feet BTOC)	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	Length of XD cable out of well (feet)	Length of Cable down Well (feet)	Cable S/N	Deployment Team	Deployment Comments
Baro	0		0.00	L0479	33.645	NA	8/29/2011	10:26	0.00	NA	NA	SR/LA	
MW010	65.6	60.22	65.60	K0075	56.680	43.15	8/30/2011	14:01	0.00	99.830	AS6020-1110019	JL/CS	
MW021	59.04	72.94	59.04	H8283	46.483	47.23	8/30/2011	9:19	0.00	93.713	AS60-1135034	JL/CS	Transducer was replaced on July 31, 2012; serial number for replacement transducer is L8260
MW038SR	82	51.19	82.00	J4675	61.952	54.43	8/30/2011	13:25	0.00	116.382	AS6025-1135046	JL/CS	
MW040P	65.6	59.69	65.60	H8317	49.170	50.83	8/30/2011	14:08	0.00	100.000	AS6020-1110012	JL/CS	
MW041T	55.76	70.23	55.76	H8293	49.738	40.30	8/30/2011	14:14	0.00	90.038	AS6017-1135033	JL/CS	
MW048TR	65.6	73.13	65.60	H8284	57.408	42.44	6/12/2012	11:46	0.00	99.848	AS6020-1110011	JL/CS	Replacement for MW081T
MW052T	52.48	78.87	52.48	K0076	40.420	46.44	8/30/2011	8:51	0.00	86.860	AS6016-1135032	JL/CS	
MW058P	82	58.07	82.00	H8280	52.005	64.11	8/29/2011	15:33	0.00	116.115	AS6025-1135044	JL/CS	
MW059S	72.16	69.09	72.16	J4686	42.664	63.16	8/29/2011	15:21	0.00	105.824	AS6022-1135037	JL/CS	
MW061T	55.76	85.36	55.76	K0058	49.688	40.37	8/29/2011	15:11	0.00	90.058	AS6017-1135035	JL/CS	
MW063SR	114.8	47.62	114.80	H8281	62.369	87.43	8/29/2011	14:41	0.14	149.799	AS6035-1135043	SR/LA	Replacement well for MW001
MW077P	98.4	47.71	98.40	K0062	62.746	70.44	8/29/2011	9:41	0.00	133.186	AS6030-1108030	JL/CS	
MW078T	82	63.79	82.00	K0066	53.737	62.35	8/29/2011	9:49	0.00	116.087	AS6025-1135047	JL/CS	
MW081T	65.6	76.03	65.60	H8284	67.064	32.75	8/30/2011	10:09	0.00	99.814	AS6020-1110011	JL/CS	Abandoned - replace with MW048TR
MW082S	85.28	56.27	85.28	J4712	56.037	63.60	8/30/2011	9:59	0.00	119.637	AS6026-1135036	JL/CS	Replaced cable March 22, 2012; Abandoned - replaced with MW135S
MW089T	98.4	61.80	98.40	K5689	50.581	82.09	8/29/2011	15:44	0.00	132.671	AS6030-1042023	SR/LA	Diver - Need to change TOC to 160.20 (done on deployment)
MW090SR	98.4	61.70	98.40	J4684	51.165	84.95	8/29/2011	15:40	0.00	136.115	AS6030-1047025	SR/LA	
MW091PR	114.8	45.39	114.80	H8285	64.117	85.26	8/29/2011	15:34	0.14	149.377	AS6035-1135041	SR/LA	
MW092SR	131.2	46.38	131.20	H8282	59.275	106.07	8/29/2011	13:01	0.00	165.345	AS6040-1032067	SR/LA	
MW093PR	131.2	46.07	131.20	K0068	59.741	105.87	8/29/2011	12:55	0.00	165.611	AS6040-1032068	SR/LA	Diver TOC should be changed to 177.27 (done on deployment)
MW094PR	147.6	30.21	147.60	K0083	61.919	120.12	8/29/2011	14:01	0.00	182.039	AS6045-1135038	SR/LA	
MW095P	131.2	44.15	131.20	H8301	61.047	104.94	8/30/2011	11:10	0.00	165.987	AS6040-1035005	JL/CS	
MW096T	131.2	44.58	131.20	H8300	92.159	73.87	8/30/2011	11:18	0.00	166.029	AS6040-1035001	JL/CS	
MW097T	131.2	30.62	131.20	H8308	74.852	90.23	8/30/2011	12:28	0.00	165.082	AS6040-1034035	JL/CS	
MW098TR	131.2	46.45	131.20	K0073	62.690	102.84	8/29/2011	13:05	0.00	165.530	AS6040-1032026	SR/LA	
MW101T	111.52	56.44	111.52	H3184	54.990	91.34	8/29/2011	11:17	0.00	146.330	AS6034-1135031	SR/LA	
MW102S	114.8	52.92	114.80	K0063	57.180	97.72	8/29/2011	11:12	0.00	154.900	AS6035-1135042	SR/LA	
MW103P	131.2	36.22	131.20	H8298	72.044	93.40	8/29/2011	11:07	0.00	165.444	AS6040-1032071	SR/LA	
MW125P	98.4	36.01	98.40	K0077	73.320	59.71	6/12/2012	11:12	0.00	133.030	AS6040-1032071		Replacement for MW130P
MW126T	131.2	45.95	131.20	H3175	61.430	104.65	8/29/2011	13:52	0.00	166.080	AS6040-1035002	SR/LA	
MW130P	98.4	43.56	98.40	K0077	65.502	67.50	8/30/2011	10:20	0.00	133.002	AS6030-1042021	JL/CS	Abandoned - Replace with MW125P
MW134T	65.6	67.34	65.60	H3205	59.150	40.93	8/30/2011	13:15	0.00	100.080	AS6020-1110014	JL/CS	
MW135S	85.28	48.45	85.28	J4712	60.942	58.65	6/12/2012	11:21	0.00	119.592	AS6026-1135036		Replacement for MW082S
MW137T	114.8	42.83	114.8	H8291	64.951	85.05	8/29/2011	13:46	0.00	150.001	AS6035-1135040	JL/CS	
MW138P	131.2	26.58	131.2	H8294	78.123	87.56	8/29/2011	13:56	0.00	165.683	AS6040-1032070	JL/CS	
MW139S	114.8	48.62	114.8	H8296	58.993	90.97	8/29/2011	14:23	0.00	149.963	AS6035-1135039	JL/CS	
MW140S	131.2	44.68	131.2	J4674	61.837	104.22	8/30/2011	11:25	0.00	166.057	AS6040-1034037	JL/CS	
MW141T	98.4	60.14	98.4	J4705	51.614	81.53	8/30/2011	12:53	0.00	133.144	AS6030-1042020	JL/CS	
P112A	131.2	23.25	131.20	H3180	89.131	77.46	8/29/2011	13:18	0.00	166.591	AS6040-1108025	JL/CS	Transducer was replaced on February 29, 2012; serial number for replacement transducer is L2219; Cable was replaced on March 22, 2012.
P112B	131.2	23.37	131.20	H3166	86.624	79.88	8/29/2011	13:10	0.00	166.504	AS6040-1108023	JL/CS	Need to Change diver TOC to 154.57 (done on deployment)
P112C	131.2	23.38	131.20	H1673	82.595	83.85	8/29/2011	13:03	0.00	166.445	AS6040-1108024	JL/CS	
P112D	131.2	23.34	131.20	H1435	81.932	83.76	8/29/2011	12:54	0.00	165.692	AS6040-1032076	JL/CS	Transducer was replaced on June 12, 2012; serial number for replacement transducer is K9820
P114A	98.4	50.77	98.40	H3163	57.326	75.73	8/29/2011	10:49	0.00	133.056	AS6030-1042017	JL/CS	
P114B	131.2	17.08	131.20	H3203	89.436	76.08	8/29/2011	11:00	0.00	165.516	AS6040-1032075	JL/CS	
P114C	131.2	16.55	131.20	H3179	87.894	77.85	8/29/2011	11:12	0.00	165.744	AS6040-1032069	JL/CS	

Table 1
Summary of Well Construction and Pressure Transducer Details
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well Identification	Screened Zone	Installation Date	X Coordinate	Y Coordinate	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	Ground Surface Elevation (feet)	TOC Elevation (feet)	May 2011 Water Level (Elevation - feet)	May 2011 Water Column (feet)	Deployment Elevation (feet)	Deployment Depth (feet BTOC)	Micro Diver model ¹ (m)	Cable Length Needed (m)
P114D	TLS-Channel	12/15/1993	2147067.69	676520.47	-20.38	-24.83	167.54	171.99	2	171.99	143.62	147.16	75.36	100.19	16.0	131.200	20	40
PBC004	UBC-A	3/18/1985	2144304.42	676448.26	26.75	22.75	104.72	108.72	2	108.72	126.75	131.47	76.27	53.52	33.1	98.400	20	30
SL023	PSL	2/11/1988	2144283.21	676457.69	41.03	36.03	90.3	95.3	4	95.3	128.03	131.33	76.3	40.27	49.3	82.000	20	25
UBC011	UBC-A	5/20/1991	2145159.85	675510.49	19.19	14.19	106.41	111.41	4	111.41	122.19	125.6	75.45	61.26	27.2	98.400	20	30
UBC021	UBC-A	12/11/1992	2146478.22	675814.99	10.6	0.6	135.54	145.54	4	145.54	142.6	146.14	75.39	74.79	47.7	98.400	20	30
UBC023	UBC-A	11/17/1992	2145421.56	676779.25	16.25	11.25	125	130	4	130	138	141.25	75.68	64.43	42.9	98.400	20	30
UBC025	UBC-A	11/10/1992	2147318.91	677569.43	4.9	-0.1	173.34	178.34	4	178.34	174.4	178.24	75.66	75.76	47.0	131.200	20	40
UBC026	UBC-A	10/5/1992	2145787.3	677583.7	30.17	25.17	130.5	135.5	4	135.5	157.17	160.67	75.94	50.77	29.5	131.200	20	40
UBC027	UBC-A	10/23/1992	2148015.08	676802.14	1.9	-3.1	175.4	180.4	4	180.4	173.9	177.3	75.39	78.49	46.1	131.200	20	40
UBC028AR	UBC-A	2/14/1995	2148088.34	676168.88	9.44	4.44	165.59	170.59	4	170.59	171.44	175.03	74.88	70.44	43.8	131.200	20	40
UBC031	UBC-A	6/27/1995	2146567.96	676657.39	13.6	8.6	153.5	158.5	4	158.5	163.6	167.1	75.8	67.2	35.9	131.200	20	40
UBC034	UBC-A	4/27/2001	2146057.3	676620.18	13.17	8.17	121.59	126.59	4	126.59	131.33	134.76	75.81	67.64	36.4	98.400	20	30
UBC052	UBC-A	7/1/1995	2144148.01	677721.65	24.59	19.59	116.36	121.36	4	121.36	137.79	140.95	76.04	56.45	42.6	98.400	20	30
UBC054	UBC 1	7/31/2011	2146739.54	677662.61	5.02	0.02	152.972	157.972	2	155	155.02	157.99	72.26	72.24	26.8	131.2	20	40
UBC055	UBC 1	7/28/2011	2147621.35	675966.24	19.56	14.56	139.046	144.046	2	141	155.56	158.61	71.72	57.16	27.4	131.2	20	40
UBC056	UBC 1	7/28/2011	2147264.35	675477.52	18.15	13.15	145.939	150.939	2	148	161.15	164.09	77.49	64.34	32.9	131.2	20	40

**Table 1
Summary of Well Construction and Pressure Transducer Details
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina**

Well Identification	Cable Length Needed (feet)	Top XD Elevation based on cable length (feet)	Top XD Depth based on cable length (feet BTOC)	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	Length of XD cable out of well (feet)	Length of Cable down Well (feet)	Cable S/N	Deployment Team	Deployment Comments
P114D	131.2	15.96	131.20	J4722	88.166	77.30	8/29/2011	11:19	0.00	165.466	AS6040-1032074	JL/CS	
PBC004	98.4	33.07	98.40	J4721	73.245	56.59	8/30/2011	9:11	0.00	129.835	AS6030-1042026	JL/CS	
SL023	82	49.33	82.00	H8306	60.233	56.39	8/30/2011	9:01	0.00	116.623	AS6225-1135045	JL/CS	
UBC011	98.4	27.20	98.40	J4694	81.598	51.24	8/30/2011	13:50	0.00	132.838	AS6030-1042022	JL/CS	
UBC021	98.4	47.74	98.40	J4698	58.891	73.73	8/29/2011	9:58	0.00	132.621	AS6030-1042019	JL/CS	
UBC023	98.4	42.85	98.40	J4704	65.600	70.86	8/30/2011	9:49	0.00	136.460	AS60301042017	JL/CS	Abandoned - Replace with UBC034
UBC025	131.2	47.04	131.20	J4716	57.339	108.30	8/29/2011	13:52	0.00	165.639	AS6040-1034039	SR/LA	
UBC026	131.2	29.47	131.20	J4713	75.430	89.95	8/29/2011	15:29	0.13	165.380	AS6040-1035004	SR/LA	
UBC027	131.2	46.10	131.20	J4689	58.048	107.92	8/29/2011	12:49	0.00	165.968	AS6040-1032072	SR/LA	
UBC028AR	131.2	43.83	131.20	J4708	60.978	104.95	8/30/2011	10:55	0.00	165.928	AS6040-1035003	JL/CS	
UBC031	131.2	35.90	131.20	J4710	69.094	96.53	8/29/2011	10:56	0.00	165.624	AS6040-1032027	SR/LA	
UBC034	98.4	36.36	98.40	J4704	76.004	60.50	6/12/2012	11:27	0.00	136.504	AS60301042017		Replacement for UBC023
UBC052	98.4	42.55	98.40	J4695	63.573	69.37	8/29/2011	14:52	0.00	132.943	AS6030-1042024	JL/CS	
UBC054	131.2	26.8	131.2	H8313	77.982	87.72	8/29/2011	14:03	0.00	165.702	AS6040-1032073	JL/CS	
UBC055	131.2	27.4	131.2	J4703	76.598	89.26	8/30/2011	12:45	0.00	165.858	AS6040-1034038	JL/CS	
UBC056	131.2	32.9	131.2	J4699	75.341	90.51	8/30/2011	12:16	0.00	165.851	AS6040-1034036	JL/CS	

Notes:

BTOC - Below Top of Casing
 BGS - Below Ground Surface
 Col - Column
 NA - Not Available
 WL - Water Level
 XD - Transducer

Teams:
 SR/LA - Scott Ross/Leslee Alexander
 JL/CS - James Leaphart/Chuck Suddeth

- Indicates a proposed custom cut cable length.
- Indicates a cap that was replaced for transducer deployment.
- Indicates a well from the proposed deployment list that was replaced during the Hydrologic Evaluation.
- Indicates the well is a replacement for a well in the original proposal.

Red text indicates as calculated value.
 1. The 20 m Micro-Diver is model DI 602.

Table 2
Summary of Minimum and Maximum Water Levels
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well	Screened Zone	Minimum Depth to Water (ft BTOC)	Maximum Depth to Water (ft BOTC)	Depth to Water Difference (ft)
MW041T	TLS	39.88	54.24	14.36
MW048TR	TLS	41.39	63.25	21.86
MW052T	TLS	44.79	49.13	4.33
MW061T	TLS	35.75	55.67	19.92
MW078T	TLS	59.10	67.56	8.46
MW081T	TLS	32.38	65.51	33.13
MW089T	TLS	76.95	98.47	21.52
MW096T	TLS	65.61	124.20	58.59
MW097T	TLS	84.71	106.42	21.71
MW098TR	TLS	97.38	125.02	27.64
MW101T	TLS	85.97	111.62	25.64
MW126T	TLS	98.59	124.75	26.16
MW134T	TLS	36.89	65.91	29.02
MW137T	TLS	78.89	99.83	20.94
MW141T	TLS	78.53	98.20	19.67
Minimum Difference (ft)				4.33
Maximum Difference (ft)				58.59

Notes:

BTOC - Below Top of Casing

ft - Feet

TLS - Transitional Lang Syne

Table 2
Summary of Minimum and Maximum Water Levels
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well	Screened Zone	Minimum Depth to Water (ft BTOC)	Maximum Depth to Water (ft BOTC)	Depth to Water Difference (ft)
P112A	TLS-Channel	72.20	86.75	14.55
P112B	TLS-Channel	73.15	89.88	16.74
P114A	TLS-Channel	69.48	89.48	20.01
P114B	TLS-Channel	70.42	90.92	20.50
Minimum Difference (ft)				14.55
Maximum Difference (ft)				20.50

Notes:

BTOC - Below Top of Casing

ft - Feet

TLS - Transitional Lang Syne

Table 2
Summary of Minimum and Maximum Water Levels
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well	Screened Zone	Minimum Depth to Water (ft BTOC)	Maximum Depth to Water (ft BOTC)	Depth to Water Difference (ft)
MW010	SSDL	42.79	46.45	3.66
MW021	SSDL	46.44	59.16	12.72
MW038SR	SSDL	53.58	70.99	17.41
MW059S	SSDL	58.87	69.91	11.04
MW063SR	SSDL	81.24	95.52	14.28
MW082S	SSDL	63.15	75.39	12.24
MW090SR	SSDL	76.33	98.35	22.03
MW092SR	SSDL	100.51	123.03	22.52
MW102S	SSDL	86.57	104.26	17.69
MW135S	SSDL	53.45	58.58	5.13
MW139S	SSDL	84.63	136.84	52.21
MW140S	SSDL	98.23	121.36	23.13
Minimum Difference (ft)				3.66
Maximum Difference (ft)				52.21

Notes:

BTOC - Below Top of Casing

ft - Feet

SSDL - Secondary Sawdust Landing

Table 2
Summary of Minimum and Maximum Water Levels
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well	Screened Zone	Minimum Depth to Water (ft BTOC)	Maximum Depth to Water (ft BOTC)	Depth to Water Difference (ft)
MW040P	PSDL	49.12	56.36	7.24
MW058P	PSDL	59.01	68.38	9.37
MW077P	PSDL	65.22	79.55	14.33
MW091PR	PSDL	79.36	93.74	14.38
MW093PR	PSDL	99.72	122.42	22.70
MW094PR	PSDL	108.66	147.45	38.79
MW095P	PSDL	98.48	122.07	23.59
MW103P	PSDL	88.01	106.69	18.69
MW125P	PSDL	58.43	60.75	2.32
MW130P	PSDL	66.99	77.72	10.73
MW138P	PSDL	80.42	102.39	21.97
SL023	PSDL	50.80	60.42	9.62
Minimum Difference (ft)				2.32
Maximum Difference (ft)				38.79

Notes:

BTOC - Below Top of Casing

ft - Feet

PSD - Primary Sawdust Landing

Table 2
Summary of Minimum and Maximum Water Levels
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well	Screened Zone	Minimum Depth to Water (ft BTOC)	Maximum Depth to Water (ft BOTC)	Depth to Water Difference (ft)
P112C	UBC-A	76.12	97.20	21.09
P112D	UBC-A	78.05	97.87	19.82
P114C	UBC-A	70.90	93.23	22.34
P114D	UBC-A	70.38	92.85	22.48
PBC004	UBC-A	53.93	62.02	8.09
UBC011	UBC-A	45.38	56.49	11.11
UBC021	UBC-A	68.00	86.08	18.08
UBC023	UBC-A	63.53	98.18	34.65
UBC025	UBC-A	101.03	123.62	22.59
UBC026	UBC-A	83.11	108.14	25.03
UBC027	UBC-A	100.11	124.07	23.96
UBC028AR	UBC-A	98.33	131.05	32.72
UBC031	UBC-A	89.76	111.09	21.33
UBC034	UBC-A	53.69	73.15	19.46
UBC052	UBC-A	62.90	98.21	35.31
UBC054	UBC-A	80.71	102.33	21.63
UBC055	UBC-A	81.86	105.50	23.64
UBC056	UBC-A	84.85	105.90	21.05
Minimum Difference (ft)				8.09
Maximum Difference (ft)				35.31

Notes:

BTOC - Below Top of Casing

ft - Feet

UBC-A - Upper Black Creek A

Table 3
Summary of Approximate Drawdown During Off-Site Pumping for Duck Ponds
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well	Screened Zone	Easting	Northing	Ground Surface Elevation (ft) ¹	TOC Elevation (ft) ¹	Top of Screen Elevation (ft) ¹	Bottom of Screen Elevation (ft) ¹	Total Depth (feet)	Depth to Water 12 PM on October 8, 2012 (ft BTOC)	Depth to Water 9 PM on December 25, 2012 (ft BTOC)	Drawdown (ft)
MW010	SSDL	2145166.69	675501.17	121.74	125.82	56.74	46.74	79.08	43.29	45.37	2.07
MW021	SSDL	2144303.4	676467.93	126.01	131.98	72.01	62.01	69.97	46.73	47.51	0.78
MW038SR	SSDL	2146283.47	675387.79	129.528	133.19	49.53	44.53	88.66	55.05	61.86	6.81
MW040P	PSDL	2145171.9	675486.56	122.08	125.29	34.08	29.08	96.21	51.36	56.29	4.93
MW041T	TLS	2145178.05	675493.91	122.63	125.99	69.63	59.63	66.36	40.24	41.41	1.17
MW048TR	TLS	2145330.85	676732.14	135.23	138.73	75.23	70.23	68.5	NA	NA	NA
MW052T	TLS	2144290.61	676448.73	128.81	131.35	78.81	73.81	57.54	46.10	46.17	0.07
MW058P	PSDL	2144114.56	677580.64	136.28	140.07	51.28	41.28	98.79	64.53	67.53	3.00
MW059S	SSDL	2144142.71	677701.83	137.64	141.25	68.64	58.64	82.61	64.05	67.25	3.20
MW061T	TLS	2144144.11	677713.34	137.72	141.12	82.72	77.72	63.4	39.69	40.02	0.33
MW063SR	SSDL	2145699.33	677788.45	158.97	162.42	45.97	40.97	121.45	87.02	95.30	8.28
MW077P	PSDL	2146469.18	675823.7	142.4	146.11	30.4	25.4	120.71	71.01	78.16	7.16
MW078T	TLS	2146459.95	675832.24	142.1	145.79	58.1	53.1	92.69	62.68	65.82	3.14
MW081T	TLS	2145441.84	676795.14	138.08	141.63	73.08	68.08	73.55	32.47	33.21	0.74
MW082S	SSDL	2145431.33	676788.68	138.2	141.55	55.2	50.2	91.35	64.51	70.02	5.51
MW089T	TLS	2145785.6	677622.5	156.7	160.2	55.99	50.99	109.21	82.50	89.05	6.54
MW090SR	SSDL	2145777.69	677619.28	156.26	160.1	49.1	44.1	116	81.94	90.23	8.29
MW091PR	PSDL	2145775.77	677609.87	156.41	160.19	34.41	29.41	130.78	85.19	93.57	8.38
MW092SR	SSDL	2148000.32	676819.91	174.17	177.58	28.17	23.17	154.41	106.05	122.79	16.74
MW093PR	PSDL	2148003.88	676809.11	173.43	177.27	17.43	12.43	164.84	105.49	122.21	16.73
MW094PR	PSDL	2147312.57	677584.03	174.47	177.81	14.47	9.47	168.34	114.79	114.59	-0.19
MW095P	PSDL	2148081.33	676175.54	172.2	175.35	22.2	17.2	158.15	103.69	121.89	18.21
MW096T	TLS	2148083.48	676190.42	171.51	175.78	42.51	37.51	138.27	72.69	73.02	0.34
MW097T	TLS	2147236.21	675532.78	158.1	161.82	23.1	13.1	148.72	90.45	105.94	15.49
MW098TR	TLS	2147997.25	676829.99	174.17	177.65	43.17	38.17	139.48	104.16	117.05	12.90
MW101T	TLS	2146580.31	676683.31	164.46	167.96	57.46	47.46	120.5	91.59	99.49	7.91
MW102S	SSDL	2146573.55	676674.81	164.22	167.72	42.22	37.22	130.5	92.42	101.54	9.12
MW103P	PSDL	2146572.88	676666.69	163.92	167.42	31.92	26.92	140.5	93.63	103.80	10.17
MW125P	PSDL	2145728.24	676748.97	130.93	134.41	30.99	20.99	113.42	NA	NA	NA
MW126T	TLS	2147328.09	677574.14	174.15	177.15	41.15	36.15	141	104.30	119.63	15.33
MW130P	PSDL	2145442.66	676806.48	138.27	141.96	29.27	24.27	117.69	67.66	76.42	8.76
MW134T	TLS	2146270.52	675401.77	129.52	132.94	60.52	55.52	77.42	40.79	43.90	3.11
MW135S	SSDL	2145720.21	676756.23	130.43	133.73	47.73	42.73	91	NA	NA	NA
MW137T	TLS	2146751.465	677660.7666	154.63	157.629	38.63	28.63	126	83.75	99.75	16.01
MW138P	PSDL	2146744.82	677661.8878	154.87	157.782	12.87	7.87	147	85.52	102.37	16.86
MW139S	SSDL	2147041.816	677389.8498	160.37	163.422	35.37	30.37	130	90.65	105.94	15.29
MW140S	SSDL	2148077.05	676191.0916	172.75	175.881	30.75	25.75	147	103.76	121.06	17.31
MW141T	TLS	2147616.485	675961.8433	155.51	158.536	37.51	32.51	123	82.38	97.91	15.54

Table 3
Summary of Approximate Drawdown During Off-Site Pumping for Duck Ponds
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well	Screened Zone	Easting	Northing	Ground Surface Elevation (ft) ¹	TOC Elevation (ft) ¹	Top of Screen Elevation (ft) ¹	Bottom of Screen Elevation (ft) ¹	Total Depth (feet)	Depth to Water 12 PM on October 8, 2012 (ft BTOC)	Depth to Water 9 PM on December 25, 2012 (ft BTOC)	Drawdown (ft)
P112A	TLS-Channel	2146416.78	677692.79	151.259	154.45	24.26	19.26	135.19	76.53	86.26	9.73
P112B	TLS-Channel	2146406.47	677694.36	151.35	154.57	15.35	10.35	144.22	78.77	89.57	10.80
P112C	UBC-A	2146396.15	677696.62	151.43	154.58	-2.57	-7.57	162.15	81.36	97.20	15.85
P112D	UBC-A	2146385.93	677698.94	151.39	154.54	-14.61	-19.61	174.15	82.07	97.85	15.78
P114A	TLS-Channel	2147041.63	676538.83	145.9	149.17	29.9	25.9	123.27	75.98	89.05	13.07
P114B	TLS-Channel	2147050.77	676532.02	144.86	148.28	13.86	9.86	138.42	76.24	90.68	14.44
P114C	UBC-A	2147057.66	676526.4	144.25	147.75	-6.75	-11.75	159.5	75.97	93.21	17.25
P114D	UBC-A	2147067.69	676520.47	143.62	147.16	-20.38	-24.83	171.99	75.63	92.84	17.20
PBC004	UBC-A	2144304.42	676448.26	126.75	131.47	26.75	22.75	108.72	59.76	62.00	2.24
SL023	PSDL	2144283.21	676457.69	128.03	131.33	41.03	36.03	95.3	56.46	58.84	2.38
UBC011	UBC-A	2145159.85	675510.49	122.19	125.6	19.19	14.19	111.41	51.52	56.43	4.90
UBC021	UBC-A	2146478.22	675814.99	142.6	146.14	10.6	0.6	145.54	73.53	86.02	12.49
UBC023	UBC-A	2145421.56	676779.25	138	141.25	16.25	11.25	130	65.69	80.63	14.93
UBC025	UBC-A	2147318.91	677569.43	174.4	178.24	4.9	-0.1	178.34	106.18	123.59	17.42
UBC026	UBC-A	2145787.3	677583.7	157.17	160.67	30.17	25.17	135.5	88.42	103.70	15.28
UBC027	UBC-A	2148015.08	676802.14	173.9	177.3	1.9	-3.1	180.4	105.28	124.05	18.77
UBC028AR	UBC-A	2148088.34	676168.88	171.44	175.03	9.44	4.44	170.59	103.57	121.96	18.39
UBC031	UBC-A	2146567.96	676657.39	163.6	167.1	13.6	8.6	158.5	95.01	111.07	16.06
UBC034	UBC-A	2146057.3	676620.18	131.33	134.76	13.17	8.17	126.59	NA	NA	NA
UBC052	UBC-A	2144148.01	677721.65	137.79	140.95	24.59	19.59	121.36	68.28	80.72	12.44
UBC054	UBC-A	2146739.542	677662.6058	155.02	157.992	5.02	0.02	155	85.76	102.31	16.55
UBC055	UBC-A	2147621.349	675966.2442	155.56	158.606	19.56	14.56	141	87.08	105.43	18.34
UBC056	UBC-A	2147264.351	675477.523	161.15	164.089	18.15	13.15	148	90.42	105.51	15.09

Notes:

BTOC - Below Top of Casing

ft - Feet

NA - Not Applicable

TOC - Top of Casing

1. Site elevation data is referenced to a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988.

ATTACHMENTS

ATTACHMENT A

Preliminary Hydrologic Monitoring Technical Memorandum
(AECOM; December 21, 2011)

TECHNICAL MEMORANDUM

TO: Christopher J. Suttell, P.G., Kestrel Horizons, LLC

FROM: John R. Haramut, P.G., AECOM
Leslee J. Alexander, P.G., AECOM

COPY: AECOM Project File 60222141

RE: Preliminary Hydrologic Monitoring Technical Memorandum
Pinewood Hydrologic Evaluation
Pinewood, South Carolina
AECOM Project Number 60222141

DATE: December 21, 2011

This memorandum has been prepared to summarize the initial work performed by AECOM Technical Services, Inc. (AECOM) on the Pinewood Hydraulic Evaluation through October 31, 2011. A discussion of the project background, field preparation activities, transducer installation activities, and transducer data and deployment is presented herein. Note that AECOM's Proposal for Hydrologic Monitoring (Revision 02), submitted to Kestrel Horizons, LLC (Kestrel) on July 22, 2011, stipulated that this memorandum would be based on three months of data. However, at the request of Kestrel, AECOM performed the first data download event on October 31, 2011 (after approximately two months of data collection) in order to obtain water level information necessary for quarterly groundwater monitoring activities scheduled for the week of November 7, 2011.

Background

During 2010, AECOM supported the Pinewood Improvement Projects including *Element 2: Review, Enhancement and Optimization of the Environmental Monitoring Systems*. AECOM scientists and engineers performed a critical review of the environmental monitoring systems in place at the Pinewood Landfill Site located in Pinewood, South Carolina. The natural groundwater flow direction in the Primary Sawdust Landing (PSDL) and Upper Black Creek – A (UBC-A) aquifers beneath the Site is primarily west toward Lake Marion. During the Pinewood Improvement Projects, detailed analyses of groundwater monitoring data indicated that the groundwater flow direction within the PSDL and UBC-A aquifers had been altered as a result of off-Site groundwater pumping by others. Historical groundwater potentiometric surface maps indicated that the groundwater flow direction within the UBC-A and PSDL aquifers was altered (reversed toward the east) during the winter months and that the natural groundwater flow direction to the west was restored during the summer months. Based on water level measurements collected during 2010, this cyclic groundwater flow direction trend no longer occurs and the predominant groundwater flow direction within these water-bearing units is now toward the east throughout the year. Based upon this anthropogenic phenomenon, AECOM recommended a long-term (1-year) hydrologic Study of specific water-bearing units beneath the Pinewood Site.

AECOM submitted a Proposal to Kestrel, Trustee for the PSCT, on July 22, 2011 (approved by Kestrel on August 8, 2011) to monitor water levels for twelve months in fifty-eight (58) monitoring wells along three (3) east-west oriented transects and within the paleochannel that exists beneath the eastern portion

of the Site. The objective of the monitoring program is to evaluate seasonal fluctuations in water levels at the Site and assess the effects of off-site pumping on groundwater flow beneath the Site. This memorandum documents the water level data collected from September 1, 2011 through the first data download event on October 31, 2011.

Transducer Procurement

Based on the accelerated transducer deployment schedule (September 1, 2011) required by the SCDHEC, the Solinst Levelogger Edge Model 3001, which was the transducer proposed in AECOM's July 22, 2011 proposal, could not be procured within the requested timeframe. AECOM's project team researched alternate transducers and, together with Kestrel and SCDHEC, selected the Schlumberger Micro-Diver model 602 transducer for deployment at the Site.

Prior to procuring the transducers, AECOM compiled well construction and dedicated sampling equipment specifications in order to determine the proper cable length for transducer deployment in each well (see Table 1). AECOM was informed by Brian Burgess (Sumter Transport Company {STC}) that there was a pump stuck in one of the wells (MW001) initially identified for hydraulic monitoring. As an alternative, AECOM proposed monitoring well MW063SR, which is screened in the same hydrogeologic unit [Secondary Sawdust Landing (SSDL)] as well MW001 and is in the immediate vicinity of MW001. This change was approved by Kestrel during the project kick-off conference call on August 26, 2011. Furthermore, during project planning activities, Kestrel informed AECOM that one of the proposed Hydrologic Monitoring SSDL wells was not installed, reducing the total number of wells for hydrologic monitoring to fifty-seven (57).

The following equipment were procured by AECOM for the hydrologic monitoring:

1. 57 Schlumberger Water Service Micro-Diver model DI 602 pressure transducers (20 meter depth rating);
2. One (1) Schlumberger Water Service Baro Diver DI 500 barometric pressure transducer;
3. Forty (40) standard transducer cables (20, 30 & 40 Meter standard sizes – see Table 1 for specifications);
4. Seventeen (17) custom transducer cables (Custom cut lengths – see Table 1 for specifications);
and
5. Two (2) USB AS 327 communication cables (data download to laptop PC).

Preparation for Transducer Deployment

Upon receipt and prior to deployment, AECOM tested each transducer to ensure it was functional. Communication with the transducer via computer was facilitated using the manufacture's software, Diver-Office 2011.1 (version 4.0.76.0). Transducers were assigned to individual wells and pre-programmed with required well construction specifications and monitoring information (i.e., well identification (ID), top of casing elevation, test start time, measurement frequency, and associated barometric pressure transducer) for each well to ensure maximum efficiency in the field. The "Project Time" in the Diver-Office software was set to "Standard Time (Winter Time)" for the hydrologic monitoring project so that changes caused by day-light savings time would not impact the measurement schedule. Transducers were programmed to record every 3 hours (8 times daily). Each transducer was synchronized to "Project Time" during set up and programmed for a "Future Start" of 12:00 AM on

September 1, 2011. All transducers started simultaneously and will record future water levels at the same time throughout the test period.

The transducers cases were labeled and the transducers and cables were organized in boxes for ease of deployment during the field effort. Finally, AECOM set up field forms so that field personnel could easily verify the data entered for each transducer and record pertinent well and transducer information upon deployment (See Table 1 for the electronic version of this data).

Transducer Deployment Activities

AECOM personnel (Leslee Alexander, James Leaphart, Charles Suddeth, and Scott Ross) deployed the fifty-seven (57) transducers for hydrologic monitoring on August 29-30, 2011. Upon arrival to the Site, AECOM personnel signed in at the office and met with STC (Brian Burgess), SCDHEC (Cynde Devlin and Shanisha Perry) and Kestrel (Harry Morris). AECOM completed the required on-Site health and safety training with Brian Burgess prior to beginning field work.

Prior to initiating deployment activities, AECOM personnel synchronized the clock times on each laptop that was used for transducer deployment so that all transducers would be set on the same time. The "Project Time" in Diver-Office was set to "Standard Tome (Winter Time)" on each laptop. The barometric transducer was installed first on the backside of the Change House, at a location approved by Brian Burgess. The barometric transducer was programmed to start at 12:00 PM on August 29, 2011 to collect barometric pressure trend data prior to the start of hydrologic monitoring transducers on September 1, 2011.

The procedures used during deployment of each transducer are listed below.

1. Unlock the well protective cover;
2. Verify the well ID;
3. Collect a water level measurement with the electronic water level probe;
4. Decontaminate the water level probe with liquinox and potable water for subsequent use;
5. Deploy the transducer through the open water level probe porthole (for wells with dedicated sampling equipment) or in the open well casing;
6. Secure the transducer in the well;
7. Record the amount of cable (if any) remaining out of the well (Note – all transducers were deployed to their full cable length; wells MW091PR, MW063SR, and UBC026 had their connectors out of the well casing and lengths are noted on Table 1);
8. Connect the transducer to the computer and establish electronic communication;
9. Verify the well ID information, monitoring frequency (every 3 hours, 8 times daily) and test "Future Start" time (12:00 AM on September 1, 2011) in the transducer set up menu;
10. Collect a manual water level measurement with the transducer deployed to correspond with the water level and record this in the transducer and on the field form;
11. Initiate the pre-programmed test;
12. Verify the test is running prior to disconnecting from the transducer;

13. Lock the well; and
14. Mobilize to the next location.

Information recorded during deployment is included on Table 1 and the daily logs and health and safety tailgate information are provided in Attachment 1. Figure 1 shows the location of the wells included in the hydrologic evaluation.

Transducer Data and Performance

AECOM downloaded electronic measurements from the transducers on October 31, 2011 in order to provide water levels to Kestrel prior to quarterly sampling activities scheduled for November 7, 2011. No problems were encountered during the first download event and no errors in the downloaded data were identified. All transducers appear to be working properly and recording water level data as programmed.

The raw data (pressure measurements) for each transducer is presented in Table 2. Although AECOM's July 22, 2011 proposal specified that only raw data would be provided as part of this *Preliminary Hydrologic Monitoring Technical Memorandum*, the water levels were referenced to top of casing and corrected for barometric pressure in order to provide water level information for quarterly sampling, as requested by Kestrel. Barometric pressure correction was completed using Schlumberger Water Service's Diver Office software. Depth to water measurements corrected for barometric pressure are presented for each well in Table 3.

Summary

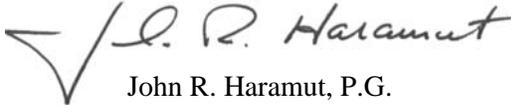
Transducer deployment was successfully completed during August 29-30, 2011 for fifty-seven (57) monitoring wells shown on Figure 1. Water level data and barometric pressure data are being collected every 3 hours. The initial transducer data download, completed October 31, 2011, produced no errors and all transducers appear to be functioning correctly as designed and calibrated for this study. Barometric pressure correction was completed for each transducer using the manufacturer's software.

The project is progressing as scheduled. The remaining download events are currently scheduled for January 23, 2012, April 23, 2012, July 23, 2012, and September 4, 2012.

Sincerely,

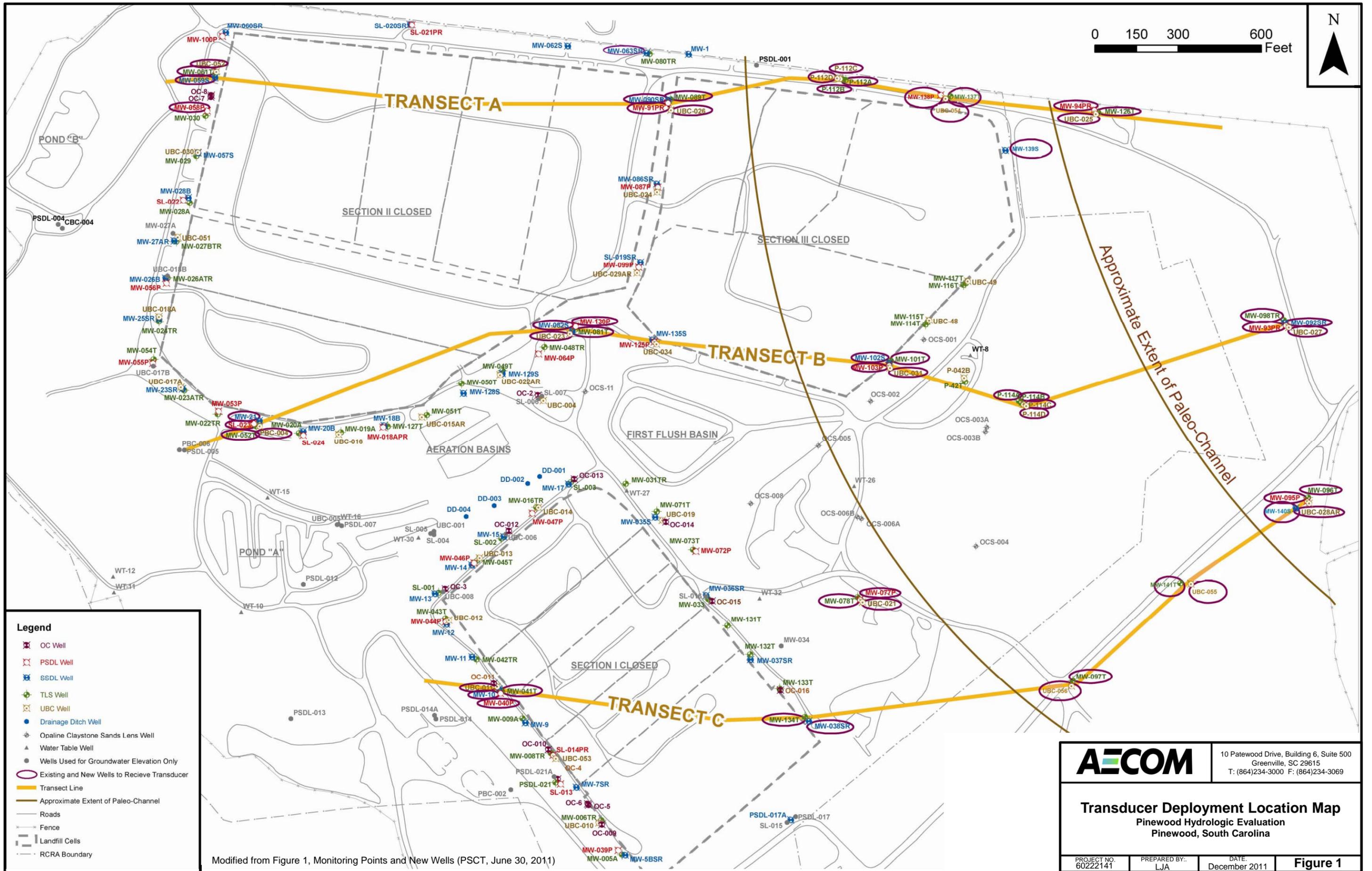
AECOM Technical Services, Inc.


Leslee J. Alexander, P.G.
Task Manager


John R. Haramut, P.G.
Project Manager

\Figure Figure 1 – Transducer Deployment Location Map
\Tables Table 1 – Well and Transducer Information for Deployment
 Table 2 – Raw Data from Transducers – September 1, 2011 – October 31, 2011
 Table 3 – Water Levels Data from Transducers – September 1, 2011 – October 31, 2011
 – Compensated for Barometric Pressure
\Attachment Attachment 1 – Field Forms

FIGURE



0 150 300 600 Feet



- Legend**
- OC Well
 - PSDL Well
 - SSDL Well
 - TLS Well
 - UBC Well
 - Drainage Ditch Well
 - Opaline Claystone Sands Lens Well
 - Water Table Well
 - Wells Used for Groundwater Elevation Only
 - Existing and New Wells to Recieve Transducer
 - Transect Line
 - Approximate Extent of Paleo-Channel
 - Roads
 - Fence
 - Landfill Cells
 - RCRA Boundary

Modified from Figure 1, Monitoring Points and New Wells (PSCT, June 30, 2011)

		10 Patewood Drive, Building 6, Suite 500 Greenville, SC 29615 T: (864)234-3000 F: (864)234-3069	
		Transducer Deployment Location Map Pinewood Hydrologic Evaluation Pinewood, South Carolina	
PROJECT NO. 60222141	PREPARED BY: LJA	DATE: December 2011	Figure 1

TABLES

Table 1
Well and Transducer Information for Deployment
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Well Identification	Water Bearing Screen Zone	X Coordinate	Y Coordinate	TOC Elevation* (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)
Baro	NA	NA	NA	NA	NA	NA	NA	NA	Baro	0	L0479	33.645	NA
MW040P	PSL	2145171.9	675486.56	125.29	91.21	96.21	4	96.21	20	20	H8317	49.170	50.83
MW058P	PSL	2144114.56	677580.64	140.07	88.79	98.79	4	98.79	20	25	H8280	52.005	64.11
MW077P	PSL	2146469.18	675823.7	146.11	115.71	120.71	4	120.71	20	30	K0062	62.746	70.44
MW091PR	PSL	2145775.77	677609.87	160.19	125.78	130.78	4	130.78	20	35	H8285	64.117	85.26
MW093PR	PSL	2148003.88	676809.11	177.27	159.84	164.84	4	164.84	20	40	K0068	59.741	105.87
MW094PR	PSL	2147312.57	677584.03	177.81	163.34	168.34	4	168.34	20	45	K0083	61.919	120.12
MW095P	PSL	2148081.33	676175.54	175.35	153.15	158.15	4	158.15	20	40	H8301	61.047	104.94
MW103P	PSL	2146572.88	676666.69	167.42	135.5	140.5	4	140.5	20	40	H8298	72.044	93.40
MW130P	PSL	2145442.66	676806.48	141.96	112.69	117.69	4	117.69	20	30	K0077	65.502	67.50
MW138P	PSL	2146744.82	677661.89	157.78	144.912	149.912	2	147	20	40	H8294	78.123	87.56
SL023	PSL	2144283.21	676457.69	131.33	90.3	95.3	4	95.3	20	25	H8306	60.233	56.39
MW010	SSL	2145166.69	675501.17	125.82	69.08	79.08	2	79.08	20	20	K0075	56.680	43.15
MW021	SSL	2144303.4	676467.93	131.98	59.97	69.97	2	69.97	20	18	H8283	46.483	47.23
MW038SR	SSL	2146283.47	675387.79	133.19	83.66	88.66	4	88.66	20	25	J4675	61.952	54.43
MW059S	SSL	2144142.71	677701.83	141.25	72.61	82.61	4	82.61	20	22	J4686	42.664	63.16
MW063SR	SSL	2145699.33	677788.45	162.42	116.45	121.45	4	121.45	20	35	H8281	62.369	87.43
MW082S	SSL	2145431.33	676788.68	141.55	86.35	91.35	4	91.35	20	26	J4712	56.037	63.60
MW090SR	SSL	2145777.69	677619.28	160.1	111	116	4	116	20	30	J4684	51.165	84.95
MW092SR	SSL	2148000.32	676819.91	177.58	149.41	154.41	4	154.41	20	40	H8282	59.275	106.07
MW102S	SSL	2146573.55	676674.81	167.72	125.5	130.5	4	130.5	20	35	K0063	57.180	97.72
MW139S	SSL	2147041.82	677389.85	163.42	128.052	133.052	2	130	20	35	H8296	58.993	90.97
MW140S	SSL	2148077.05	676191.09	175.88	145.131	150.131	2	147	20	40	J4674	61.837	104.22
MW041T	TLS	2145178.05	675493.91	125.99	56.36	66.36	4	66.36	20	17	H8293	49.738	40.30
MW052T	TLS	2144290.61	676448.73	131.35	52.54	57.54	4	57.54	20	16	K0076	40.420	46.44
MW061T	TLS	2144144.11	677713.34	141.12	58.4	63.4	4	63.4	20	17	K0058	49.688	40.37
MW078T	TLS	2146459.95	675832.24	145.79	87.69	92.69	4	92.69	20	25	K0066	53.737	62.35
MW081T	TLS	2145441.84	676795.14	141.63	68.55	73.55	4	73.55	20	20	H8284	67.064	32.75
MW089T	TLS	2145785.6	677622.5	160.2	104.21	109.21	4	109.21	20	30	K5689	50.581	82.09
MW096T	TLS	2148083.48	676190.42	175.78	133.27	138.27	4	138.27	20	40	H8300	92.159	73.87
MW097T	TLS	2147236.21	675532.78	161.82	138.72	148.72	4	148.72	20	40	H8308	74.852	90.23
MW098TR	TLS	2147997.25	676829.99	177.65	134.48	139.48	4	139.48	20	40	K0073	62.690	102.84
MW101T	TLS	2146580.31	676683.31	167.96	110.5	120.5	4	120.5	20	34	H3184	54.990	91.34
MW126T	TLS	2147328.09	677574.14	177.15	136	141	4	141	20	40	H3175	61.430	104.65
MW134T	TLS	2416270.52	675401.77	132.94	132.94	77.42	4	77.42	20	20	H3205	59.150	40.93
MW137T	TLS	2146751.47	677660.77	157.63	118.999	128.999	2	126	20	35	H8291	64.951	85.05
MW141T	TLS	2147616.48	675961.84	158.54	121.026	126.026	2	123	20	30	J4705	51.614	81.53

Table 1
Well and Transducer Information for Deployment
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Well Identification	Reference Date	Reference Time	Length of XD cable out of well (feet)	Cap Type	Cable S/N	Deployment Team	Deployment Comments
Baro	8/29/2011	10:26	0.00	NA	NA	SR/LA	
MW040P	8/30/2011	14:08	0.00	Well Wizard	AS6020-1110012	JL/CS	
MW058P	8/29/2011	15:33	0.00	Well Wizard	AS6025-1135044	JL/CS	
MW077P	8/29/2011	9:41	0.00	Rounded top, Slip cap	AS6030-1108030	JL/CS	
MW091PR	8/29/2011	15:34	0.14	Well Wizard	AS6035-1135041	SR/LA	
MW093PR	8/29/2011	12:55	0.00	Well Wizard	AS6040-1032068	SR/LA	Diver TOC should be changed to 177.27 (done on deployment)
MW094PR	8/29/2011	14:01	0.00	Well Wizard	AS6045-1135038	SR/LA	
MW095P	8/30/2011	11:10	0.00	Well Wizard	AS6040-1035005	JL/CS	
MW103P	8/29/2011	11:07	0.00	Well Wizard	AS6040-1032071	SR/LA	
MW130P	8/30/2011	10:20	0.00	Well Wizard	AS6030-1042021	JL/CS	
MW138P	8/29/2011	13:56	0.00	Unknown	AS6040-1032070	JL/CS	
SL023	8/30/2011	9:01	0.00	Well Wizard (w/ 2 pumps)	AS6225-1135045	JL/CS	
MW010	8/30/2011	14:01	0.00	Well Wizard	AS6020-1110019	JL/CS	
MW021	8/30/2011	9:19	0.00	Well Wizard	AS60-1135034	JL/CS	
MW038SR	8/30/2011	13:25	0.00	Well Wizard	AS6025-1135046	JL/CS	
MW059S	8/29/2011	15:21	0.00	Well Wizard	AS6022-1135037	JL/CS	
MW063SR	8/29/2011	14:41	0.14		AS6035-1135043	SR/LA	Replacement well for MW001
MW082S	8/30/2011	9:59	0.00	Well Wizard	AS6026-1135036	JL/CS	
MW090SR	8/29/2011	15:40	0.00	Well Wizard	AS6030-1047025	SR/LA	
MW092SR	8/29/2011	13:01	0.00	Well Wizard	AS6040-1032067	SR/LA	
MW102S	8/29/2011	11:12	0.00	Well Wizard	AS6035-1135042	SR/LA	
MW139S	8/29/2011	14:23	0.00	Unknown	AS6035-1135039	JL/CS	
MW140S	8/30/2011	11:25	0.00	Unknown	AS6040-1034037	JL/CS	
MW041T	8/30/2011	14:14	0.00	Well Wizard	AS6017-1135033	JL/CS	
MW052T	8/30/2011	8:51	0.00	Well Wizard	AS6016-1135032	JL/CS	
MW061T	8/29/2011	15:11	0.00	Well Wizard	AS6017-1135035	JL/CS	
MW078T	8/29/2011	9:49	0.00	Rounded top, Slip cap	AS6025-1135047	JL/CS	
MW081T	8/30/2011	10:09	0.00	Well Wizard	AS6020-1110011	JL/CS	
MW089T	8/29/2011	15:44	0.00	Well Wizard	AS6030-1042023	SR/LA	Diver - Need to change TOC to 160.20 (done on deployment)
MW096T	8/30/2011	11:18	0.00	Well Wizard	AS6040-1035001	JL/CS	
MW097T	8/30/2011	12:28	0.00	Well Wizard	AS6040-1034035	JL/CS	
MW098TR	8/29/2011	13:05	0.00	Well Wizard	AS6040-1032026	SR/LA	
MW101T	8/29/2011	11:17	0.00	Well Wizard	AS6034-1135031	SR/LA	
MW126T	8/29/2011	13:52	0.00	Well Wizard	AS6040-1035002	SR/LA	
MW134T	8/30/2011	13:15	0.00	Well Wizard	AS6020-1110014	JL/CS	
MW137T	8/29/2011	13:46	0.00	Unknown	AS6035-1135040	JL/CS	
MW141T	8/30/2011	12:53	0.00	Unknown	AS6030-1042020	JL/CS	

Table 1
Well and Transducer Information for Deployment
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Well Identification	Water Bearing Screen Zone	X Coordinate	Y Coordinate	TOC Elevation* (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)
P112A	TLS-Channel	2146416.78	677692.79	154.45	130.19	135.19	2	135.19	20	40	H3180	89.131	77.46
P112B	TLS-Channel	2146406.47	677694.36	154.57	139.22	144.22	2	144.22	20	40	H3166	86.624	79.88
P112C	TLS-Channel	2146396.15	677696.62	154.58	157.15	162.15	2	162.15	20	40	H1673	82.595	83.85
P112D	TLS-Channel	2146385.93	677698.94	154.54	169.15	174.15	2	174.15	20	40	H1435	81.932	83.76
P114A	TLS-Channel	2147041.63	676538.83	149.17	119.27	123.27	2	123.27	20	30	H3163	57.326	75.73
P114B	TLS-Channel	2147050.77	676532.02	148.28	134.42	138.42	2	138.42	20	40	H3203	89.436	76.08
P114C	TLS-Channel	2147057.66	676526.4	147.75	154.5	159.5	2	159.5	20	40	H3179	87.894	77.85
P114D	TLS-Channel	2147067.69	676520.47	147.16	167.54	171.99	2	171.99	20	40	J4722	88.166	77.30
PBC004	UBC-A	2144304.42	676448.26	131.47	104.72	108.72	2	108.72	20	30	J4721	73.245	56.59
UBC011	UBC-A	2145159.85	675510.49	125.6	106.41	111.41	4	111.41	20	30	J4694	81.598	51.24
UBC021	UBC-A	2146478.22	675814.99	146.14	135.54	145.54	4	145.54	20	30	J4698	58.891	73.73
UBC023	UBC-A	2145421.56	676779.25	141.25	125	130	4	130	20	30	J4704	65.600	70.86
UBC025	UBC-A	2147318.91	677569.43	178.24	173.34	178.34	4	178.34	20	40	J4716	57.339	108.30
UBC026	UBC-A	2145787.3	677583.7	160.67	130.5	135.5	4	135.5	20	40	J4713	75.430	89.95
UBC027	UBC-A	2148015.08	676802.14	177.3	175.4	180.4	4	180.4	20	40	J4689	58.048	107.92
UBC028AR	UBC-A	2148088.34	676168.88	175.03	165.59	170.59	4	170.59	20	40	J4708	60.978	104.95
UBC031	UBC-A	2146567.96	676657.39	167.1	153.5	158.5	4	158.5	20	40	J4710	69.094	96.53
UBC052	UBC-A	2144148.01	677721.65	140.95	116.36	121.36	4	121.36	20	30	J4695	63.573	69.37
UBC054	UBC-A	2146739.54	677662.61	157.99	152.972	157.972	2	155	20	40	H8313	77.982	87.72
UBC055	UBC-A	2147621.35	675966.24	158.61	139.046	144.046	2	141	20	40	J4703	76.598	89.26
UBC056	UBC-A	2147264.35	675477.52	164.09	145.939	150.939	2	148	20	40	J4699	75.341	90.51

Table 1
Well and Transducer Information for Deployment
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Well Identification	Reference Date	Reference Time	Length of XD cable out of well (feet)	Cap Type	Cable S/N	Deployment Team	Deployment Comments
P112A	8/29/2011	13:18	0.00	Expandable Cap	AS6040-1108025	JL/CS	
P112B	8/29/2011	13:10	0.00	Expandable Cap	AS6040-1108023	JL/CS	Need to Change diver TOC to 154.57 (done on deployment)
P112C	8/29/2011	13:03	0.00	Expandable Cap	AS6040-1108024	JL/CS	
P112D	8/29/2011	12:54	0.00	Expandable Cap	AS6040-1032076	JL/CS	
P114A	8/29/2011	10:49	0.00	Expandable Cap	AS6030-1042017	JL/CS	
P114B	8/29/2011	11:00	0.00	Expandable Cap	AS6040-1032075	JL/CS	
P114C	8/29/2011	11:12	0.00	Expandable Cap	AS6040-1032069	JL/CS	
P114D	8/29/2011	11:19	0.00	Expandable Cap	AS6040-1032074	JL/CS	
PBC004	8/30/2011	9:11	0.00	Well Wizard	AS6030-1042026	JL/CS	
UBC011	8/30/2011	13:50	0.00	Well Wizard	AS6030-1042022	JL/CS	
UBC021	8/29/2011	9:58	0.00	Rounded top, Slip cap	AS6030-1042019	JL/CS	
UBC023	8/30/2011	9:49	0.00	Well Wizard	AS60301042017	JL/CS	
UBC025	8/29/2011	13:52	0.00	Well Wizard	AS6040-1034039	SR/LA	
UBC026	8/29/2011	15:29	0.13	Well Wizard	AS6040-1035004	SR/LA	
UBC027	8/29/2011	12:49	0.00	Well Wizard	AS6040-1032072	SR/LA	
UBC028AR	8/30/2011	10:55	0.00	Well Wizard	AS6040-1035003	JL/CS	
UBC031	8/29/2011	10:56	0.00	Well Wizard	AS6040-1032027	SR/LA	
UBC052	8/29/2011	14:52	0.00	Well Wizard	AS6030-1042024	JL/CS	
UBC054	8/29/2011	14:03	0.00	Unknown	AS6040-1032073	JL/CS	
UBC055	8/30/2011	12:45	0.00	Unknown	AS6040-1034038	JL/CS	
UBC056	8/30/2011	12:16	0.00	Unknown	AS6040-1034036	JL/CS	

Notes:

BTOC - Below Top of Casing

BGS - Below Ground Surface

Col - column

NA - Not available

WL - water level

XD - Transducer

 Indicates a proposed custom cut cable length

 Indicates a cap that was replaced for transducer deployment

 Indicates a well from the proposed deployment list that was replaced prior to XD deployment

 Indicates the well is a replacement for a well in the original proposal

red text indicates as calculated value

1. The 20 m Micro-Diver is model DI 602

* - Site-specific elevation Datum.

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
9/1/2011 0:00	33.980	56.797	46.524	61.952	49.231	49.853	40.503	52.419	43.071	50.169	62.508	63.047	54.085	67.191	56.130	51.041	51.366	64.286	58.725	59.164	62.722
9/1/2011 3:00	33.960	56.776	46.524	61.913	49.201	49.826	40.485	52.406	43.050	50.139	62.487	63.017	54.055	67.155	56.106	51.017	51.333	64.277	58.674	59.104	62.713
9/1/2011 6:00	33.980	56.797	46.563	61.931	49.222	49.853	40.509	52.419	43.071	50.157	62.475	63.026	54.076	67.191	56.118	51.032	51.342	64.277	58.635	59.068	62.758
9/1/2011 9:00	34.004	56.818	46.587	61.952	49.231	49.853	40.539	52.440	43.095	50.187	62.496	63.047	54.097	67.242	56.151	51.050	51.333	64.286	58.611	59.047	62.791
9/1/2011 12:00	33.961	56.776	46.524	61.904	49.170	49.853	40.482	52.406	43.038	50.139	62.433	62.987	54.055	67.179	56.085	51.017	51.279	64.196	58.524	58.951	62.782
9/1/2011 15:00	33.881	56.692	46.458	61.805	49.110	49.739	40.395	52.328	42.960	50.064	62.337	62.905	53.982	67.080	56.009	50.930	51.167	64.108	58.400	58.830	62.713
9/1/2011 18:00	33.844	56.671	46.419	61.775	49.083	49.730	40.383	52.298	42.936	50.037	62.316	62.866	53.943	67.065	55.976	50.903	51.146	64.096	58.328	58.767	62.707
9/1/2011 21:00	33.885	56.701	46.446	61.793	49.071	49.739	40.407	52.316	42.969	50.073	62.349	62.896	53.973	67.080	56.009	50.930	51.146	64.087	58.301	58.746	62.758
9/2/2011 0:00	33.885	56.692	46.470	61.793	49.083	49.748	40.407	52.307	42.948	50.073	62.316	62.896	53.982	67.092	56.009	50.921	51.137	64.078	58.283	58.692	62.776
9/2/2011 3:00	33.868	56.659	46.446	61.754	49.041	49.718	40.383	52.274	42.936	50.037	62.256	62.866	53.952	67.080	55.976	50.912	51.104	64.027	58.193	58.626	62.767
9/2/2011 6:00	33.894	56.692	46.458	61.766	49.071	49.739	40.407	52.298	42.948	50.073	62.274	62.884	53.973	67.104	56.009	50.930	51.113	64.039	58.199	58.617	62.809
9/2/2011 9:00	33.900	56.701	46.485	61.754	49.071	49.748	40.416	52.295	42.960	50.073	62.274	62.884	53.973	67.116	55.997	50.939	51.092	64.027	58.145	58.572	62.827
9/2/2011 12:00	33.865	56.659	46.431	61.715	49.032	49.709	40.374	52.262	42.915	50.028	62.244	62.836	53.931	67.041	55.952	50.876	51.038	63.988	58.076	58.497	62.809
9/2/2011 15:00	33.758	56.587	46.368	61.615	48.972	49.625	40.299	52.157	42.813	49.961	62.105	62.755	53.859	66.978	55.865	50.798	50.942	63.889	57.949	58.385	62.740
9/2/2011 18:00	33.747	56.554	46.313	61.585	48.912	49.595	40.274	52.145	42.813	49.943	62.075	62.725	53.829	66.950	55.844	50.773	50.918	63.880	57.889	58.313	62.731
9/2/2011 21:00	33.814	56.608	46.380	61.636	48.954	49.661	40.320	52.187	42.858	49.989	62.115	62.764	53.880	67.014	55.886	50.807	50.963	63.868	57.889	58.313	62.800
9/3/2011 0:00	33.839	56.629	46.407	61.645	48.963	49.691	40.353	52.199	42.867	50.010	62.130	62.794	53.910	67.053	55.919	50.852	50.984	63.868	57.856	58.292	62.851
9/3/2011 3:00	33.787	56.587	46.368	61.576	48.894	49.643	40.299	52.157	42.822	49.961	62.054	62.734	53.859	66.978	55.844	50.782	50.897	63.820	57.781	58.196	62.827
9/3/2011 6:00	33.793	56.575	46.380	61.576	48.912	49.661	40.308	52.145	42.822	49.970	62.033	62.725	53.859	66.990	55.853	50.792	50.885	63.799	57.733	58.163	62.836
9/3/2011 9:00	33.810	56.596	46.368	61.558	48.924	49.652	40.308	52.166	42.834	49.979	62.024	62.746	53.871	67.002	55.865	50.792	50.876	63.820	57.724	58.142	62.869
9/3/2011 12:00	33.777	56.575	46.328	61.537	48.873	49.634	40.299	52.136	42.801	49.952	61.991	62.704	53.841	66.990	55.844	50.764	50.831	63.769	57.645	58.066	62.851
9/3/2011 15:00	33.752	56.545	46.313	61.498	48.864	49.604	40.265	52.112	42.756	49.925	61.955	62.686	53.808	66.965	55.799	50.728	50.788	63.720	57.585	58.012	62.851
9/3/2011 18:00	33.714	56.512	46.289	61.459	48.804	49.555	40.220	52.070	42.723	49.886	61.895	62.644	53.778	66.914	55.745	50.695	50.743	63.669	57.510	57.949	62.827
9/3/2011 21:00	33.776	56.554	46.353	61.498	48.813	49.604	40.274	52.136	42.777	49.943	61.928	62.686	53.829	66.965	55.799	50.737	50.776	63.699	57.507	57.949	62.896
9/4/2011 0:00	33.766	56.545	46.313	61.477	48.813	49.604	40.253	52.082	42.768	49.934	61.904	62.674	53.820	66.978	55.790	50.728	50.755	63.681	57.483	57.904	62.902
9/4/2011 3:00	33.727	56.512	46.313	61.429	48.774	49.586	40.232	52.070	42.723	49.895	61.853	62.626	53.790	66.950	55.745	50.677	50.701	63.612	57.393	57.829	62.887
9/4/2011 6:00	33.743	56.524	46.313	61.447	48.774	49.595	40.253	52.070	42.744	49.904	61.844	62.635	53.808	66.965	55.766	50.695	50.713	63.621	57.354	57.796	62.920
9/4/2011 9:00	33.777	56.545	46.340	61.447	48.813	49.625	40.265	52.082	42.768	49.925	61.844	62.644	53.829	66.978	55.778	50.719	50.722	63.600	57.351	57.787	62.963
9/4/2011 12:00	33.723	56.500	46.328	61.399	48.774	49.576	40.244	52.049	42.723	49.886	61.790	62.614	53.778	66.926	55.733	50.668	50.668	63.570	57.300	57.721	62.930
9/4/2011 15:00	33.654	56.448	46.250	61.330	48.683	49.489	40.178	51.961	42.641	49.811	61.715	62.536	53.718	66.863	55.658	50.590	50.572	63.471	57.200	57.624	62.878
9/4/2011 18:00	33.668	56.436	46.250	61.309	48.713	49.498	40.178	51.961	42.632	49.820	61.684	62.536	53.706	66.851	55.646	50.581	50.560	63.462	57.143	57.582	62.896
9/4/2011 21:00	33.689	56.458	46.235	61.321	48.713	49.528	40.190	51.973	42.665	49.850	61.715	62.545	53.739	66.914	55.670	50.608	50.560	63.471	57.125	57.567	62.930
9/5/2011 0:00	33.669	56.436	46.250	61.299	48.704	49.498	40.178	51.973	42.641	49.829	61.693	62.524	53.718	66.875	55.636	50.581	50.539	63.441	57.074	57.516	62.920
9/5/2011 3:00	33.635	56.406	46.184	61.251	48.614	49.471	40.133	51.919	42.596	49.793	61.630	62.475	53.676	66.836	55.612	50.539	50.485	63.402	57.017	57.453	62.902
9/5/2011 6:00	33.620	56.385	46.184	61.230	48.596	49.459	40.124	51.907	42.584	49.775	61.588	62.454	53.655	66.824	55.579	50.521	50.452	63.354	56.948	57.393	62.896
9/5/2011 9:00	33.626	56.394	46.172	61.212	48.614	49.450	40.112	51.886	42.575	49.784	61.567	62.454	53.676	66.863	55.591	50.503	50.440	63.342	56.933	57.366	62.920
9/5/2011 12:00	33.578	56.352	46.157	61.173	48.554	49.423	40.103	51.877	42.539	49.736	61.534	62.415	53.625	66.773	55.537	50.470	50.398	63.302	56.848	57.312	62.902
9/5/2011 15:00	33.501	56.277	46.079	61.074	48.476	49.327	40.016	51.781	42.461	49.652	61.429	62.313	53.522	66.710	55.438	50.373	50.298	63.215	56.752	57.203	62.827
9/5/2011 18:00	33.518	56.289	46.094	61.092	48.476	49.366	40.037	51.790	42.473	49.679	61.438	62.325	53.534	66.737	55.450	50.392	50.310	63.224	56.779	57.215	62.869
9/5/2011 21:00	33.533	56.310	46.079	61.083	48.494	49.366	40.049	51.790	42.485	49.691	61.438	62.325	53.564	66.749	55.471	50.382	50.310	63.203	56.770	57.236	62.896
9/6/2011 0:00	33.506	56.277	46.079	61.062	48.455	49.318	40.025	51.769	42.461	49.661	61.387	62.304	53.534	66.698	55.426	50.346	50.256	63.203	56.770	57.227	62.878
9/6/2011 3:00	33.469	56.256	46.055	61.014	48.407	49.279	39.995	51.736	42.428	49.643	61.366	62.253	53.492	66.659	55.393	50.313	50.223	63.125	56.716	57.194	62.842
9/6/2011 6:00	33.485	56.268	46.040	61.014	48.395	49.306	40.004	51.727	42.428	49.652	61.345	62.244	53.501	66.686	55.393	50.313	50.211	63.116	56.731	57.203	62.887
9/6/2011 9:00	33.517	56.289	46.094	61.023	48.425	49.327	40.037	51.769	42.449	49.679	61.366	62.274	53.543	66.686	55.426	50.331	50.232	63.125	56.731	57.248	62.939
9/6/2011 12:00	33.522	56.289	46.067	61.023	48.416	49.327	40.037	51.748	42.440	49.670	61.363	62.274	53.522	66.725	55.417	50.340	50.223	63.143	56.770	57.257	62.957
9/6/2011 15:00	33.491	56.268	46.055	60.993	48.407	49.327	40.016	51.748	42.428	49.661	61.324	62.253	53.501	66.710	55.393	50.313	50.190	63.116	56.779	57.270	62.939
9/6/2011 18:00	33.540	56.310	46.106	61.035	48.437	49.384	40.058	51.781	42.461	49.709	61.354										

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
9/8/2011 21:00	33.679	56.373	46.157	61.014	48.377	49.450	40.145	51.823	42.494	49.802	61.408	62.274	53.655	66.875	55.438	50.340	50.223	63.203	57.257	57.808	63.369
9/9/2011 0:00	33.684	56.385	46.172	61.023	48.395	49.441	40.157	51.811	42.494	49.811	61.417	62.274	53.655	66.875	55.426	50.331	50.232	63.185	57.273	57.841	63.393
9/9/2011 3:00	33.684	56.373	46.184	60.993	48.377	49.441	40.133	51.811	42.473	49.793	61.396	62.253	53.637	66.875	55.405	50.313	50.232	63.194	57.312	57.850	63.393
9/9/2011 6:00	33.694	56.373	46.196	61.014	48.377	49.471	40.145	51.805	42.494	49.811	61.396	62.265	53.646	66.875	55.405	50.313	50.232	63.203	57.330	57.889	63.420
9/9/2011 9:00	33.727	56.415	46.196	61.023	48.407	49.498	40.190	51.811	42.506	49.838	61.438	62.283	53.688	66.914	55.438	50.355	50.277	63.215	57.360	57.943	63.471
9/9/2011 12:00	33.702	56.385	46.184	61.005	48.407	49.459	40.166	51.802	42.485	49.811	61.408	62.244	53.667	66.914	55.405	50.322	50.244	63.215	57.375	57.937	63.462
9/9/2011 15:00	33.658	56.343	46.157	60.954	48.346	49.411	40.124	51.739	42.449	49.775	61.375	62.193	53.615	66.863	55.360	50.277	50.202	63.173	57.375	57.925	63.438
9/9/2011 18:00	33.659	56.352	46.172	60.966	48.337	49.432	40.124	51.757	42.428	49.775	61.375	62.205	53.625	66.863	55.360	50.277	50.211	63.194	57.390	57.958	63.462
9/9/2011 21:00	33.722	56.385	46.196	61.014	48.377	49.480	40.178	51.793	42.485	49.829	61.429	62.235	53.667	66.914	55.405	50.322	50.256	63.224	57.429	58.012	63.531
9/10/2011 0:00	33.737	56.406	46.223	61.023	48.377	49.480	40.190	51.793	42.494	49.838	61.429	62.244	53.688	66.914	55.417	50.322	50.256	63.242	57.468	58.045	63.558
9/10/2011 3:00	33.733	56.406	46.250	61.014	48.407	49.471	40.190	51.805	42.494	49.850	61.438	62.244	53.688	66.938	55.393	50.322	50.265	63.233	57.516	58.082	63.567
9/10/2011 6:00	33.780	56.436	46.250	61.044	48.416	49.528	40.220	51.856	42.530	49.886	61.504	62.265	53.718	66.978	55.417	50.346	50.310	63.284	57.555	58.136	63.609
9/10/2011 9:00	33.808	56.470	46.289	61.074	48.425	49.546	40.244	51.835	42.539	49.904	61.504	62.295	53.739	67.014	55.459	50.373	50.331	63.293	57.594	58.163	63.651
9/10/2011 12:00	33.783	56.436	46.250	61.035	48.416	49.507	40.220	51.805	42.506	49.886	61.492	62.265	53.718	66.978	55.417	50.346	50.298	63.284	57.585	58.169	63.651
9/10/2011 15:00	33.720	56.385	46.211	60.975	48.355	49.471	40.178	51.793	42.461	49.820	61.438	62.214	53.655	66.926	55.351	50.295	50.256	63.242	57.570	58.136	63.627
9/10/2011 18:00	33.736	56.394	46.196	60.993	48.386	49.480	40.178	51.772	42.485	49.838	61.459	62.214	53.676	66.938	55.360	50.286	50.256	63.263	57.591	58.169	63.651
9/10/2011 21:00	33.802	56.427	46.250	61.023	48.407	49.528	40.220	51.805	42.506	49.886	61.483	62.244	53.718	66.990	55.405	50.331	50.310	63.293	57.618	58.202	63.702
9/11/2011 0:00	33.841	56.458	46.313	61.062	48.437	49.564	40.265	51.835	42.539	49.934	61.525	62.274	53.769	67.002	55.426	50.373	50.352	63.342	57.670	58.223	63.763
9/11/2011 3:00	33.830	56.470	46.274	61.062	48.437	49.555	40.253	51.826	42.530	49.922	61.534	62.274	53.748	67.002	55.426	50.346	50.343	63.333	57.654	58.211	63.781
9/11/2011 6:00	33.857	56.491	46.289	61.074	48.455	49.564	40.274	51.859	42.551	49.952	61.555	62.283	53.769	67.041	55.426	50.364	50.364	63.342	57.685	58.211	63.817
9/11/2011 9:00	33.891	56.524	46.340	61.104	48.485	49.604	40.308	51.859	42.596	49.979	61.576	62.325	53.799	67.080	55.459	50.401	50.398	63.384	57.654	58.211	63.868
9/11/2011 12:00	33.859	56.491	46.313	61.083	48.437	49.576	40.299	51.847	42.551	49.961	61.555	62.283	53.778	67.041	55.438	50.364	50.373	63.342	57.609	58.169	63.859
9/11/2011 15:00	33.795	56.427	46.262	61.014	48.386	49.537	40.220	51.784	42.494	49.886	61.504	62.223	53.706	66.990	55.372	50.304	50.310	63.293	57.561	58.082	63.817
9/11/2011 18:00	33.789	56.427	46.250	61.005	48.377	49.498	40.220	51.793	42.461	49.895	61.504	62.205	53.706	67.002	55.339	50.286	50.298	63.272	57.534	58.051	63.817
9/11/2011 21:00	33.848	56.470	46.313	61.062	48.416	49.555	40.265	51.826	42.518	49.943	61.546	62.265	53.757	67.029	55.405	50.331	50.352	63.323	57.561	58.082	63.883
9/12/2011 0:00	33.879	56.479	46.328	61.074	48.416	49.564	40.274	51.835	42.530	49.961	61.552	62.265	53.790	67.053	55.405	50.346	50.364	63.333	57.555	58.082	63.919
9/12/2011 3:00	33.846	56.448	46.274	61.023	48.395	49.546	40.253	51.784	42.506	49.934	61.510	62.223	53.748	67.029	55.351	50.313	50.331	63.293	57.516	58.060	63.901
9/12/2011 6:00	33.853	56.470	46.274	61.053	48.416	49.555	40.274	51.814	42.518	49.943	61.552	62.235	53.748	67.041	55.384	50.313	50.343	63.284	57.546	58.082	63.928
9/12/2011 9:00	33.891	56.500	46.328	61.083	48.455	49.586	40.299	51.835	42.539	49.979	61.546	62.253	53.799	67.080	55.405	50.355	50.364	63.302	57.567	58.115	63.979
9/12/2011 12:00	33.859	56.458	46.274	61.035	48.386	49.546	40.253	51.760	42.485	49.934	61.504	62.205	53.748	67.014	55.360	50.304	50.319	63.254	57.540	58.060	63.961
9/12/2011 15:00	33.757	56.373	46.211	60.945	48.325	49.471	40.178	51.697	42.416	49.847	61.408	62.115	53.655	66.926	55.273	50.199	50.223	63.185	57.468	57.997	63.892
9/12/2011 18:00	33.757	56.364	46.211	60.954	48.325	49.450	40.178	51.697	42.404	49.859	61.417	62.102	53.646	66.965	55.252	50.190	50.223	63.185	57.483	58.006	63.901
9/12/2011 21:00	33.830	56.415	46.262	60.993	48.346	49.519	40.232	51.718	42.449	49.904	61.456	62.163	53.706	67.002	55.306	50.244	50.277	63.203	57.510	58.060	63.961
9/13/2011 0:00	33.835	56.409	46.262	60.975	48.346	49.489	40.220	51.718	42.449	49.904	61.429	62.154	53.706	66.978	55.306	50.235	50.265	63.215	57.522	58.073	63.970
9/13/2011 3:00	33.803	56.388	46.235	60.945	48.316	49.480	40.199	51.709	42.428	49.886	61.396	62.124	53.676	66.950	55.264	50.208	50.244	63.194	57.495	58.060	63.961
9/13/2011 6:00	33.803	56.400	46.223	60.966	48.337	49.480	40.199	51.685	42.428	49.886	61.426	62.102	53.676	66.978	55.273	50.199	50.244	63.194	57.540	58.082	63.988
9/13/2011 9:00	33.835	56.427	46.262	60.984	48.346	49.498	40.232	51.718	42.428	49.904	61.459	62.133	53.688	66.965	55.297	50.208	50.256	63.203	57.546	58.115	64.021
9/13/2011 12:00	33.794	56.379	46.235	60.954	48.316	49.489	40.199	51.685	42.404	49.877	61.417	62.115	53.667	66.965	55.264	50.190	50.232	63.185	57.537	58.106	64.021
9/13/2011 15:00	33.736	56.334	46.184	60.884	48.256	49.432	40.157	51.643	42.338	49.829	61.354	62.033	53.603	66.914	55.197	50.130	50.178	63.143	57.498	58.060	63.979
9/13/2011 18:00	33.761	56.346	46.196	60.896	48.238	49.441	40.166	51.643	42.350	49.838	61.384	62.042	53.615	66.926	55.185	50.130	50.178	63.134	57.507	58.094	63.997
9/13/2011 21:00	33.804	56.358	46.196	60.915	48.286	49.471	40.190	51.664	42.383	49.886	61.426	62.072	53.646	66.950	55.218	50.157	50.211	63.194	57.567	58.127	64.048
9/14/2011 0:00	33.804	56.358	46.223	60.924	48.268	49.480	40.199	51.634	42.371	49.877	61.405	62.063	53.646	66.938	55.218	50.166	50.223	63.173	57.555	58.136	64.057
9/14/2011 3:00	33.771	56.334	46.196	60.896	48.247	49.450	40.166	51.643	42.350	49.838	61.384	62.033	53.625	66.938	55.185	50.121	50.178	63.155	57.555	58.136	64.057
9/14/2011 6:00	33.807	56.367	46.262	60.924	48.268	49.450	40.199	51.643	42.383	49.877	61.417	62.042	53.643	66.978	55.206	50.148	50.202	63.185	57.606	58.181	64.099
9/14/2011 9:00	33.825	56.379	46.250	60.936	48.298	49.480	40.220	51.685	42.395	49.895	61.435	62.063	53.667	66.978	55.206	50.166	50.211	63.194	57.633	58.190	64.132
9/14/2011 12:00	33.771	56.334	46.211	60.884	48.217	49.459	40.190	51.634	42.350	49.847	61.384	62.003	53.625	66.965	55.173	50.115	50.178	63.125	57.576	58.169	64.108
9/14/2011 15:00	33.723	56.283	46.157	60.827	48.187	49.384	40.133	51.													

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
9/16/2011 18:00	34.052	56.548	46.392	61.074	48.398	49.691	40.428	51.772	42.530	50.076	61.585	62.175	53.838	67.179	55.321	50.295	50.398	63.342	57.979	58.536	64.626
9/16/2011 21:00	34.090	56.590	46.458	61.104	48.416	49.709	40.449	51.844	42.551	50.112	61.615	62.205	53.856	67.191	55.342	50.313	50.419	63.363	57.979	58.566	64.668
9/17/2011 0:00	34.077	56.560	46.458	61.092	48.407	49.691	40.437	51.802	42.518	50.094	61.573	62.175	53.838	67.191	55.333	50.286	50.398	63.354	57.988	58.536	64.668
9/17/2011 3:00	34.040	56.527	46.419	61.053	48.368	49.661	40.407	51.748	42.494	50.055	61.564	62.133	53.796	67.155	55.300	50.262	50.364	63.333	57.949	58.515	64.641
9/17/2011 6:00	34.063	56.548	46.458	61.074	48.395	49.673	40.416	51.802	42.518	50.076	61.585	62.154	53.826	67.179	55.309	50.268	50.385	63.354	57.991	58.530	64.683
9/17/2011 9:00	34.094	56.590	46.509	61.104	48.416	49.700	40.437	51.790	42.539	50.112	61.615	62.175	53.856	67.218	55.333	50.295	50.419	63.393	58.018	58.566	64.728
9/17/2011 12:00	34.088	56.569	46.458	61.104	48.425	49.709	40.437	51.802	42.530	50.103	61.594	62.175	53.838	67.218	55.333	50.286	50.407	63.384	58.012	58.572	64.737
9/17/2011 15:00	34.040	56.536	46.392	61.044	48.377	49.661	40.395	51.748	42.473	50.055	61.552	62.115	53.796	67.191	55.255	50.244	50.364	63.354	57.979	58.518	64.701
9/17/2011 18:00	34.042	56.539	46.419	61.044	48.386	49.652	40.395	51.748	42.473	50.076	61.543	62.102	53.796	67.167	55.267	50.235	50.364	63.354	57.988	58.539	64.719
9/17/2011 21:00	34.090	56.572	46.446	61.092	48.407	49.721	40.437	51.769	42.506	50.112	61.585	62.133	53.838	67.218	55.300	50.277	50.407	63.384	58.018	58.572	64.779
9/18/2011 0:00	34.090	56.560	46.458	61.074	48.395	49.691	40.437	51.769	42.506	50.103	61.573	62.133	53.838	67.206	55.288	50.268	50.398	63.393	58.027	58.566	64.797
9/18/2011 3:00	34.083	56.560	46.446	61.062	48.377	49.700	40.407	51.748	42.494	50.103	61.564	62.124	53.817	67.167	55.267	50.262	50.398	63.342	58.036	58.566	64.797
9/18/2011 6:00	34.085	56.560	46.458	61.062	48.368	49.691	40.416	51.769	42.494	50.112	61.594	62.124	53.808	67.206	55.279	50.262	50.398	63.354	58.027	58.566	64.824
9/18/2011 9:00	34.122	56.602	46.485	61.104	48.425	49.721	40.449	51.781	42.530	50.151	61.615	62.145	53.847	67.230	55.300	50.286	50.419	63.402	58.066	58.617	64.866
9/18/2011 12:00	34.113	56.581	46.470	61.083	48.377	49.709	40.449	51.790	42.518	50.139	61.585	62.145	53.838	67.242	55.279	50.268	50.407	63.372	58.057	58.599	64.872
9/18/2011 15:00	34.058	56.539	46.458	61.035	48.346	49.682	40.407	51.736	42.473	50.094	61.531	62.084	53.796	67.167	55.233	50.217	50.364	63.342	58.027	58.557	64.839
9/18/2011 18:00	34.046	56.530	46.434	61.023	48.316	49.652	40.395	51.715	42.440	50.085	61.543	62.063	53.775	67.143	55.212	50.199	50.352	63.314	58.006	58.557	64.848
9/18/2011 21:00	34.079	56.551	46.422	61.053	48.355	49.673	40.395	51.748	42.473	50.094	61.564	62.072	53.796	67.155	55.221	50.208	50.373	63.333	58.021	58.590	64.881
9/19/2011 0:00	34.052	56.530	46.422	61.014	48.316	49.652	40.395	51.736	42.449	50.064	61.531	62.042	53.757	67.155	55.200	50.190	50.352	63.293	58.027	58.557	64.866
9/19/2011 3:00	34.014	56.488	46.383	60.984	48.277	49.604	40.353	51.682	42.404	50.037	61.510	62.003	53.736	67.128	55.146	50.139	50.319	63.284	57.979	58.536	64.848
9/19/2011 6:00	34.031	56.509	46.407	61.005	48.295	49.625	40.362	51.673	42.416	50.055	61.531	62.024	53.724	67.155	55.167	50.157	50.331	63.293	57.997	58.536	64.872
9/19/2011 9:00	34.031	56.497	46.383	61.005	48.295	49.613	40.362	51.673	42.416	50.064	61.498	62.012	53.736	67.128	55.167	50.166	50.319	63.302	58.018	58.545	64.899
9/19/2011 12:00	33.977	56.442	46.328	60.936	48.247	49.567	40.308	51.640	42.359	50.007	61.456	61.943	53.673	67.092	55.101	50.097	50.265	63.254	57.967	58.503	64.857
9/19/2011 15:00	33.902	56.379	46.277	60.875	48.166	49.507	40.253	51.555	42.280	49.952	61.384	61.883	53.612	67.029	55.035	50.019	50.202	63.203	57.910	58.439	64.806
9/19/2011 18:00	33.896	56.358	46.277	60.854	48.157	49.498	40.232	51.555	42.268	49.943	61.363	61.844	53.582	67.002	55.014	50.010	50.190	63.164	57.889	58.427	64.797
9/19/2011 21:00	33.912	56.379	46.304	60.884	48.166	49.498	40.253	51.555	42.305	49.961	61.372	61.874	53.603	67.029	55.026	50.028	50.211	63.185	57.910	58.448	64.839
9/20/2011 0:00	33.895	56.358	46.265	60.866	48.148	49.480	40.232	51.522	42.268	49.934	61.372	61.844	53.582	66.990	55.014	50.001	50.190	63.164	57.910	58.442	64.824
9/20/2011 3:00	33.875	56.337	46.265	60.836	48.127	49.489	40.211	51.510	42.265	49.922	61.363	61.814	53.561	66.978	54.981	49.973	50.169	63.143	57.871	58.421	64.812
9/20/2011 6:00	33.883	56.337	46.265	60.836	48.127	49.480	40.220	51.510	42.256	49.922	61.372	61.823	53.570	67.014	54.981	49.983	50.169	63.164	57.880	58.439	64.830
9/20/2011 9:00	33.939	56.391	46.316	60.906	48.166	49.537	40.287	51.555	42.314	49.989	61.414	61.883	53.622	67.065	55.047	50.043	50.232	63.203	57.949	58.497	64.908
9/20/2011 12:00	33.927	56.379	46.313	60.866	48.148	49.498	40.274	51.531	42.292	49.979	61.405	61.853	53.591	67.029	55.014	50.019	50.211	63.194	57.949	58.469	64.908
9/20/2011 15:00	33.869	56.328	46.238	60.815	48.118	49.459	40.220	51.468	42.235	49.913	61.330	61.793	53.540	66.978	54.948	49.958	50.169	63.134	57.901	58.439	64.857
9/20/2011 18:00	33.885	56.337	46.238	60.836	48.109	49.471	40.232	51.501	42.235	49.934	61.351	61.793	53.552	66.965	54.981	49.964	50.157	63.143	57.895	58.460	64.899
9/20/2011 21:00	33.912	56.370	46.277	60.866	48.127	49.498	40.253	51.510	42.277	49.952	61.393	61.814	53.582	67.002	54.993	49.992	50.202	63.164	57.940	58.482	64.935
9/21/2011 0:00	33.918	56.358	46.265	60.845	48.118	49.507	40.253	51.510	42.268	49.952	61.384	61.802	53.570	67.014	54.993	49.973	50.190	63.173	57.949	58.488	64.944
9/21/2011 3:00	33.895	56.337	46.274	60.827	48.109	49.459	40.232	51.501	42.241	49.922	61.372	61.772	53.540	67.002	54.948	49.949	50.169	63.134	57.925	58.448	64.926
9/21/2011 6:00	33.904	56.349	46.238	60.845	48.097	49.471	40.232	51.480	42.241	49.943	61.351	61.793	53.552	67.002	54.960	49.958	50.178	63.143	57.934	58.482	64.960
9/21/2011 9:00	33.929	56.358	46.289	60.866	48.148	49.507	40.253	51.510	42.277	49.970	61.372	61.814	53.570	67.041	54.993	49.983	50.202	63.173	57.967	58.515	65.005
9/21/2011 12:00	33.885	56.328	46.235	60.815	48.097	49.450	40.220	51.480	42.220	49.922	61.339	61.754	53.540	66.978	54.936	49.940	50.148	63.125	57.910	58.482	64.978
9/21/2011 15:00	33.816	56.274	46.196	60.767	48.037	49.402	40.178	51.426	42.163	49.868	61.296	61.702	53.468	66.914	54.882	49.880	50.103	63.086	57.898	58.427	64.923
9/21/2011 18:00	33.844	56.274	46.196	60.785	48.049	49.441	40.190	51.435	42.166	49.886	61.296	61.712	53.468	66.950	54.894	49.889	50.115	63.074	57.910	58.439	64.969
9/21/2011 21:00	33.939	56.370	46.289	60.854	48.118	49.507	40.287	51.510	42.265	49.970	61.372	61.793	53.570	67.041	54.981	49.973	50.202	63.164	57.979	58.515	65.056
9/22/2011 0:00	33.917	56.358	46.301	60.836	48.097	49.489	40.265	51.489	42.241	49.952	61.351	61.763	53.540	67.014	54.960	49.940	50.169	63.143	57.979	58.509	65.053
9/22/2011 3:00	33.917	56.349	46.289	60.827	48.097	49.489	40.253	51.501	42.241	49.961	61.351	61.763	53.540	67.014	54.948	49.940	50.190	63.164	57.967	58.515	65.071
9/22/2011 6:00	33.927	56.358	46.301	60.836	48.097	49.498	40.265	51.489	42.229	49.961	61.339	61.763	53.552	67.014	54.948	49.949	50.202	63.143	57.988	58.515	65.080
9/22/2011 9:00	33.977	56.400	46.340	60.884	48.166	49.555	40.308	51.522	42.286	50.019	61.414	61.814	53.603	67.092	55.002	49.992	50.244	63.203	58.036	58.557	65.158
9/22/2011 12:00	33.975	56.421	46.328	60.884	48.157	49.537	40.32														

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
9/24/2011 15:00	33.697	56.244	46.109	60.707	47.968	49.423	40.178	51.309	42.061	49.850	61.254	61.453	53.276	66.824	54.680	49.679	50.049	63.047	57.958	58.503	65.113
9/24/2011 18:00	33.744	56.295	46.133	60.758	47.980	49.471	40.220	51.351	42.118	49.895	61.287	61.483	53.327	66.875	54.725	49.733	50.103	63.077	57.988	58.536	65.176
9/24/2011 21:00	33.788	56.316	46.211	60.776	48.010	49.480	40.253	51.351	42.139	49.925	61.318	61.531	53.357	66.926	54.746	49.766	50.124	63.107	58.036	58.566	65.209
9/25/2011 0:00	33.793	56.328	46.226	60.776	48.028	49.498	40.253	51.384	42.151	49.943	61.318	61.531	53.369	66.950	54.758	49.775	50.136	63.116	58.036	58.590	65.245
9/25/2011 3:00	33.766	56.295	46.160	60.746	48.010	49.441	40.232	51.363	42.130	49.904	61.287	61.483	53.327	66.926	54.725	49.733	50.091	63.086	58.018	58.566	65.227
9/25/2011 6:00	33.788	56.328	46.199	60.776	48.019	49.489	40.265	51.372	42.139	49.934	61.309	61.501	53.357	66.938	54.746	49.766	50.115	63.137	58.060	58.599	65.269
9/25/2011 9:00	33.825	56.349	46.211	60.806	48.037	49.507	40.287	51.393	42.175	49.989	61.339	61.543	53.387	66.965	54.791	49.802	50.157	63.128	58.091	58.620	65.329
9/25/2011 12:00	33.803	56.316	46.211	60.767	48.037	49.489	40.265	51.351	42.139	49.952	61.330	61.513	53.369	66.938	54.770	49.775	50.124	63.107	58.082	58.611	65.305
9/25/2011 15:00	33.707	56.232	46.133	60.677	47.949	49.393	40.190	51.309	42.049	49.850	61.245	61.411	53.255	66.851	54.659	49.679	50.049	63.029	57.991	58.557	65.227
9/25/2011 18:00	33.733	56.274	46.160	60.728	47.971	49.402	40.211	51.351	42.094	49.877	61.275	61.453	53.297	66.887	54.692	49.715	50.070	63.068	58.042	58.572	65.278
9/25/2011 21:00	33.798	56.391	46.238	60.827	48.088	49.507	40.341	51.447	42.175	49.961	61.372	61.501	53.348	66.950	54.758	49.766	50.136	63.176	58.190	58.734	65.347
9/26/2011 0:00	33.760	56.358	46.172	60.815	48.067	49.498	40.320	51.426	42.151	49.925	61.339	61.462	53.306	66.875	54.713	49.724	50.115	63.146	58.139	58.695	65.311
9/26/2011 3:00	33.743	56.358	46.211	60.806	48.037	49.498	40.308	51.405	42.151	49.913	61.351	61.441	53.297	66.887	54.704	49.706	50.115	63.167	58.154	58.695	65.320
9/26/2011 6:00	33.760	56.358	46.211	60.836	48.079	49.519	40.329	51.393	42.163	49.952	61.351	61.462	53.306	66.914	54.713	49.724	50.148	63.176	58.199	58.719	65.347
9/26/2011 9:00	33.771	56.370	46.235	60.845	48.079	49.537	40.353	51.405	42.163	49.970	61.384	61.462	53.318	66.926	54.725	49.748	50.178	63.185	58.199	58.728	65.372
9/26/2011 12:00	33.754	56.349	46.235	60.815	48.040	49.519	40.329	51.384	42.151	49.943	61.351	61.432	53.297	66.902	54.704	49.715	50.148	63.146	58.181	58.719	65.372
9/26/2011 15:00	33.700	56.295	46.184	60.776	48.019	49.459	40.299	51.372	42.094	49.895	61.296	61.372	53.246	66.875	54.659	49.670	50.115	63.107	58.145	58.686	65.338
9/26/2011 18:00	33.743	56.343	46.223	60.815	48.037	49.519	40.320	51.393	42.151	49.934	61.363	61.423	53.285	66.914	54.692	49.706	50.157	63.176	58.208	58.728	65.390
9/26/2011 21:00	33.707	56.307	46.196	60.776	48.028	49.489	40.287	51.384	42.094	49.904	61.318	61.381	53.246	66.875	54.659	49.670	50.124	63.137	58.160	58.695	65.357
9/27/2011 0:00	33.706	56.301	46.184	60.758	48.019	49.489	40.274	51.351	42.094	49.904	61.287	61.363	53.246	66.851	54.650	49.670	50.115	63.116	58.181	58.695	65.366
9/27/2011 3:00	33.684	56.289	46.196	60.746	47.998	49.450	40.253	51.330	42.049	49.886	61.269	61.351	53.215	66.863	54.626	49.646	50.082	63.086	58.166	58.707	65.357
9/27/2011 6:00	33.712	56.322	46.211	60.797	48.040	49.489	40.308	51.363	42.118	49.925	61.339	61.381	53.255	66.887	54.659	49.688	50.136	63.155	58.199	58.743	65.417
9/27/2011 9:00	33.743	56.343	46.223	60.815	48.058	49.519	40.329	51.393	42.139	49.943	61.354	61.402	53.285	66.902	54.692	49.706	50.148	63.143	58.247	58.770	65.459
9/27/2011 12:00	33.729	56.322	46.235	60.785	48.019	49.498	40.308	51.393	42.106	49.934	61.330	61.381	53.255	66.902	54.680	49.697	50.136	63.137	58.247	58.749	65.459
9/27/2011 15:00	33.643	56.247	46.157	60.707	47.971	49.411	40.244	51.297	42.040	49.850	61.266	61.312	53.182	66.824	54.605	49.637	50.049	63.065	58.181	58.707	65.408
9/27/2011 18:00	33.652	56.247	46.172	60.716	47.949	49.411	40.232	51.330	42.040	49.850	61.257	61.290	53.173	66.839	54.593	49.619	50.061	63.056	58.193	58.707	65.390
9/27/2011 21:00	33.668	56.247	46.133	60.707	47.958	49.432	40.244	51.309	42.040	49.859	61.275	61.302	53.173	66.836	54.605	49.628	50.082	63.074	58.181	58.728	65.426
9/28/2011 0:00	33.695	56.256	46.172	60.746	47.971	49.441	40.265	51.339	42.049	49.886	61.269	61.342	53.203	66.863	54.626	49.646	50.103	63.068	58.220	58.749	65.468
9/28/2011 3:00	33.658	56.235	46.157	60.707	47.949	49.402	40.232	51.309	42.028	49.859	61.248	61.302	53.173	66.824	54.593	49.610	50.070	63.056	58.214	58.728	65.441
9/28/2011 6:00	33.673	56.247	46.157	60.728	47.980	49.402	40.253	51.339	42.061	49.877	61.269	61.312	53.194	66.863	54.605	49.628	50.103	63.074	58.238	58.770	65.477
9/28/2011 9:00	33.690	56.268	46.184	60.746	47.989	49.459	40.274	51.363	42.061	49.886	61.302	61.333	53.215	66.863	54.626	49.646	50.103	63.065	58.262	58.794	65.501
9/28/2011 12:00	33.669	56.235	46.172	60.707	47.980	49.411	40.253	51.309	42.028	49.859	61.269	61.290	53.182	66.863	54.593	49.628	50.070	63.074	58.235	58.770	65.510
9/28/2011 15:00	33.600	56.184	46.106	60.659	47.940	49.375	40.190	51.276	41.971	49.793	61.194	61.230	53.122	66.788	54.554	49.576	50.028	63.014	58.214	58.740	65.450
9/28/2011 18:00	33.604	56.172	46.055	60.659	47.919	49.327	40.199	51.276	41.959	49.802	61.206	61.230	53.122	66.773	54.542	49.567	50.016	63.026	58.205	58.749	65.450
9/28/2011 21:00	33.620	56.172	46.094	60.677	47.949	49.375	40.211	51.297	41.965	49.802	61.233	61.242	53.131	66.812	54.551	49.576	50.040	63.035	58.238	58.770	65.486
9/29/2011 0:00	33.641	56.205	46.133	60.677	47.940	49.375	40.220	51.297	41.989	49.829	61.248	61.260	53.143	66.836	54.584	49.610	50.061	63.044	58.238	58.770	65.528
9/29/2011 3:00	33.608	56.163	46.106	60.638	47.919	49.336	40.190	51.255	41.944	49.793	61.194	61.221	53.113	66.836	54.542	49.567	50.016	63.014	58.229	58.770	65.501
9/29/2011 6:00	33.636	56.193	46.145	60.677	47.958	49.366	40.220	51.297	41.989	49.820	61.236	61.242	53.143	66.851	54.563	49.601	50.049	63.044	58.298	58.815	65.552
9/29/2011 9:00	33.668	56.226	46.145	60.707	47.998	49.384	40.253	51.330	42.013	49.859	61.278	61.272	53.164	66.875	54.596	49.628	50.082	63.095	58.328	58.848	65.588
9/29/2011 12:00	33.642	56.184	46.106	60.668	47.949	49.354	40.220	51.297	41.977	49.820	61.257	61.242	53.131	66.863	54.563	49.592	50.049	63.065	58.298	58.836	65.579
9/29/2011 15:00	33.566	56.121	46.040	60.599	47.907	49.306	40.157	51.234	41.920	49.745	61.185	61.170	53.071	66.800	54.500	49.522	49.983	63.005	58.247	58.782	65.510
9/29/2011 18:00	33.555	56.100	46.040	60.599	47.898	49.297	40.133	51.222	41.899	49.736	61.173	61.161	53.050	66.773	54.476	49.513	49.973	62.996	58.259	58.794	65.519
9/29/2011 21:00	33.609	56.142	46.118	60.647	47.937	49.327	40.178	51.255	41.944	49.784	61.227	61.200	53.092	66.824	54.530	49.567	50.016	63.014	58.298	58.848	65.570
9/30/2011 0:00	33.614	56.130	46.079	60.629	47.928	49.345	40.190	51.234	41.944	49.784	61.194	61.191	53.101	66.836	54.530	49.558	50.028	63.026	58.328	58.848	65.588
9/30/2011 3:00	33.581	56.100	46.067	60.590	47.907	49.279	40.145	51.213	41.911	49.763	61.164	61.161	53.062	66.800	54.500	49.522	49.995	62.987	58.292	58.824	65.570
9/30/2011 6:00	33.581	56.109	46.055	60.608	47.919	49.288	40.157	51.222	41.911	49.754	61.194	61.161	53.062	66.800	54.476	49.531	49.995	62.996	58.316	58.836	65.579
9/30/2011 9:00	33.593	56.130	46.067	60.629	47.907	49.297	40.16														

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
10/2/2011 12:00	33.835	56.289	46.250	60.827	48.136	49.480	40.341	51.447	42.103	49.952	61.429	61.354	53.276	67.041	54.719	49.775	50.244	63.254	58.710	59.245	66.069
10/2/2011 15:00	33.771	56.235	46.199	60.785	48.097	49.432	40.299	51.393	42.058	49.904	61.408	61.306	53.215	66.990	54.662	49.715	50.202	63.215	58.689	59.212	66.033
10/2/2011 18:00	33.798	56.268	46.250	60.806	48.109	49.441	40.308	51.393	42.067	49.943	61.408	61.324	53.246	67.002	54.686	49.739	50.223	63.242	58.704	59.245	66.087
10/2/2011 21:00	33.862	56.322	46.289	60.854	48.157	49.489	40.341	51.447	42.112	49.989	61.483	61.393	53.297	67.053	54.740	49.802	50.289	63.293	58.743	59.300	66.147
10/3/2011 0:00	33.898	56.343	46.304	60.896	48.178	49.528	40.374	51.513	42.148	50.028	61.504	61.411	53.330	67.092	54.782	49.826	50.319	63.302	58.809	59.342	66.190
10/3/2011 3:00	33.910	56.343	46.304	60.906	48.187	49.537	40.395	51.513	42.157	50.037	61.504	61.411	53.330	67.104	54.794	49.844	50.331	63.333	58.812	59.354	66.214
10/3/2011 6:00	33.952	56.385	46.356	60.924	48.238	49.576	40.428	51.501	42.181	50.073	61.546	61.453	53.369	67.128	54.815	49.871	50.364	63.372	58.866	59.396	66.268
10/3/2011 9:00	33.991	56.427	46.368	60.966	48.265	49.595	40.461	51.567	42.205	50.112	61.588	61.492	53.399	67.179	54.873	49.913	50.398	63.414	58.906	59.438	66.319
10/3/2011 12:00	33.958	56.394	46.328	60.945	48.247	49.576	40.449	51.555	42.193	50.082	61.573	61.465	53.381	67.155	54.840	49.886	50.398	63.393	58.897	59.438	66.310
10/3/2011 15:00	33.880	56.322	46.289	60.866	48.187	49.507	40.374	51.468	42.124	50.007	61.504	61.375	53.309	67.065	54.761	49.826	50.319	63.333	58.836	59.396	66.259
10/3/2011 18:00	33.906	56.352	46.316	60.906	48.196	49.537	40.395	51.501	42.157	50.046	61.534	61.414	53.330	67.080	54.794	49.844	50.343	63.354	58.875	59.408	66.292
10/3/2011 21:00	33.970	56.406	46.356	60.954	48.256	49.586	40.428	51.534	42.193	50.091	61.627	61.474	53.369	67.155	54.840	49.895	50.398	63.414	58.936	59.471	66.343
10/4/2011 0:00	34.002	56.427	46.383	60.975	48.286	49.604	40.461	51.567	42.205	50.112	61.588	61.486	53.411	67.179	54.861	49.931	50.431	63.423	58.966	59.492	66.379
10/4/2011 3:00	34.008	56.436	46.422	60.984	48.286	49.613	40.461	51.588	42.226	50.121	61.618	61.504	53.411	67.206	54.882	49.931	50.431	63.432	58.975	59.537	66.403
10/4/2011 6:00	34.050	56.448	46.407	61.014	48.316	49.652	40.491	51.597	42.259	50.157	61.648	61.534	53.441	67.218	54.906	49.964	50.485	63.462	59.023	59.579	66.463
10/4/2011 9:00	34.088	56.500	46.485	61.053	48.377	49.673	40.536	51.643	42.283	50.196	61.702	61.576	53.501	67.242	54.948	50.019	50.527	63.513	59.083	59.621	66.523
10/4/2011 12:00	34.058	56.470	46.446	61.035	48.346	49.643	40.503	51.610	42.271	50.166	61.663	61.534	53.471	67.242	54.915	49.983	50.485	63.483	59.077	59.600	66.508
10/4/2011 15:00	33.983	56.406	46.368	60.975	48.295	49.576	40.437	51.555	42.205	50.082	61.627	61.465	53.399	67.155	54.849	49.913	50.419	63.423	59.008	59.567	66.457
10/4/2011 18:00	33.985	56.406	46.368	60.984	48.265	49.586	40.437	51.543	42.205	50.112	61.648	61.465	53.399	67.155	54.849	49.913	50.440	63.441	59.035	59.558	66.472
10/4/2011 21:00	34.035	56.427	46.419	61.014	48.316	49.625	40.470	51.588	42.238	50.139	61.669	61.495	53.432	67.191	54.882	49.955	50.473	63.462	59.053	59.621	66.517
10/5/2011 0:00	34.049	56.458	46.431	61.035	48.325	49.613	40.482	51.610	42.250	50.157	61.669	61.504	53.441	67.191	54.894	49.964	50.485	63.483	59.074	59.633	66.541
10/5/2011 3:00	34.050	56.436	46.431	61.044	48.325	49.634	40.470	51.597	42.250	50.166	61.669	61.504	53.432	67.206	54.894	49.964	50.485	63.492	59.092	59.642	66.559
10/5/2011 6:00	34.092	56.470	46.458	61.074	48.377	49.673	40.524	51.631	42.283	50.196	61.690	61.546	53.471	67.230	54.927	50.001	50.527	63.522	59.104	59.688	66.593
10/5/2011 9:00	34.117	56.500	46.470	61.083	48.407	49.682	40.536	51.652	42.305	50.214	61.736	61.576	53.501	67.257	54.948	50.034	50.560	63.531	59.152	59.709	66.653
10/5/2011 12:00	34.068	56.458	46.431	61.044	48.377	49.661	40.515	51.619	42.250	50.187	61.678	61.525	53.450	67.230	54.915	49.992	50.515	63.522	59.152	59.697	66.620
10/5/2011 15:00	33.987	56.394	46.380	60.984	48.325	49.576	40.428	51.555	42.193	50.103	61.606	61.456	53.381	67.143	54.840	49.922	50.440	63.453	59.113	59.642	66.559
10/5/2011 18:00	33.987	56.385	46.353	60.984	48.307	49.567	40.428	51.543	42.184	50.103	61.636	61.444	53.390	67.155	54.840	49.922	50.461	63.453	59.104	59.642	66.584
10/5/2011 21:00	34.035	56.415	46.407	61.023	48.337	49.604	40.461	51.576	42.220	50.148	61.657	61.474	53.411	67.191	54.873	49.955	50.494	63.501	59.143	59.688	66.629
10/6/2011 0:00	34.050	56.427	46.407	61.035	48.346	49.604	40.482	51.597	42.229	50.148	61.690	61.495	53.411	67.206	54.882	49.964	50.494	63.492	59.155	59.709	66.653
10/6/2011 3:00	34.067	56.448	46.431	61.044	48.368	49.634	40.491	51.597	42.241	50.166	61.702	61.495	53.420	67.218	54.882	49.973	50.527	63.522	59.176	59.721	66.680
10/6/2011 6:00	34.095	56.470	46.458	61.092	48.386	49.691	40.515	51.631	42.277	50.196	61.745	61.546	53.462	67.269	54.927	50.010	50.560	63.552	59.221	59.763	66.713
10/6/2011 9:00	34.149	56.512	46.485	61.131	48.437	49.709	40.557	51.673	42.323	50.250	61.775	61.585	53.513	67.281	54.969	50.061	50.602	63.621	59.269	59.817	66.773
10/6/2011 12:00	34.123	56.479	46.485	61.113	48.416	49.700	40.557	51.664	42.299	50.223	61.766	61.564	53.492	67.293	54.948	50.043	50.581	63.582	59.269	59.817	66.782
10/6/2011 15:00	34.069	56.458	46.431	61.074	48.377	49.652	40.503	51.610	42.265	50.196	61.733	61.525	53.462	67.242	54.915	50.010	50.539	63.561	59.239	59.796	66.764
10/6/2011 18:00	34.079	56.458	46.458	61.074	48.377	49.652	40.515	51.631	42.265	50.187	61.754	61.534	53.441	67.242	54.915	50.010	50.548	63.570	59.233	59.784	66.773
10/6/2011 21:00	34.142	56.500	46.485	61.122	48.437	49.700	40.545	51.664	42.299	50.232	61.775	61.576	53.492	67.305	54.948	50.052	50.602	63.600	59.260	59.847	66.833
10/7/2011 0:00	34.148	56.500	46.509	61.131	48.446	49.721	40.557	51.652	42.299	50.232	61.796	61.585	53.501	67.293	54.960	50.061	50.626	63.621	59.294	59.847	66.851
10/7/2011 3:00	34.144	56.500	46.497	61.122	48.437	49.730	40.545	51.664	42.311	50.244	61.796	61.576	53.501	67.269	54.948	50.061	50.614	63.612	59.303	59.847	66.860
10/7/2011 6:00	34.179	56.533	46.536	61.161	48.455	49.757	40.590	51.694	42.344	50.271	61.829	61.606	53.522	67.332	54.981	50.097	50.647	63.669	59.342	59.892	66.902
10/7/2011 9:00	34.236	56.566	46.563	61.212	48.506	49.787	40.644	51.739	42.377	50.328	61.883	61.654	53.573	67.384	55.047	50.157	50.701	63.711	59.387	59.946	66.972
10/7/2011 12:00	34.208	56.545	46.548	61.182	48.476	49.778	40.611	51.706	42.344	50.298	61.892	61.615	53.552	67.344	55.026	50.121	50.680	63.690	59.372	59.931	66.962
10/7/2011 15:00	34.156	56.512	46.497	61.152	48.455	49.730	40.578	51.673	42.323	50.262	61.850	61.585	53.501	67.305	54.981	50.079	50.647	63.651	59.357	59.892	66.947
10/7/2011 18:00	34.192	56.533	46.509	61.182	48.455	49.739	40.590	51.694	42.332	50.271	61.871	61.615	53.543	67.344	55.002	50.112	50.668	63.669	59.372	59.925	66.972
10/7/2011 21:00	34.231	56.554	46.563	61.212	48.506	49.778	40.611	51.739	42.368	50.316	61.904	61.636	53.585	67.384	55.035	50.157	50.713	63.699	59.417	59.955	67.023
10/8/2011 0:00	34.219	56.545	46.524	61.200	48.476	49.769	40.617	51.718	42.356	50.307	61.883	61.624	53.552	67.396	55.026	50.139	50.689	63.669	59.411	59.952	67.023
10/8/2011 3:00	34.223	56.566	46.524	61.200	48.494	49.757	40.617	51.739	42.368	50.307	61.871	61.651	53.564	67.368	55.026	50.139	50.701	63.699	59.420	59.955	67.041
10/8/2011 6:00	34.256	56.575	46.575	61.230	48.506	49.805	40.6														

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
10/10/2011 9:00	33.917	56.247	46.265	60.954	48.238	49.459	40.347	51.447	42.073	50.028	61.636	61.321	53.215	67.080	54.719	49.826	50.461	63.441	59.167	59.721	66.953
10/10/2011 12:00	33.889	56.226	46.226	60.909	48.196	49.441	40.314	51.393	42.028	49.989	61.615	61.290	53.197	67.041	54.662	49.793	50.431	63.402	59.143	59.675	66.953
10/10/2011 15:00	33.798	56.142	46.133	60.845	48.109	49.336	40.214	51.318	41.947	49.904	61.519	61.191	53.083	66.938	54.587	49.688	50.331	63.323	59.053	59.606	66.878
10/10/2011 18:00	33.797	56.151	46.148	60.848	48.148	49.354	40.238	51.330	41.959	49.913	61.543	61.191	53.095	66.950	54.587	49.697	50.343	63.363	59.062	59.585	66.878
10/10/2011 21:00	33.797	56.163	46.148	60.854	48.127	49.354	40.247	51.351	41.959	49.925	61.564	61.182	53.095	66.965	54.587	49.697	50.343	63.363	59.044	59.573	66.887
10/11/2011 0:00	33.761	56.130	46.094	60.827	48.127	49.318	40.214	51.297	41.926	49.886	61.510	61.170	53.053	66.926	54.554	49.655	50.319	63.314	58.975	59.504	66.869
10/11/2011 3:00	33.711	56.088	46.055	60.770	48.067	49.279	40.184	51.264	41.892	49.850	61.489	61.122	52.993	66.851	54.500	49.628	50.277	63.293	58.918	59.423	66.833
10/11/2011 6:00	33.722	56.100	46.094	60.785	48.097	49.306	40.193	51.264	41.914	49.868	61.510	61.110	53.011	66.875	54.521	49.619	50.298	63.302	58.897	59.402	66.860
10/11/2011 9:00	33.726	56.100	46.082	60.797	48.109	49.306	40.205	51.264	41.902	49.868	61.498	61.122	53.011	66.863	54.530	49.655	50.310	63.272	58.848	59.360	66.869
10/11/2011 12:00	33.710	56.088	46.070	60.779	48.079	49.288	40.193	51.243	41.892	49.859	61.477	61.101	52.993	66.875	54.509	49.619	50.298	63.263	58.809	59.288	66.869
10/11/2011 15:00	33.642	56.033	46.004	60.731	48.019	49.231	40.139	51.213	41.835	49.802	61.414	61.050	52.942	66.800	54.455	49.558	50.232	63.224	58.704	59.197	66.827
10/11/2011 18:00	33.640	56.024	45.992	60.731	48.010	49.240	40.130	51.188	41.835	49.793	61.405	61.032	52.930	66.824	54.434	49.549	50.244	63.203	58.671	59.137	66.827
10/11/2011 21:00	33.657	56.033	46.031	60.740	48.010	49.258	40.151	51.188	41.847	49.820	61.426	61.041	52.942	66.812	54.674	49.567	50.232	63.194	58.632	59.101	66.851
10/12/2011 0:00	33.625	56.003	46.004	60.701	47.998	49.201	40.118	51.158	41.823	49.793	61.363	61.020	52.909	66.788	54.653	49.549	50.190	63.185	58.542	59.008	66.842
10/12/2011 3:00	33.608	55.982	45.977	60.683	47.958	49.192	40.109	51.146	41.790	49.775	61.330	60.990	52.891	66.773	54.629	49.522	50.178	63.155	58.485	58.945	66.833
10/12/2011 6:00	33.587	55.991	45.977	60.671	47.998	49.161	40.118	51.167	41.811	49.763	61.339	60.981	52.858	66.761	54.596	49.507	50.169	63.134	58.454	58.906	66.818
10/12/2011 9:00	33.603	56.003	45.977	60.710	47.998	49.222	40.151	51.188	41.823	49.793	61.372	61.002	52.900	66.773	54.629	49.531	50.190	63.173	58.406	58.869	66.851
10/12/2011 12:00	33.593	55.982	45.977	60.692	47.989	49.213	40.130	51.176	41.811	49.784	61.351	60.990	52.879	66.749	54.620	49.522	50.169	63.134	58.367	58.815	66.851
10/12/2011 15:00	33.544	55.940	45.938	60.662	47.949	49.174	40.085	51.113	41.757	49.745	61.275	60.942	52.828	66.737	54.575	49.471	50.115	63.086	58.277	58.755	66.809
10/12/2011 18:00	33.539	55.940	45.938	60.641	47.937	49.183	40.076	51.125	41.757	49.745	61.287	60.930	52.819	66.710	54.563	49.462	50.103	63.065	58.253	58.719	66.827
10/12/2011 21:00	33.561	55.961	45.965	60.671	47.980	49.222	40.118	51.137	41.778	49.775	61.296	60.951	52.849	66.761	54.608	49.498	50.124	63.086	58.247	58.734	66.869
10/13/2011 0:00	33.549	55.928	45.938	60.623	47.928	49.174	40.097	51.101	41.757	49.745	61.266	60.942	52.819	66.725	54.587	49.480	50.103	63.026	58.208	58.680	66.860
10/13/2011 3:00	33.505	55.886	45.898	60.593	47.898	49.134	40.055	51.062	41.721	49.709	61.212	60.890	52.776	66.710	54.554	49.444	50.049	63.008	58.190	58.647	66.827
10/13/2011 6:00	33.506	55.898	45.898	60.593	47.907	49.125	40.055	51.092	41.721	49.709	61.203	60.890	52.767	66.710	54.542	49.438	50.037	63.008	58.151	58.632	66.833
10/13/2011 9:00	33.516	55.907	45.886	60.602	47.898	49.152	40.064	51.113	41.733	49.727	61.224	60.912	52.788	66.710	54.554	49.444	50.061	63.014	58.160	58.632	66.860
10/13/2011 12:00	33.484	55.865	45.883	60.563	47.859	49.125	40.031	51.050	41.688	49.679	61.170	60.869	52.755	66.686	54.521	49.411	50.007	62.969	58.112	58.578	66.827
10/13/2011 15:00	33.404	55.790	45.796	60.475	47.778	49.029	39.968	50.984	41.631	49.604	61.095	60.791	52.686	66.611	54.443	49.333	49.919	62.887	58.018	58.536	66.764
10/13/2011 18:00	33.381	55.760	45.766	60.463	47.790	49.008	39.956	50.975	41.610	49.604	61.065	60.770	52.653	66.596	54.434	49.324	49.907	62.878	58.021	58.518	66.773
10/13/2011 21:00	33.457	55.802	45.832	60.524	47.820	49.065	40.010	51.017	41.664	49.652	61.116	60.821	52.716	66.659	54.500	49.384	49.961	62.899	58.051	58.557	66.833
10/14/2011 0:00	33.457	55.811	45.832	60.503	47.820	49.065	40.010	51.017	41.655	49.652	61.116	60.839	52.725	66.674	54.500	49.393	49.949	62.917	58.051	58.551	66.851
10/14/2011 3:00	33.440	55.802	45.832	60.484	47.790	49.077	39.989	50.996	41.643	49.634	61.086	60.809	52.695	66.635	54.488	49.366	49.919	62.887	58.033	58.542	66.842
10/14/2011 6:00	33.488	55.844	45.859	60.533	47.838	49.095	40.031	51.050	41.676	49.679	61.128	60.860	52.746	66.674	54.521	49.411	49.961	62.917	58.051	58.584	66.893
10/14/2011 9:00	33.554	55.886	45.962	60.593	47.898	49.161	40.109	51.104	41.745	49.745	61.191	60.930	52.806	66.761	54.608	49.489	50.028	62.978	58.136	58.644	66.972
10/14/2011 12:00	33.571	55.919	45.962	60.593	47.907	49.174	40.118	51.092	41.766	49.754	61.203	60.951	52.840	66.773	54.629	49.507	50.037	62.999	58.151	58.644	67.014
10/14/2011 15:00	33.544	55.877	45.922	60.572	47.880	49.152	40.085	51.080	41.733	49.718	61.149	60.930	52.806	66.737	54.596	49.489	50.016	62.948	58.136	58.638	66.999
10/14/2011 18:00	33.587	55.919	45.962	60.614	47.919	49.201	40.139	51.146	41.778	49.763	61.212	60.960	52.849	66.761	54.629	49.522	50.049	63.008	58.160	58.665	67.059
10/14/2011 21:00	33.673	55.991	46.055	60.671	47.980	49.270	40.205	51.201	41.856	49.850	61.287	61.041	52.921	66.836	54.707	49.601	50.115	63.056	58.208	58.722	67.143
10/15/2011 0:00	33.737	56.033	46.079	60.710	48.028	49.306	40.247	51.252	41.892	49.895	61.309	61.110	52.972	66.914	54.773	49.655	50.157	63.107	58.259	58.782	67.212
10/15/2011 3:00	33.739	56.045	46.118	60.722	48.028	49.306	40.259	51.264	41.892	49.895	61.296	61.122	52.993	66.926	54.782	49.664	50.157	63.086	58.262	58.800	67.230
10/15/2011 6:00	33.787	56.079	46.172	60.749	48.088	49.354	40.293	51.276	41.959	49.943	61.351	61.170	53.032	66.926	54.827	49.715	50.190	63.155	58.307	58.836	67.290
10/15/2011 9:00	33.835	56.121	46.184	60.791	48.118	49.366	40.335	51.327	41.983	49.989	61.405	61.191	53.074	67.029	54.861	49.748	50.223	63.185	58.346	58.875	67.341
10/15/2011 12:00	33.804	56.100	46.184	60.770	48.088	49.366	40.323	51.306	41.959	49.970	61.363	61.191	53.053	66.978	54.840	49.739	50.202	63.155	58.346	58.869	67.350
10/15/2011 15:00	33.739	56.045	46.118	60.722	48.049	49.288	40.259	51.252	41.902	49.895	61.296	61.131	53.002	66.926	54.794	49.670	50.148	63.128	58.286	58.794	67.290
10/15/2011 18:00	33.771	56.079	46.133	60.740	48.067	49.336	40.281	51.264	41.926	49.925	61.339	61.152	53.023	66.978	54.827	49.706	50.169	63.155	58.298	58.836	67.323
10/15/2011 21:00	33.852	56.130	46.211	60.800	48.097	49.402	40.347	51.327	41.995	49.998	61.405	61.212	53.095	67.014	54.882	49.775	50.232	63.185	58.367	58.891	67.402
10/16/2011 0:00	33.894	56.163	46.250	60.839	48.148	49.432	40.377	51.339	42.028	50.028	61.426	61.260	53.134	67.065	54.927	49.811	50.256	63.215	58.406	58.924	67.462
10/16/2011 3:00	33.916	56.172	4																		

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
10/18/2011 6:00	33.673	55.928	46.028	60.578	47.880	49.201	40.151	51.104	41.790	49.811	61.131	61.011	52.900	66.836	54.686	49.567	49.983	62.927	57.739	58.208	67.429
10/18/2011 9:00	33.679	55.949	46.028	60.590	47.898	49.192	40.151	51.125	41.802	49.811	61.128	61.020	52.900	66.836	54.695	49.567	49.983	62.914	57.727	58.190	67.444
10/18/2011 12:00	33.598	55.886	45.922	60.521	47.829	49.143	40.091	51.071	41.721	49.745	61.035	60.942	52.819	66.773	54.629	49.489	49.907	62.845	57.639	58.115	67.393
10/18/2011 15:00	33.506	55.769	45.859	60.430	47.751	49.038	40.022	50.984	41.643	49.643	60.951	60.839	52.737	66.674	54.521	49.411	49.799	62.767	57.540	58.006	67.308
10/18/2011 18:00	33.457	55.790	45.820	60.400	47.751	49.029	39.995	50.984	41.619	49.616	60.942	60.791	52.674	66.635	54.467	49.366	49.754	62.746	57.501	57.997	67.263
10/18/2011 21:00	33.387	55.748	45.781	60.373	47.712	48.981	39.950	50.933	41.586	49.576	60.906	60.719	52.614	66.572	54.409	49.288	49.700	62.698	57.462	57.931	67.212
10/19/2011 0:00	33.305	55.664	45.727	60.292	47.622	48.912	39.881	50.858	41.508	49.501	60.803	60.629	52.521	66.496	54.334	49.204	49.625	62.617	57.363	57.847	67.143
10/19/2011 3:00	33.219	55.579	45.649	60.214	47.552	48.837	39.808	50.758	41.426	49.417	60.728	60.551	52.431	66.406	54.235	49.116	49.537	62.539	57.245	57.760	67.059
10/19/2011 6:00	33.149	55.546	45.583	60.166	47.501	48.816	39.766	50.707	41.372	49.390	60.686	60.500	52.367	66.343	54.181	49.056	49.495	62.478	57.206	57.700	67.014
10/19/2011 9:00	33.138	55.516	45.598	60.154	47.492	48.807	39.760	50.707	41.360	49.381	60.653	60.469	52.349	66.319	54.157	49.029	49.471	62.439	57.197	57.673	66.999
10/19/2011 12:00	33.095	55.495	45.559	60.115	47.441	48.758	39.712	50.662	41.327	49.342	60.644	60.430	52.316	66.319	54.127	49.002	49.450	62.409	57.128	57.642	66.981
10/19/2011 15:00	33.105	55.495	45.544	60.115	47.441	48.786	39.751	50.674	41.327	49.360	60.644	60.439	52.328	66.319	54.127	49.020	49.462	62.418	57.149	57.618	66.990
10/19/2011 18:00	33.278	55.642	45.688	60.262	47.583	48.951	39.896	50.813	41.471	49.519	60.770	60.611	52.500	66.481	54.301	49.177	49.604	62.560	57.267	57.760	67.161
10/19/2011 21:00	33.424	55.760	45.820	60.382	47.691	49.056	40.037	50.933	41.598	49.661	60.893	60.749	52.635	66.623	54.443	49.324	49.745	62.668	57.363	57.856	67.317
10/20/2011 0:00	33.451	55.790	45.871	60.400	47.691	49.077	40.049	50.942	41.631	49.679	60.875	60.770	52.665	66.611	54.467	49.342	49.745	62.677	57.363	57.868	67.359
10/20/2011 3:00	33.515	55.832	45.910	60.439	47.760	49.143	40.103	51.008	41.676	49.727	60.942	60.830	52.725	66.725	54.521	49.411	49.787	62.716	57.393	57.901	67.429
10/20/2011 6:00	33.586	55.886	46.001	60.500	47.799	49.183	40.178	51.071	41.745	49.793	60.993	60.899	52.797	66.773	54.599	49.480	49.841	62.767	57.453	57.952	67.504
10/20/2011 9:00	33.668	55.961	46.067	60.578	47.859	49.270	40.244	51.146	41.811	49.859	61.044	60.990	52.870	66.851	54.677	49.549	49.919	62.836	57.522	58.006	67.600
10/20/2011 12:00	33.684	55.982	46.055	60.578	47.880	49.270	40.253	51.146	41.823	49.877	61.068	61.002	52.891	66.875	54.689	49.558	49.919	62.836	57.492	58.006	67.618
10/20/2011 15:00	33.668	55.982	46.028	60.569	47.859	49.258	40.232	51.158	41.802	49.859	61.047	60.990	52.879	66.836	54.686	49.558	49.895	62.827	57.492	57.976	67.624
10/20/2011 18:00	33.737	56.024	46.145	60.608	47.910	49.336	40.308	51.201	41.868	49.922	61.098	61.050	52.951	66.914	54.722	49.628	49.949	62.887	57.522	57.997	67.693
10/20/2011 21:00	33.807	56.079	46.172	60.668	47.971	49.375	40.362	51.264	41.938	49.979	61.164	61.122	53.023	66.990	54.809	49.688	50.016	62.936	57.540	58.027	67.771
10/21/2011 0:00	33.845	56.121	46.211	60.698	47.998	49.450	40.395	51.309	41.971	50.019	61.143	61.161	53.053	67.053	54.843	49.733	50.028	62.945	57.549	58.027	67.823
10/21/2011 3:00	33.844	56.121	46.223	60.689	47.998	49.423	40.395	51.297	41.971	50.007	61.152	61.152	53.044	67.029	54.830	49.724	50.016	62.936	57.501	57.964	67.832
10/21/2011 6:00	33.897	56.163	46.262	60.728	48.040	49.480	40.437	51.330	42.004	50.055	61.206	61.200	53.104	67.080	54.885	49.766	50.049	62.987	57.483	57.952	67.883
10/21/2011 9:00	33.947	56.205	46.328	60.767	48.070	49.519	40.482	51.384	42.049	50.103	61.236	61.242	53.146	67.143	54.918	49.811	50.091	63.026	57.492	57.943	67.952
10/21/2011 12:00	33.872	56.151	46.235	60.707	48.019	49.450	40.428	51.339	41.983	50.037	61.164	61.182	53.074	67.065	54.876	49.748	50.028	62.966	57.384	57.835	67.910
10/21/2011 15:00	33.831	56.121	46.223	60.668	47.971	49.432	40.383	51.276	41.947	49.998	61.143	61.152	53.044	67.041	54.830	49.724	49.973	62.945	57.315	57.748	67.883
10/21/2011 18:00	33.872	56.142	46.262	60.698	47.998	49.459	40.407	51.318	41.983	50.037	61.164	61.170	53.065	67.080	54.864	49.739	49.995	62.936	57.257	57.685	67.925
10/21/2011 21:00	33.910	56.163	46.262	60.707	48.028	49.459	40.437	51.351	42.004	50.055	61.173	61.200	53.104	67.116	54.885	49.775	50.016	62.945	57.197	57.651	67.961
10/22/2011 0:00	33.914	56.163	46.262	60.698	48.010	49.471	40.437	51.339	41.995	50.055	61.173	61.200	53.086	67.092	54.885	49.766	50.016	62.957	57.176	57.588	67.961
10/22/2011 3:00	33.889	56.151	46.262	60.677	47.998	49.441	40.416	51.339	41.995	50.046	61.131	61.191	53.083	67.092	54.885	49.739	49.973	62.914	57.080	57.501	67.952
10/22/2011 6:00	33.931	56.184	46.274	60.707	48.010	49.471	40.437	51.393	42.016	50.085	61.152	61.212	53.107	67.092	54.897	49.775	49.995	62.914	57.068	57.447	67.994
10/22/2011 9:00	33.964	56.205	46.313	60.716	48.040	49.519	40.461	51.405	42.049	50.112	61.164	61.242	53.146	67.143	54.930	49.811	50.016	62.936	57.002	57.408	68.039
10/22/2011 12:00	33.923	56.172	46.274	60.689	48.019	49.489	40.449	51.339	42.016	50.082	61.098	61.200	53.134	67.104	54.897	49.784	49.961	62.896	56.912	57.318	68.021
10/22/2011 15:00	33.864	56.130	46.250	60.629	47.971	49.432	40.395	51.330	41.971	50.028	61.077	61.152	53.065	67.080	54.852	49.724	49.886	62.827	56.803	57.209	67.985
10/22/2011 18:00	33.899	56.142	46.235	60.638	47.998	49.459	40.407	51.330	41.971	50.037	61.035	61.170	53.074	67.080	54.864	49.733	49.895	62.836	56.734	57.134	68.003
10/22/2011 21:00	33.921	56.151	46.250	60.647	47.998	49.471	40.416	51.363	41.983	50.064	61.047	61.182	53.086	67.092	54.876	49.748	49.895	62.815	56.677	57.059	68.030
10/23/2011 0:00	33.920	56.151	46.250	60.629	47.980	49.450	40.416	51.339	41.983	50.055	61.014	61.170	53.086	67.092	54.864	49.733	49.874	62.797	56.608	57.005	68.030
10/23/2011 3:00	33.898	56.142	46.250	60.620	47.980	49.441	40.407	51.351	41.971	50.046	60.972	61.152	53.086	67.065	54.864	49.715	49.853	62.767	56.530	56.921	68.030
10/23/2011 6:00	33.925	56.163	46.274	60.629	47.989	49.471	40.428	51.363	42.004	50.064	61.005	61.182	53.107	67.104	54.876	49.739	49.853	62.767	56.500	56.888	68.054
10/23/2011 9:00	33.975	56.184	46.313	60.659	48.010	49.519	40.470	51.384	42.040	50.112	61.014	61.221	53.146	67.128	54.918	49.784	49.886	62.767	56.451	56.845	68.123
10/23/2011 12:00	33.933	56.172	46.289	60.608	47.968	49.480	40.428	51.351	41.995	50.082	60.942	61.191	53.107	67.092	54.885	49.748	49.832	62.737	56.382	56.746	68.090
10/23/2011 15:00	33.848	56.088	46.223	60.530	47.928	49.423	40.374	51.297	41.938	50.019	60.866	61.110	53.035	67.029	54.809	49.670	49.745	62.659	56.244	56.629	68.039
10/23/2011 18:00	33.880	56.088	46.223	60.551	47.928	49.423	40.383	51.318	41.947	50.028	60.875	61.110	53.056	67.080	54.818	49.670	49.745	62.638	56.166	56.566	68.054
10/23/2011 21:00	33.931	56.121	46.262	60.569	47.928	49.471	40.416	51.318	41.983	50.073	60.866	61.152	53.095	67.116	54.864	49.715	49.754	62.647	56.136	56.521	68.105
10/24/2011 0:00	33.921	56.121	4																		

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Pressure [ft]	MW021 Pressure [ft]	MW038SR Pressure [ft]	MW040P Pressure [ft]	MW041T Pressure [ft]	MW052T Pressure [ft]	MW058P Pressure [ft]	MW059S Pressure [ft]	MW061T Pressure [ft]	MW063SR Pressure [ft]	MW077P Pressure [ft]	MW078T Pressure [ft]	MW081T Pressure [ft]	MW082S Pressure [ft]	MW089T Pressure [ft]	MW090SR Pressure [ft]	MW091PR Pressure [ft]	MW092SR Pressure [ft]	MW093PR Pressure [ft]	MW094PR Pressure [ft]
10/26/2011 3:00	33.974	56.100	46.262	60.343	47.790	49.471	40.437	51.330	41.959	50.091	60.500	61.122	53.095	67.104	54.815	49.646	49.384	62.262	54.996	55.348	68.253
10/26/2011 6:00	33.958	56.100	46.274	60.331	47.799	49.450	40.428	51.318	41.959	50.091	60.484	61.101	53.095	67.143	54.806	49.619	49.351	62.232	54.945	55.285	68.253
10/26/2011 9:00	33.981	56.109	46.289	60.343	47.790	49.471	40.449	51.330	41.971	50.121	60.478	61.122	53.116	67.128	54.818	49.628	49.363	62.241	54.900	55.240	68.280
10/26/2011 12:00	33.906	56.045	46.235	60.253	47.730	49.411	40.383	51.255	41.892	50.046	60.394	61.050	53.044	67.080	54.749	49.549	49.276	62.151	54.770	55.110	68.226
10/26/2011 15:00	33.789	55.940	46.106	60.136	47.601	49.306	40.287	51.158	41.790	49.934	60.268	60.942	52.933	66.965	54.632	49.444	49.146	62.042	54.605	54.960	68.123
10/26/2011 18:00	33.777	55.928	46.106	60.124	47.601	49.297	40.274	51.137	41.778	49.934	60.226	60.899	52.921	66.950	54.611	49.420	49.113	61.991	54.527	54.885	68.114
10/26/2011 21:00	33.807	55.928	46.106	60.115	47.601	49.297	40.274	51.146	41.790	49.952	60.247	60.921	52.933	66.978	54.623	49.429	49.101	61.952	54.455	54.821	68.132
10/27/2011 0:00	33.802	55.919	46.094	60.084	47.562	49.288	40.274	51.125	41.757	49.943	60.184	60.912	52.912	66.950	54.596	49.402	49.068	61.943	54.394	54.746	68.132
10/27/2011 3:00	33.760	55.886	46.055	60.036	47.531	49.258	40.244	51.104	41.733	49.904	60.151	60.869	52.891	66.926	54.563	49.360	49.014	61.862	54.289	54.659	68.099
10/27/2011 6:00	33.743	55.877	46.055	60.015	47.510	49.240	40.232	51.083	41.721	49.886	60.118	60.851	52.870	66.902	54.542	49.333	48.972	61.862	54.211	54.593	68.090
10/27/2011 9:00	33.748	55.886	46.094	60.006	47.501	49.249	40.232	51.083	41.709	49.913	60.097	60.839	52.882	66.926	54.545	49.333	48.972	61.853	54.163	54.530	68.105
10/27/2011 12:00	33.707	55.823	46.016	59.937	47.441	49.201	40.199	51.029	41.664	49.859	60.033	60.779	52.809	66.863	54.488	49.273	48.885	61.763	54.043	54.421	68.063
10/27/2011 15:00	33.620	55.781	45.950	59.868	47.381	49.143	40.133	50.963	41.598	49.793	59.937	60.710	52.749	66.812	54.412	49.204	48.807	61.684	53.946	54.304	67.994
10/27/2011 18:00	33.646	55.781	45.950	59.868	47.372	49.161	40.157	50.984	41.610	49.802	59.937	60.719	52.770	66.824	54.437	49.213	48.819	61.675	53.913	54.271	68.030
10/27/2011 21:00	33.684	55.811	45.989	59.889	47.402	49.201	40.190	50.996	41.643	49.847	59.937	60.749	52.809	66.851	54.458	49.237	48.819	61.675	53.868	54.217	68.072
10/28/2011 0:00	33.700	55.811	46.001	59.868	47.372	49.183	40.199	50.996	41.655	49.859	59.907	60.761	52.828	66.851	54.467	49.237	48.798	61.633	53.817	54.163	68.081
10/28/2011 3:00	33.716	55.811	46.016	59.859	47.372	49.183	40.211	50.996	41.664	49.868	59.886	60.761	52.831	66.875	54.467	49.237	48.798	61.645	53.766	54.109	68.099
10/28/2011 6:00	33.775	55.886	46.079	59.907	47.432	49.258	40.274	51.062	41.721	49.934	59.949	60.821	52.900	66.938	54.530	49.297	48.831	61.675	53.757	54.142	68.165
10/28/2011 9:00	33.814	55.919	46.133	59.946	47.462	49.297	40.320	51.113	41.751	49.970	59.937	60.851	52.921	66.965	54.554	49.315	48.852	61.705	53.748	54.121	68.211
10/28/2011 12:00	33.808	55.907	46.106	59.916	47.420	49.279	40.308	51.092	41.745	49.952	59.910	60.830	52.930	66.950	54.530	49.306	48.807	61.663	53.697	54.046	68.211
10/28/2011 15:00	33.759	55.865	46.040	59.847	47.372	49.231	40.253	51.038	41.688	49.913	59.853	60.779	52.870	66.938	54.476	49.246	48.743	61.585	53.579	53.937	68.174
10/28/2011 18:00	33.787	55.898	46.079	59.868	47.402	49.270	40.299	51.062	41.709	49.922	59.886	60.791	52.891	66.938	54.509	49.273	48.743	61.606	53.561	53.904	68.211
10/28/2011 21:00	33.793	55.877	46.067	59.838	47.381	49.279	40.299	51.038	41.709	49.934	59.865	60.809	52.900	66.950	54.500	49.255	48.719	61.576	53.501	53.853	68.211
10/29/2011 0:00	33.764	55.856	46.040	59.790	47.333	49.249	40.244	51.017	41.661	49.895	59.778	60.761	52.858	66.938	54.443	49.219	48.656	61.495	53.405	53.766	68.174
10/29/2011 3:00	33.726	55.802	46.016	59.739	47.282	49.213	40.220	50.954	41.628	49.859	59.736	60.710	52.809	66.875	54.421	49.167	48.599	61.435	53.318	53.670	68.132
10/29/2011 6:00	33.737	55.823	46.028	59.721	47.282	49.231	40.232	50.975	41.637	49.877	59.706	60.710	52.822	66.914	54.421	49.158	48.590	61.447	53.276	53.625	68.165
10/29/2011 9:00	33.780	55.865	46.106	59.760	47.303	49.240	40.274	50.996	41.673	49.913	59.715	60.740	52.861	66.926	54.455	49.186	48.611	61.447	53.267	53.615	68.202
10/29/2011 12:00	33.775	55.856	46.094	59.739	47.291	49.270	40.274	51.008	41.661	49.913	59.715	60.719	52.870	66.938	54.443	49.177	48.590	61.435	53.206	53.570	68.211
10/29/2011 15:00	33.776	55.856	46.055	59.721	47.303	49.240	40.274	50.984	41.661	49.913	59.694	60.719	52.870	66.938	54.443	49.158	48.557	61.396	53.149	53.516	68.226
10/29/2011 18:00	33.834	55.907	46.145	59.760	47.333	49.318	40.353	51.038	41.718	49.970	59.715	60.779	52.930	66.965	54.488	49.213	48.599	61.426	53.137	53.516	68.286
10/29/2011 21:00	33.943	56.003	46.262	59.859	47.393	49.393	40.428	51.113	41.808	50.073	59.778	60.869	53.044	67.092	54.596	49.315	48.677	61.516	53.188	53.549	68.400
10/30/2011 0:00	34.000	56.045	46.274	59.868	47.432	49.423	40.470	51.158	41.841	50.112	59.799	60.912	53.095	67.143	54.641	49.360	48.710	61.516	53.188	53.549	68.460
10/30/2011 3:00	34.031	56.055	46.289	59.868	47.450	49.459	40.491	51.179	41.865	50.139	59.778	60.930	53.104	67.167	54.653	49.366	48.686	61.516	53.128	53.516	68.475
10/30/2011 6:00	34.094	56.121	46.353	59.907	47.501	49.537	40.557	51.243	41.920	50.196	59.820	60.981	53.176	67.218	54.695	49.420	48.731	61.534	53.137	53.516	68.544
10/30/2011 9:00	34.167	56.184	46.419	59.967	47.522	49.576	40.611	51.297	41.965	50.262	59.886	61.041	53.228	67.257	54.773	49.489	48.774	61.594	53.149	53.540	68.614
10/30/2011 12:00	34.138	56.172	46.392	59.946	47.492	49.586	40.599	51.288	41.956	50.241	59.853	61.020	53.215	67.269	54.740	49.453	48.719	61.546	53.089	53.474	68.605
10/30/2011 15:00	34.079	56.121	46.340	59.868	47.450	49.519	40.557	51.222	41.899	50.187	59.778	60.960	53.155	67.218	54.674	49.384	48.656	61.477	53.002	53.378	68.553
10/30/2011 18:00	34.115	56.142	46.353	59.877	47.441	49.537	40.569	51.222	41.920	50.205	59.778	60.981	53.185	67.230	54.686	49.384	48.632	61.486	52.963	53.336	68.580
10/30/2011 21:00	34.158	56.184	46.392	59.898	47.471	49.586	40.611	51.255	41.956	50.250	59.790	61.002	53.215	67.269	54.719	49.420	48.665	61.525	52.942	53.336	68.623
10/31/2011 0:00	34.146	56.151	46.380	59.868	47.432	49.567	40.599	51.243	41.944	50.232	59.727	60.990	53.206	67.281	54.707	49.402	48.644	61.477	52.864	53.282	68.623
10/31/2011 3:00	34.119	56.100	46.368	59.820	47.393	49.555	40.569	51.213	41.899	50.205	59.684	60.930	53.176	67.218	54.653	49.351	48.557	61.417	52.794	53.185	68.580
10/31/2011 6:00	34.083	56.079	46.340	59.769	47.363	49.528	40.545	51.188	41.865	50.157	59.630	60.899	53.146	67.206	54.620	49.297	48.512	61.357	52.716	53.131	68.553
10/31/2011 9:00	34.094	56.079	46.340	59.760	47.372	49.519	40.536	51.179	41.865	50.178	59.609		53.146	67.191	54.620	49.297	48.491	61.357	52.677	53.086	68.571
10/31/2011 12:00	34.046	56.045		59.709	47.333	49.480							53.104								

Notes:

ft - feet

1. Pressure readings were collected using Diver transducers. Readings have not been referenced to top of casing or corrected for barometric pressure.

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW013P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
9/1/2011 0:00	60.373	92.318	74.340	62.911	55.249	57.291	71.916	61.149	65.375	59.227	63.516	77.028	58.809	61.293	51.128	89.410	86.827	81.534	80.815	57.318
9/1/2011 3:00	60.286	92.267	74.268	62.899	55.209	57.248	71.859	61.089	65.351	59.215	63.432	76.953	58.746	61.230	51.065	89.392	86.766	81.476	80.770	57.282
9/1/2011 6:00	60.256	92.300	74.256	62.911	55.230	57.248	71.868	61.077	65.351	59.227	63.372	76.944	58.734	61.200	51.032	89.419	86.766	81.428	80.746	57.282
9/1/2011 9:00	60.226	92.333	74.243	62.924	55.249	57.260	71.859	61.047	65.351	59.227	63.348	76.944	58.758	61.167	51.023	89.428	86.778	81.428	80.700	57.282
9/1/2011 12:00	60.139	92.297	74.135	62.866	55.191	57.185	71.786	60.987	65.287	59.194	63.239	76.815	58.620	61.074	50.927	89.383	86.730	81.314	80.631	57.206
9/1/2011 15:00	60.009	92.219	74.027	62.788	55.101	57.089	71.693	60.854	65.200	59.122	63.095	76.677	58.509	60.936	50.801	89.290	86.604	81.209	80.517	57.092
9/1/2011 18:00	59.940	92.180	73.958	62.746	55.074	57.047	71.657	60.803	65.167	59.101	63.047	76.640	58.457	60.854	50.737	89.272	86.580	81.137	80.439	57.047
9/1/2011 21:00	59.922	92.219	73.946	62.755	55.092	57.068	71.666	60.782	65.179	59.122	63.011	76.595	58.445	60.842	50.725	89.299	86.580	81.125	80.415	57.047
9/2/2011 0:00	59.862	92.219	73.922	62.734	55.083	57.047	71.627	60.743	65.146	59.113	62.963	76.577	58.421	60.779	50.683	89.299	86.568	81.079	80.370	57.038
9/2/2011 3:00	59.793	92.210	73.850	62.710	55.047	56.996	71.573	60.692	65.113	59.101	62.878	76.502	58.370	60.707	50.629	89.254	86.532	81.031	80.325	56.981
9/2/2011 6:00	59.775	92.246	73.837	62.722	55.056	57.005	71.573	60.647	65.116	59.134	62.866	76.475	58.358	60.695	50.608	89.272	86.532	81.007	80.300	56.972
9/2/2011 9:00	59.736	92.237	73.801	62.701	55.047	56.996	71.564	60.632	65.104	59.122	62.818	76.457	58.322	60.644	50.566	89.281	86.520	80.986	80.267	56.954
9/2/2011 12:00	59.654	92.198	73.717	62.644	55.011	56.930	71.501	60.560	65.050	59.077	62.731	76.355	58.235	60.560	50.494	89.227	86.463	80.914	80.198	56.888
9/2/2011 15:00	59.519	92.102	73.597	62.566	54.912	56.845	71.417	60.439	64.951	58.996	62.599	76.246	58.121	60.412	50.364	89.136	86.357	80.797	80.108	56.773
9/2/2011 18:00	59.450	92.084	73.549	62.524	54.885	56.794	71.359	60.367	64.920	58.972	62.539	76.189	58.069	60.340	50.301	89.115	86.333	80.752	80.051	56.719
9/2/2011 21:00	59.459	92.141	73.549	62.557	54.930	56.836	71.377	60.397	64.941	59.020	62.563	76.210	58.109	60.361	50.322	89.163	86.345	80.740	80.051	56.746
9/3/2011 0:00	59.429	92.180	73.525	62.578	54.957	56.836	71.380	60.367	64.941	59.041	62.563	76.189	58.085	60.340	50.313	89.190	86.369	80.740	80.039	56.746
9/3/2011 3:00	59.351	92.111	73.456	62.499	54.885	56.782	71.314	60.277	64.875	58.996	62.466	76.117	57.982	60.244	50.217	89.124	86.285	80.658	79.949	56.671
9/3/2011 6:00	59.312	92.132	73.407	62.499	54.885	56.752	71.296	60.256	64.854	58.996	62.406	76.090	57.934	60.205	50.175	89.124	86.285	80.610	79.913	56.644
9/3/2011 9:00	59.281	92.159	73.383	62.490	54.885	56.752	71.287	60.226	64.866	59.008	62.370	76.054	57.907	60.163	50.163	89.124	86.285	80.610	79.900	56.623
9/3/2011 12:00	59.212	92.132	73.347	62.445	54.840	56.698	71.242	60.163	64.812	58.984	62.286	75.997	57.871	60.100	50.091	89.097	86.228	80.565	79.843	56.569
9/3/2011 15:00	59.134	92.102	73.275	62.412	54.812	56.665	71.194	60.103	64.788	58.948	62.250	75.925	57.784	60.024	50.016	89.061	86.192	80.481	79.786	56.512
9/3/2011 18:00	59.086	92.054	73.203	62.355	54.758	56.623	71.131	60.012	64.725	58.927	62.166	75.858	57.733	59.940	49.952	89.019	86.123	80.424	79.708	56.445
9/3/2011 21:00	59.074	92.123	73.215	62.388	54.794	56.656	71.158	60.027	64.746	58.939	62.154	75.889	57.745	59.940	49.964	89.052	86.168	80.436	79.732	56.464
9/4/2011 0:00	59.035	92.102	73.179	62.367	54.785	56.623	71.131	59.991	64.734	58.939	62.105	75.831	57.685	59.910	49.919	89.043	86.156	80.388	79.696	56.436
9/4/2011 3:00	58.948	92.063	73.119	62.301	54.740	56.572	71.077	59.919	64.680	58.915	62.045	75.804	57.633	59.817	49.856	88.998	86.051	80.355	79.627	56.370
9/4/2011 6:00	58.939	92.075	73.083	62.310	54.740	56.560	71.077	59.889	64.680	58.903	62.033	75.759	57.609	59.784	49.835	88.998	86.075	80.319	79.606	56.361
9/4/2011 9:00	58.918	92.123	73.083	62.322	54.749	56.581	71.068	59.880	64.683	58.939	62.009	75.750	57.597	59.775	49.826	89.019	86.087	80.294	79.582	56.352
9/4/2011 12:00	58.839	92.075	73.010	62.268	54.695	56.509	71.020	59.793	64.629	58.903	61.937	75.675	57.510	59.691	49.751	88.962	86.015	80.237	79.525	56.286
9/4/2011 15:00	58.731	92.014	72.914	62.178	54.605	56.433	70.926	59.697	64.554	58.809	61.817	75.603	57.396	59.573	49.634	88.896	85.909	80.165	79.422	56.184
9/4/2011 18:00	58.701	92.023	72.869	62.157	54.614	56.400	70.899	59.675	64.532	58.809	61.805	75.576	57.360	59.534	49.592	88.869	85.921	80.132	79.410	56.166
9/4/2011 21:00	58.680	92.035	72.881	62.166	54.614	56.400	70.899	59.645	64.529	58.821	61.805	75.567	57.372	59.513	49.592	88.887	85.897	80.108	79.410	56.145
9/5/2011 0:00	58.641	92.014	72.821	62.145	54.587	56.379	70.869	59.585	64.499	58.809	61.745	75.528	57.321	59.459	49.528	88.860	85.876	80.072	79.377	56.100
9/5/2011 3:00	58.563	91.966	72.761	62.078	54.530	56.337	70.806	59.525	64.454	58.752	61.684	75.446	57.233	59.396	49.453	88.824	85.804	80.027	79.308	56.042
9/5/2011 6:00	58.515	91.975	72.701	62.045	54.512	56.295	70.779	59.474	64.412	58.764	61.648	75.410	57.197	59.345	49.402	88.787	85.780	79.967	79.275	56.003
9/5/2011 9:00	58.494	91.987	72.677	62.021	54.494	56.286	70.752	59.453	64.412	58.764	61.597	75.392	57.158	59.312	49.381	88.787	85.759	79.946	79.251	55.976
9/5/2011 12:00	58.424	91.936	72.604	61.967	54.431	56.220	70.707	59.381	64.358	58.704	61.513	75.437	57.059	59.230	49.318	88.730	85.699	79.979	79.251	55.910
9/5/2011 15:00	58.328	91.852	72.508	61.868	54.358	56.136	70.614	59.260	64.271	58.635	61.429	75.519	56.948	59.104	49.189	88.640	85.594	79.991	79.287	55.790
9/5/2011 18:00	58.355	91.879	72.496	61.868	54.349	56.136	70.623	59.248	64.271	58.647	61.477	75.675	56.948	59.092	49.189	88.640	85.606	80.120	79.410	55.790
9/5/2011 21:00	58.367	91.888	72.484	61.844	54.349	56.136	70.623	59.230	64.271	58.647	61.513	75.849	56.909	59.071	49.180	88.649	85.582	80.261	79.582	55.760
9/6/2011 0:00	58.367	91.852	72.460	61.811	54.313	56.106	70.595	59.173	64.241	58.635	61.549	75.961	56.845	59.020	49.125	88.631	85.557	80.376	79.651	55.715
9/6/2011 3:00	58.376	91.831	72.424	61.757	54.277	56.052	70.556	59.137	64.208	58.587	61.585	76.072	56.785	58.957	49.083	88.574	85.512	80.424	79.732	55.658
9/6/2011 6:00	58.406	91.840	72.424	61.733	54.268	56.042	70.574	59.116	64.187	58.587	61.684	76.180	56.797	58.945	49.074	88.586	85.500	80.529	79.834	55.639
9/6/2011 9:00	58.463	91.870	72.448	61.733	54.286	56.064	70.586	59.128	64.208	58.623	61.793	76.328	56.797	58.945	49.095	88.595	85.524	80.670	79.970	55.630
9/6/2011 12:00	58.506	91.870	72.460	61.724	54.271	56.052	70.595	59.113	64.208	58.623	61.877	76.457	56.758	58.945	49.095	88.595	85.500	80.776	80.072	55.621
9/6/2011 15:00	58.533	91.861	72.424	61.690	54.232	56.021	70.586	59.077	64.187	58.599	61.913	76.541	56.710	58.924	49.062	88.565	85.476	80.845	80.141	55.582
9/6/2011 18:00	58.614	91.918	72.496	61.712	54.259	56.052	70.632	59.113	64.217	58.635	62.045	76.649	56.734	58.957	49.104	88.613	85.524	80.950	80.267	55.600
9/6/2011 21:00	58.710	91.975	72.592	61.757	54.325	56.127	70.707	59.173	64.283	58.704	62.190	76.806	56.770	59.020	49.180	88.670	85.582	81.137	80.427	55.649
9/7/2011 0:00	58.788	92.023	72.653	61.799	54.367	56.169	70.761	59.209	64.325	58.752	62.298	76.944	56.797	59.062	4					

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW103P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
9/8/2011 21:00	59.342	92.035	72.986	61.534	54.163	56.085	70.872	59.269	64.316	58.680	63.179	77.789	56.608	59.239	49.306	88.547	85.536	82.003	81.293	55.432
9/9/2011 0:00	59.381	92.054	73.022	61.522	54.163	56.085	70.890	59.269	64.325	58.692	63.215	77.828	56.608	59.248	49.339	88.556	85.545	82.039	81.329	55.444
9/9/2011 3:00	59.411	92.045	73.035	61.489	54.136	56.064	70.881	59.278	64.325	58.671	63.239	77.882	56.608	59.260	49.318	88.529	85.557	82.072	81.362	55.417
9/9/2011 6:00	59.459	92.045	73.083	61.489	54.136	56.085	70.908	59.297	64.337	58.671	63.311	77.937	56.647	59.303	49.360	88.541	85.545	82.144	81.419	55.426
9/9/2011 9:00	59.498	92.084	73.143	61.522	54.172	56.115	70.935	59.342	64.358	58.728	63.360	77.973	56.659	59.366	49.390	88.568	85.582	82.177	81.476	55.423
9/9/2011 12:00	59.528	92.045	73.143	61.471	54.145	56.085	70.917	59.327	64.346	58.704	63.384	77.982	56.659	59.366	49.381	88.538	85.582	82.177	81.455	55.423
9/9/2011 15:00	59.519	92.045	73.119	61.423	54.073	56.052	70.899	59.300	64.325	58.659	63.372	77.994	56.620	59.333	49.339	88.484	85.536	82.201	81.464	55.375
9/9/2011 18:00	59.558	92.023	73.155	61.426	54.082	56.052	70.908	59.330	64.325	58.671	63.432	78.030	56.608	59.387	49.348	88.493	85.557	82.213	81.488	55.375
9/9/2011 21:00	59.615	92.075	73.215	61.444	54.118	56.094	70.965	59.381	64.370	58.704	63.528	78.102	56.671	59.438	49.423	88.532	85.594	82.294	81.570	55.426
9/10/2011 0:00	59.666	92.093	73.251	61.444	54.136	56.115	70.983	59.411	64.379	58.716	63.564	78.129	56.695	59.492	49.432	88.541	85.594	82.343	81.591	55.453
9/10/2011 3:00	59.706	92.084	73.287	61.447	54.118	56.127	71.001	59.423	64.391	58.740	63.600	78.177	56.710	59.522	49.453	88.541	85.630	82.364	81.624	55.441
9/10/2011 6:00	59.754	92.123	73.335	61.468	54.136	56.157	71.038	59.459	64.424	58.752	63.696	78.213	56.722	59.585	49.498	88.574	85.654	82.424	81.681	55.480
9/10/2011 9:00	59.805	92.159	73.395	61.489	54.172	56.178	71.068	59.498	64.466	58.773	63.745	78.249	56.770	59.636	49.540	88.604	85.687	82.481	81.738	55.492
9/10/2011 12:00	59.814	92.132	73.407	61.456	54.145	56.157	71.047	59.483	64.433	58.764	63.757	78.267	56.770	59.636	49.528	88.568	85.675	82.469	81.729	55.492
9/10/2011 15:00	59.784	92.111	73.359	61.405	54.073	56.115	71.010	59.447	64.391	58.704	63.708	78.204	56.734	59.606	49.486	88.505	85.630	82.412	81.693	55.435
9/10/2011 18:00	59.832	92.093	73.407	61.390	54.091	56.115	71.029	59.480	64.400	58.716	63.720	78.102	56.758	59.636	49.507	88.514	85.663	82.343	81.636	55.450
9/10/2011 21:00	59.844	92.141	73.456	61.426	54.127	56.157	71.056	59.549	64.445	58.785	63.769	77.994	56.785	59.700	49.549	88.547	85.699	82.306	81.558	55.483
9/11/2011 0:00	59.883	92.198	73.513	61.459	54.154	56.211	71.104	59.591	64.478	58.785	63.769	77.882	56.845	59.775	49.592	88.586	85.747	82.177	81.455	55.540
9/11/2011 3:00	59.853	92.180	73.501	61.435	54.136	56.190	71.104	59.585	64.478	58.773	63.696	77.717	56.833	59.784	49.592	88.577	85.759	82.072	81.341	55.519
9/11/2011 6:00	59.844	92.198	73.537	61.459	54.154	56.232	71.131	59.624	64.487	58.797	63.672	77.597	56.885	59.817	49.613	88.586	85.771	81.991	81.236	55.546
9/11/2011 9:00	59.823	92.237	73.561	61.489	54.187	56.265	71.140	59.666	64.520	58.845	63.600	77.486	56.921	59.868	49.634	88.631	85.804	81.861	81.146	55.594
9/11/2011 12:00	59.754	92.210	73.525	61.447	54.154	56.211	71.086	59.636	64.487	58.809	63.528	77.320	56.873	59.847	49.604	88.595	85.792	81.732	81.010	55.558
9/11/2011 15:00	59.654	92.159	73.456	61.378	54.091	56.157	71.029	59.570	64.433	58.752	63.360	77.164	56.833	59.796	49.519	88.514	85.723	81.579	80.872	55.510
9/11/2011 18:00	59.615	92.141	73.431	61.372	54.064	56.148	71.001	59.573	64.424	58.728	63.275	77.146	56.821	59.805	49.498	88.505	85.711	81.512	80.815	55.483
9/11/2011 21:00	59.645	92.198	73.465	61.390	54.118	56.190	71.041	59.600	64.445	58.809	63.263	77.239	56.885	59.859	49.528	88.559	85.792	81.591	80.896	55.567
9/12/2011 0:00	59.636	92.237	73.465	61.411	54.136	56.190	71.038	59.612	64.466	58.821	63.251	77.329	56.909	59.880	49.528	88.559	85.780	81.684	80.929	55.594
9/12/2011 3:00	59.597	92.198	73.407	61.372	54.091	56.157	71.001	59.579	64.433	58.773	63.203	77.404	56.873	59.847	49.477	88.532	85.735	81.684	80.953	55.540
9/12/2011 6:00	59.627	92.198	73.419	61.366	54.109	56.178	71.010	59.606	64.445	58.785	63.191	77.486	56.933	59.838	49.477	88.550	85.747	81.744	81.031	55.549
9/12/2011 9:00	59.645	92.246	73.431	61.399	54.145	56.211	71.020	59.612	64.466	58.809	63.227	77.561	56.960	59.880	49.507	88.568	85.780	81.837	81.125	55.594
9/12/2011 12:00	59.606	92.210	73.383	61.348	54.100	56.148	70.983	59.570	64.412	58.773	63.239	77.579	56.897	59.838	49.444	88.514	85.735	81.849	81.125	55.549
9/12/2011 15:00	59.537	92.141	73.287	61.245	53.997	56.052	70.899	59.468	64.346	58.692	63.167	77.570	56.821	59.733	49.348	88.439	85.654	81.813	81.100	55.465
9/12/2011 18:00	59.558	92.123	73.287	61.236	53.997	56.064	70.917	59.468	64.337	58.704	63.191	77.633	56.821	59.733	49.360	88.430	85.654	81.882	81.158	55.474
9/12/2011 21:00	59.615	92.159	73.335	61.281	54.037	56.094	70.956	59.525	64.379	58.728	63.311	77.708	56.885	59.796	49.402	88.487	85.711	81.976	81.260	55.510
9/13/2011 0:00	59.627	92.171	73.335	61.269	54.043	56.085	70.947	59.519	64.358	58.752	63.323	77.762	56.845	59.784	49.402	88.487	85.711	82.000	81.272	55.519
9/13/2011 3:00	59.627	92.132	73.311	61.236	54.015	56.073	70.926	59.489	64.337	58.728	63.336	77.807	56.821	59.754	49.381	88.457	85.687	81.988	81.293	55.492
9/13/2011 6:00	59.654	92.171	73.323	61.227	53.997	56.073	70.947	59.492	64.370	58.728	63.372	77.846	56.833	59.763	49.381	88.448	85.687	82.072	81.350	55.492
9/13/2011 9:00	59.697	92.171	73.347	61.236	54.034	56.085	70.965	59.534	64.370	58.740	63.420	77.892	56.885	59.784	49.411	88.487	85.711	82.093	81.386	55.519
9/13/2011 12:00	59.675	92.159	73.323	61.203	54.006	56.064	70.935	59.510	64.346	58.704	63.432	77.901	56.845	59.763	49.369	88.457	85.699	82.105	81.374	55.483
9/13/2011 15:00	59.645	92.093	73.275	61.149	53.943	56.021	70.902	59.447	64.292	58.671	63.420	77.901	56.809	59.712	49.318	88.393	85.630	82.093	81.374	55.435
9/13/2011 18:00	59.684	92.102	73.287	61.149	53.934	56.021	70.911	59.474	64.292	58.671	63.432	77.937	56.797	59.721	49.318	88.393	85.642	82.105	81.419	55.435
9/13/2011 21:00	59.724	92.132	73.335	61.182	53.970	56.052	70.938	59.510	64.337	58.680	63.516	77.994	56.845	59.775	49.348	88.439	85.663	82.177	81.455	55.474
9/14/2011 0:00	59.745	92.123	73.359	61.170	53.970	56.042	70.947	59.513	64.325	58.680	63.528	78.021	56.833	59.775	49.360	88.421	85.699	82.186	81.488	55.474
9/14/2011 3:00	59.724	92.123	73.323	61.122	53.934	56.021	70.920	59.468	64.304	58.671	63.504	78.030	56.833	59.754	49.339	88.403	85.654	82.210	81.476	55.426
9/14/2011 6:00	59.775	92.150	73.371	61.158	53.970	56.052	70.947	59.525	64.337	58.692	63.564	78.066	56.845	59.796	49.381	88.430	85.687	82.234	81.534	55.483
9/14/2011 9:00	59.805	92.141	73.395	61.170	53.979	56.064	70.974	59.549	64.358	58.704	63.588	78.084	56.885	59.805	49.390	88.439	85.699	82.294	81.558	55.483
9/14/2011 12:00	59.775	92.123	73.383	61.125	53.934	56.021	70.938	59.519	64.316	58.680	63.564	78.066	56.845	59.775	49.348	88.412	85.663	82.234	81.512	55.444
9/14/2011 15:00	59.745	92.063	73.323	61.059	53.877	55.967	70.893	59.474	64.283	58.623	63.552	78.021	56.785	59.733	49.297	88.348	85.594	82.234	81.509	55.399
9/14/2011 18:00	59.754	92.063	73.323	61.050	53.859	55.979	70.893	59.483	64.262	58.599	63.564	78.048	56.797	59.733	49.297	88.339	85.569	82.210	81.512	55.378
9/14/2011 21:00	59.784	92.075	73.359	61.050	53.868	55.979	70.911	59.513	64.283	58.623	63.6									

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW103P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
9/16/2011 18:00	60.148	92.402	73.717	61.248	54.097	56.244	71.179	59.880	64.542	58.878	63.952	78.346	57.158	60.193	49.604	88.613	85.933	82.550	81.804	55.727
9/16/2011 21:00	60.187	92.405	73.753	61.281	54.133	56.286	71.206	59.919	64.572	58.927	64.000	78.400	57.209	60.214	49.634	88.640	85.945	82.562	81.828	55.754
9/17/2011 0:00	60.157	92.414	73.741	61.248	54.106	56.253	71.179	59.910	64.542	58.891	63.964	78.373	57.158	60.205	49.613	88.622	85.945	82.550	81.804	55.736
9/17/2011 3:00	60.130	92.366	73.693	61.203	54.070	56.211	71.152	59.868	64.517	58.866	63.940	78.325	57.146	60.172	49.570	88.586	85.897	82.493	81.771	55.700
9/17/2011 6:00	60.169	92.387	73.729	61.236	54.088	56.253	71.179	59.889	64.529	58.891	63.988	78.355	57.182	60.226	49.604	88.613	85.945	82.526	81.804	55.727
9/17/2011 9:00	60.199	92.426	73.765	61.260	54.115	56.274	71.224	59.940	64.563	58.915	63.988	78.382	57.221	60.244	49.625	88.631	85.957	82.550	81.840	55.763
9/17/2011 12:00	60.199	92.405	73.741	61.236	54.106	56.253	71.215	59.931	64.563	58.891	63.988	78.364	57.197	60.244	49.613	88.613	85.957	82.550	81.840	55.763
9/17/2011 15:00	60.169	92.378	73.693	61.194	54.061	56.208	71.167	59.910	64.496	58.866	63.952	78.355	57.170	60.205	49.570	88.586	85.921	82.526	81.804	55.718
9/17/2011 18:00	60.178	92.396	73.705	61.182	54.052	56.199	71.167	59.901	64.517	58.854	63.940	78.346	57.170	60.214	49.561	88.577	85.921	82.505	81.795	55.718
9/17/2011 21:00	60.208	92.426	73.753	61.227	54.097	56.265	71.206	59.934	64.563	58.891	64.000	78.382	57.233	60.265	49.613	88.622	85.957	82.562	81.816	55.763
9/18/2011 0:00	60.199	92.414	73.753	61.215	54.088	56.238	71.188	59.949	64.542	58.878	63.976	78.364	57.221	60.256	49.604	88.613	85.945	82.538	81.795	55.754
9/18/2011 3:00	60.178	92.405	73.729	61.194	54.079	56.244	71.188	59.931	64.529	58.866	63.940	78.364	57.221	60.265	49.592	88.604	85.957	82.514	81.783	55.763
9/18/2011 6:00	60.208	92.402	73.753	61.194	54.088	56.229	71.206	59.940	64.542	58.891	63.988	78.364	57.245	60.256	49.604	88.613	85.957	82.526	81.804	55.754
9/18/2011 9:00	60.238	92.432	73.789	61.227	54.115	56.259	71.224	59.991	64.563	58.927	64.012	78.391	57.285	60.298	49.634	88.649	86.006	82.574	81.840	55.802
9/18/2011 12:00	60.238	92.435	73.753	61.215	54.097	56.250	71.206	59.991	64.551	58.927	63.976	78.400	57.245	60.298	49.613	88.631	85.969	82.574	81.840	55.784
9/18/2011 15:00	60.199	92.405	73.729	61.170	54.052	56.208	71.158	59.940	64.529	58.854	63.964	78.355	57.209	60.256	49.570	88.595	85.945	82.526	81.795	55.736
9/18/2011 18:00	60.178	92.381	73.705	61.149	54.024	56.196	71.149	59.931	64.508	58.854	63.928	78.328	57.209	60.244	49.561	88.574	85.909	82.505	81.786	55.727
9/18/2011 21:00	60.217	92.387	73.741	61.170	54.061	56.217	71.176	59.961	64.529	58.891	63.964	78.382	57.245	60.265	49.583	88.604	85.933	82.526	81.807	55.745
9/19/2011 0:00	60.187	92.366	73.705	61.137	54.034	56.190	71.149	59.925	64.496	58.845	63.940	78.337	57.209	60.244	49.540	88.565	85.921	82.514	81.774	55.727
9/19/2011 3:00	60.157	92.324	73.693	61.092	53.988	56.154	71.113	59.895	64.463	58.809	63.904	78.301	57.197	60.226	49.507	88.529	85.888	82.469	81.729	55.700
9/19/2011 6:00	60.169	92.354	73.705	61.116	54.006	56.166	71.131	59.931	64.475	58.833	63.928	78.328	57.182	60.235	49.519	88.556	85.897	82.493	81.762	55.718
9/19/2011 9:00	60.178	92.345	73.705	61.116	54.015	56.175	71.140	59.940	64.463	58.809	63.916	78.346	57.197	60.244	49.528	88.547	85.909	82.493	81.750	55.727
9/19/2011 12:00	60.130	92.285	73.657	61.038	53.943	56.112	71.077	59.880	64.433	58.764	63.865	78.301	57.158	60.193	49.465	88.502	85.852	82.445	81.717	55.661
9/19/2011 15:00	60.078	92.219	73.597	60.972	53.877	56.036	71.020	59.829	64.367	58.716	63.805	78.243	57.083	60.130	49.381	88.421	85.780	82.376	81.672	55.594
9/19/2011 18:00	60.060	92.210	73.573	60.948	53.868	56.015	71.001	59.820	64.355	58.680	63.805	78.225	57.083	60.121	49.369	88.403	85.759	82.400	81.660	55.585
9/19/2011 21:00	60.100	92.237	73.597	60.972	53.886	56.036	71.029	59.850	64.367	58.704	63.853	78.270	57.122	60.142	49.402	88.439	85.792	82.400	81.705	55.594
9/20/2011 0:00	60.100	92.228	73.585	60.948	53.859	56.027	71.010	59.829	64.355	58.704	63.817	78.243	57.095	60.130	49.369	88.421	85.771	82.409	81.660	55.585
9/20/2011 3:00	60.060	92.180	73.561	60.915	53.832	55.994	70.974	59.814	64.325	58.680	63.793	78.225	57.095	60.121	49.348	88.403	85.735	82.388	81.648	55.567
9/20/2011 6:00	60.078	92.198	73.573	60.927	53.832	56.006	70.983	59.823	64.325	58.659	63.817	78.234	57.083	60.121	49.360	88.403	85.780	82.400	81.660	55.585
9/20/2011 9:00	60.139	92.258	73.633	60.981	53.907	56.073	71.056	59.880	64.388	58.716	63.892	78.292	57.170	60.184	49.411	88.475	85.804	82.445	81.729	55.652
9/20/2011 12:00	60.118	92.267	73.609	60.948	53.877	56.049	71.038	59.853	64.367	58.716	63.865	78.279	57.158	60.172	49.402	88.448	85.804	82.445	81.717	55.633
9/20/2011 15:00	60.078	92.198	73.573	60.906	53.832	55.994	70.983	59.814	64.325	58.659	63.817	78.234	57.083	60.121	49.348	88.381	85.759	82.409	81.681	55.576
9/20/2011 18:00	60.090	92.210	73.597	60.906	53.823	56.006	70.992	59.829	64.334	58.659	63.793	78.252	57.071	60.130	49.360	88.390	85.780	82.409	81.672	55.585
9/20/2011 21:00	60.130	92.237	73.633	60.939	53.859	56.015	71.020	59.853	64.334	58.680	63.853	78.279	57.134	60.172	49.369	88.430	85.792	82.421	81.705	55.615
9/21/2011 0:00	60.118	92.246	73.621	60.927	53.859	56.027	71.001	59.853	64.334	58.680	63.829	78.270	57.134	60.172	49.381	88.430	85.804	82.457	81.729	55.624
9/21/2011 3:00	60.100	92.210	73.597	60.893	53.817	56.006	70.983	59.823	64.313	58.659	63.829	78.270	57.110	60.142	49.348	88.403	85.747	82.400	81.681	55.594
9/21/2011 6:00	60.118	92.213	73.609	60.915	53.835	56.015	70.992	59.844	64.334	58.680	63.817	78.270	57.134	60.163	49.369	88.412	85.771	82.421	81.693	55.603
9/21/2011 9:00	60.148	92.276	73.645	60.927	53.868	56.027	71.020	59.874	64.346	58.704	63.841	78.301	57.158	60.193	49.381	88.439	85.792	82.469	81.729	55.642
9/21/2011 12:00	60.109	92.222	73.597	60.869	53.814	55.985	70.983	59.838	64.313	58.647	63.805	78.270	57.122	60.151	49.339	88.390	85.759	82.409	81.681	55.603
9/21/2011 15:00	60.060	92.153	73.537	60.815	53.760	55.931	70.926	59.799	64.259	58.599	63.769	78.225	57.047	60.087	49.285	88.336	85.687	82.376	81.660	55.549
9/21/2011 18:00	60.090	92.171	73.549	60.827	53.763	55.943	70.947	59.814	64.259	58.623	63.793	78.225	57.083	60.121	49.285	88.345	85.711	82.388	81.672	55.558
9/21/2011 21:00	60.169	92.246	73.657	60.915	53.844	56.027	71.020	59.895	64.346	58.692	63.865	78.328	57.158	60.205	49.369	88.439	85.804	82.469	81.750	55.642
9/22/2011 0:00	60.178	92.246	73.633	60.881	53.817	56.015	71.010	59.883	64.334	58.692	63.865	78.319	57.146	60.205	49.360	88.412	85.783	82.457	81.750	55.615
9/22/2011 3:00	60.169	92.228	73.633	60.881	53.817	56.015	71.001	59.874	64.325	58.680	63.880	78.328	57.146	60.193	49.369	88.421	85.783	82.481	81.750	55.633
9/22/2011 6:00	60.169	92.258	73.645	60.893	53.835	56.006	71.020	59.889	64.346	58.680	63.865	78.319	57.146	60.205	49.381	88.421	85.792	82.466	81.729	55.633
9/22/2011 9:00	60.217	92.300	73.705	60.939	53.898	56.070	71.056	59.934	64.379	58.740	63.928	78.373	57.245	60.277	49.432	88.475	85.864	82.502	81.750	55.691
9/22/2011 12:00	60.238	92.309	73.717	60.927	53.889	56.070	71.056	59.934	64.379	58.740	63.916	78.382	57.233	60.277	49.423	88.475	85.828	82.538	81.795	55.691
9/22/2011 15:00	60.169	92.213	73.621	60.836	53.799	56.006	71.010	59.874	64.334	58.647	63.841	78.319	57.158	60.193	49.348	88.381	85.747	82.466	81.741	55.615
9/22/2011 18:00	60.178	92.222	73.645	60.827	53.790	55.994	70.983	59.868	64.301	58.680										

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW103P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
9/24/2011 15:00	60.169	92.069	73.573	60.617	53.664	55.901	70.908	59.853	64.226	58.530	63.805	78.319	57.122	60.142	49.255	88.282	85.642	82.478	81.729	55.519
9/24/2011 18:00	60.217	92.120	73.609	60.671	53.718	55.952	70.965	59.904	64.271	58.587	63.841	78.355	57.182	60.214	49.306	88.327	85.711	82.490	81.810	55.576
9/24/2011 21:00	60.247	92.147	73.657	60.704	53.745	55.973	70.974	59.940	64.280	58.635	63.865	78.400	57.209	60.244	49.339	88.363	85.759	82.550	81.810	55.624
9/25/2011 0:00	60.256	92.168	73.666	60.704	53.754	55.985	70.992	59.961	64.280	58.635	63.880	78.391	57.233	60.265	49.339	88.372	85.735	82.571	81.843	55.633
9/25/2011 3:00	60.247	92.138	73.657	60.671	53.727	55.952	70.983	59.925	64.280	58.647	63.853	78.382	57.182	60.235	49.318	88.345	85.735	82.514	81.810	55.594
9/25/2011 6:00	60.277	92.159	73.681	60.692	53.751	55.985	70.992	59.955	64.292	58.659	63.892	78.436	57.221	60.265	49.348	88.372	85.747	82.550	81.855	55.642
9/25/2011 9:00	60.307	92.207	73.729	60.725	53.796	56.015	71.029	60.000	64.313	58.671	63.940	78.484	57.297	60.319	49.381	88.403	85.783	82.595	81.888	55.676
9/25/2011 12:00	60.286	92.168	73.681	60.704	53.769	55.985	70.986	59.961	64.292	58.659	63.916	78.457	57.245	60.286	49.360	88.372	85.792	82.583	81.843	55.652
9/25/2011 15:00	60.226	92.090	73.609	60.626	53.679	55.901	70.911	59.889	64.226	58.587	63.829	78.391	57.146	60.214	49.276	88.291	85.675	82.514	81.810	55.549
9/25/2011 18:00	60.256	92.129	73.645	60.650	53.715	55.931	70.938	59.919	64.259	58.623	63.868	78.409	57.197	60.244	49.297	88.327	85.699	82.559	81.843	55.585
9/25/2011 21:00	60.403	92.168	73.741	60.704	53.778	56.036	71.104	60.000	64.454	58.671	64.000	78.583	57.273	60.319	49.390	88.390	85.771	82.736	82.003	55.658
9/26/2011 0:00	60.385	92.168	73.726	60.659	53.742	56.027	71.086	59.982	64.421	58.659	63.976	78.574	57.273	60.286	49.402	88.372	85.771	82.700	82.003	55.642
9/26/2011 3:00	60.403	92.138	73.741	60.650	53.733	56.015	71.077	60.000	64.409	58.647	63.952	78.565	57.285	60.286	49.423	88.372	85.759	82.712	82.003	55.639
9/26/2011 6:00	60.424	92.168	73.771	60.671	53.751	56.036	71.104	60.042	64.400	58.671	63.988	78.592	57.285	60.328	49.432	88.390	85.792	82.724	82.003	55.670
9/26/2011 9:00	60.442	92.177	73.795	60.671	53.778	56.058	71.095	60.051	64.388	58.680	64.048	78.625	57.309	60.349	49.465	88.409	85.804	82.724	82.039	55.706
9/26/2011 12:00	60.424	92.168	73.777	60.650	53.751	56.027	71.068	60.042	64.367	58.680	64.024	78.610	57.309	60.328	49.444	88.390	85.804	82.700	82.039	55.676
9/26/2011 15:00	60.394	92.099	73.738	60.611	53.715	55.994	71.032	60.000	64.334	58.635	63.976	78.574	57.257	60.307	49.402	88.354	85.747	82.700	82.003	55.649
9/26/2011 18:00	60.454	92.177	73.783	60.650	53.760	56.036	71.077	60.063	64.367	58.659	64.036	78.631	57.309	60.361	49.444	88.390	85.804	82.770	82.060	55.697
9/26/2011 21:00	60.403	92.099	73.750	60.605	53.715	55.985	71.032	60.030	64.334	58.647	64.000	78.607	57.285	60.340	49.411	88.363	85.771	82.761	82.027	55.658
9/27/2011 0:00	60.403	92.120	73.765	60.617	53.715	55.985	71.032	60.021	64.301	58.647	64.024	78.607	57.285	60.340	49.411	88.354	85.783	82.761	82.039	55.676
9/27/2011 3:00	60.403	92.099	73.765	60.581	53.697	55.964	71.023	60.012	64.301	58.599	64.000	78.616	57.257	60.328	49.381	88.336	85.747	82.782	82.051	55.658
9/27/2011 6:00	60.472	92.129	73.795	60.617	53.751	56.006	71.068	60.051	64.334	58.647	64.072	78.682	57.297	60.370	49.432	88.372	85.783	82.842	82.117	55.706
9/27/2011 9:00	60.493	92.168	73.831	60.650	53.769	56.027	71.068	60.081	64.346	58.671	64.120	78.728	57.333	60.412	49.465	88.409	85.804	82.866	82.141	55.733
9/27/2011 12:00	60.481	92.147	73.819	60.638	53.760	56.006	71.050	60.072	64.325	58.659	64.108	78.710	57.321	60.412	49.453	88.399	85.792	82.842	82.141	55.733
9/27/2011 15:00	60.424	92.099	73.762	60.548	53.679	55.931	70.986	60.000	64.271	58.611	64.060	78.691	57.245	60.349	49.369	88.318	85.747	82.818	82.096	55.639
9/27/2011 18:00	60.442	92.090	73.771	60.548	53.679	55.931	70.995	60.012	64.259	58.623	64.072	78.682	57.273	60.361	49.369	88.318	85.735	82.854	82.108	55.667
9/27/2011 21:00	60.442	92.090	73.783	60.560	53.688	55.931	71.004	60.021	64.271	58.623	64.096	78.710	57.297	60.361	49.381	88.327	85.747	82.866	82.129	55.667
9/28/2011 0:00	60.472	92.120	73.807	60.593	53.706	55.964	71.023	60.063	64.280	58.647	64.132	78.746	57.321	60.412	49.423	88.354	85.804	82.899	82.174	55.715
9/28/2011 3:00	60.463	92.081	73.783	60.557	53.667	55.943	71.004	60.030	64.271	58.611	64.120	78.737	57.297	60.391	49.390	88.327	85.759	82.887	82.174	55.676
9/28/2011 6:00	60.512	92.099	73.819	60.581	53.697	55.964	71.023	60.051	64.292	58.611	64.157	78.803	57.297	60.412	49.411	88.354	85.783	82.971	82.231	55.697
9/28/2011 9:00	60.533	92.129	73.856	60.593	53.706	55.973	71.041	60.081	64.301	58.635	64.145	78.830	57.333	60.445	49.432	88.363	85.792	82.971	82.243	55.724
9/28/2011 12:00	60.524	92.111	73.831	60.572	53.685	55.952	71.023	60.063	64.271	58.611	64.169	78.830	57.345	60.433	49.423	88.336	85.783	82.947	82.243	55.706
9/28/2011 15:00	60.481	92.060	73.783	60.527	53.622	55.889	70.974	60.012	64.226	58.566	64.157	78.803	57.257	60.382	49.369	88.288	85.735	82.935	82.210	55.658
9/28/2011 18:00	60.503	92.060	73.795	60.506	53.612	55.889	70.974	60.021	64.238	58.554	64.157	78.782	57.257	60.382	49.360	88.279	85.747	82.947	82.210	55.658
9/28/2011 21:00	60.503	92.081	73.831	60.527	53.631	55.910	70.995	60.051	64.250	58.578	64.205	78.830	57.309	60.412	49.390	88.309	85.759	82.959	82.231	55.685
9/29/2011 0:00	60.542	92.111	73.844	60.548	53.640	55.931	71.004	60.072	64.250	58.578	64.217	78.848	57.309	60.454	49.423	88.309	85.783	82.992	82.288	55.697
9/29/2011 3:00	60.524	92.072	73.831	60.506	53.612	55.901	70.986	60.030	64.238	58.554	64.181	78.821	57.297	60.412	49.381	88.279	85.759	82.983	82.276	55.667
9/29/2011 6:00	60.581	92.111	73.856	60.539	53.631	55.922	71.032	60.081	64.271	58.566	64.253	78.884	57.333	60.454	49.423	88.327	85.804	83.052	82.324	55.697
9/29/2011 9:00	60.620	92.129	73.904	60.581	53.667	55.964	71.050	60.124	64.301	58.611	64.256	78.929	57.384	60.497	49.453	88.345	85.816	83.088	82.382	55.724
9/29/2011 12:00	60.590	92.090	73.892	60.539	53.631	55.922	71.023	60.094	64.280	58.566	64.241	78.893	57.360	60.475	49.432	88.318	85.783	83.052	82.358	55.715
9/29/2011 15:00	60.542	92.042	73.831	60.481	53.564	55.856	70.965	60.030	64.217	58.530	64.229	78.866	57.257	60.424	49.381	88.243	85.759	83.040	82.300	55.630
9/29/2011 18:00	60.551	92.023	73.844	60.460	53.555	55.856	70.965	60.030	64.205	58.485	64.205	78.875	57.273	60.424	49.360	88.225	85.711	83.016	82.312	55.639
9/29/2011 21:00	60.602	92.072	73.904	60.524	53.612	55.901	71.023	60.094	64.259	58.554	64.268	78.947	57.345	60.475	49.402	88.279	85.804	83.076	82.370	55.697
9/30/2011 0:00	60.614	92.090	73.904	60.527	53.612	55.901	71.023	60.094	64.259	58.542	64.280	78.947	57.333	60.497	49.423	88.279	85.816	83.100	82.370	55.697
9/30/2011 3:00	60.581	92.042	73.880	60.478	53.573	55.868	71.004	60.051	64.226	58.518	64.268	78.929	57.285	60.475	49.402	88.243	85.771	83.088	82.346	55.667
9/30/2011 6:00	60.623	92.032	73.880	60.481	53.582	55.868	71.014	60.072	64.238	58.506	64.268	78.947	57.309	60.487	49.402	88.243	85.771	83.100	82.391	55.676
9/30/2011 9:00	60.650	92.060	73.904	60.493	53.594	55.889	71.041	60.094	64.259	58.506	64.328	78.986	57.333	60.509	49.423	88.252	85.783	83.109	82.403	55.697
9/30/2011 12:00	60.590	91.993	73.844	60.433	53.519	55.826	70.965	60.042	64.196	58.448	64.253	78.920	57.285	60.445	49.360	88.207	85.747	83.088	82.370	55.639
9/30/2011 15:00	60.524	91.906	73.771	60.343	53.438	55.742	70.893	59.961	64.117	58.355										

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW103P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
10/2/2011 12:00	61.065	92.324	74.292	60.755	53.799	56.154	71.308	60.439	64.508	58.704	64.674	79.371	57.697	60.927	49.721	88.484	86.099	83.509	82.815	56.018
10/2/2011 15:00	61.014	92.267	74.240	60.704	53.754	56.100	71.263	60.397	64.475	58.659	64.650	79.335	57.621	60.875	49.676	88.439	86.051	83.485	82.770	55.961
10/2/2011 18:00	61.056	92.297	74.292	60.722	53.763	56.121	71.281	60.427	64.496	58.659	64.674	79.362	57.657	60.906	49.721	88.466	86.075	83.509	82.815	55.985
10/2/2011 21:00	61.107	92.354	74.352	60.788	53.826	56.187	71.356	60.490	64.542	58.728	64.746	79.434	57.733	60.978	49.763	88.520	86.135	83.558	82.872	56.045
10/3/2011 0:00	61.146	92.393	74.376	60.836	53.862	56.217	71.383	60.530	64.584	58.764	64.773	79.464	57.772	61.020	49.793	88.538	86.168	83.627	82.893	56.085
10/3/2011 3:00	61.176	92.411	74.400	60.836	53.862	56.229	71.392	60.530	64.596	58.764	64.794	79.500	57.772	61.041	49.826	88.565	86.168	83.663	82.917	56.112
10/3/2011 6:00	61.215	92.460	74.436	60.878	53.898	56.259	71.420	60.581	64.626	58.809	64.854	79.528	57.820	61.074	49.856	88.610	86.216	83.696	82.974	56.148
10/3/2011 9:00	61.272	92.481	74.496	60.924	53.943	56.301	71.468	60.620	64.659	58.854	64.914	79.582	57.859	61.137	49.898	88.640	86.276	83.720	83.016	56.187
10/3/2011 12:00	61.245	92.469	74.472	60.906	53.907	56.292	71.456	60.620	64.638	58.797	64.890	79.591	57.871	61.125	49.868	88.622	86.240	83.732	82.995	56.160
10/3/2011 15:00	61.221	92.393	74.424	60.845	53.844	56.217	71.401	60.551	64.596	58.752	64.842	79.537	57.784	61.041	49.805	88.547	86.180	83.675	82.950	56.103
10/3/2011 18:00	61.233	92.420	74.448	60.869	53.871	56.250	71.429	60.590	64.617	58.797	64.878	79.564	57.847	61.095	49.847	88.586	86.204	83.720	82.962	56.148
10/3/2011 21:00	61.302	92.451	74.532	60.927	53.916	56.301	71.477	60.653	64.659	58.845	64.951	79.621	57.871	61.158	49.889	88.622	86.252	83.768	83.052	56.196
10/4/2011 0:00	61.339	92.481	74.556	60.957	53.952	56.334	71.513	60.671	64.692	58.854	64.987	79.657	57.934	61.209	49.919	88.658	86.285	83.801	83.064	56.235
10/4/2011 3:00	61.351	92.508	74.580	60.972	53.961	56.334	71.519	60.701	64.692	58.878	64.987	79.675	57.934	61.209	49.940	88.658	86.321	83.825	83.100	56.244
10/4/2011 6:00	61.408	92.547	74.613	61.014	53.997	56.385	71.558	60.734	64.746	58.903	65.038	79.702	57.982	61.251	49.986	88.703	86.369	83.837	83.155	56.289
10/4/2011 9:00	61.459	92.586	74.674	61.056	54.037	56.418	71.615	60.773	64.767	58.939	65.086	79.756	58.033	61.315	50.016	88.748	86.415	83.918	83.179	56.328
10/4/2011 12:00	61.438	92.577	74.649	61.035	54.006	56.397	71.594	60.764	64.767	58.915	65.062	79.756	57.997	61.302	50.007	88.721	86.369	83.897	83.179	56.298
10/4/2011 15:00	61.390	92.514	74.601	60.978	53.952	56.334	71.537	60.701	64.713	58.866	65.014	79.693	57.946	61.251	49.940	88.649	86.321	83.849	83.121	56.244
10/4/2011 18:00	61.402	92.523	74.625	60.966	53.952	56.343	71.537	60.734	64.713	58.845	65.014	79.702	57.958	61.251	49.940	88.667	86.333	83.861	83.121	56.253
10/4/2011 21:00	61.447	92.541	74.662	61.023	53.988	56.385	71.585	60.782	64.746	58.891	65.074	79.765	58.021	61.302	49.995	88.703	86.369	83.885	83.188	56.280
10/5/2011 0:00	61.471	92.562	74.686	61.035	53.997	56.406	71.603	60.803	64.767	58.903	65.050	79.765	58.021	61.315	50.028	88.712	86.369	83.921	83.191	56.319
10/5/2011 3:00	61.468	92.580	74.698	61.023	54.006	56.406	71.603	60.803	64.767	58.915	65.074	79.777	58.045	61.336	50.016	88.712	86.394	83.918	83.203	56.319
10/5/2011 6:00	61.507	92.586	74.722	61.077	54.037	56.451	71.639	60.854	64.800	58.939	65.122	79.822	58.085	61.378	50.058	88.748	86.427	83.955	83.245	56.355
10/5/2011 9:00	61.546	92.625	74.770	61.101	54.073	56.461	71.666	60.884	64.821	58.948	65.122	79.849	58.121	61.420	50.091	88.796	86.475	84.003	83.281	56.403
10/5/2011 12:00	61.516	92.595	74.734	61.068	54.037	56.439	71.639	60.845	64.800	58.891	65.146	79.831	58.109	61.387	50.037	88.739	86.427	83.967	83.257	56.355
10/5/2011 15:00	61.477	92.508	74.686	60.990	53.952	56.364	71.585	60.782	64.746	58.845	65.086	79.765	57.997	61.336	49.986	88.667	86.357	83.897	83.200	56.298
10/5/2011 18:00	61.477	92.514	74.686	60.999	53.952	56.376	71.585	60.803	64.734	58.845	65.086	79.765	58.045	61.336	49.986	88.685	86.382	83.897	83.200	56.298
10/5/2011 21:00	61.525	92.562	74.734	61.044	54.000	56.406	71.612	60.845	64.779	58.878	65.134	79.795	58.085	61.366	50.037	88.712	86.394	83.955	83.245	56.346
10/6/2011 0:00	61.540	92.571	74.758	61.056	54.000	56.418	71.630	60.866	64.788	58.878	65.146	79.813	58.097	61.387	50.037	88.730	86.394	83.942	83.257	56.355
10/6/2011 3:00	61.555	92.601	74.782	61.077	54.009	56.439	71.657	60.875	64.800	58.903	65.134	79.849	58.097	61.420	50.070	88.739	86.439	83.991	83.281	56.385
10/6/2011 6:00	61.597	92.619	74.830	61.110	54.055	56.473	71.687	60.915	64.833	58.939	65.194	79.876	58.145	61.471	50.100	88.787	86.475	84.003	83.302	56.430
10/6/2011 9:00	61.645	92.658	74.866	61.167	54.100	56.524	71.732	60.966	64.887	58.984	65.230	79.913	58.208	61.525	50.154	88.824	86.511	84.048	83.350	56.479
10/6/2011 12:00	61.633	92.649	74.854	61.155	54.082	56.515	71.705	60.948	64.875	58.948	65.218	79.913	58.196	61.513	50.142	88.824	86.544	84.048	83.326	56.470
10/6/2011 15:00	61.594	92.601	74.830	61.122	54.037	56.482	71.678	60.936	64.833	58.915	65.194	79.858	58.172	61.471	50.100	88.778	86.475	84.015	83.302	56.430
10/6/2011 18:00	61.606	92.619	74.818	61.110	54.046	56.494	71.696	60.948	64.842	58.939	65.206	79.876	58.160	61.504	50.112	88.796	86.511	84.027	83.314	56.448
10/6/2011 21:00	61.663	92.649	74.890	61.179	54.091	56.536	71.741	61.008	64.887	58.960	65.242	79.903	58.247	61.555	50.163	88.833	86.532	84.039	83.359	56.506
10/7/2011 0:00	61.675	92.688	74.902	61.188	54.109	56.545	71.750	61.008	64.896	58.972	65.278	79.931	58.253	61.567	50.175	88.851	86.556	84.084	83.359	56.515
10/7/2011 3:00	61.675	92.667	74.890	61.179	54.100	56.545	71.750	61.017	64.896	58.972	65.254	79.922	58.259	61.567	50.175	88.842	86.544	84.084	83.371	56.515
10/7/2011 6:00	61.718	92.715	74.938	61.212	54.139	56.566	71.786	61.059	64.929	59.020	65.290	79.952	58.301	61.597	50.217	88.866	86.580	84.096	83.395	56.563
10/7/2011 9:00	61.763	92.772	74.998	61.278	54.193	56.620	71.826	61.119	64.975	59.053	65.314	80.000	58.346	61.669	50.271	88.932	86.640	84.120	83.452	56.620
10/7/2011 12:00	61.733	92.754	74.974	61.254	54.157	56.599	71.807	61.098	64.963	59.020	65.326	79.964	58.346	61.660	50.238	88.896	86.628	84.108	83.416	56.590
10/7/2011 15:00	61.702	92.715	74.938	61.221	54.127	56.566	71.786	61.068	64.920	58.984	65.290	79.931	58.307	61.606	50.205	88.878	86.604	84.084	83.383	56.572
10/7/2011 18:00	61.733	92.745	74.974	61.245	54.157	56.587	71.795	61.098	64.951	58.996	65.326	79.961	58.352	61.648	50.229	88.896	86.628	84.096	83.407	56.599
10/7/2011 21:00	61.763	92.754	74.998	61.299	54.193	56.629	71.835	61.140	64.984	59.065	65.351	79.964	58.388	61.702	50.271	88.941	86.649	84.108	83.428	56.647
10/8/2011 0:00	61.757	92.763	74.998	61.278	54.184	56.608	71.826	61.128	64.975	59.020	65.351	79.979	58.352	61.681	50.250	88.923	86.673	84.120	83.407	56.638
10/8/2011 3:00	61.772	92.772	74.998	61.290	54.193	56.629	71.826	61.128	64.984	59.041	65.338	79.979	58.388	61.690	50.259	88.923	86.673	84.120	83.407	56.662
10/8/2011 6:00	61.793	92.802	75.022	61.324	54.211	56.650	71.844	61.170	64.996	59.065	65.351	79.991	58.403	61.712	50.292	88.962	86.661	84.108	83.440	56.674
10/8/2011 9:00	61.835	92.823	75.071	61.366	54.247	56.686	71.889	61.209	65.038	59.101	65.399	80.018	58.457	61.766	50.322	89.004	86.709	84.144	83.452	56.737
10/8/2011 12:00	61.802	92.802	75.034	61.333	54.220	56.665	71.862	61.191	65.017	59.089										

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW103P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
10/10/2011 9:00	61.468	92.484	75.440	61.056	53.934	56.379	71.585	60.948	64.734	58.728	64.987	79.585	58.241	61.462	49.973	88.685	86.427	83.732	83.016	56.455
10/10/2011 12:00	61.441	92.454	75.404	61.044	53.907	56.337	71.558	60.915	64.713	58.716	64.938	79.540	58.190	61.441	49.943	88.646	86.403	83.699	82.983	56.436
10/10/2011 15:00	61.363	92.339	75.296	60.945	53.817	56.265	71.474	60.824	64.638	58.647	64.818	79.356	58.079	61.345	49.856	88.565	86.297	83.521	82.848	56.352
10/10/2011 18:00	61.339	92.357	75.308	60.945	53.826	56.274	71.474	60.833	64.650	58.647	64.806	79.173	58.115	61.345	49.835	88.574	86.309	83.416	82.733	56.352
10/10/2011 21:00	61.302	92.366	75.320	60.945	53.826	56.274	71.474	60.845	64.650	58.635	64.782	79.016	58.127	61.357	49.856	88.565	86.297	83.254	82.571	56.361
10/11/2011 0:00	61.224	92.339	75.272	60.924	53.799	56.244	71.426	60.824	64.626	58.599	64.674	78.797	58.091	61.315	49.826	88.547	86.276	83.091	82.379	56.334
10/11/2011 3:00	61.125	92.291	75.200	60.878	53.754	56.211	71.380	60.773	64.572	58.566	64.554	78.583	58.051	61.260	49.772	88.502	86.204	82.926	82.219	56.286
10/11/2011 6:00	61.086	92.309	75.200	60.878	53.781	56.232	71.389	60.773	64.596	58.578	64.469	78.418	58.103	61.272	49.763	88.520	86.216	82.785	82.093	56.304
10/11/2011 9:00	61.017	92.291	75.188	60.899	53.772	56.220	71.362	60.764	64.584	58.578	64.385	78.270	58.091	61.260	49.751	88.520	86.240	82.670	81.946	56.313
10/11/2011 12:00	60.930	92.300	75.149	60.878	53.772	56.211	71.335	60.743	64.551	58.566	64.217	78.126	58.063	61.242	49.700	88.502	86.240	82.493	81.819	56.304
10/11/2011 15:00	60.821	92.222	75.046	60.833	53.718	56.169	71.269	60.671	64.496	58.506	64.084	77.952	58.003	61.158	49.625	88.448	86.156	82.343	81.636	56.250
10/11/2011 18:00	60.743	92.213	75.028	60.833	53.718	56.148	71.242	60.662	64.475	58.518	63.964	77.795	57.976	61.146	49.592	88.448	86.156	82.201	81.512	56.250
10/11/2011 21:00	60.674	92.240	74.992	60.845	53.727	56.148	71.215	60.641	64.463	58.530	63.853	77.666	58.015	61.137	49.570	88.448	86.156	82.120	81.398	56.268
10/12/2011 0:00	60.563	92.204	74.914	60.821	53.709	56.115	71.167	60.602	64.421	58.497	63.745	77.528	57.964	61.083	49.519	88.430	86.111	81.979	81.284	56.238
10/12/2011 3:00	60.487	92.183	74.860	60.800	53.691	56.094	71.125	60.551	64.409	58.472	63.588	77.398	57.964	61.032	49.456	88.412	86.099	81.861	81.158	56.211
10/12/2011 6:00	60.424	92.153	74.794	60.779	53.673	56.085	71.113	60.521	64.409	58.460	63.492	77.326	57.901	60.990	49.411	88.381	86.030	81.792	81.088	56.202
10/12/2011 9:00	60.367	92.204	74.767	60.800	53.718	56.106	71.116	60.521	64.421	58.497	63.432	77.353	57.928	60.978	49.423	88.403	86.063	81.780	81.055	56.229
10/12/2011 12:00	60.286	92.183	74.719	60.800	53.691	56.073	71.068	60.469	64.379	58.472	63.311	77.389	57.901	60.927	49.360	88.403	86.039	81.792	81.076	56.202
10/12/2011 15:00	60.220	92.126	74.622	60.755	53.646	56.021	71.010	60.397	64.325	58.436	63.227	77.443	57.877	60.842	49.285	88.363	86.006	81.792	81.076	56.154
10/12/2011 18:00	60.187	92.117	74.574	60.734	53.655	56.009	70.992	60.397	64.301	58.436	63.179	77.510	57.841	60.812	49.255	88.354	85.957	81.849	81.134	56.136
10/12/2011 21:00	60.187	92.153	74.550	60.779	53.682	56.021	70.995	60.388	64.313	58.448	63.191	77.609	57.865	60.791	49.255	88.381	85.982	81.943	81.227	56.166
10/13/2011 0:00	60.151	92.153	74.502	60.755	53.664	55.988	70.956	60.349	64.271	58.460	63.167	77.666	57.814	60.737	49.201	88.363	85.969	81.955	81.248	56.136
10/13/2011 3:00	60.100	92.117	74.430	60.701	53.637	55.946	70.908	60.280	64.238	58.403	63.143	77.720	57.739	60.665	49.137	88.318	85.933	81.979	81.284	56.079
10/13/2011 6:00	60.100	92.117	74.406	60.722	53.628	55.946	70.911	60.256	64.238	58.412	63.143	77.786	57.727	60.623	49.125	88.336	85.945	82.060	81.329	56.091
10/13/2011 9:00	60.109	92.135	74.394	60.722	53.637	55.946	70.917	60.256	64.238	58.412	63.179	77.849	57.721	60.590	49.116	88.345	85.945	82.144	81.398	56.109
10/13/2011 12:00	60.069	92.096	74.346	60.689	53.609	55.892	70.872	60.196	64.196	58.379	63.158	77.849	57.673	60.539	49.053	88.309	85.900	82.096	81.398	56.052
10/13/2011 15:00	60.015	92.008	74.253	60.590	53.528	55.820	70.797	60.118	64.117	58.286	63.122	77.840	57.588	60.424	48.966	88.228	85.792	82.096	81.374	55.958
10/13/2011 18:00	60.000	92.017	74.228	60.590	53.519	55.787	70.773	60.063	64.096	58.298	63.119	77.867	57.552	60.382	48.957	88.219	85.771	82.084	81.419	55.925
10/13/2011 21:00	60.054	92.078	74.274	60.656	53.573	55.841	70.827	60.103	64.151	58.343	63.227	77.961	57.603	60.412	48.999	88.291	85.828	82.189	81.476	55.970
10/14/2011 0:00	60.063	92.087	74.265	60.656	53.570	55.829	70.818	60.094	64.129	58.331	63.263	77.988	57.582	60.391	48.999	88.282	85.816	82.225	81.500	55.970
10/14/2011 3:00	60.054	92.078	74.253	60.635	53.552	55.820	70.800	60.066	64.117	58.322	63.251	78.015	57.552	60.361	48.966	88.261	85.783	82.237	81.534	55.943
10/14/2011 6:00	60.094	92.126	74.286	60.689	53.597	55.871	70.863	60.081	64.151	58.379	63.311	78.087	57.558	60.382	48.999	88.309	85.828	82.306	81.624	55.979
10/14/2011 9:00	60.169	92.165	74.346	60.755	53.661	55.925	70.911	60.163	64.205	58.436	63.456	78.162	57.657	60.433	49.062	88.372	85.888	82.388	81.705	56.018
10/14/2011 12:00	60.172	92.192	74.346	60.767	53.670	55.925	70.920	60.148	64.217	58.448	63.519	78.198	57.627	60.433	49.074	88.390	85.909	82.412	81.729	56.027
10/14/2011 15:00	60.148	92.183	74.322	60.743	53.652	55.913	70.893	60.127	64.196	58.436	63.483	78.180	57.582	60.403	49.032	88.372	85.876	82.424	81.717	56.015
10/14/2011 18:00	60.208	92.222	74.370	60.788	53.697	55.946	70.938	60.154	64.226	58.460	63.528	78.243	57.582	60.433	49.074	88.409	85.933	82.460	81.774	56.036
10/14/2011 21:00	60.265	92.300	74.430	60.866	53.760	56.009	71.004	60.220	64.280	58.530	63.636	78.319	57.691	60.487	49.137	88.481	85.994	82.553	81.876	56.094
10/15/2011 0:00	60.316	92.357	74.478	60.924	53.796	56.042	71.041	60.265	64.334	58.587	63.733	78.391	57.685	60.530	49.180	88.538	86.051	82.610	81.921	56.148
10/15/2011 3:00	60.334	92.366	74.490	60.933	53.823	56.064	71.041	60.256	64.355	58.599	63.711	78.427	57.697	60.530	49.201	88.538	86.051	82.622	81.934	56.139
10/15/2011 6:00	60.385	92.426	74.538	60.978	53.850	56.094	71.095	60.301	64.379	58.659	63.772	78.475	57.721	60.560	49.234	88.583	86.099	82.679	82.003	56.187
10/15/2011 9:00	60.424	92.463	74.562	61.023	53.907	56.136	71.143	60.340	64.421	58.680	63.832	78.538	57.760	60.590	49.276	88.610	86.135	82.752	82.060	56.196
10/15/2011 12:00	60.403	92.435	74.562	60.999	53.877	56.115	71.116	60.316	64.400	58.635	63.808	78.538	57.721	60.572	49.243	88.592	86.111	82.740	82.036	56.169
10/15/2011 15:00	60.367	92.396	74.502	60.933	53.814	56.064	71.059	60.250	64.346	58.599	63.760	78.484	57.645	60.509	49.180	88.529	86.051	82.703	82.015	56.112
10/15/2011 18:00	60.388	92.426	74.526	60.957	53.841	56.085	71.086	60.280	64.367	58.611	63.805	78.520	57.657	60.509	49.201	88.556	86.063	82.715	82.036	56.121
10/15/2011 21:00	60.472	92.502	74.598	61.023	53.907	56.148	71.143	60.319	64.421	58.692	63.904	78.574	57.709	60.581	49.276	88.628	86.123	82.809	82.093	56.187
10/16/2011 0:00	60.493	92.541	74.622	61.077	53.934	56.178	71.188	60.370	64.442	58.740	63.952	78.622	57.760	60.623	49.297	88.664	86.168	82.845	82.138	56.223
10/16/2011 3:00	60.512	92.562	74.634	61.077	53.952	56.190	71.188	60.373	64.454	58.740	63.976	78.622	57.772	60.632	49.306	88.655	86.192	82.845	82.150	56.235
10/16/2011 6:00	60.533	92.589	74.683	61.110	53.970	56.220	71.236	60.397	64.487	58.773	63.988	78.676	57.796	60.665	49.339	88.685	86.180	82.890	82.195	56.253
10/16/2011 9:00	60.590	92.637	74.731	61.167	54.024	56														

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW103P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
10/18/2011 6:00	59.588	92.348	74.111	60.821	53.661	55.871	70.764	59.940	64.129	58.472	62.734	76.959	57.384	60.184	48.777	88.345	85.804	81.347	80.643	55.868
10/18/2011 9:00	59.558	92.357	74.075	60.821	53.661	55.862	70.755	59.916	64.117	58.460	62.698	77.022	57.396	60.151	48.764	88.345	85.792	81.428	80.700	55.868
10/18/2011 12:00	59.468	92.309	73.982	60.743	53.588	55.799	70.680	59.844	64.054	58.412	62.602	77.022	57.285	60.045	48.671	88.270	85.735	81.383	80.676	55.784
10/18/2011 15:00	59.372	92.204	73.862	60.644	53.498	55.691	70.577	59.718	63.988	58.322	62.505	77.013	57.197	59.919	48.542	88.162	85.630	81.359	80.631	55.691
10/18/2011 18:00	59.342	92.144	73.801	60.590	53.444	55.661	70.577	59.660	63.967	58.286	62.478	77.055	57.146	59.847	48.500	88.135	85.557	81.395	80.676	55.633
10/18/2011 21:00	59.291	92.087	73.741	60.524	53.390	55.618	70.532	59.600	63.913	58.229	62.445	77.040	57.095	59.763	48.437	88.087	85.500	81.371	80.667	55.567
10/19/2011 0:00	59.203	91.999	73.621	60.445	53.318	55.534	70.439	59.528	63.826	58.145	62.397	76.995	56.984	59.636	48.352	87.997	85.407	81.347	80.610	55.492
10/19/2011 3:00	59.125	91.921	73.525	60.334	53.246	55.447	70.355	59.426	63.751	58.076	62.337	76.959	56.897	59.534	48.256	87.921	85.323	81.266	80.553	55.390
10/19/2011 6:00	59.065	91.843	73.465	60.268	53.188	55.396	70.310	59.366	63.708	58.018	62.289	76.938	56.827	59.450	48.202	87.867	85.242	81.218	80.541	55.333
10/19/2011 9:00	59.047	91.855	73.431	60.244	53.170	55.384	70.292	59.357	63.675	58.006	62.313	76.944	56.797	59.417	48.172	87.867	85.230	81.254	80.529	55.306
10/19/2011 12:00	59.005	91.807	73.395	60.223	53.152	55.342	70.244	59.294	63.630	57.970	62.301	76.899	56.746	59.366	48.130	87.831	85.206	81.230	80.508	55.276
10/19/2011 15:00	59.005	91.807	73.383	60.211	53.152	55.333	70.235	59.306	63.630	57.994	62.313	76.911	56.785	59.354	48.118	87.840	85.218	81.209	80.496	55.258
10/19/2011 18:00	59.125	91.969	73.513	60.388	53.318	55.480	70.385	59.447	63.751	58.169	62.481	77.055	56.897	59.501	48.256	88.015	85.383	81.335	80.643	55.426
10/19/2011 21:00	59.242	92.126	73.621	60.524	53.444	55.618	70.505	59.561	63.859	58.286	62.638	77.164	57.029	59.627	48.383	88.153	85.512	81.488	80.770	55.558
10/20/2011 0:00	59.251	92.153	73.633	60.545	53.471	55.618	70.514	59.549	63.892	58.310	62.638	77.194	57.008	59.627	48.395	88.162	85.500	81.512	80.770	55.558
10/20/2011 3:00	59.281	92.222	73.657	60.599	53.525	55.682	70.559	59.579	63.934	58.343	62.698	77.230	57.041	59.678	48.437	88.216	85.569	81.524	80.839	55.615
10/20/2011 6:00	59.330	92.291	73.717	60.677	53.588	55.736	70.595	59.651	63.967	58.448	62.761	77.284	57.104	59.721	48.479	88.279	85.666	81.582	80.872	55.679
10/20/2011 9:00	59.381	92.378	73.777	60.743	53.670	55.808	70.671	59.703	64.033	58.530	62.815	77.329	57.179	59.784	48.542	88.363	85.735	81.651	80.941	55.745
10/20/2011 12:00	59.372	92.414	73.777	60.743	53.688	55.808	70.689	59.700	64.054	58.518	62.863	77.359	57.152	59.763	48.542	88.363	85.711	81.660	80.953	55.745
10/20/2011 15:00	59.342	92.378	73.741	60.734	53.661	55.778	70.662	59.672	64.033	58.497	62.827	77.320	57.128	59.733	48.512	88.345	85.711	81.627	80.929	55.727
10/20/2011 18:00	59.372	92.454	73.789	60.788	53.715	55.829	70.698	59.721	64.075	58.578	62.869	77.221	57.179	59.784	48.563	88.409	85.759	81.582	80.872	55.754
10/20/2011 21:00	59.390	92.550	73.837	60.854	53.778	55.883	70.755	59.775	64.142	58.647	62.887	77.119	57.203	59.826	48.605	88.472	85.792	81.473	80.803	55.820
10/21/2011 0:00	59.360	92.589	73.837	60.878	53.796	55.913	70.773	59.784	64.151	58.671	62.875	76.953	57.215	59.847	48.617	88.475	85.840	81.380	80.676	55.850
10/21/2011 3:00	59.291	92.571	73.825	60.866	53.787	55.892	70.755	59.763	64.151	58.659	62.815	76.761	57.191	59.817	48.596	88.454	85.840	81.206	80.496	55.829
10/21/2011 6:00	59.242	92.628	73.837	60.924	53.832	55.934	70.782	59.772	64.172	58.704	62.749	76.622	57.239	59.838	48.617	88.520	85.864	81.100	80.403	55.859
10/21/2011 9:00	59.212	92.697	73.825	60.966	53.877	55.967	70.791	59.808	64.196	58.752	62.662	76.484	57.254	59.859	48.626	88.556	85.900	80.974	80.279	55.886
10/21/2011 12:00	59.086	92.628	73.729	60.890	53.814	55.904	70.707	59.712	64.142	58.704	62.505	76.255	57.164	59.763	48.521	88.472	85.804	80.773	80.096	55.820
10/21/2011 15:00	58.978	92.580	73.645	60.854	53.769	55.841	70.662	59.660	64.108	58.665	62.337	76.099	57.116	59.691	48.449	88.436	85.759	80.607	79.900	55.754
10/21/2011 18:00	58.897	92.619	73.633	60.878	53.796	55.883	70.653	59.645	64.096	58.677	62.277	75.970	57.128	59.691	48.449	88.445	85.783	80.490	79.798	55.784
10/21/2011 21:00	58.839	92.676	73.597	60.899	53.814	55.883	70.635	59.651	64.108	58.710	62.175	75.822	57.128	59.657	48.425	88.472	85.771	80.397	79.684	55.784
10/22/2011 0:00	58.749	92.658	73.549	60.890	53.805	55.871	70.614	59.612	64.087	58.716	62.036	75.714	57.092	59.627	48.374	88.457	85.759	80.279	79.570	55.763
10/22/2011 3:00	58.641	92.649	73.477	60.866	53.778	55.829	70.559	59.570	64.063	58.698	61.928	75.567	57.053	59.555	48.319	88.427	85.735	80.162	79.455	55.736
10/22/2011 6:00	58.584	92.658	73.456	60.890	53.805	55.850	70.568	59.549	64.054	58.710	61.832	75.446	57.065	59.543	48.298	88.454	85.723	80.045	79.359	55.754
10/22/2011 9:00	58.506	92.706	73.419	60.924	53.841	55.850	70.550	59.549	64.063	58.764	61.745	75.380	57.065	59.522	48.289	88.484	85.759	79.976	79.287	55.763
10/22/2011 12:00	58.406	92.658	73.323	60.878	53.787	55.808	70.493	59.477	64.009	58.698	61.573	75.236	57.005	59.438	48.193	88.430	85.723	79.822	79.137	55.718
10/22/2011 15:00	58.259	92.610	73.191	60.821	53.733	55.736	70.403	59.366	63.967	58.659	61.417	75.071	56.915	59.324	48.097	88.372	85.594	79.684	79.001	55.633
10/22/2011 18:00	58.190	92.658	73.143	60.821	53.751	55.736	70.385	59.348	63.946	58.680	61.333	74.986	56.903	59.269	48.043	88.372	85.618	79.591	78.923	55.633
10/22/2011 21:00	58.112	92.658	73.095	60.833	53.760	55.736	70.373	59.318	63.934	58.698	61.260	74.893	56.891	59.230	48.013	88.372	85.606	79.519	78.830	55.624
10/23/2011 0:00	58.003	92.649	73.035	60.812	53.742	55.712	70.328	59.254	63.901	58.686	61.140	74.794	56.854	59.155	47.958	88.354	85.582	79.425	78.737	55.585
10/23/2011 3:00	57.922	92.667	72.950	60.788	53.724	55.691	70.283	59.203	63.859	58.647	61.044	74.683	56.815	59.083	47.886	88.327	85.545	79.332	78.661	55.558
10/23/2011 6:00	57.865	92.676	72.902	60.812	53.742	55.691	70.280	59.185	63.871	58.686	60.936	74.610	56.779	59.050	47.865	88.345	85.536	79.275	78.577	55.567
10/23/2011 9:00	57.805	92.724	72.869	60.845	53.778	55.703	70.271	59.164	63.871	58.722	60.924	74.562	56.791	59.008	47.853	88.372	85.557	79.203	78.520	55.567
10/23/2011 12:00	57.688	92.697	72.773	60.800	53.733	55.649	70.217	59.083	63.838	58.704	60.767	74.454	56.692	58.915	47.757	88.336	85.512	79.122	78.418	55.510
10/23/2011 15:00	57.570	92.619	72.629	60.710	53.661	55.564	70.114	58.960	63.751	58.629	60.611	74.343	56.590	58.779	47.640	88.264	85.395	78.959	78.285	55.408
10/23/2011 18:00	57.489	92.619	72.592	60.710	53.661	55.543	70.096	58.909	63.729	58.617	60.539	74.253	56.578	58.716	47.610	88.246	85.395	78.887	78.228	55.390
10/23/2011 21:00	57.441	92.676	72.568	60.755	53.688	55.564	70.087	58.909	63.729	58.665	60.493	74.204	56.590	58.695	47.589	88.279	85.407	78.854	78.159	55.408
10/24/2011 0:00	57.354	92.658	72.484	60.710	53.661	55.522	70.039	58.827	63.696	58.641	60.421	74.114	56.503	58.599	47.513	88.255	85.371	78.770	78.057	55.360
10/24/2011 3:00	57.254	92.637	72.400	60.689	53.643	55.492	70.012	58.776	63.663	58.617	60.331	74.030	56.442	58.527	47.450	88.237	85.335	78.664	78.000	55.315
10/24/2011 6:00	57.194	92.649	72.340	60.677	53.634	55														

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Pressure [ft]	MW096T Pressure [ft]	MW097T Pressure [ft]	MW098TR Pressure [ft]	MW101T Pressure [ft]	MW102S Pressure [ft]	MW013P Pressure [ft]	MW126T Pressure [ft]	MW130P Pressure [ft]	MW134T Pressure [ft]	MW137T Pressure [ft]	MW138P Pressure [ft]	MW139S Pressure [ft]	MW140S Pressure [ft]	MW141T Pressure [ft]	P112A Pressure [ft]	P112B Pressure [ft]	P112C Pressure [ft]	P112D Pressure [ft]	P114A Pressure [ft]
10/26/2011 3:00	56.073	92.706	71.407	60.466	53.489	55.152	69.504	57.922	63.296	58.605	59.179	72.929	55.679	57.405	46.653	88.024	84.854	77.648	76.962	54.758
10/26/2011 6:00	56.012	92.715	71.347	60.454	53.462	55.131	69.477	57.853	63.275	58.605	59.119	72.875	55.597	57.321	46.581	88.006	84.806	77.576	76.893	54.713
10/26/2011 9:00	55.961	92.724	71.299	60.454	53.489	55.119	69.468	57.832	63.254	58.599	59.071	72.812	55.570	57.279	46.548	88.015	84.794	77.543	76.836	54.704
10/26/2011 12:00	55.817	92.676	71.194	60.379	53.408	55.026	69.365	57.709	63.188	58.530	58.939	72.683	55.447	57.143	46.419	87.942	84.688	77.413	76.734	54.581
10/26/2011 15:00	55.649	92.550	71.026	60.235	53.273	54.897	69.236	57.558	63.059	58.442	58.758	72.535	55.321	56.954	46.280	87.804	84.559	77.239	76.586	54.431
10/26/2011 18:00	55.570	92.532	70.941	60.190	53.255	54.855	69.206	57.486	63.014	58.418	58.686	72.469	55.246	56.861	46.208	87.768	84.490	77.167	76.484	54.373
10/26/2011 21:00	55.501	92.580	70.893	60.178	53.255	54.833	69.179	57.447	63.005	58.424	58.626	72.379	55.209	56.818	46.175	87.768	84.502	77.143	76.460	54.337
10/27/2011 0:00	55.414	92.532	70.821	60.157	53.237	54.812	69.125	57.375	62.951	58.418	58.542	72.334	55.134	56.746	46.112	87.732	84.430	77.061	76.391	54.298
10/27/2011 3:00	55.345	92.514	70.737	60.100	53.179	54.749	69.077	57.294	62.905	58.391	58.469	72.241	55.047	56.641	46.037	87.705	84.385	76.992	76.280	54.214
10/27/2011 6:00	55.267	92.502	70.665	60.066	53.143	54.707	69.041	57.212	62.875	58.355	58.397	72.177	54.972	56.557	45.974	87.648	84.324	76.911	76.243	54.169
10/27/2011 9:00	55.203	92.523	70.608	60.045	53.134	54.695	69.014	57.170	62.851	58.349	58.349	72.129	54.936	56.494	45.931	87.639	84.288	76.863	76.186	54.151
10/27/2011 12:00	55.065	92.454	70.511	59.967	53.071	54.611	68.920	57.059	62.776	58.304	58.241	72.000	54.833	56.367	45.814	87.575	84.231	76.758	76.066	54.046
10/27/2011 15:00	54.948	92.396	70.391	59.889	52.999	54.548	68.827	56.939	62.692	58.211	58.130	71.892	54.734	56.241	45.697	87.494	84.102	76.640	75.949	53.934
10/27/2011 18:00	54.909	92.414	70.355	59.889	53.008	54.539	68.818	56.939	62.680	58.250	58.094	71.856	54.659	56.211	45.676	87.503	84.090	76.616	75.943	53.904
10/27/2011 21:00	54.879	92.463	70.343	59.889	53.026	54.548	68.809	56.897	62.680	58.268	58.057	71.807	54.671	56.181	45.655	87.521	84.090	76.583	75.919	53.904
10/28/2011 0:00	54.812	92.454	70.283	59.877	53.008	54.518	68.782	56.854	62.647	58.262	58.033	71.771	54.611	56.118	45.613	87.494	84.054	76.523	75.849	53.859
10/28/2011 3:00	54.752	92.484	70.223	59.868	53.008	54.485	68.764	56.797	62.638	58.286	57.985	71.726	54.584	56.064	45.571	87.494	84.054	76.499	75.822	53.829
10/28/2011 6:00	54.773	92.550	70.235	59.901	53.071	54.539	68.800	56.815	62.692	58.331	57.985	71.753	54.572	56.055	45.592	87.530	84.066	76.523	75.822	53.850
10/28/2011 9:00	54.740	92.601	70.211	59.910	53.080	54.560	68.800	56.785	62.701	58.379	57.967	71.735	54.548	56.033	45.580	87.557	84.090	76.535	75.816	53.850
10/28/2011 12:00	54.671	92.610	70.150	59.889	53.053	54.518	68.755	56.725	62.668	58.361	57.889	71.678	54.473	55.970	45.516	87.521	84.042	76.466	75.765	53.784
10/28/2011 15:00	54.566	92.523	70.045	59.817	52.981	54.452	68.689	56.632	62.593	58.310	57.799	71.570	54.373	55.844	45.423	87.446	83.948	76.349	75.684	53.700
10/28/2011 18:00	54.524	92.580	70.033	59.823	52.990	54.452	68.689	56.611	62.593	58.322	57.757	71.570	54.346	55.814	45.399	87.464	83.973	76.337	75.678	53.691
10/28/2011 21:00	54.467	92.541	69.985	59.790	52.972	54.431	68.653	56.554	62.572	58.337	57.697	71.504	54.298	55.760	45.357	87.446	83.936	76.313	75.633	53.643
10/29/2011 0:00	54.376	92.532	69.889	59.724	52.927	54.358	68.596	56.461	62.505	58.298	57.624	71.441	54.223	55.655	45.285	87.383	83.867	76.207	75.549	53.558
10/29/2011 3:00	54.271	92.502	69.805	59.678	52.873	54.295	68.523	56.370	62.430	58.250	57.540	71.356	54.121	55.552	45.189	87.320	83.795	76.126	75.462	53.492
10/29/2011 6:00	54.250	92.502	69.768	59.654	52.864	54.283	68.514	56.316	62.430	58.274	57.522	71.329	54.085	55.498	45.156	87.311	83.750	76.102	75.416	53.456
10/29/2011 9:00	54.220	92.562	69.756	59.666	52.891	54.316	68.505	56.316	62.442	58.298	57.516	71.320	54.085	55.489	45.147	87.329	83.774	76.114	75.416	53.456
10/29/2011 12:00	54.169	92.550	69.708	59.645	52.864	54.283	68.487	56.277	62.421	58.286	57.456	71.257	54.009	55.426	45.104	87.311	83.750	76.078	75.383	53.408
10/29/2011 15:00	54.112	92.562	69.648	59.615	52.846	54.253	68.448	56.217	62.397	58.286	57.408	71.221	53.958	55.351	45.062	87.281	83.678	76.021	75.347	53.360
10/29/2011 18:00	54.112	92.610	69.672	59.645	52.891	54.283	68.487	56.226	62.421	58.331	57.426	71.248	53.958	55.363	45.071	87.329	83.714	76.045	75.347	53.369
10/29/2011 21:00	54.151	92.736	69.720	59.724	52.972	54.358	68.550	56.277	62.484	58.448	57.492	71.284	53.997	55.405	45.135	87.401	83.807	76.078	75.383	53.435
10/30/2011 0:00	54.130	92.784	69.720	59.757	52.999	54.379	68.550	56.247	62.496	58.460	57.468	71.284	53.997	55.393	45.125	87.428	83.831	76.078	75.392	53.444
10/30/2011 3:00	54.100	92.793	69.684	59.745	52.999	54.367	68.541	56.217	62.496	58.506	57.426	71.260	53.973	55.351	45.104	87.419	83.807	76.033	75.371	53.435
10/30/2011 6:00	54.112	92.872	69.696	59.778	53.044	54.400	68.577	56.217	62.530	58.542	57.462	71.290	53.997	55.351	45.125	87.464	83.843	76.078	75.416	53.435
10/30/2011 9:00	54.115	92.947	69.696	59.823	53.089	54.431	68.617	56.235	62.572	58.611	57.474	71.311	53.997	55.372	45.147	87.503	83.879	76.102	75.416	53.444
10/30/2011 12:00	54.034	92.929	69.636	59.790	53.053	54.400	68.568	56.175	62.551	58.554	57.408	71.248	53.910	55.300	45.083	87.464	83.819	76.057	75.383	53.396
10/30/2011 15:00	53.964	92.851	69.552	59.706	52.981	54.325	68.496	56.073	62.463	58.506	57.300	71.188	53.835	55.173	44.987	87.383	83.726	75.961	75.314	53.294
10/30/2011 18:00	53.925	92.890	69.540	59.700	52.981	54.325	68.475	56.049	62.475	58.497	57.300	71.146	53.796	55.143	44.966	87.383	83.714	75.952	75.290	53.264
10/30/2011 21:00	53.907	92.938	69.528	59.712	53.008	54.337	68.496	56.055	62.484	58.530	57.318	71.152	53.784	55.122	44.975	87.401	83.714	75.973	75.290	53.258
10/31/2011 0:00	53.838	92.929	69.471	59.666	52.963	54.304	68.448	55.973	62.451	58.530	57.239	71.086	53.709	55.059	44.912	87.362	83.669	75.916	75.245	53.219
10/31/2011 3:00	53.766	92.872	69.386	59.612	52.909	54.232	68.385	55.883	62.388	58.460	57.185	71.032	53.634	54.963	44.837	87.299	83.597	75.846	75.143	53.143
10/31/2011 6:00	53.691	92.851	69.302	59.543	52.855	54.178	68.346	55.823	62.334	58.436	57.113	70.968	53.558	54.882	44.765	87.245	83.512	75.786	75.119	53.050
10/31/2011 9:00	53.652	92.881	69.290	59.510	52.855	54.178	68.328	55.781	62.322	58.424	57.074	70.950	53.510	54.840	44.744	87.227	83.527	75.750	75.086	53.011
10/31/2011 12:00										58.379										

Notes:

ft - feet

1. Pressure readings were collected using Diver transducers. Readings have not been referenced to top of casing or corrected for barometric pressure.

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
9/1/2011 0:00	89.157	86.694	87.016	73.353	60.247	81.747	58.406	64.941	56.178	74.562	56.800	60.220	68.006	62.917	76.884	75.958	74.905
9/1/2011 3:00	89.094	86.637	86.956	73.320	60.247	81.717	58.349	64.878	56.100	74.499	56.740	60.136	67.946	62.857	76.827	75.904	74.839
9/1/2011 6:00	89.094	86.598	86.935	73.353	60.277	81.738	58.343	64.836	56.073	74.481	56.701	60.090	67.925	62.824	76.806	75.874	74.815
9/1/2011 9:00	89.082	86.568	86.914	73.377	60.289	81.756	58.328	64.806	56.061	74.460	56.671	60.048	67.895	62.815	76.767	75.846	74.794
9/1/2011 12:00	88.989	86.472	86.812	73.332	60.235	81.705	58.259	64.722	55.967	74.376	56.581	59.961	67.817	62.722	76.670	75.744	74.716
9/1/2011 15:00	88.887	86.345	86.709	73.245	60.154	81.624	58.145	64.587	55.838	74.253	56.451	59.829	67.684	62.608	76.553	75.633	74.583
9/1/2011 18:00	88.824	86.297	86.637	73.224	60.133	81.594	58.094	64.523	55.778	74.189	56.391	59.739	67.624	62.545	76.484	75.561	74.529
9/1/2011 21:00	88.836	86.267	86.637	73.257	60.163	81.612	58.103	64.514	55.757	74.189	56.382	59.724	67.615	62.545	76.475	75.543	74.517
9/2/2011 0:00	88.781	86.231	86.586	73.245	60.154	81.594	58.060	64.481	55.706	74.138	56.322	59.678	67.576	62.514	76.436	75.495	74.574
9/2/2011 3:00	88.730	86.171	86.523	73.224	60.142	81.573	58.009	64.409	55.652	74.066	56.250	59.609	67.507	62.451	76.367	75.422	74.508
9/2/2011 6:00	88.721	86.153	86.514	73.233	60.175	81.573	57.997	64.409	55.621	74.057	56.241	59.570	67.486	62.439	76.346	75.401	74.496
9/2/2011 9:00	88.679	86.114	86.472	73.245	60.142	81.582	57.976	64.376	55.585	74.015	56.202	59.522	67.447	62.400	76.319	75.365	74.463
9/2/2011 12:00	88.628	86.036	86.391	73.191	60.100	81.540	57.904	64.283	55.516	73.952	56.121	59.435	67.387	62.337	76.237	75.284	74.397
9/2/2011 15:00	88.502	85.909	86.276	73.113	60.039	81.458	57.811	64.178	55.387	73.840	56.012	59.312	67.266	62.223	76.120	75.161	74.286
9/2/2011 18:00	88.463	85.861	86.225	73.092	60.006	81.437	57.769	64.126	55.336	73.777	55.940	59.233	67.215	62.190	76.072	75.107	74.219
9/2/2011 21:00	88.463	85.882	86.225	73.137	60.057	81.467	57.778	64.135	55.348	73.786	55.940	59.248	67.227	62.202	76.072	75.107	74.231
9/3/2011 0:00	88.451	85.861	86.216	73.146	60.048	81.488	57.769	64.126	55.339	73.777	55.931	59.239	67.215	62.202	76.072	75.089	74.231
9/3/2011 3:00	88.369	85.783	86.144	73.104	60.018	81.446	57.697	64.042	55.240	73.693	55.853	59.131	67.125	62.118	75.985	74.995	74.165
9/3/2011 6:00	88.348	85.735	86.102	73.104	59.997	81.428	57.676	64.021	55.212	73.663	55.823	59.089	67.107	62.075	75.946	74.959	74.120
9/3/2011 9:00	88.315	85.717	86.072	73.113	60.018	81.428	57.654	63.979	55.188	73.654	55.793	59.074	67.065	62.066	75.925	74.941	74.087
9/3/2011 12:00	88.276	85.669	86.030	73.080	60.006	81.407	57.600	63.928	55.137	73.582	55.733	59.002	67.017	62.003	75.868	74.884	74.033
9/3/2011 15:00	88.213	85.612	85.957	73.047	59.955	81.374	57.549	63.865	55.071	73.519	55.673	58.939	66.965	61.961	75.819	74.821	73.988
9/3/2011 18:00	88.150	85.542	85.885	73.004	59.934	81.335	57.498	63.823	55.020	73.468	55.591	58.851	66.896	61.889	75.759	74.743	73.922
9/3/2011 21:00	88.162	85.560	85.906	73.047	59.943	81.356	57.519	63.823	55.020	73.477	55.612	58.851	66.905	61.910	75.759	74.764	73.922
9/4/2011 0:00	88.120	85.503	85.876	73.038	59.922	81.356	57.486	63.781	54.993	73.447	55.573	58.806	66.875	61.889	75.729	74.719	73.889
9/4/2011 3:00	88.048	85.446	85.795	72.983	59.913	81.302	57.435	63.717	54.927	73.374	55.501	58.734	66.806	61.817	75.663	74.643	73.822
9/4/2011 6:00	88.036	85.425	85.783	73.016	59.901	81.314	57.414	63.708	54.906	73.374	55.483	58.713	66.794	61.796	75.633	74.622	73.810
9/4/2011 9:00	88.015	85.416	85.774	73.025	59.934	81.335	57.414	63.687	54.897	73.353	55.483	58.686	66.785	61.796	75.612	74.613	73.801
9/4/2011 12:00	87.954	85.359	85.702	72.971	59.880	81.293	57.351	63.633	54.821	73.290	55.423	58.614	66.725	61.724	75.564	74.550	73.702
9/4/2011 15:00	87.861	85.263	85.609	72.917	59.808	81.221	57.267	63.531	54.725	73.197	55.318	58.518	66.635	61.630	75.477	74.469	73.603
9/4/2011 18:00	87.828	85.242	85.609	72.917	59.808	81.200	57.245	63.510	54.707	73.179	55.300	58.469	66.605	61.609	75.446	74.421	73.579
9/4/2011 21:00	87.819	85.233	85.600	72.926	59.841	81.209	57.236	63.510	54.683	73.167	55.282	58.469	66.596	61.618	75.437	74.421	73.579
9/5/2011 0:00	87.777	85.194	85.566	72.896	59.820	81.200	57.203	63.456	54.653	73.125	55.243	58.409	66.553	61.567	75.389	74.367	73.525
9/5/2011 3:00	87.714	85.136	85.506	72.872	59.778	81.137	57.140	63.405	54.581	73.065	55.191	58.337	66.493	61.525	75.329	74.310	73.471
9/5/2011 6:00	87.675	85.079	85.443	72.839	59.736	81.118	57.110	63.351	54.548	73.022	55.143	58.295	66.445	61.483	75.281	74.262	73.413
9/5/2011 9:00	87.642	85.058	85.425	72.839	59.724	81.118	57.089	63.330	54.527	73.001	55.122	58.274	66.424	61.453	75.272	74.225	73.392
9/5/2011 12:00	87.581	85.106	85.455	72.806	59.706	81.064	57.047	63.278	54.611	72.971	55.243	58.196	66.415	61.390	75.299	74.216	73.326
9/5/2011 15:00	87.488	85.154	85.515	72.719	59.621	80.992	56.963	63.215	54.716	72.971	55.384	58.085	66.433	61.306	75.359	74.198	73.215
9/5/2011 18:00	87.467	85.320	85.672	72.731	59.621	80.992	56.984	63.278	54.894	73.086	55.597	58.094	66.544	61.339	75.516	74.289	73.203
9/5/2011 21:00	87.476	85.464	85.825	72.719	59.630	80.992	57.005	63.351	55.077	73.197	55.787	58.091	66.686	61.369	75.672	74.403	73.194
9/6/2011 0:00	87.446	85.591	85.939	72.710	59.579	80.971	57.017	63.426	55.212	73.281	55.937	58.100	66.776	61.402	75.789	74.478	73.137
9/6/2011 3:00	87.416	85.678	86.021	72.677	59.579	80.932	57.020	63.486	55.324	73.353	56.061	58.073	66.854	61.402	75.886	74.532	73.095
9/6/2011 6:00	87.383	85.795	86.144	72.665	59.558	80.920	57.047	63.570	55.438	73.447	56.211	58.109	66.956	61.453	76.003	74.613	73.083
9/6/2011 9:00	87.416	85.918	86.267	72.686	59.588	80.941	57.104	63.663	55.585	73.582	56.361	58.187	67.077	61.546	76.132	74.710	73.083
9/6/2011 12:00	87.404	86.027	86.369	72.686	59.558	80.941	57.131	63.748	55.712	73.675	56.491	58.223	67.176	61.597	76.249	74.809	73.071
9/6/2011 15:00	87.395	86.114	86.454	72.665	59.546	80.911	57.146	63.820	55.805	73.735	56.590	58.253	67.257	61.630	76.337	74.866	73.062
9/6/2011 18:00	87.446	86.240	86.586	72.710	59.579	80.941	57.224	63.928	55.931	73.859	56.725	58.346	67.365	61.733	76.463	74.986	73.095
9/6/2011 21:00	87.509	86.385	86.730	72.764	59.642	80.992	57.324	64.060	56.091	73.985	56.891	58.485	67.507	61.847	76.601	75.125	73.170
9/7/2011 0:00	87.548	86.520	86.854	72.818	59.694	81.034	57.393	64.157	56.214	74.096	57.029	58.584	67.606	61.940	76.728	75.236	73.227
9/7/2011 3:00	87.539	86.577	86.926	72.797	59.684	81.034	57.408	64.220	56.298	74.168	57.107	58.626	67.684	61.982	76.797	75.290	73.215
9/7/2011 6:00	87.590	86.694	87.019	72.839	59.706	81.046	57.471	64.301	56.394	74.262	57.215	58.719	67.774	62.054	76.893	75.395	73.272
9/7/2011 9:00	87.612	86.772	87.112	72.851	59.724	81.064	57.522	64.376	56.503	74.334	57.306	58.794	67.856	62.130	76.983	75.468	73.293
9/7/2011 12:00	87.590	86.809	87.151	72.806	59.706	81.034	57.522	64.406	56.539	74.376	57.360	58.800	67.886	62.139	77.022	75.504	73.272
9/7/2011 15:00	87.569	86.839	87.181	72.773	59.642	81.004	57.513	64.427	56.572	74.388	57.396	58.830	67.916	62.130	77.061	75.525	73.236
9/7/2011 18:00	87.590	86.926	87.266	72.785	59.684	81.025	57.555	64.502	56.656	74.469	57.489	58.903	67.994	62.211	77.134	75.606	73.260
9/7/2011 21:00	87.633	86.995	87.338	72.806	59.694	81.025	57.606	64.575	56.740	74.553	57.570	58.987	68.066	62.283	77.206	75.681	73.314
9/8/2011 0:00	87.654	87.061	87.398	72.818	59.694	81.025	57.636	64.626	56.803	74.604							

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
9/8/2011 21:00	87.654	87.332	87.678	72.710	59.609	80.920	57.733	64.869	57.074	74.842	57.934	59.297	68.385	62.502	77.561	76.006	73.359
9/9/2011 0:00	87.663	87.380	87.708	72.719	59.609	80.932	57.763	64.899	57.116	74.893	57.988	59.351	68.424	62.545	77.597	76.051	73.380
9/9/2011 3:00	87.663	87.419	87.750	72.710	59.600	80.920	57.775	64.941	57.158	74.914	58.024	59.393	68.454	62.566	77.633	76.087	73.380
9/9/2011 6:00	87.684	87.458	87.798	72.710	59.621	80.920	57.793	64.972	57.200	74.956	58.063	59.444	68.496	62.608	77.678	76.135	73.404
9/9/2011 9:00	87.705	87.506	87.840	72.731	59.642	80.932	57.847	65.026	57.264	75.016	58.130	59.501	68.556	62.659	77.735	76.189	73.474
9/9/2011 12:00	87.696	87.536	87.861	72.710	59.600	80.911	57.826	65.047	57.273	75.007	58.148	59.528	68.565	62.659	77.750	76.198	73.459
9/9/2011 15:00	87.696	87.536	87.852	72.677	59.567	80.881	57.814	65.035	57.273	75.028	58.160	59.516	68.556	62.638	77.747	76.198	73.438
9/9/2011 18:00	87.696	87.554	87.894	72.677	59.567	80.881	57.835	65.077	57.315	75.059	58.190	59.558	68.596	62.680	77.786	76.255	73.447
9/9/2011 21:00	87.756	87.633	87.954	72.710	59.588	80.899	57.889	65.161	57.390	75.122	58.253	59.651	68.647	62.752	77.846	76.319	73.513
9/10/2011 0:00	87.777	87.672	88.006	72.719	59.621	80.911	57.919	65.182	57.420	75.161	58.283	59.691	68.695	62.782	77.885	76.358	73.570
9/10/2011 3:00	87.798	87.699	88.048	72.731	59.609	80.932	57.940	65.212	57.474	75.194	58.322	59.718	68.725	62.803	77.916	76.403	73.579
9/10/2011 6:00	87.840	87.759	88.090	72.743	59.651	80.953	57.982	65.287	57.516	75.245	58.388	59.796	68.776	62.866	77.985	76.451	73.645
9/10/2011 9:00	87.870	87.798	88.129	72.773	59.663	80.971	58.012	65.317	57.558	75.296	58.433	59.868	68.824	62.908	78.030	76.505	73.678
9/10/2011 12:00	87.849	87.786	88.129	72.731	59.642	80.941	58.003	65.317	57.558	75.287	58.433	59.856	68.815	62.899	78.030	76.505	73.702
9/10/2011 15:00	87.810	87.747	88.090	72.686	59.579	80.899	57.973	65.287	57.495	75.266	58.349	59.835	68.785	62.866	77.991	76.478	73.636
9/10/2011 18:00	87.828	87.654	87.984	72.698	59.579	80.911	57.994	65.308	57.348	75.224	58.148	59.868	68.734	62.878	77.892	76.451	73.678
9/10/2011 21:00	87.870	87.536	87.882	72.731	59.630	80.941	58.012	65.308	57.212	75.173	57.964	59.928	68.665	62.930	77.780	76.403	73.744
9/11/2011 0:00	87.912	87.440	87.780	72.773	59.663	80.971	58.024	65.287	57.065	75.101	57.808	59.979	68.587	62.939	77.642	76.349	73.801
9/11/2011 3:00	87.912	87.293	87.627	72.764	59.651	80.962	58.003	65.191	56.906	74.977	57.630	59.958	68.466	62.887	77.510	76.264	73.789
9/11/2011 6:00	87.933	87.178	87.512	72.785	59.651	80.983	57.982	65.140	56.782	74.902	57.486	59.958	68.376	62.866	77.413	76.189	73.834
9/11/2011 9:00	87.933	87.079	87.410	72.797	59.706	81.004	57.973	65.068	56.644	74.812	57.360	59.958	68.286	62.857	77.305	76.105	73.868
9/11/2011 12:00	87.912	86.926	87.284	72.785	59.672	80.983	57.898	64.963	56.500	74.686	57.179	59.898	68.156	62.764	77.149	75.985	73.856
9/11/2011 15:00	87.849	86.763	87.121	72.719	59.609	80.920	57.805	64.827	56.331	74.553	57.011	59.775	67.994	62.638	77.001	75.865	73.801
9/11/2011 18:00	87.828	86.733	87.079	72.710	59.588	80.911	57.775	64.743	56.331	74.469	57.035	59.718	67.946	62.575	76.953	75.792	73.777
9/11/2011 21:00	87.861	86.821	87.163	72.752	59.621	80.962	57.784	64.731	56.445	74.520	57.185	59.742	67.994	62.596	77.061	75.846	73.834
9/12/2011 0:00	87.861	86.908	87.254	72.764	59.651	80.953	57.784	64.752	56.560	74.553	57.330	59.703	68.045	62.575	77.119	75.886	73.844
9/12/2011 3:00	87.840	86.956	87.296	72.743	59.609	80.941	57.763	64.743	56.635	74.571	57.414	59.639	68.075	62.514	77.179	75.886	73.789
9/12/2011 6:00	87.840	87.043	87.368	72.752	59.630	80.941	57.784	64.785	56.728	74.634	57.519	59.639	68.135	62.524	77.272	75.940	73.810
9/12/2011 9:00	87.870	87.130	87.470	72.785	59.642	80.962	57.814	64.818	56.812	74.698	57.630	59.651	68.205	62.554	77.344	76.006	73.822
9/12/2011 12:00	87.810	87.139	87.470	72.731	59.609	80.920	57.784	64.815	56.845	74.698	57.660	59.588	68.217	62.524	77.368	76.006	73.777
9/12/2011 15:00	87.735	87.109	87.449	72.653	59.537	80.848	57.712	64.755	56.824	74.665	57.660	59.516	68.187	62.439	77.344	75.958	73.669
9/12/2011 18:00	87.747	87.169	87.503	72.644	59.537	80.848	57.733	64.797	56.906	74.707	57.739	59.516	68.235	62.460	77.392	76.006	73.669
9/12/2011 21:00	87.777	87.257	87.581	72.686	59.579	80.890	57.784	64.860	56.990	74.800	57.829	59.588	68.307	62.533	77.492	76.078	73.711
9/13/2011 0:00	87.789	87.296	87.627	72.677	59.546	80.869	57.775	64.890	57.032	74.821	57.859	59.609	68.346	62.554	77.540	76.105	73.711
9/13/2011 3:00	87.777	87.323	87.657	72.665	59.537	80.848	57.784	64.911	57.065	74.842	57.898	59.588	68.355	62.554	77.561	76.126	73.678
9/13/2011 6:00	87.789	87.362	87.708	72.665	59.546	80.860	57.793	64.954	57.107	74.893	57.949	59.618	68.397	62.575	77.603	76.162	73.678
9/13/2011 9:00	87.798	87.419	87.738	72.677	59.558	80.869	57.826	64.984	57.170	74.935	58.009	59.672	68.436	62.629	77.657	76.216	73.702
9/13/2011 12:00	87.789	87.401	87.759	72.644	59.507	80.839	57.805	64.996	57.170	74.923	58.009	59.651	68.436	62.608	77.669	76.207	73.678
9/13/2011 15:00	87.747	87.401	87.738	72.598	59.465	80.797	57.775	64.975	57.170	74.914	57.988	59.618	68.427	62.587	77.648	76.189	73.621
9/13/2011 18:00	87.756	87.440	87.768	72.598	59.453	80.809	57.805	65.005	57.212	74.956	58.039	59.651	68.466	62.608	77.681	76.228	73.624
9/13/2011 21:00	87.798	87.488	87.831	72.619	59.507	80.827	57.835	65.047	57.264	75.007	58.100	59.712	68.505	62.668	77.735	76.274	73.657
9/14/2011 0:00	87.789	87.497	87.840	72.619	59.495	80.818	57.835	65.068	57.285	75.016	58.118	59.751	68.535	62.689	77.765	76.292	73.657
9/14/2011 3:00	87.777	87.506	87.849	72.598	59.474	80.788	57.826	65.080	57.294	75.016	58.118	59.730	68.526	62.680	77.750	76.283	73.645
9/14/2011 6:00	87.810	87.566	87.891	72.619	59.495	80.818	57.868	65.122	57.327	75.059	58.169	59.775	68.577	62.722	77.813	76.349	73.669
9/14/2011 9:00	87.828	87.575	87.921	72.632	59.516	80.827	57.889	65.152	57.369	75.089	58.190	59.814	68.596	62.731	77.837	76.367	73.720
9/14/2011 12:00	87.789	87.545	87.882	72.589	59.486	80.788	57.847	65.110	57.336	75.059	58.169	59.805	68.577	62.701	77.798	76.340	73.675
9/14/2011 15:00	87.747	87.518	87.870	72.532	59.423	80.725	57.814	65.068	57.294	75.028	58.139	59.760	68.535	62.659	77.774	76.310	73.621
9/14/2011 18:00	87.756	87.518	87.870	72.523	59.402	80.734	57.805	65.080	57.333	75.037	58.160	59.763	68.547	62.668	77.789	76.328	73.621
9/14/2011 21:00	87.777	87.557	87.891	72.532	59.423	80.734	57.826	65.101	57.351	75.059	58.178	59.796	68.577	62.701	77.813	76.349	73.654
9/15/2011 0:00	87.789	87.566	87.894	72.532	59.432	80.734	57.847	65.131	57.357	75.080	58.190	59.835	68.587	62.722	77.825	76.367	73.657
9/15/2011 3:00	87.777	87.545	87.891	72.499	59.390	80.703	57.826	65.101	57.336	75.059	58.169	59.823	68.565	62.680	77.807	76.340	73.642
9/15/2011 6:00	87.768	87.557	87.891	72.499	59.390	80.703	57.835	65.122	57.348	75.059	58.178	59.832	68.565	62.701	77.813	76.358	73.642
9/15/2011 9:00	87.768	87.557	87.900	72.511	59.390	80.725	57.847	65.131	57.357	75.068	58.199	59.856	68.587	62.710	77.834	76.376	73.654
9/15/2011 12:00	87.756	87.536	87.861	72.475	59.360	80.673	57.793	65.089	57.327	75.037	58.169	59.841	68.556	62.668	77.795	76.340	73.630
9/15/2011 15:00	87.705	87.470	87.810	72.412	59.318	80.622	57.754	65.038	57.285	74.995	58.118	59.802	68.505	62.608	77.750	76.292	73.555
9/15/2011 18:00	87.726	87.497	87.831	72.424	59.318	80.631	57.754	65.059	57.306	75.016	58.139	59.805	68.505	62.617	77.768	76.310	73.588
9/15/2011 21:00	87.798	87.557	87.900	72.478	59.402	80.											

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
9/16/2011 18:00	88.078	87.816	88.150	72.743	59.630	80.953	58.097	65.402	57.651	75.347	58.479	60.223	68.836	62.939	78.111	76.652	74.027
9/16/2011 21:00	88.120	87.846	88.180	72.764	59.663	80.971	58.130	65.435	57.667	75.347	58.509	60.265	68.866	62.972	78.132	76.680	74.051
9/17/2011 0:00	88.099	87.828	88.150	72.737	59.621	80.941	58.097	65.402	57.657	75.338	58.479	60.256	68.836	62.951	78.099	76.661	74.027
9/17/2011 3:00	88.069	87.789	88.117	72.698	59.600	80.920	58.066	65.363	57.624	75.305	58.448	60.214	68.797	62.908	78.084	76.634	73.994
9/17/2011 6:00	88.099	87.807	88.159	72.749	59.609	80.938	58.097	65.381	57.645	75.317	58.469	60.235	68.806	62.939	78.102	76.661	74.051
9/17/2011 9:00	88.129	87.828	88.189	72.761	59.651	80.962	58.118	65.423	57.667	75.359	58.497	60.256	68.836	62.960	78.126	76.689	74.072
9/17/2011 12:00	88.129	87.828	88.180	72.749	59.651	80.941	58.118	65.414	57.679	75.338	58.488	60.256	68.827	62.939	78.117	76.680	74.060
9/17/2011 15:00	88.099	87.780	88.129	72.695	59.600	80.908	58.066	65.372	57.621	75.287	58.448	60.223	68.776	62.899	78.069	76.634	74.018
9/17/2011 18:00	88.099	87.798	88.129	72.695	59.600	80.908	58.066	65.372	57.624	75.305	58.457	60.223	68.776	62.899	78.072	76.652	74.027
9/17/2011 21:00	88.141	87.816	88.159	72.728	59.642	80.938	58.109	65.393	57.657	75.326	58.488	60.265	68.827	62.930	78.111	76.670	74.060
9/18/2011 0:00	88.129	87.807	88.171	72.716	59.621	80.920	58.088	65.393	57.660	75.338	58.479	60.265	68.827	62.917	78.111	76.670	74.072
9/18/2011 3:00	88.120	87.798	88.138	72.707	59.609	80.929	58.076	65.381	57.651	75.305	58.479	60.235	68.806	62.917	78.102	76.661	74.051
9/18/2011 6:00	88.129	87.816	88.159	72.716	59.630	80.929	58.088	65.402	57.657	75.317	58.488	60.256	68.815	62.930	78.111	76.680	74.060
9/18/2011 9:00	88.162	87.846	88.189	72.737	59.642	80.959	58.118	65.423	57.700	75.359	58.509	60.295	68.845	62.951	78.150	76.710	74.072
9/18/2011 12:00	88.162	87.837	88.192	72.728	59.630	80.941	58.109	65.414	57.682	75.347	58.509	60.286	68.845	62.939	78.132	76.710	74.084
9/18/2011 15:00	88.108	87.798	88.150	72.695	59.600	80.908	58.076	65.381	57.630	75.305	58.479	60.256	68.806	62.878	78.102	76.670	74.060
9/18/2011 18:00	88.099	87.807	88.129	72.674	59.567	80.887	58.066	65.372	57.624	75.305	58.479	60.235	68.785	62.878	78.093	76.652	74.027
9/18/2011 21:00	88.120	87.816	88.159	72.683	59.609	80.908	58.076	65.393	57.645	75.326	58.488	60.256	68.815	62.908	78.111	76.680	74.051
9/19/2011 0:00	88.099	87.789	88.141	72.662	59.579	80.878	58.054	65.360	57.630	75.317	58.469	60.235	68.797	62.887	78.093	76.661	74.006
9/19/2011 3:00	88.069	87.768	88.108	72.616	59.516	80.845	58.012	65.329	57.588	75.275	58.439	60.202	68.767	62.857	78.063	76.634	73.994
9/19/2011 6:00	88.078	87.780	88.108	72.629	59.537	80.845	58.033	65.351	57.609	75.296	58.457	60.214	68.785	62.866	78.072	76.643	73.994
9/19/2011 9:00	88.090	87.780	88.120	72.629	59.537	80.845	58.033	65.351	57.624	75.296	58.457	60.223	68.806	62.866	78.084	76.643	74.006
9/19/2011 12:00	88.036	87.750	88.069	72.574	59.474	80.806	57.994	65.308	57.582	75.254	58.418	60.163	68.746	62.815	78.033	76.607	73.961
9/19/2011 15:00	87.984	87.693	88.027	72.508	59.411	80.734	57.940	65.254	57.540	75.203	58.367	60.100	68.686	62.743	77.985	76.550	73.886
9/19/2011 18:00	87.975	87.681	88.027	72.475	59.411	80.722	57.919	65.233	57.519	75.182	58.358	60.100	68.686	62.752	77.985	76.541	73.874
9/19/2011 21:00	87.984	87.720	88.048	72.508	59.432	80.743	57.940	65.266	57.546	75.224	58.379	60.121	68.707	62.773	77.991	76.580	73.862
9/20/2011 0:00	87.975	87.702	88.036	72.487	59.390	80.712	57.919	65.245	57.531	75.203	58.367	60.112	68.695	62.752	77.991	76.559	73.840
9/20/2011 3:00	87.954	87.672	88.006	72.454	59.351	80.691	57.898	65.233	57.510	75.182	58.358	60.090	68.677	62.743	77.964	76.541	73.819
9/20/2011 6:00	87.954	87.693	88.018	72.454	59.360	80.691	57.910	65.233	57.519	75.194	58.367	60.112	68.677	62.731	77.976	76.550	73.828
9/20/2011 9:00	88.027	87.741	88.069	72.508	59.411	80.743	57.973	65.296	57.588	75.245	58.418	60.172	68.737	62.794	78.039	76.616	73.940
9/20/2011 12:00	88.006	87.729	88.069	72.508	59.396	80.722	57.952	65.287	57.573	75.233	58.418	60.163	68.725	62.764	78.033	76.607	73.907
9/20/2011 15:00	87.954	87.681	88.027	72.442	59.360	80.679	57.910	65.245	57.525	75.182	58.367	60.112	68.686	62.722	77.985	76.559	73.828
9/20/2011 18:00	87.963	87.702	88.027	72.454	59.360	80.670	57.898	65.245	57.537	75.194	58.388	60.121	68.695	62.722	77.982	76.580	73.874
9/20/2011 21:00	87.997	87.729	88.057	72.475	59.372	80.700	57.931	65.275	57.573	75.233	58.409	60.172	68.716	62.764	78.024	76.598	73.862
9/21/2011 0:00	87.984	87.729	88.069	72.463	59.351	80.712	57.931	65.275	57.582	75.224	58.418	60.172	68.725	62.773	78.024	76.607	73.907
9/21/2011 3:00	87.975	87.711	88.048	72.445	59.330	80.670	57.898	65.254	57.546	75.203	58.388	60.142	68.695	62.731	77.994	76.580	73.886
9/21/2011 6:00	87.984	87.729	88.048	72.445	59.330	80.673	57.910	65.266	57.561	75.215	58.418	60.151	68.707	62.752	78.003	76.598	73.886
9/21/2011 9:00	88.015	87.747	88.090	72.469	59.351	80.691	57.931	65.296	57.582	75.245	58.439	60.193	68.746	62.773	78.015	76.616	73.919
9/21/2011 12:00	87.975	87.720	88.057	72.445	59.318	80.649	57.910	65.266	57.552	75.215	58.409	60.142	68.695	62.722	78.003	76.589	73.874
9/21/2011 15:00	87.921	87.681	88.027	72.379	59.275	80.610	57.868	65.212	57.519	75.173	58.367	60.094	68.665	62.668	77.964	76.550	73.819
9/21/2011 18:00	87.933	87.690	88.027	72.379	59.266	80.619	57.877	65.224	57.531	75.194	58.388	60.121	68.686	62.710	77.976	76.559	73.795
9/21/2011 21:00	88.015	87.777	88.120	72.469	59.381	80.694	57.961	65.308	57.615	75.254	58.469	60.214	68.755	62.782	78.063	76.652	73.895
9/22/2011 0:00	88.006	87.777	88.120	72.445	59.339	80.673	57.952	65.296	57.615	75.245	58.469	60.193	68.755	62.773	78.042	76.643	73.874
9/22/2011 3:00	88.027	87.777	88.108	72.445	59.345	80.661	57.940	65.308	57.603	75.245	58.472	60.196	68.746	62.773	78.042	76.652	73.874
9/22/2011 6:00	88.027	87.777	88.120	72.436	59.351	80.670	57.940	65.308	57.603	75.254	58.479	60.223	68.755	62.782	78.054	76.661	73.895
9/22/2011 9:00	88.069	87.816	88.150	72.478	59.390	80.703	57.982	65.360	57.657	75.305	58.518	60.265	68.797	62.824	78.102	76.701	73.961
9/22/2011 12:00	88.069	87.834	88.159	72.478	59.381	80.725	58.003	65.360	57.667	75.305	58.539	60.274	68.806	62.815	78.111	76.719	73.940
9/22/2011 15:00	88.015	87.777	88.099	72.412	59.309	80.652	57.940	65.296	57.615	75.245	58.469	60.214	68.746	62.743	78.063	76.652	73.862
9/22/2011 18:00	88.006	87.768	88.099	72.391	59.297	80.631	57.919	65.275	57.603	75.233	58.469	60.202	68.737	62.743	78.042	76.643	73.874
9/22/2011 21:00	88.015	87.786	88.120	72.403	59.291	80.643	57.952	65.296	57.615	75.254	58.479	60.235	68.755	62.752	78.063	76.661	73.874
9/23/2011 0:00	88.006	87.768	88.120	72.379	59.297	80.622	57.931	65.275	57.615	75.245	58.479	60.214	68.725	62.731	78.054	76.652	73.840
9/23/2011 3:00	87.963	87.729	88.069	72.325	59.239	80.571	57.889	65.245	57.561	75.194	58.418	60.151	68.686	62.680	78.003	76.607	73.795
9/23/2011 6:00	87.933	87.699	88.036	72.304	59.209	80.538	57.847	65.212	57.540	75.173	58.397	60.136	68.665	62.668	77.976	76.580	73.774
9/23/2011 9:00	87.975	87.729	88.069	72.337	59.230	80.571	57.877	65.254	57.573	75.215	58.439	60.157	68.707	62.689	78.024	76.625	73.795
9/23/2011 12:00	88.036	87.807	88.120	72.403	59.281	80.631	57.940	65.308	57.636	75.275	58.509	60.193	68.767	62.731	78.093	76.701	73.819
9/23/2011 15:00	87.963	87.720	88.078	72.337	59.218	80.559	57.877	65.245	57.594	75.224	58.448	60.136	68.707	62.668	78.015	76.625	73.696
9/23/2011 18:00	87.954	87.720	88.078	72.316	59.20												

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
9/24/2011 15:00	87.972	87.777	88.120	72.304	59.188	80.538	57.877	65.275	57.615	75.245	58.488	60.193	68.746	62.722	78.054	76.670	73.753
9/24/2011 18:00	88.024	87.825	88.159	72.358	59.239	80.571	57.931	65.317	57.657	75.296	58.539	60.256	68.806	62.773	78.102	76.710	73.807
9/24/2011 21:00	88.045	87.855	88.192	72.379	59.260	80.580	57.952	65.360	57.700	75.326	58.563	60.289	68.827	62.812	78.132	76.746	73.840
9/25/2011 0:00	88.057	87.864	88.213	72.379	59.281	80.601	57.976	65.381	57.709	75.347	58.593	60.310	68.857	62.842	78.150	76.764	73.840
9/25/2011 3:00	88.036	87.864	88.201	72.346	59.239	80.580	57.940	65.360	57.721	75.326	58.578	60.268	68.827	62.803	78.132	76.746	73.828
9/25/2011 6:00	88.066	87.903	88.231	72.379	59.260	80.601	57.976	65.402	57.730	75.368	58.617	60.310	68.866	62.845	78.162	76.782	73.840
9/25/2011 9:00	88.087	87.933	88.273	72.403	59.291	80.622	57.997	65.435	57.763	75.389	58.638	60.340	68.896	62.899	78.210	76.821	73.886
9/25/2011 12:00	88.078	87.903	88.252	72.379	59.248	80.589	57.973	65.402	57.763	75.380	58.629	60.331	68.875	62.866	78.189	76.803	73.874
9/25/2011 15:00	88.003	87.855	88.192	72.304	59.188	80.529	57.925	65.351	57.700	75.317	58.578	60.259	68.827	62.770	78.123	76.746	73.774
9/25/2011 18:00	88.045	87.903	88.243	72.337	59.197	80.550	57.946	65.393	57.730	75.368	58.614	60.289	68.857	62.821	78.162	76.773	73.807
9/25/2011 21:00	88.210	88.060	88.396	72.511	59.375	80.673	58.082	65.558	57.877	75.492	58.767	60.379	69.026	62.939	78.319	76.941	73.886
9/26/2011 0:00	88.180	88.039	88.375	72.511	59.387	80.643	58.082	65.537	57.865	75.492	58.749	60.379	68.996	62.939	78.298	76.914	73.862
9/26/2011 3:00	88.189	88.057	88.387	72.478	59.366	80.643	58.094	65.540	57.877	75.504	58.752	60.391	69.008	62.957	78.307	76.923	73.862
9/26/2011 6:00	88.201	88.078	88.418	72.478	59.354	80.652	58.103	65.561	57.898	75.534	58.782	60.424	69.038	62.990	78.337	76.941	73.874
9/26/2011 9:00	88.222	88.096	88.427	72.478	59.354	80.652	58.115	65.570	57.907	75.546	58.791	60.445	69.056	63.023	78.358	76.959	73.895
9/26/2011 12:00	88.189	88.090	88.427	72.469	59.354	80.643	58.103	65.561	57.892	75.534	58.791	60.445	69.047	62.999	78.337	76.941	73.886
9/26/2011 15:00	88.150	88.060	88.396	72.424	59.281	80.610	58.073	65.519	57.871	75.519	58.758	60.403	69.026	62.978	78.328	76.923	73.853
9/26/2011 18:00	88.189	88.126	88.469	72.457	59.345	80.643	58.124	65.582	57.946	75.585	58.833	60.463	69.077	63.041	78.385	76.977	73.895
9/26/2011 21:00	88.150	88.108	88.418	72.424	59.303	80.589	58.082	65.570	57.913	75.561	58.806	60.433	69.065	63.032	78.358	76.950	73.895
9/27/2011 0:00	88.159	88.117	88.439	72.424	59.324	80.601	58.082	65.570	57.928	75.570	58.806	60.454	69.086	63.041	78.367	76.959	73.895
9/27/2011 3:00	88.150	88.126	88.448	72.412	59.281	80.589	58.082	65.570	57.940	75.570	58.812	60.445	69.095	63.041	78.367	76.959	73.874
9/27/2011 6:00	88.201	88.195	88.499	72.457	59.345	80.622	58.124	65.633	57.985	75.621	58.882	60.484	69.155	63.104	78.436	77.025	73.928
9/27/2011 9:00	88.222	88.225	88.541	72.478	59.354	80.631	58.145	65.663	58.033	75.675	58.909	60.536	69.176	63.167	78.463	77.052	73.952
9/27/2011 12:00	88.210	88.234	88.541	72.469	59.345	80.622	58.133	65.654	58.018	75.663	58.909	60.536	69.185	63.155	78.454	77.043	73.940
9/27/2011 15:00	88.150	88.186	88.499	72.403	59.269	80.571	58.094	65.624	57.976	75.621	58.878	60.463	69.137	63.104	78.445	77.004	73.874
9/27/2011 18:00	88.141	88.204	88.511	72.403	59.260	80.550	58.103	65.633	58.003	75.642	58.894	60.475	69.155	63.125	78.436	77.025	73.862
9/27/2011 21:00	88.159	88.213	88.550	72.412	59.303	80.559	58.103	65.654	58.012	75.663	58.894	60.497	69.167	63.155	78.475	77.040	73.886
9/28/2011 0:00	88.162	88.252	88.571	72.436	59.324	80.580	58.115	65.696	58.048	75.693	58.933	60.536	69.197	63.197	78.493	77.070	73.928
9/28/2011 3:00	88.162	88.252	88.571	72.412	59.291	80.550	58.115	65.696	58.048	75.693	58.939	60.515	69.206	63.188	78.484	77.061	73.907
9/28/2011 6:00	88.183	88.300	88.622	72.436	59.333	80.580	58.133	65.738	58.109	75.735	58.987	60.548	69.257	63.218	78.532	77.116	73.928
9/28/2011 9:00	88.213	88.330	88.655	72.457	59.354	80.601	58.166	65.769	58.124	75.777	59.002	60.584	69.287	63.260	78.562	77.137	73.952
9/28/2011 12:00	88.192	88.321	88.643	72.445	59.333	80.559	58.145	65.760	58.112	75.756	58.999	60.584	69.287	63.248	78.541	77.125	73.940
9/28/2011 15:00	88.141	88.291	88.604	72.391	59.269	80.517	58.103	65.726	58.091	75.726	58.969	60.554	69.236	63.218	78.514	77.098	73.886
9/28/2011 18:00	88.150	88.312	88.634	72.379	59.269	80.517	58.115	65.738	58.091	75.747	58.987	60.548	69.266	63.227	78.532	77.107	73.895
9/28/2011 21:00	88.162	88.330	88.655	72.412	59.281	80.538	58.124	65.769	58.112	75.765	58.993	60.587	69.296	63.260	78.562	77.143	73.907
9/29/2011 0:00	88.171	88.369	88.685	72.412	59.303	80.538	58.154	65.790	58.145	75.786	59.047	60.620	69.317	63.281	78.592	77.152	73.940
9/29/2011 3:00	88.171	88.360	88.664	72.391	59.269	80.529	58.133	65.769	58.145	75.786	59.032	60.587	69.305	63.260	78.592	77.152	73.919
9/29/2011 6:00	88.213	88.409	88.715	72.436	59.312	80.550	58.175	65.832	58.202	75.840	59.083	60.641	69.356	63.323	78.640	77.200	73.952
9/29/2011 9:00	88.243	88.457	88.778	72.457	59.333	80.580	58.229	65.886	58.244	75.871	59.116	60.680	69.396	63.363	78.670	77.248	73.994
9/29/2011 12:00	88.213	88.436	88.745	72.424	59.303	80.538	58.208	65.853	58.217	75.849	59.101	60.659	69.365	63.354	78.649	77.227	73.961
9/29/2011 15:00	88.162	88.399	88.706	72.358	59.218	80.496	58.154	65.811	58.181	75.807	59.062	60.608	69.335	63.290	78.619	77.191	73.907
9/29/2011 18:00	88.162	88.387	88.715	72.358	59.230	80.487	58.154	65.823	58.175	75.819	59.062	60.620	69.347	63.290	78.631	77.200	73.907
9/29/2011 21:00	88.213	88.457	88.766	72.391	59.281	80.508	58.208	65.886	58.250	75.871	59.137	60.671	69.408	63.363	78.679	77.245	73.994
9/30/2011 0:00	88.201	88.457	88.787	72.412	59.281	80.517	58.208	65.886	58.250	75.892	59.140	60.719	69.417	63.384	78.698	77.263	74.018
9/30/2011 3:00	88.183	88.448	88.766	72.370	59.239	80.487	58.187	65.874	58.238	75.871	59.131	60.680	69.396	63.354	78.688	77.254	73.973
9/30/2011 6:00	88.201	88.475	88.799	72.379	59.260	80.496	58.208	65.895	58.250	75.901	59.140	60.692	69.417	63.363	78.710	77.263	73.994
9/30/2011 9:00	88.222	88.505	88.818	72.391	59.269	80.508	58.229	65.916	58.280	75.922	59.188	60.722	69.447	63.396	78.728	77.302	74.018
9/30/2011 12:00	88.171	88.457	88.799	72.325	59.197	80.457	58.166	65.853	58.238	75.871	59.158	60.671	69.408	63.342	78.688	77.245	73.940
9/30/2011 15:00	88.090	88.399	88.727	72.250	59.134	80.373	58.094	65.802	58.166	75.819	59.077	60.587	69.335	63.269	78.610	77.191	73.862
9/30/2011 18:00	88.120	88.418	88.745	72.271	59.155	80.394	58.115	65.832	58.196	75.840	59.098	60.620	69.356	63.302	78.640	77.218	73.874
9/30/2011 21:00	88.213	88.523	88.860	72.379	59.239	80.478	58.217	65.928	58.301	75.943	59.197	60.761	69.456	63.426	78.737	77.311	73.994
10/1/2011 0:00	88.243	88.580	88.911	72.412	59.269	80.517	58.259	65.988	58.364	75.985	59.257	60.803	69.516	63.477	78.788	77.374	74.060
10/1/2011 3:00	88.273	88.592	88.932	72.412	59.281	80.529	58.271	66.009	58.376	76.009	59.275	60.824	69.525	63.489	78.806	77.392	74.093
10/1/2011 6:00	88.336	88.670	88.995	72.478	59.345	80.577	58.343	66.072	58.439	76.078	59.333	60.909	69.597	63.540	78.866	77.449	74.150
10/1/2011 9:00	88.378	88.718	89.046	72.511	59.387	80.622	58.385	66.114	58.497	76.117	59.396	60.948	69.645	63.594	78.914	77.504	74.204
10/1/2011 12:00	88.378	88.697	89.046	72.499	59.375	80.607	58.385	66.126	58.491	76.132	59.387	60.948	69.636	63.573	78.914	77.513	74.204
10/1/2011 15:00	88.378	88.697	89.046	72.469	59.35												

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
10/2/2011 12:00	88.562	88.899	89.251	72.610	59.501	80.734	58.542	66.313	58.689	76.319	59.597	61.146	69.847	63.760	79.119	77.708	74.382
10/2/2011 15:00	88.511	88.872	89.221	72.556	59.426	80.691	58.500	66.283	58.665	76.280	59.567	61.104	69.808	63.717	79.079	77.678	74.349
10/2/2011 18:00	88.553	88.911	89.248	72.577	59.447	80.712	58.542	66.325	58.689	76.319	59.597	61.146	69.838	63.769	79.119	77.717	74.382
10/2/2011 21:00	88.604	88.968	89.323	72.632	59.510	80.752	58.605	66.367	58.752	76.391	59.657	61.218	69.907	63.832	79.179	77.792	74.457
10/3/2011 0:00	88.646	89.007	89.344	72.653	59.543	80.785	58.626	66.409	58.785	76.412	59.688	61.248	69.946	63.874	79.206	77.819	74.490
10/3/2011 3:00	88.655	89.034	89.374	72.677	59.531	80.806	58.647	66.439	58.806	76.442	59.718	61.278	69.976	63.904	79.227	77.837	74.502
10/3/2011 6:00	88.709	89.073	89.416	72.698	59.573	80.827	58.689	66.481	58.848	76.484	59.778	61.321	70.015	63.937	79.266	77.879	74.535
10/3/2011 9:00	88.730	89.121	89.467	72.743	59.603	80.866	58.731	66.532	58.900	76.526	59.817	61.372	70.066	63.979	79.314	77.931	74.568
10/3/2011 12:00	88.709	89.130	89.467	72.719	59.615	80.857	58.719	66.511	58.900	76.526	59.805	61.357	70.066	63.979	79.326	77.937	74.556
10/3/2011 15:00	88.676	89.064	89.413	72.644	59.531	80.794	58.668	66.460	58.836	76.484	59.766	61.287	70.006	63.904	79.275	77.879	74.502
10/3/2011 18:00	88.697	89.094	89.446	72.677	59.552	80.815	58.710	66.502	58.885	76.517	59.790	61.330	70.045	63.958	79.314	77.919	74.535
10/3/2011 21:00	88.748	89.151	89.506	72.731	59.603	80.857	58.749	66.566	58.942	76.568	59.856	61.393	70.087	64.009	79.365	77.976	74.589
10/4/2011 0:00	88.802	89.199	89.536	72.743	59.624	80.887	58.803	66.608	58.975	76.598	59.877	61.444	70.147	64.039	79.404	78.009	74.634
10/4/2011 3:00	88.812	89.218	89.545	72.752	59.624	80.887	58.782	66.617	58.984	76.607	59.889	61.465	70.156	64.060	79.413	78.033	74.628
10/4/2011 6:00	88.842	89.257	89.587	72.773	59.645	80.929	58.845	66.659	59.017	76.661	59.931	61.504	70.186	64.114	79.452	78.069	74.701
10/4/2011 9:00	88.884	89.305	89.651	72.818	59.709	80.959	58.888	66.701	59.077	76.713	59.997	61.555	70.247	64.154	79.500	78.111	74.746
10/4/2011 12:00	88.875	89.305	89.639	72.797	59.688	80.938	58.875	66.710	59.056	76.692	59.976	61.537	70.238	64.132	79.491	78.117	74.716
10/4/2011 15:00	88.824	89.239	89.599	72.731	59.624	80.899	58.812	66.650	59.026	76.640	59.946	61.474	70.195	64.081	79.431	78.075	74.649
10/4/2011 18:00	88.842	89.257	89.611	72.731	59.615	80.887	58.824	66.668	59.026	76.649	59.937	61.486	70.195	64.093	79.452	78.084	74.674
10/4/2011 21:00	88.884	89.287	89.651	72.773	59.636	80.929	58.875	66.701	59.068	76.692	59.979	61.543	70.238	64.132	79.491	78.120	74.722
10/5/2011 0:00	88.896	89.305	89.672	72.785	59.657	80.929	58.875	66.710	59.089	76.722	60.006	61.567	70.256	64.154	79.510	78.141	74.707
10/5/2011 3:00	88.905	89.317	89.669	72.773	59.666	80.950	58.888	66.731	59.098	76.734	60.015	61.573	70.268	64.166	79.510	78.150	74.713
10/5/2011 6:00	88.935	89.353	89.690	72.818	59.678	80.971	58.930	66.773	59.131	76.764	60.054	61.627	70.298	64.208	79.561	78.195	74.773
10/5/2011 9:00	88.968	89.392	89.732	72.839	59.718	81.001	58.960	66.806	59.161	76.794	60.078	61.669	70.328	64.238	79.579	78.222	74.794
10/5/2011 12:00	88.947	89.365	89.702	72.797	59.666	80.971	58.930	66.773	59.131	76.764	60.048	61.627	70.316	64.208	79.561	78.204	74.755
10/5/2011 15:00	88.905	89.317	89.651	72.743	59.594	80.917	58.875	66.722	59.077	76.713	60.015	61.567	70.268	64.154	79.510	78.150	74.674
10/5/2011 18:00	88.917	89.317	89.651	72.731	59.594	80.908	58.875	66.731	59.077	76.722	60.015	61.597	70.256	64.154	79.510	78.141	74.674
10/5/2011 21:00	88.935	89.344	89.681	72.752	59.624	80.929	58.918	66.764	59.119	76.755	60.045	61.630	70.298	64.196	79.540	78.177	74.740
10/6/2011 0:00	88.950	89.353	89.702	72.764	59.645	80.950	58.930	66.773	59.140	76.764	60.054	61.636	70.307	64.217	79.561	78.204	74.761
10/6/2011 3:00	88.977	89.383	89.723	72.785	59.657	80.971	58.948	66.806	59.161	76.785	60.066	61.669	70.328	64.238	79.579	78.222	74.773
10/6/2011 6:00	89.001	89.413	89.756	72.806	59.688	80.992	58.969	66.827	59.173	76.815	60.097	61.718	70.346	64.280	79.618	78.252	74.815
10/6/2011 9:00	89.049	89.452	89.795	72.851	59.730	81.043	59.023	66.878	59.224	76.857	60.139	61.760	70.397	64.310	79.666	78.288	74.881
10/6/2011 12:00	89.031	89.452	89.795	72.830	59.718	81.022	59.011	66.869	59.215	76.857	60.136	61.760	70.388	64.301	79.648	78.279	74.860
10/6/2011 15:00	89.022	89.425	89.762	72.806	59.666	80.992	58.969	66.848	59.194	76.827	60.106	61.712	70.367	64.268	79.609	78.261	74.848
10/6/2011 18:00	89.031	89.422	89.753	72.797	59.678	80.998	58.990	66.848	59.194	76.827	60.106	61.733	70.367	64.280	79.618	78.252	74.860
10/6/2011 21:00	89.082	89.464	89.795	72.851	59.709	81.028	59.023	66.890	59.245	76.866	60.139	61.790	70.397	64.322	79.666	78.298	74.905
10/7/2011 0:00	89.103	89.473	89.813	72.851	59.709	81.052	59.044	66.899	59.257	76.887	60.151	61.790	70.415	64.331	79.678	78.316	74.926
10/7/2011 3:00	89.094	89.473	89.804	72.851	59.718	81.052	59.044	66.899	59.245	76.878	60.157	61.790	70.415	64.322	79.678	78.325	74.938
10/7/2011 6:00	89.145	89.491	89.834	72.872	59.751	81.094	59.074	66.932	59.288	76.908	60.175	61.823	70.445	64.373	79.696	78.343	74.959
10/7/2011 9:00	89.187	89.527	89.861	72.917	59.781	81.143	59.128	66.972	59.309	76.950	60.205	61.895	70.475	64.415	79.744	78.388	75.013
10/7/2011 12:00	89.175	89.512	89.834	72.884	59.772	81.122	59.095	66.941	59.288	76.920	60.196	61.865	70.466	64.373	79.705	78.364	74.992
10/7/2011 15:00	89.145	89.482	89.813	72.863	59.739	81.082	59.065	66.932	59.257	76.899	60.175	61.823	70.427	64.343	79.687	78.334	74.959
10/7/2011 18:00	89.157	89.500	89.813	72.872	59.739	81.103	59.095	66.932	59.278	76.920	60.175	61.847	70.457	64.373	79.705	78.352	74.980
10/7/2011 21:00	89.196	89.521	89.855	72.905	59.781	81.134	59.116	66.962	59.300	76.950	60.217	61.898	70.475	64.415	79.726	78.382	75.046
10/8/2011 0:00	89.187	89.512	89.846	72.896	59.781	81.134	59.095	66.953	59.288	76.920	60.196	61.874	70.457	64.394	79.726	78.367	75.025
10/8/2011 3:00	89.218	89.521	89.846	72.905	59.772	81.137	59.128	66.972	59.288	76.929	60.205	61.883	70.466	64.382	79.735	78.382	75.037
10/8/2011 6:00	89.239	89.530	89.855	72.926	59.814	81.164	59.137	66.984	59.309	76.950	60.205	61.919	70.475	64.415	79.735	78.400	75.071
10/8/2011 9:00	89.269	89.551	89.876	72.950	59.865	81.194	59.167	67.005	59.342	76.971	60.229	61.946	70.496	64.445	79.765	78.418	75.104
10/8/2011 12:00	89.251	89.521	89.855	72.917	59.814	81.155	59.146	66.984	59.309	76.938	60.205	61.916	70.475	64.403	79.726	78.406	75.071
10/8/2011 15:00	89.175	89.434	89.762	72.830	59.739	81.103	59.053	66.890	59.224	76.866	60.109	61.832	70.397	64.310	79.648	78.307	74.980
10/8/2011 18:00	89.175	89.434	89.774	72.839	59.739	81.103	59.074	66.899	59.224	76.857	60.115	61.844	70.388	64.322	79.648	78.322	74.992
10/8/2011 21:00	89.175	89.434	89.774	72.851	59.730	81.103	59.074	66.878	59.224	76.857	60.115	61.853	70.388	64.322	79.657	78.316	74.992
10/9/2011 0:00	89.166	89.404	89.732	72.818	59.709	81.070	59.044	66.848	59.194	76.827	60.075	61.823	70.346	64.289	79.627	78.279	74.971
10/9/2011 3:00	89.145	89.395	89.711	72.806	59.688	81.061	59.032	66.827	59.173	76.806	60.054	61.790	70.337	64.268	79.588	78.261	74.947
10/9/2011 6:00	89.166	89.377	89.696	72.785	59.688	81.070	59.023	66.827	59.152	76.794	60.054	61.790	70.328	64.259	79.588	78.252	74.959
10/9/2011 9:00	89.175	89.377	89.696	72.806	59.709	81.061	59.032	66.836	59.161	76.806	60.036	61.826	70.328	64.268	79.600	78.267	74.980
10/9/2011 12:00	89.136	89.329	89.660	72.764	59.66												

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
10/10/2011 9:00	89.001	89.085	89.428	72.589	59.489	80.875	58.812	66.587	58.891	76.535	59.766	61.564	70.075	64.018	79.326	78.006	74.761
10/10/2011 12:00	88.959	89.055	89.377	72.556	59.447	80.854	58.791	66.532	58.848	76.496	59.727	61.534	70.027	63.979	79.296	77.970	74.761
10/10/2011 15:00	88.905	88.881	89.218	72.469	59.375	80.782	58.698	66.451	58.626	76.370	59.456	61.429	69.898	63.883	79.110	77.858	74.649
10/10/2011 18:00	88.887	88.727	89.073	72.478	59.387	80.791	58.689	66.409	58.418	76.289	59.227	61.429	69.795	63.883	78.953	77.765	74.649
10/10/2011 21:00	88.887	88.553	88.893	72.478	59.387	80.782	58.656	66.346	58.235	76.174	59.008	61.420	69.657	63.853	78.806	77.645	74.674
10/11/2011 0:00	88.854	88.360	88.706	72.445	59.366	80.761	58.572	66.220	58.006	76.021	58.749	61.357	69.486	63.781	78.580	77.489	74.616
10/11/2011 3:00	88.812	88.165	88.493	72.403	59.333	80.719	58.500	66.072	57.799	75.834	58.518	61.266	69.305	63.687	78.406	77.338	74.574
10/11/2011 6:00	88.802	88.021	88.357	72.412	59.312	80.731	58.479	65.979	57.630	75.729	58.328	61.224	69.185	63.633	78.258	77.236	74.595
10/11/2011 9:00	88.781	87.867	88.213	72.412	59.312	80.740	58.427	65.874	57.450	75.597	58.160	61.182	69.056	63.573	78.102	77.116	74.583
10/11/2011 12:00	88.748	87.720	88.060	72.391	59.303	80.719	58.352	65.747	57.285	75.462	57.988	61.089	68.926	63.477	77.946	76.977	74.562
10/11/2011 15:00	88.667	87.536	87.873	72.337	59.248	80.658	58.259	65.591	57.104	75.296	57.778	60.936	68.746	63.342	77.768	76.821	74.496
10/11/2011 18:00	88.637	87.401	87.750	72.337	59.239	80.667	58.196	65.498	56.984	75.194	57.639	60.842	68.626	63.260	77.633	76.710	74.484
10/11/2011 21:00	88.625	87.296	87.636	72.337	59.230	80.658	58.145	65.402	56.833	75.089	57.519	60.779	68.526	63.206	77.516	76.598	74.475
10/12/2011 0:00	88.574	87.160	87.503	72.304	59.197	80.637	58.060	65.278	56.695	74.965	57.351	60.656	68.397	63.104	77.377	76.469	74.406
10/12/2011 3:00	88.532	87.034	87.380	72.304	59.197	80.616	57.997	65.173	56.566	74.842	57.218	60.545	68.286	62.999	77.260	76.367	74.397
10/12/2011 6:00	88.511	86.947	87.287	72.304	59.209	80.637	57.967	65.101	56.482	74.779	57.131	60.439	68.205	62.939	77.182	76.283	74.319
10/12/2011 9:00	88.490	86.935	87.287	72.325	59.230	80.646	57.934	65.038	56.506	74.737	57.209	60.388	68.174	62.884	77.164	76.237	74.307
10/12/2011 12:00	88.439	86.974	87.317	72.304	59.218	80.637	57.895	64.975	56.596	74.707	57.309	60.295	68.165	62.821	77.212	76.207	74.274
10/12/2011 15:00	88.387	87.013	87.359	72.271	59.167	80.595	57.832	64.911	56.659	74.719	57.399	60.172	68.196	62.749	77.251	76.171	74.198
10/12/2011 18:00	88.357	87.091	87.422	72.259	59.167	80.586	57.820	64.932	56.749	74.749	57.510	60.121	68.226	62.728	77.311	76.216	74.165
10/12/2011 21:00	88.366	87.169	87.512	72.271	59.176	80.604	57.853	64.975	56.854	74.821	57.630	60.130	68.307	62.749	77.416	76.274	74.153
10/13/2011 0:00	88.303	87.227	87.563	72.250	59.155	80.565	57.811	64.963	56.906	74.830	57.691	60.057	68.325	62.740	77.455	76.274	74.099
10/13/2011 3:00	88.264	87.245	87.597	72.204	59.125	80.544	57.790	64.975	56.954	74.851	57.748	60.012	68.355	62.698	77.486	76.274	74.033
10/13/2011 6:00	88.264	87.314	87.636	72.222	59.113	80.544	57.799	65.005	57.038	74.902	57.820	59.991	68.406	62.707	77.555	76.310	74.009
10/13/2011 9:00	88.252	87.383	87.720	72.226	59.104	80.553	57.820	65.059	57.089	74.956	57.898	59.985	68.457	62.740	77.612	76.358	73.988
10/13/2011 12:00	88.210	87.392	87.720	72.183	59.074	80.502	57.790	65.047	57.104	74.956	57.910	59.955	68.457	62.728	77.633	76.343	73.922
10/13/2011 15:00	88.138	87.371	87.699	72.117	58.999	80.430	57.727	65.017	57.101	74.935	57.910	59.883	68.445	62.668	77.612	76.301	73.810
10/13/2011 18:00	88.117	87.401	87.741	72.096	58.990	80.430	57.736	65.047	57.131	74.956	57.949	59.862	68.457	62.677	77.642	76.319	73.777
10/13/2011 21:00	88.150	87.488	87.813	72.162	59.053	80.460	57.778	65.122	57.227	75.028	58.027	59.946	68.547	62.770	77.729	76.394	73.810
10/14/2011 0:00	88.150	87.518	87.822	72.150	59.041	80.460	57.790	65.131	57.257	75.059	58.057	59.946	68.565	62.782	77.759	76.403	73.810
10/14/2011 3:00	88.129	87.527	87.864	72.147	59.032	80.442	57.790	65.152	57.273	75.089	58.088	59.946	68.587	62.782	77.780	76.412	73.768
10/14/2011 6:00	88.171	87.594	87.936	72.189	59.083	80.481	57.841	65.215	57.363	75.152	58.169	60.006	68.656	62.842	77.846	76.481	73.801
10/14/2011 9:00	88.231	87.681	88.018	72.256	59.125	80.544	57.916	65.308	57.435	75.233	58.247	60.078	68.737	62.939	77.925	76.559	73.868
10/14/2011 12:00	88.231	87.711	88.039	72.256	59.134	80.553	57.916	65.341	57.468	75.254	58.298	60.112	68.755	62.957	77.964	76.589	73.856
10/14/2011 15:00	88.201	87.720	88.039	72.235	59.113	80.523	57.895	65.341	57.471	75.269	58.277	60.090	68.755	62.948	77.964	76.580	73.834
10/14/2011 18:00	88.243	87.759	88.099	72.280	59.134	80.553	57.955	65.402	57.531	75.320	58.349	60.151	68.806	62.999	78.015	76.634	73.856
10/14/2011 21:00	88.303	87.855	88.171	72.334	59.209	80.625	58.009	65.477	57.615	75.389	58.418	60.235	68.896	63.071	78.102	76.719	73.934
10/15/2011 0:00	88.336	87.903	88.234	72.388	59.260	80.658	58.060	65.528	57.667	75.455	58.479	60.286	68.956	63.146	78.162	76.764	73.967
10/15/2011 3:00	88.357	87.942	88.273	72.376	59.269	80.661	58.073	65.561	57.694	75.477	58.509	60.295	68.977	63.167	78.180	76.794	73.976
10/15/2011 6:00	88.409	87.990	88.333	72.433	59.324	80.709	58.124	65.624	57.757	75.540	58.569	60.358	69.038	63.218	78.249	76.848	74.021
10/15/2011 9:00	88.439	88.039	88.378	72.475	59.345	80.752	58.166	65.663	57.802	75.591	58.629	60.409	69.077	63.260	78.288	76.893	74.054
10/15/2011 12:00	88.409	88.039	88.348	72.442	59.303	80.719	58.154	65.654	57.793	75.579	58.608	60.388	69.086	63.248	78.288	76.884	74.021
10/15/2011 15:00	88.357	88.003	88.324	72.388	59.260	80.670	58.094	65.624	57.763	75.549	58.569	60.346	69.038	63.206	78.249	76.839	73.976
10/15/2011 18:00	88.387	88.030	88.348	72.421	59.291	80.691	58.124	65.663	57.793	75.579	58.608	60.379	69.077	63.239	78.288	76.875	74.000
10/15/2011 21:00	88.430	88.090	88.409	72.487	59.366	80.752	58.187	65.726	57.850	75.642	58.668	60.439	69.125	63.311	78.346	76.941	74.066
10/16/2011 0:00	88.472	88.117	88.448	72.520	59.387	80.770	58.229	65.769	57.898	75.672	58.698	60.490	69.176	63.342	78.385	76.968	74.087
10/16/2011 3:00	88.472	88.126	88.487	72.520	59.387	80.782	58.229	65.781	57.913	75.693	58.728	60.490	69.185	63.375	78.406	76.986	74.099
10/16/2011 6:00	88.514	88.177	88.502	72.541	59.426	80.806	58.271	65.823	57.949	75.735	58.767	60.533	69.227	63.405	78.445	77.025	74.141
10/16/2011 9:00	88.556	88.225	88.562	72.583	59.447	80.845	58.313	65.865	58.003	75.786	58.818	60.596	69.257	63.459	78.493	77.070	74.174
10/16/2011 12:00	88.514	88.204	88.538	72.562	59.447	80.827	58.292	65.844	57.970	75.765	58.776	60.554	69.257	63.426	78.463	77.043	74.141
10/16/2011 15:00	88.442	88.051	88.378	72.487	59.333	80.743	58.217	65.769	57.772	75.672	58.539	60.472	69.125	63.363	78.319	76.941	74.054
10/16/2011 18:00	88.421	87.876	88.219	72.463	59.333	80.734	58.175	65.726	57.573	75.561	58.289	60.451	69.017	63.323	78.150	76.839	74.033
10/16/2011 21:00	88.430	87.741	88.069	72.475	59.354	80.743	58.166	65.684	57.384	75.455	58.057	60.460	68.905	63.333	77.994	76.746	74.054
10/17/2011 0:00	88.399	87.545	87.891	72.463	59.345	80.722	58.133	65.570	57.167	75.320	57.838	60.430	68.746	63.269	77.828	76.616	74.042
10/17/2011 3:00	88.336	87.353	87.699	72.433	59.291	80.691	58.039	65.444	56.957	75.155	57.600	60.346	68.587	63.176	77.633	76.460	74.009
10/17/2011 6:00	88.327	87.209	87.554	72.433	59.303	80.679	57.997	65.341	56.791	75.043	57.429	60.307	68.457	63.125	77.467	76.349	74.009
10/17/2011 9:																	

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
10/18/2011 6:00	87.975	86.481	86.842	72.256	59.125	80.535	57.498	64.545	56.130	74.277	56.791	59.573	67.714	62.457	76.752	75.588	73.723
10/18/2011 9:00	87.975	86.550	86.896	72.268	59.155	80.535	57.498	64.545	56.220	74.319	56.891	59.522	67.756	62.436	76.821	75.606	73.702
10/18/2011 12:00	87.891	86.541	86.875	72.213	59.062	80.484	57.414	64.493	56.220	74.298	56.912	59.408	67.735	62.355	76.821	75.561	73.603
10/18/2011 15:00	87.789	86.490	86.824	72.114	58.978	80.403	57.330	64.430	56.187	74.234	56.891	59.263	67.687	62.241	76.773	75.504	73.492
10/18/2011 18:00	87.777	86.529	86.875	72.114	58.999	80.403	57.330	64.439	56.250	74.268	56.942	59.191	67.714	62.220	76.830	75.513	73.404
10/18/2011 21:00	87.726	86.511	86.863	72.081	58.957	80.361	57.288	64.418	56.250	74.256	56.942	59.131	67.687	62.199	76.821	75.486	73.326
10/19/2011 0:00	87.642	86.472	86.803	72.015	58.906	80.276	57.215	64.364	56.202	74.195	56.900	59.047	67.645	62.136	76.773	75.410	73.227
10/19/2011 3:00	87.560	86.424	86.751	71.928	58.821	80.195	57.131	64.292	56.166	74.141	56.851	58.966	67.585	62.063	76.704	75.347	73.128
10/19/2011 6:00	87.497	86.366	86.718	71.877	58.749	80.144	57.080	64.262	56.145	74.111	56.821	58.903	67.546	62.021	76.695	75.290	73.038
10/19/2011 9:00	87.488	86.366	86.718	71.865	58.749	80.132	57.068	64.283	56.145	74.117	56.821	58.894	67.546	62.021	76.695	75.281	73.004
10/19/2011 12:00	87.434	86.336	86.688	71.823	58.698	80.081	57.026	64.232	56.115	74.096	56.809	58.863	67.507	62.000	76.674	75.254	72.962
10/19/2011 15:00	87.425	86.336	86.688	71.810	58.698	80.081	57.026	64.232	56.124	74.090	56.809	58.863	67.507	62.012	76.664	75.254	72.938
10/19/2011 18:00	87.548	86.481	86.833	71.949	58.863	80.216	57.140	64.385	56.271	74.243	56.942	59.017	67.645	62.187	76.821	75.383	73.095
10/19/2011 21:00	87.654	86.577	86.935	72.084	58.978	80.331	57.267	64.502	56.370	74.355	57.050	59.152	67.756	62.301	76.929	75.486	73.215
10/20/2011 0:00	87.663	86.589	86.947	72.102	58.978	80.361	57.279	64.502	56.391	74.367	57.071	59.152	67.765	62.313	76.938	75.486	73.248
10/20/2011 3:00	87.705	86.637	86.977	72.150	59.011	80.412	57.321	64.566	56.439	74.409	57.089	59.203	67.805	62.364	76.977	75.531	73.281
10/20/2011 6:00	87.747	86.685	87.028	72.216	59.092	80.454	57.372	64.605	56.491	74.460	57.140	59.254	67.865	62.418	77.037	75.570	73.326
10/20/2011 9:00	87.810	86.724	87.088	72.289	59.167	80.526	57.435	64.668	56.566	74.520	57.191	59.306	67.916	62.478	77.104	75.624	73.380
10/20/2011 12:00	87.810	86.724	87.079	72.304	59.167	80.535	57.435	64.659	56.554	74.514	57.200	59.318	67.907	62.478	77.104	75.615	73.392
10/20/2011 15:00	87.789	86.694	87.049	72.304	59.167	80.526	57.423	64.647	56.518	74.493	57.149	59.275	67.886	62.457	77.086	75.588	73.359
10/20/2011 18:00	87.828	86.616	86.977	72.337	59.209	80.577	57.444	64.689	56.388	74.499	56.981	59.318	67.856	62.511	76.998	75.570	73.404
10/20/2011 21:00	87.882	86.502	86.854	72.412	59.281	80.628	57.477	64.689	56.241	74.439	56.779	59.348	67.774	62.551	76.890	75.504	73.459
10/21/2011 0:00	87.891	86.345	86.709	72.457	59.333	80.661	57.477	64.626	56.052	74.325	56.572	59.348	67.666	62.542	76.734	75.401	73.480
10/21/2011 3:00	87.861	86.162	86.523	72.445	59.333	80.661	57.402	64.511	55.853	74.201	56.331	59.285	67.507	62.469	76.556	75.263	73.459
10/21/2011 6:00	87.882	86.018	86.379	72.499	59.387	80.691	57.402	64.448	55.694	74.096	56.151	59.275	67.396	62.448	76.409	75.179	73.471
10/21/2011 9:00	87.882	85.891	86.267	72.544	59.417	80.734	57.381	64.364	55.558	73.994	55.991	59.245	67.275	62.406	76.304	75.089	73.504
10/21/2011 12:00	87.798	85.687	86.060	72.490	59.366	80.679	57.267	64.199	55.339	73.798	55.763	59.101	67.095	62.262	76.087	74.893	73.413
10/21/2011 15:00	87.747	85.503	85.885	72.469	59.333	80.649	57.173	64.051	55.149	73.642	55.573	58.966	66.926	62.148	75.901	74.725	73.359
10/21/2011 18:00	87.735	85.377	85.762	72.490	59.345	80.661	57.140	63.958	55.014	73.540	55.423	58.915	66.824	62.093	75.795	74.613	73.359
10/21/2011 21:00	87.714	85.263	85.639	72.523	59.387	80.691	57.101	63.874	54.879	73.447	55.282	58.842	66.725	62.021	75.666	74.511	73.347
10/22/2011 0:00	87.675	85.136	85.506	72.523	59.396	80.691	57.038	63.757	54.749	73.332	55.143	58.740	66.605	61.931	75.540	74.400	73.314
10/22/2011 3:00	87.621	84.983	85.371	72.511	59.387	80.670	56.954	63.642	54.605	73.197	54.984	58.605	66.475	61.835	75.401	74.262	73.260
10/22/2011 6:00	87.590	84.896	85.260	72.523	59.417	80.691	56.912	63.558	54.500	73.116	54.873	58.542	66.373	61.781	75.314	74.168	73.236
10/22/2011 9:00	87.581	84.809	85.188	72.556	59.426	80.712	56.870	63.474	54.394	73.022	54.773	58.460	66.295	61.730	75.218	74.087	73.248
10/22/2011 12:00	87.509	84.673	85.034	72.523	59.405	80.679	56.797	63.360	54.247	72.908	54.632	58.316	66.175	61.615	75.080	73.946	73.149
10/22/2011 15:00	87.425	84.517	84.911	72.490	59.375	80.640	56.692	63.224	54.112	72.764	54.464	58.163	66.024	61.492	74.932	73.798	73.050
10/22/2011 18:00	87.383	84.433	84.806	72.499	59.405	80.640	56.650	63.128	54.015	72.683	54.373	58.079	65.934	61.417	74.854	73.714	73.016
10/22/2011 21:00	87.341	84.354	84.715	72.511	59.396	80.649	56.608	63.056	53.910	72.598	54.265	57.997	65.865	61.366	74.749	73.624	72.971
10/23/2011 0:00	87.302	84.249	84.622	72.511	59.387	80.640	56.545	62.972	53.817	72.517	54.163	57.883	65.763	61.296	74.659	73.522	72.905
10/23/2011 3:00	87.248	84.162	84.529	72.499	59.375	80.619	56.494	62.878	53.712	72.424	54.055	57.769	65.672	61.212	74.562	73.428	72.839
10/23/2011 6:00	87.218	84.084	84.466	72.511	59.405	80.619	56.464	62.824	53.649	72.361	53.973	57.697	65.594	61.167	74.493	73.344	72.818
10/23/2011 9:00	87.188	84.027	84.406	72.556	59.438	80.649	56.442	62.764	53.585	72.310	53.904	57.636	65.552	61.146	74.424	73.290	72.806
10/23/2011 12:00	87.124	83.918	84.282	72.523	59.396	80.628	56.346	62.659	53.459	72.216	53.796	57.513	65.453	61.056	74.337	73.179	72.719
10/23/2011 15:00	87.031	83.774	84.159	72.469	59.333	80.568	56.244	62.533	53.324	72.081	53.646	57.348	65.314	60.912	74.189	73.038	72.598
10/23/2011 18:00	86.980	83.699	84.066	72.469	59.333	80.568	56.202	62.469	53.240	72.000	53.555	57.264	65.233	60.869	74.120	72.956	72.541
10/23/2011 21:00	86.959	83.639	84.003	72.490	59.366	80.598	56.190	62.406	53.188	71.958	53.495	57.224	65.182	60.839	74.054	72.902	72.532
10/24/2011 0:00	86.908	83.552	83.921	72.490	59.345	80.568	56.127	62.334	53.104	71.877	53.414	57.119	65.113	60.773	73.964	72.806	72.466
10/24/2011 3:00	86.854	83.467	83.828	72.469	59.345	80.556	56.088	62.238	53.020	71.804	53.327	57.008	65.023	60.683	73.886	72.719	72.376
10/24/2011 6:00	86.815	83.398	83.768	72.478	59.345	80.556	56.033	62.199	52.945	71.729	53.246	56.936	64.954	60.632	73.819	72.641	72.334
10/24/2011 9:00	86.803	83.350	83.717	72.511	59.396	80.586	56.024	62.157	52.882	71.699	53.194	56.903	64.923	60.632	73.780	72.595	72.322
10/24/2011 12:00	86.700	83.236	83.612	72.469	59.339	80.547	55.940	62.060	52.788	71.585	53.077	56.791	64.812	60.527	73.669	72.463	72.222
10/24/2011 15:00	86.628	83.118	83.488	72.436	59.291	80.484	55.835	61.946	52.662	71.492	52.957	56.647	64.692	60.412	73.555	72.361	72.111
10/24/2011 18:00	86.586	83.061	83.428	72.445	59.312	80.484	55.814	61.895	52.611	71.429	52.897	56.584	64.623	60.382	73.501	72.289	72.069
10/24/2011 21:00	86.574	83.022	83.386	72.478	59.324	80.514	55.778	61.862	52.557	71.398	52.837	56.542	64.602	60.370	73.456	72.256	72.069
10/25/2011 0:00	86.544	82.965	83.335	72.478	59.366	80.526	55.745	61.811	52.506	71.335	52.776	56.482	64.551	60.319	73.413	72.177	72.012
10/25/2011 3:00	86.502	82.896	83.263	72.490	59.375	80.526	55.715	61.757	52.452	71.284	52.716	56.397	64.493	60.268	73.335	72.102	71.967
10/25/2011 6:																	

Table 2
Raw Data from Transducers - September 1, 2011 - October 31, 2011
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114B Pressure [ft]	P114C Pressure [ft]	P114D Pressure [ft]	PBC004 Pressure [ft]	SL023 Pressure [ft]	UBC011 Pressure [ft]	UBC021 Pressure [ft]	UBC023 Pressure [ft]	UBC025 Pressure [ft]	UBC026 Pressure [ft]	UBC027 Pressure [ft]	UBC028AR Pressure [ft]	UBC031 Pressure [ft]	UBC052 Pressure [ft]	UBC054 Pressure [ft]	UBC055 Pressure [ft]	UBC056 Pressure [ft]
10/26/2011 3:00	86.087	82.343	82.718	72.457	59.339	80.442	55.339	61.254	51.886	70.767	52.118	55.760	63.961	59.820	72.800	71.507	71.516
10/26/2011 6:00	86.057	82.267	82.646	72.445	59.324	80.442	55.303	61.191	51.814	70.716	52.046	55.676	63.892	59.778	72.752	71.441	71.450
10/26/2011 9:00	86.015	82.228	82.583	72.478	59.339	80.442	55.264	61.149	51.760	70.674	51.997	55.624	63.850	59.748	72.704	71.386	71.404
10/26/2011 12:00	85.921	82.084	82.472	72.403	59.275	80.382	55.149	61.035	51.655	70.541	51.868	55.492	63.729	59.633	72.574	71.245	71.296
10/26/2011 15:00	85.756	81.931	82.315	72.304	59.155	80.288	55.014	60.866	51.498	70.397	51.709	55.327	63.570	59.477	72.418	71.080	71.164
10/26/2011 18:00	85.693	81.858	82.234	72.259	59.152	80.246	54.951	60.803	51.414	70.334	51.619	55.221	63.501	59.423	72.349	71.004	71.074
10/26/2011 21:00	85.654	81.804	82.162	72.271	59.131	80.237	54.921	60.761	51.342	70.283	51.546	55.170	63.441	59.393	72.301	70.941	71.032
10/27/2011 0:00	85.600	81.723	82.090	72.259	59.110	80.204	54.864	60.680	51.267	70.198	51.477	55.077	63.381	59.321	72.222	70.857	70.965
10/27/2011 3:00	85.539	81.639	82.009	72.216	59.110	80.183	54.782	60.605	51.182	70.126	51.387	54.987	63.290	59.248	72.126	70.773	70.887
10/27/2011 6:00	85.467	81.579	81.946	72.204	59.077	80.165	54.740	60.542	51.119	70.066	51.318	54.903	63.239	59.185	72.075	70.692	70.797
10/27/2011 9:00	85.425	81.515	81.885	72.192	59.083	80.153	54.701	60.490	51.068	70.003	51.270	54.852	63.179	59.143	72.018	70.635	70.764
10/27/2011 12:00	85.290	81.401	81.762	72.150	59.038	80.102	54.605	60.385	50.963	69.910	51.137	54.728	63.071	59.041	71.910	70.514	70.677
10/27/2011 15:00	85.209	81.293	81.660	72.072	58.975	80.030	54.512	60.271	50.849	69.795	51.029	54.593	62.969	58.936	71.792	70.394	70.532
10/27/2011 18:00	85.188	81.251	81.618	72.096	58.990	80.018	54.491	60.238	50.795	69.756	50.999	54.554	62.920	58.915	71.771	70.358	70.523
10/27/2011 21:00	85.154	81.221	81.597	72.129	58.996	80.039	54.470	60.208	50.773	69.744	50.939	54.521	62.899	58.924	71.741	70.319	70.511
10/28/2011 0:00	85.103	81.173	81.537	72.117	58.996	80.030	54.427	60.157	50.722	69.684	50.900	54.470	62.839	58.872	71.675	70.256	70.457
10/28/2011 3:00	85.073	81.118	81.503	72.117	59.005	80.030	54.406	60.115	50.668	69.642	50.858	54.397	62.800	58.830	71.624	70.211	70.400
10/28/2011 6:00	85.094	81.146	81.524	72.171	59.053	80.081	54.427	60.136	50.680	69.663	50.870	54.397	62.818	58.851	71.654	70.220	70.457
10/28/2011 9:00	85.082	81.125	81.503	72.216	59.092	80.102	54.427	60.124	50.680	69.651	50.849	54.376	62.818	58.842	71.636	70.198	70.424
10/28/2011 12:00	85.010	81.085	81.452	72.192	59.068	80.081	54.397	60.072	50.617	69.600	50.788	54.304	62.749	58.809	71.576	70.135	70.379
10/28/2011 15:00	84.917	80.989	81.359	72.138	59.017	80.018	54.301	59.976	50.533	69.507	50.689	54.193	62.671	58.716	71.489	70.042	70.235
10/28/2011 18:00	84.896	80.971	81.341	72.162	59.038	80.039	54.292	59.967	50.512	69.507	50.680	54.172	62.650	58.686	71.480	70.006	70.259
10/28/2011 21:00	84.866	80.932	81.299	72.150	59.005	80.030	54.262	59.913	50.470	69.456	50.620	54.100	62.611	58.665	71.420	69.958	70.192
10/29/2011 0:00	84.773	80.845	81.227	72.105	58.996	79.958	54.178	59.853	50.385	69.374	50.539	54.006	62.521	58.593	71.350	69.877	70.114
10/29/2011 3:00	84.700	80.767	81.146	72.063	58.942	79.928	54.115	59.778	50.313	69.311	50.461	53.913	62.460	58.521	71.272	69.792	70.060
10/29/2011 6:00	84.661	80.728	81.103	72.084	58.975	79.937	54.103	59.736	50.271	69.281	50.431	53.862	62.430	58.500	71.245	69.756	70.003
10/29/2011 9:00	84.649	80.728	81.103	72.117	59.017	79.946	54.115	59.736	50.271	69.281	50.419	53.850	62.418	58.500	71.233	69.747	70.003
10/29/2011 12:00	84.607	80.679	81.052	72.096	58.975	79.946	54.061	59.684	50.217	69.227	50.370	53.790	62.358	58.466	71.185	69.690	69.928
10/29/2011 15:00	84.544	80.640	80.989	72.084	58.963	79.928	54.031	59.651	50.166	69.176	50.319	53.727	62.319	58.415	71.146	69.636	69.895
10/29/2011 18:00	84.556	80.640	81.001	72.129	59.005	79.967	54.052	59.663	50.175	69.197	50.328	53.748	62.328	58.445	71.167	69.636	69.895
10/29/2011 21:00	84.598	80.679	81.052	72.226	59.110	80.051	54.115	59.706	50.217	69.248	50.358	53.790	62.370	58.500	71.194	69.681	69.961
10/30/2011 0:00	84.598	80.679	81.052	72.259	59.140	80.072	54.115	59.706	50.208	69.239	50.349	53.790	62.370	58.509	71.194	69.663	69.970
10/30/2011 3:00	84.577	80.661	81.031	72.271	59.173	80.072	54.094	59.684	50.187	69.218	50.328	53.748	62.358	58.488	71.185	69.627	69.937
10/30/2011 6:00	84.598	80.670	81.052	72.316	59.215	80.123	54.115	59.715	50.208	69.248	50.340	53.739	62.400	58.509	71.194	69.654	69.937
10/30/2011 9:00	84.607	80.719	81.082	72.379	59.275	80.174	54.157	59.736	50.250	69.281	50.370	53.760	62.418	58.542	71.215	69.663	69.949
10/30/2011 12:00	84.565	80.661	81.019	72.358	59.233	80.153	54.115	59.684	50.196	69.227	50.319	53.688	62.370	58.500	71.176	69.606	69.883
10/30/2011 15:00	84.484	80.574	80.938	72.292	59.194	80.093	54.031	59.600	50.103	69.137	50.229	53.594	62.280	58.394	71.098	69.516	69.783
10/30/2011 18:00	84.454	80.544	80.917	72.325	59.215	80.102	54.009	59.579	50.082	69.116	50.199	53.543	62.259	58.406	71.068	69.486	69.750
10/30/2011 21:00	84.454	80.556	80.896	72.346	59.233	80.123	54.021	59.579	50.082	69.125	50.199	53.543	62.259	58.406	71.077	69.477	69.738
10/31/2011 0:00	84.391	80.496	80.857	72.337	59.215	80.093	53.967	59.528	50.019	69.065	50.151	53.480	62.220	58.352	71.010	69.414	69.696
10/31/2011 3:00	84.318	80.430	80.785	72.283	59.161	80.039	53.904	59.453	49.946	69.002	50.070	53.399	62.139	58.292	70.950	69.338	69.618
10/31/2011 6:00	84.255	80.361	80.734	72.271	59.140	80.030	53.853	59.390	49.904	68.941	50.019	53.315	62.078	58.229	70.881	69.284	69.540
10/31/2011 9:00	84.225	80.334	80.691	72.259	59.131	80.009		59.360	49.850	68.920	49.989	53.273	62.048	58.217	70.854	69.245	69.519
10/31/2011 12:00						79.967											

Notes:

ft - feet

1. Pressure readings were collected using Diver transducers. Readings have not been referenced to top of casing or corrected for barometric pressure.

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
9/1/2011 0:00	33.980	42.803	46.506	54.048	50.369	39.897	45.967	63.581	63.089	39.581	86.162	69.353	61.915	32.409	63.150	81.359	81.034	84.384	106.485	106.046	118.898
9/1/2011 3:00	33.960	42.804	46.486	54.067	50.379	39.904	45.965	63.574	63.090	39.591	86.163	69.363	61.925	32.425	63.154	81.363	81.047	84.373	106.516	106.086	118.887
9/1/2011 6:00	33.980	42.803	46.467	54.069	50.378	39.897	45.961	63.581	63.089	39.593	86.195	69.374	61.924	32.409	63.162	81.368	81.058	84.393	106.575	106.142	118.862
9/1/2011 9:00	34.004	42.806	46.467	54.072	50.393	39.921	45.955	63.584	63.089	39.587	86.198	69.377	61.927	32.382	63.153	81.374	81.091	84.408	106.623	106.187	118.853
9/1/2011 12:00	33.961	42.805	46.487	54.077	50.411	39.878	45.969	63.575	63.103	39.592	86.218	69.394	61.926	32.402	63.176	81.364	81.102	84.455	106.667	106.240	118.819
9/1/2011 15:00	33.881	42.809	46.473	54.096	50.391	39.912	45.976	63.573	63.101	39.587	86.234	69.396	61.919	32.421	63.172	81.371	81.134	84.463	106.711	106.281	118.808
9/1/2011 18:00	33.844	42.793	46.475	54.089	50.381	39.884	45.951	63.566	63.088	39.577	86.218	69.398	61.921	32.399	63.168	81.361	81.118	84.438	106.746	106.307	118.777
9/1/2011 21:00	33.885	42.804	46.489	54.112	50.434	39.916	45.968	63.589	63.096	39.582	86.226	69.409	61.932	32.425	63.176	81.375	81.159	84.488	106.814	106.369	118.767
9/2/2011 0:00	33.885	42.813	46.465	54.112	50.422	39.907	45.968	63.598	63.117	39.582	86.259	69.409	61.923	32.413	63.176	81.384	81.168	84.497	106.832	106.423	118.749
9/2/2011 3:00	33.868	42.829	46.472	54.134	50.447	39.920	45.975	63.614	63.112	39.601	86.302	69.422	61.936	32.408	63.192	81.376	81.184	84.531	106.905	106.472	118.741
9/2/2011 6:00	33.894	42.822	46.486	54.148	50.443	39.925	45.977	63.616	63.126	39.591	86.310	69.430	61.941	32.410	63.185	81.384	81.201	84.545	106.925	106.507	118.725
9/2/2011 9:00	33.900	42.819	46.465	54.166	50.449	39.922	45.974	63.625	63.120	39.597	86.316	69.436	61.947	32.404	63.203	81.381	81.228	84.563	106.985	106.558	118.713
9/2/2011 12:00	33.865	42.826	46.484	54.170	50.453	39.926	45.981	63.623	63.130	39.607	86.311	69.449	61.954	32.444	63.213	81.409	81.247	84.567	107.019	106.598	118.696
9/2/2011 15:00	33.758	42.791	46.440	54.163	50.406	39.903	45.949	63.621	63.125	39.567	86.343	69.423	61.919	32.400	63.193	81.380	81.236	84.559	107.039	106.603	118.658
9/2/2011 18:00	33.747	42.813	46.484	54.182	50.455	39.922	45.963	63.622	63.114	39.574	86.362	69.442	61.938	32.417	63.203	81.394	81.249	84.557	107.088	106.664	118.656
9/2/2011 21:00	33.814	42.826	46.484	54.198	50.480	39.923	45.984	63.647	63.136	39.595	86.389	69.470	61.954	32.420	63.228	81.427	81.271	84.636	107.155	106.731	118.654
9/3/2011 0:00	33.839	42.830	46.482	54.214	50.496	39.918	45.976	63.660	63.152	39.599	86.399	69.465	61.949	32.406	63.220	81.407	81.275	84.661	107.213	106.777	118.628
9/3/2011 3:00	33.787	42.820	46.469	54.231	50.513	39.914	45.978	63.650	63.145	39.596	86.423	69.473	61.948	32.429	63.243	81.425	81.310	84.657	107.236	106.821	118.600
9/3/2011 6:00	33.793	42.838	46.463	54.237	50.501	39.902	45.975	63.668	63.151	39.593	86.450	69.488	61.954	32.423	63.240	81.421	81.328	84.684	107.290	106.860	118.597
9/3/2011 9:00	33.810	42.834	46.492	54.272	50.506	39.928	45.992	63.664	63.156	39.601	86.476	69.484	61.959	32.428	63.245	81.438	81.354	84.680	107.316	106.898	118.581
9/3/2011 12:00	33.777	42.822	46.499	54.260	50.524	39.913	45.968	63.661	63.156	39.595	86.476	69.493	61.956	32.407	63.233	81.433	81.366	84.698	107.362	106.941	118.566
9/3/2011 15:00	33.752	42.827	46.489	54.274	50.508	39.918	45.977	63.660	63.176	39.597	86.487	69.486	61.964	32.407	63.253	81.444	81.384	84.722	107.397	106.970	118.541
9/3/2011 18:00	33.714	42.822	46.475	54.275	50.530	39.929	45.984	63.664	63.171	39.598	86.509	69.490	61.956	32.420	63.269	81.439	81.391	84.735	107.434	106.995	118.527
9/3/2011 21:00	33.776	42.842	46.473	54.298	50.583	39.942	45.992	63.660	63.179	39.603	86.538	69.510	61.967	32.431	63.277	81.459	81.420	84.767	107.499	107.057	118.520
9/4/2011 0:00	33.766	42.841	46.503	54.309	50.573	39.932	46.003	63.704	63.178	39.602	86.552	69.512	61.966	32.408	63.276	81.458	81.431	84.775	107.513	107.092	118.504
9/4/2011 3:00	33.727	42.835	46.464	54.318	50.573	39.911	45.985	63.677	63.184	39.602	86.564	69.521	61.957	32.397	63.282	81.470	81.446	84.805	107.564	107.128	118.480
9/4/2011 6:00	33.743	42.839	46.480	54.316	50.589	39.918	45.980	63.693	63.179	39.609	86.589	69.528	61.955	32.398	63.277	81.468	81.450	84.812	107.619	107.177	118.463
9/4/2011 9:00	33.777	42.852	46.487	54.350	50.584	39.922	46.002	63.715	63.189	39.622	86.623	69.553	61.968	32.419	63.299	81.478	81.475	84.867	107.656	107.220	118.454
9/4/2011 12:00	33.723	42.843	46.445	54.344	50.569	39.917	45.969	63.694	63.180	39.607	86.623	69.529	61.965	32.417	63.290	81.475	81.475	84.843	107.653	107.232	118.433
9/4/2011 15:00	33.654	42.826	46.454	54.344	50.591	39.935	45.966	63.713	63.193	39.613	86.629	69.538	61.956	32.411	63.296	81.484	81.502	84.873	107.684	107.260	118.416
9/4/2011 18:00	33.668	42.852	46.468	54.379	50.575	39.940	45.980	63.727	63.216	39.618	86.674	69.552	61.982	32.437	63.322	81.507	81.528	84.896	107.755	107.316	118.412
9/4/2011 21:00	33.689	42.851	46.504	54.388	50.596	39.931	45.989	63.736	63.204	39.609	86.664	69.564	61.970	32.395	63.319	81.501	81.549	84.908	107.794	107.352	118.399
9/5/2011 0:00	33.669	42.853	46.469	54.390	50.585	39.941	45.981	63.716	63.208	39.610	86.666	69.565	61.971	32.414	63.333	81.508	81.550	84.918	107.825	107.383	118.389
9/5/2011 3:00	33.635	42.849	46.501	54.404	50.641	39.934	45.992	63.736	63.219	39.612	86.695	69.580	61.979	32.419	63.323	81.516	81.570	84.923	107.848	107.412	118.373
9/5/2011 6:00	33.620	42.855	46.486	54.410	50.644	39.931	45.986	63.733	63.216	39.615	86.722	69.586	61.985	32.416	63.341	81.519	81.588	84.956	107.902	107.457	118.364
9/5/2011 9:00	33.626	42.852	46.504	54.434	50.632	39.946	46.004	63.760	63.231	39.612	86.749	69.592	61.970	32.383	63.335	81.543	81.606	84.974	107.923	107.490	118.346
9/5/2011 12:00	33.578	42.846	46.471	54.425	50.644	39.925	45.965	63.721	63.219	39.612	86.734	69.583	61.973	32.425	63.341	81.528	81.600	84.966	107.960	107.496	118.316
9/5/2011 15:00	33.501	42.844	46.472	54.447	50.645	39.944	45.975	63.740	63.220	39.619	86.762	69.608	61.999	32.411	63.363	81.548	81.623	84.976	107.979	107.528	118.314
9/5/2011 18:00	33.518	42.849	46.474	54.446	50.662	39.922	45.971	63.748	63.225	39.609	86.770	69.613	62.004	32.401	63.368	81.546	81.628	84.984	107.969	107.533	118.289
9/5/2011 21:00	33.533	42.843	46.504	54.470	50.659	39.937	45.974	63.763	63.228	39.612	86.785	69.628	61.989	32.404	63.362	81.571	81.643	85.020	107.993	107.527	118.277
9/6/2011 0:00	33.506	42.849	46.477	54.464	50.671	39.958	45.971	63.757	63.225	39.615	86.809	69.622	61.992	32.428	63.380	81.580	81.670	84.993	107.966	107.509	118.268
9/6/2011 3:00	33.469	42.833	46.464	54.475	50.682	39.960	45.964	63.753	63.221	39.596	86.793	69.636	61.997	32.430	63.376	81.576	81.666	85.034	107.983	107.505	118.267
9/6/2011 6:00	33.485	42.837	46.495	54.491	50.710	39.949	45.971	63.778	63.237	39.603	86.830	69.661	62.004	32.419	63.392	81.592	81.694	85.059	107.984	107.512	118.238
9/6/2011 9:00	33.517	42.848	46.473	54.514	50.712	39.960	45.970	63.768	63.248	39.608	86.841	69.663	61.994	32.451	63.391	81.606	81.705	85.082	108.016	107.499	118.218
9/6/2011 12:00	33.522	42.853	46.505	54.519	50.726	39.965	45.975	63.794	63.262	39.622	86.849	69.668	62.020	32.417	63.405	81.602	81.719	85.069	107.982	107.495	118.205
9/6/2011 15:00	33.491	42.843	46.486	54.518	50.704	39.934	45.965	63.763	63.243	39.600	86.857	69.658									

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
9/8/2011 21:00	33.679	42.926	46.572	54.685	50.922	39.999	46.024	63.876	63.365	39.647	86.961	69.825	62.044	32.424	63.541	81.759	81.876	85.166	107.652	107.101	117.950
9/9/2011 0:00	33.684	42.919	46.562	54.681	50.909	40.013	46.017	63.893	63.370	39.643	86.957	69.830	62.049	32.429	63.558	81.773	81.872	85.189	107.641	107.073	117.931
9/9/2011 3:00	33.684	42.931	46.550	54.711	50.927	40.013	46.041	63.893	63.391	39.661	86.978	69.851	62.067	32.429	63.579	81.791	81.872	85.180	107.602	107.064	117.931
9/9/2011 6:00	33.694	42.941	46.548	54.700	50.937	39.993	46.039	63.909	63.380	39.653	86.988	69.849	62.068	32.439	63.589	81.801	81.882	85.181	107.594	107.035	117.914
9/9/2011 9:00	33.727	42.932	46.581	54.724	50.940	39.999	46.027	63.936	63.401	39.659	86.979	69.864	62.059	32.433	63.589	81.792	81.870	85.202	107.597	107.014	117.896
9/9/2011 12:00	33.702	42.937	46.568	54.717	50.915	40.013	46.026	63.920	63.397	39.661	86.984	69.878	62.055	32.408	63.597	81.800	81.878	85.177	107.557	106.995	117.880
9/9/2011 15:00	33.658	42.935	46.551	54.724	50.932	40.017	46.024	63.939	63.389	39.653	86.973	69.885	62.063	32.415	63.598	81.801	81.876	85.175	107.513	106.963	117.860
9/9/2011 18:00	33.659	42.927	46.537	54.713	50.942	39.997	46.025	63.922	63.411	39.654	86.974	69.874	62.054	32.416	63.599	81.802	81.868	85.155	107.499	106.931	117.837
9/9/2011 21:00	33.722	42.957	46.576	54.728	50.965	40.012	46.034	63.949	63.417	39.663	86.983	69.907	62.075	32.428	63.617	81.820	81.886	85.188	107.523	106.940	117.831
9/10/2011 0:00	33.737	42.951	46.564	54.734	50.980	40.027	46.037	63.964	63.423	39.669	86.998	69.913	62.069	32.443	63.620	81.835	81.901	85.185	107.499	106.922	117.819
9/10/2011 3:00	33.733	42.947	46.533	54.739	50.946	40.032	46.033	63.948	63.419	39.653	86.985	69.909	62.065	32.415	63.640	81.831	81.888	85.190	107.447	106.881	117.806
9/10/2011 6:00	33.780	42.964	46.580	54.756	50.984	40.022	46.050	63.944	63.430	39.664	86.966	69.935	62.082	32.422	63.663	81.854	81.890	85.186	107.455	106.874	117.811
9/10/2011 9:00	33.808	42.958	46.569	54.754	51.003	40.032	46.054	63.993	63.449	39.674	86.994	69.933	62.089	32.414	63.649	81.855	81.897	85.205	107.444	106.875	117.797
9/10/2011 12:00	33.783	42.967	46.583	54.768	50.987	40.046	46.053	63.998	63.457	39.667	86.981	69.938	62.085	32.425	63.666	81.857	81.905	85.189	107.428	106.844	117.772
9/10/2011 15:00	33.720	42.955	46.559	54.765	50.985	40.019	46.032	63.947	63.439	39.670	86.972	69.926	62.085	32.414	63.669	81.845	81.884	85.168	107.380	106.814	117.733
9/10/2011 18:00	33.736	42.962	46.590	54.763	50.970	40.026	46.048	63.984	63.431	39.668	86.967	69.942	62.080	32.418	63.676	81.870	81.900	85.163	107.375	106.797	117.725
9/10/2011 21:00	33.802	42.995	46.602	54.799	51.015	40.044	46.072	64.017	63.476	39.686	87.009	69.978	62.104	32.432	63.697	81.891	81.912	85.199	107.414	106.830	117.740
9/11/2011 0:00	33.841	43.003	46.578	54.799	51.024	40.047	46.066	64.026	63.482	39.677	87.006	69.987	62.092	32.459	63.715	81.888	81.909	85.189	107.401	106.848	117.718
9/11/2011 3:00	33.830	42.980	46.606	54.788	51.013	40.045	46.067	64.024	63.480	39.678	86.986	69.976	62.102	32.448	63.704	81.904	81.907	85.187	107.406	106.849	117.689
9/11/2011 6:00	33.857	42.986	46.618	54.803	51.022	40.063	46.073	64.018	63.486	39.675	86.992	69.994	62.108	32.436	63.731	81.913	81.913	85.205	107.402	106.876	117.680
9/11/2011 9:00	33.891	42.987	46.601	54.807	51.026	40.057	46.073	64.052	63.475	39.682	87.005	69.986	62.112	32.431	63.732	81.910	81.913	85.197	107.467	106.910	117.663
9/11/2011 12:00	33.859	42.988	46.596	54.796	51.042	40.053	46.050	64.032	63.488	39.668	86.994	69.996	62.101	32.438	63.721	81.915	81.906	85.207	107.480	106.920	117.640
9/11/2011 15:00	33.795	42.988	46.583	54.801	51.029	40.028	46.065	64.031	63.481	39.679	86.981	69.992	62.109	32.425	63.723	81.911	81.905	85.192	107.464	106.943	117.618
9/11/2011 18:00	33.789	42.982	46.589	54.804	51.032	40.061	46.059	64.016	63.508	39.664	86.975	70.004	62.103	32.407	63.750	81.923	81.911	85.207	107.485	106.968	117.612
9/11/2011 21:00	33.848	42.998	46.585	54.806	51.052	40.063	46.073	64.042	63.510	39.675	86.992	70.003	62.111	32.439	63.743	81.937	81.916	85.215	107.517	106.996	117.605
9/12/2011 0:00	33.879	43.020	46.601	54.825	51.083	40.085	46.095	64.064	63.529	39.688	87.017	70.034	62.109	32.446	63.774	81.953	81.935	85.236	107.554	107.027	117.600
9/12/2011 3:00	33.846	43.018	46.622	54.843	51.071	40.070	46.083	64.082	63.520	39.682	87.026	70.043	62.118	32.437	63.795	81.953	81.935	85.243	107.560	107.016	117.585
9/12/2011 6:00	33.853	43.003	46.629	54.820	51.057	40.068	46.069	64.059	63.515	39.680	86.991	70.038	62.125	32.432	63.769	81.960	81.930	85.259	107.537	107.001	117.565
9/12/2011 9:00	33.891	43.011	46.613	54.828	51.056	40.075	46.082	64.076	63.532	39.682	87.035	70.058	62.112	32.431	63.786	81.956	81.947	85.279	107.554	107.006	117.552
9/12/2011 12:00	33.859	43.021	46.635	54.844	51.093	40.083	46.096	64.119	63.554	39.695	87.045	70.074	62.131	32.465	63.799	81.975	81.960	85.295	107.549	107.029	117.538
9/12/2011 15:00	33.757	43.004	46.596	54.832	51.052	40.056	46.069	64.080	63.521	39.680	87.039	70.062	62.122	32.451	63.784	81.978	81.954	85.262	107.519	106.990	117.505
9/12/2011 18:00	33.757	43.013	46.596	54.823	51.052	40.077	46.069	64.080	63.533	39.668	87.030	70.075	62.131	32.412	63.805	81.987	81.954	85.262	107.504	106.981	117.496
9/12/2011 21:00	33.830	43.035	46.618	54.857	51.104	40.081	46.088	64.132	63.561	39.696	87.064	70.087	62.144	32.448	63.824	82.006	81.973	85.317	107.550	107.000	117.509
9/13/2011 0:00	33.835	43.046	46.623	54.880	51.109	40.116	46.105	64.137	63.566	39.701	87.096	70.101	62.149	32.477	63.829	82.020	81.990	85.310	107.543	106.992	117.505
9/13/2011 3:00	33.803	43.035	46.618	54.878	51.107	40.093	46.094	64.114	63.555	39.687	87.097	70.099	62.147	32.473	63.839	82.015	81.979	85.299	107.538	106.973	117.482
9/13/2011 6:00	33.803	43.023	46.630	54.857	51.086	40.093	46.094	64.138	63.555	39.687	87.067	70.121	62.147	32.445	63.830	82.024	81.979	85.299	107.493	106.951	117.455
9/13/2011 9:00	33.835	43.028	46.623	54.871	51.109	40.107	46.093	64.137	63.587	39.701	87.066	70.122	62.167	32.490	63.838	82.047	81.999	85.322	107.519	106.950	117.454
9/13/2011 12:00	33.794	43.035	46.609	54.860	51.098	40.075	46.085	64.129	63.570	39.687	87.067	70.099	62.147	32.449	63.830	82.024	81.982	85.299	107.487	106.918	117.413
9/13/2011 15:00	33.736	43.022	46.602	54.872	51.100	40.074	46.069	64.113	63.578	39.677	87.072	70.123	62.153	32.442	63.839	82.026	81.978	85.283	107.468	106.906	117.397
9/13/2011 18:00	33.761	43.035	46.615	54.885	51.143	40.090	46.085	64.138	63.591	39.693	87.067	70.139	62.166	32.455	63.876	82.051	82.003	85.317	107.484	106.897	117.404
9/13/2011 21:00	33.804	43.066	46.658	54.909	51.138	40.103	46.104	64.160	63.601	39.688	87.068	70.152	62.178	32.474	63.886	82.067	82.013	85.300	107.467	106.907	117.396
9/14/2011 0:00	33.804	43.066	46.631	54.900	51.156	40.094	46.095	64.190	63.613	39.697	87.089	70.161	62.178	32.486	63.886	82.058	82.001	85.321	107.479	106.898	117.387
9/14/2011 3:00	33.771	43.057	46.625	54.895	51.144	40.091	46.095	64.148	63.601	39.703	87.077	70.158	62.166	32.453	63.886	82.070	82.013	85.306	107.446	106.865	117.354
9/14/2011 6:00	33.807	43.060	46.595	54.903	51.159	40.127	46.098	64.184	63.604	39.700	87.080	70.185	62.184	32.449	63.901	82.079	82.025	85.312	107.431	106.856	117.348
9/14/2011 9:00	33.825	43.066	46.625	54.909	51.147	40.115	46.095	64.160	63.610	39.700	87.080	70.182	62.178	32.467	63.919	82.079	82.034	85.321	107.422	106.865	117.333
9/14/2011 12:00	33.771	43.057	46.610	54.907	51.174	40.082	46.071	64.157	63.6												

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
9/16/2011 18:00	34.052	43.124	46.710	54.998	51.274	40.131	46.114	64.300	63.702	39.746	87.157	70.297	62.234	32.493	64.031	82.177	82.074	85.400	107.303	106.746	117.066
9/16/2011 21:00	34.090	43.120	46.682	55.006	51.294	40.151	46.131	64.266	63.719	39.748	87.165	70.305	62.254	32.519	64.048	82.197	82.091	85.417	107.341	106.754	117.062
9/17/2011 0:00	34.077	43.137	46.669	55.005	51.290	40.156	46.130	64.295	63.739	39.753	87.194	70.322	62.259	32.506	64.044	82.211	82.099	85.413	107.319	106.771	117.049
9/17/2011 3:00	34.040	43.133	46.671	55.007	51.292	40.149	46.123	64.312	63.726	39.755	87.166	70.327	62.264	32.505	64.040	82.198	82.096	85.397	107.321	106.755	117.039
9/17/2011 6:00	34.063	43.135	46.655	55.009	51.288	40.160	46.137	64.281	63.725	39.757	87.168	70.329	62.257	32.504	64.054	82.215	82.098	85.399	107.302	106.763	117.020
9/17/2011 9:00	34.094	43.124	46.635	55.010	51.298	40.164	46.147	64.324	63.735	39.752	87.169	70.339	62.258	32.496	64.061	82.219	82.095	85.391	107.306	106.758	117.006
9/17/2011 12:00	34.088	43.139	46.680	55.004	51.283	40.149	46.141	64.306	63.738	39.755	87.184	70.333	62.270	32.490	64.055	82.222	82.101	85.394	107.306	106.746	116.991
9/17/2011 15:00	34.040	43.124	46.698	55.016	51.283	40.149	46.135	64.312	63.747	39.755	87.178	70.345	62.264	32.469	64.085	82.216	82.096	85.376	107.291	106.752	116.979
9/17/2011 18:00	34.042	43.123	46.673	55.018	51.276	40.160	46.137	64.314	63.749	39.736	87.189	70.360	62.266	32.495	64.075	82.227	82.098	85.378	107.284	106.733	116.963
9/17/2011 21:00	34.090	43.138	46.694	55.018	51.303	40.139	46.143	64.341	63.764	39.748	87.195	70.377	62.272	32.492	64.090	82.233	82.103	85.396	107.302	106.748	116.951
9/18/2011 0:00	34.090	43.150	46.682	55.036	51.315	40.169	46.143	64.341	63.764	39.757	87.207	70.377	62.272	32.504	64.102	82.242	82.112	85.387	107.293	106.754	116.933
9/18/2011 3:00	34.083	43.143	46.687	55.041	51.326	40.153	46.166	64.355	63.769	39.750	87.209	70.379	62.286	32.536	64.116	82.241	82.105	85.431	107.277	106.747	116.926
9/18/2011 6:00	34.085	43.145	46.677	55.043	51.337	40.164	46.159	64.336	63.771	39.743	87.181	70.381	62.297	32.499	64.106	82.243	82.107	85.421	107.288	106.749	116.901
9/18/2011 9:00	34.122	43.140	46.687	55.038	51.317	40.171	46.163	64.361	63.772	39.741	87.197	70.397	62.295	32.512	64.122	82.256	82.123	85.410	107.286	106.735	116.896
9/18/2011 12:00	34.113	43.152	46.693	55.050	51.356	40.174	46.154	64.343	63.775	39.744	87.218	70.388	62.295	32.491	64.134	82.265	82.126	85.431	107.286	106.744	116.881
9/18/2011 15:00	34.058	43.139	46.650	55.043	51.332	40.146	46.141	64.342	63.765	39.734	87.217	70.394	62.282	32.511	64.125	82.261	82.114	85.406	107.261	106.731	116.859
9/18/2011 18:00	34.046	43.136	46.662	55.043	51.350	40.164	46.141	64.351	63.786	39.731	87.193	70.403	62.291	32.523	64.134	82.267	82.114	85.422	107.270	106.719	116.838
9/18/2011 21:00	34.079	43.148	46.707	55.046	51.344	40.176	46.174	64.351	63.786	39.755	87.205	70.427	62.303	32.544	64.158	82.291	82.126	85.436	107.288	106.719	116.838
9/19/2011 0:00	34.052	43.142	46.680	55.058	51.356	40.170	46.147	64.336	63.783	39.758	87.211	70.430	62.315	32.517	64.152	82.282	82.120	85.449	107.255	106.725	116.826
9/19/2011 3:00	34.014	43.146	46.681	55.050	51.357	40.180	46.151	64.352	63.790	39.747	87.194	70.431	62.298	32.506	64.168	82.295	82.115	85.420	107.265	106.708	116.806
9/19/2011 6:00	34.031	43.142	46.674	55.046	51.356	40.176	46.159	64.378	63.795	39.746	87.190	70.427	62.327	32.496	64.164	82.294	82.120	85.428	107.264	106.725	116.799
9/19/2011 9:00	34.031	43.154	46.698	55.046	51.356	40.188	46.159	64.378	63.795	39.737	87.223	70.439	62.315	32.523	64.164	82.285	82.132	85.419	107.243	106.716	116.772
9/19/2011 12:00	33.977	43.155	46.699	55.061	51.350	40.180	46.159	64.357	63.798	39.740	87.211	70.454	62.324	32.505	64.176	82.300	82.132	85.413	107.240	106.704	116.760
9/19/2011 15:00	33.902	43.143	46.675	55.047	51.356	40.165	46.139	64.367	63.802	39.720	87.208	70.439	62.310	32.493	64.167	82.303	82.120	85.389	107.222	106.693	116.736
9/19/2011 18:00	33.896	43.158	46.669	55.062	51.359	40.168	46.154	64.361	63.808	39.723	87.223	70.472	62.334	32.514	64.182	82.306	82.126	85.422	107.237	106.699	116.739
9/19/2011 21:00	33.912	43.153	46.658	55.048	51.366	40.184	46.149	64.377	63.787	39.721	87.230	70.458	62.329	32.503	64.186	82.304	82.121	85.417	107.232	106.694	116.713
9/20/2011 0:00	33.895	43.157	46.680	55.049	51.367	40.185	46.153	64.393	63.807	39.731	87.213	70.471	62.333	32.525	64.181	82.314	82.125	85.421	107.215	106.683	116.711
9/20/2011 3:00	33.875	43.158	46.660	55.059	51.368	40.156	46.154	64.385	63.790	39.723	87.202	70.481	62.334	32.517	64.194	82.322	82.126	85.422	107.234	106.684	116.703
9/20/2011 6:00	33.883	43.166	46.668	55.067	51.376	40.173	46.153	64.393	63.807	39.731	87.201	70.480	62.333	32.489	64.202	82.320	82.134	85.409	107.233	106.674	116.693
9/20/2011 9:00	33.939	43.168	46.673	55.053	51.393	40.172	46.142	64.404	63.805	39.720	87.215	70.476	62.337	32.494	64.192	82.316	82.127	85.426	107.220	106.672	116.671
9/20/2011 12:00	33.927	43.168	46.664	55.081	51.399	40.199	46.143	64.416	63.815	39.718	87.212	70.494	62.356	32.518	64.213	82.328	82.136	85.423	107.208	106.688	116.659
9/20/2011 15:00	33.869	43.161	46.681	55.074	51.371	40.180	46.139	64.421	63.814	39.726	87.229	70.496	62.349	32.511	64.221	82.331	82.120	85.425	107.198	106.660	116.652
9/20/2011 18:00	33.885	43.168	46.697	55.069	51.396	40.184	46.143	64.404	63.830	39.721	87.224	70.512	62.353	32.540	64.204	82.341	82.148	85.432	107.220	106.655	116.626
9/20/2011 21:00	33.912	43.162	46.685	55.066	51.405	40.184	46.149	64.422	63.815	39.730	87.209	70.518	62.350	32.530	64.219	82.340	82.130	85.438	107.202	106.660	116.617
9/21/2011 0:00	33.918	43.180	46.703	55.093	51.420	40.181	46.155	64.428	63.830	39.736	87.224	70.536	62.368	32.524	64.225	82.365	82.148	85.435	107.199	106.660	116.614
9/21/2011 3:00	33.895	43.178	46.671	55.088	51.406	40.206	46.153	64.414	63.834	39.743	87.213	70.543	62.375	32.513	64.247	82.366	82.146	85.451	107.200	106.677	116.609
9/21/2011 6:00	33.904	43.175	46.716	55.079	51.427	40.203	46.162	64.444	63.843	39.731	87.243	70.531	62.372	32.522	64.244	82.366	82.146	85.451	107.200	106.652	116.584
9/21/2011 9:00	33.929	43.191	46.690	55.083	51.401	40.192	46.166	64.439	63.832	39.729	87.247	70.535	62.379	32.508	64.236	82.366	82.147	85.446	107.192	106.644	116.564
9/21/2011 12:00	33.885	43.177	46.700	55.090	51.408	40.205	46.155	64.425	63.845	39.733	87.236	70.551	62.365	32.527	64.249	82.365	82.157	85.450	107.205	106.633	116.547
9/21/2011 15:00	33.816	43.162	46.670	55.069	51.399	40.184	46.128	64.410	63.833	39.718	87.210	70.534	62.368	32.522	64.234	82.356	82.133	85.420	107.148	106.619	116.533
9/21/2011 18:00	33.844	43.190	46.698	55.079	51.415	40.173	46.144	64.429	63.858	39.728	87.238	70.552	62.396	32.514	64.250	82.375	82.149	85.460	107.164	106.635	116.515
9/21/2011 21:00	33.939	43.189	46.700	55.105	51.441	40.202	46.142	64.449	63.854	39.739	87.257	70.566	62.389	32.518	64.258	82.386	82.157	85.465	107.190	106.654	116.523
9/22/2011 0:00	33.917	43.179	46.666	55.101	51.440	40.198	46.142	64.448	63.856	39.735	87.256	70.574	62.397	32.523	64.257	82.397	82.168	85.464	107.168	106.638	116.504
9/22/2011 3:00	33.917	43.188	46.678	55.110	51.440	40.198	46.154	64.436	63.856	39.726	87.256	70.574	62.397	32.523	64.269	82.397	82.147	85.443	107.180	106.632	116.486
9/22/2011 6:00	33.927	43.189	46.676	55.111	51.450	40.199	46.152	64.458	63.878	39.736	87.278	70.584	62.395	32.533	64.279	82.398	82.145	85.474	107.169	106.642	116.487
9/22/2011 9:00	33.977	43.197	46.687	55.113	51.431	40.192	46.159	64.475													

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
9/24/2011 15:00	33.697	43.073	46.638	55.010	51.349	40.044	46.009	64.408	63.816	39.617	87.133	70.664	62.441	32.493	64.317	82.438	82.068	85.340	106.969	106.424	116.224
9/24/2011 18:00	33.744	43.069	46.661	55.006	51.384	40.043	46.014	64.413	63.806	39.619	87.147	70.681	62.437	32.489	64.319	82.431	82.061	85.357	106.986	106.438	116.208
9/24/2011 21:00	33.788	43.092	46.627	55.032	51.398	40.078	46.025	64.457	63.829	39.633	87.160	70.677	62.451	32.482	64.342	82.442	82.084	85.371	106.982	106.452	116.219
9/25/2011 0:00	33.793	43.085	46.617	55.037	51.385	40.065	46.030	64.429	63.822	39.620	87.165	70.682	62.444	32.463	64.335	82.438	82.077	85.367	106.987	106.433	116.188
9/25/2011 3:00	33.766	43.091	46.656	55.040	51.376	40.095	46.024	64.423	63.816	39.632	87.169	70.703	62.459	32.460	64.341	82.453	82.095	85.370	106.978	106.430	116.179
9/25/2011 6:00	33.788	43.080	46.639	55.032	51.389	40.069	46.013	64.436	63.829	39.624	87.169	70.707	62.451	32.470	64.342	82.442	82.093	85.341	106.958	106.419	116.159
9/25/2011 9:00	33.825	43.096	46.664	55.039	51.408	40.088	46.028	64.452	63.830	39.606	87.176	70.702	62.458	32.480	64.334	82.443	82.088	85.387	106.964	106.435	116.136
9/25/2011 12:00	33.803	43.107	46.642	55.056	51.386	40.084	46.028	64.472	63.844	39.621	87.163	70.710	62.454	32.485	64.333	82.448	82.099	85.386	106.951	106.422	116.138
9/25/2011 15:00	33.707	43.095	46.624	55.050	51.378	40.084	46.007	64.418	63.838	39.627	87.152	70.716	62.472	32.476	64.348	82.448	82.078	85.368	106.946	106.380	116.120
9/25/2011 18:00	33.733	43.079	46.623	55.025	51.382	40.101	46.012	64.402	63.819	39.626	87.148	70.700	62.456	32.466	64.341	82.438	82.083	85.355	106.921	106.391	116.095
9/25/2011 21:00	33.798	43.027	46.610	54.991	51.330	40.061	45.947	64.371	63.803	39.607	87.116	70.717	62.470	32.468	64.340	82.452	82.082	85.312	106.838	106.294	116.091
9/26/2011 0:00	33.760	43.022	46.638	54.965	51.313	40.032	45.930	64.354	63.789	39.605	87.111	70.718	62.474	32.505	64.347	82.456	82.065	85.304	106.851	106.295	116.089
9/26/2011 3:00	33.743	43.005	46.582	54.957	51.326	40.015	45.925	64.358	63.772	39.600	87.082	70.722	62.466	32.476	64.339	82.457	82.048	85.266	106.819	106.278	116.063
9/26/2011 6:00	33.760	43.022	46.599	54.944	51.301	40.011	45.921	64.387	63.777	39.578	87.099	70.718	62.474	32.466	64.347	82.456	82.032	85.274	106.791	106.271	116.053
9/26/2011 9:00	33.771	43.021	46.586	54.946	51.312	40.004	45.908	64.386	63.788	39.571	87.077	70.729	62.473	32.465	64.346	82.443	82.013	85.276	106.802	106.273	116.039
9/26/2011 12:00	33.754	43.025	46.569	54.959	51.334	40.005	45.915	64.390	63.783	39.581	87.093	70.742	62.477	32.472	64.350	82.459	82.026	85.298	106.803	106.265	116.022
9/26/2011 15:00	33.700	43.025	46.566	54.944	51.301	40.011	45.891	64.348	63.786	39.575	87.094	70.748	62.474	32.445	64.341	82.450	82.005	85.283	106.785	106.244	116.002
9/26/2011 18:00	33.743	43.020	46.570	54.948	51.326	39.994	45.913	64.370	63.772	39.579	87.070	70.740	62.478	32.449	64.351	82.457	82.006	85.257	106.765	106.245	115.993
9/26/2011 21:00	33.707	43.020	46.561	54.951	51.299	39.988	45.910	64.343	63.793	39.573	87.079	70.746	62.481	32.452	64.348	82.457	82.003	85.260	106.777	106.242	115.990
9/27/2011 0:00	33.706	43.025	46.572	54.968	51.307	39.987	45.922	64.375	63.792	39.572	87.109	70.763	62.480	32.475	64.356	82.456	82.011	85.280	106.755	106.241	115.980
9/27/2011 3:00	33.684	43.015	46.538	54.958	51.306	40.004	45.921	64.374	63.815	39.568	87.105	70.753	62.489	32.441	64.358	82.458	82.022	85.288	106.748	106.207	115.967
9/27/2011 6:00	33.712	43.010	46.551	54.935	51.292	39.993	45.894	64.369	63.774	39.557	87.063	70.751	62.477	32.445	64.353	82.444	81.996	85.247	106.743	106.199	115.935
9/27/2011 9:00	33.743	43.020	46.570	54.948	51.305	39.994	45.904	64.370	63.784	39.570	87.079	70.761	62.478	32.461	64.351	82.457	82.015	85.290	106.726	106.203	115.924
9/27/2011 12:00	33.729	43.027	46.544	54.964	51.330	40.001	45.911	64.356	63.803	39.565	87.089	70.768	62.494	32.447	64.349	82.452	82.013	85.282	106.712	106.210	115.910
9/27/2011 15:00	33.643	43.016	46.536	54.956	51.292	40.002	45.889	64.366	63.783	39.563	87.067	70.751	62.481	32.439	64.338	82.426	82.014	85.268	106.692	106.166	115.875
9/27/2011 18:00	33.652	43.025	46.530	54.956	51.323	40.011	45.910	64.342	63.792	39.572	87.085	70.782	62.499	32.433	64.359	82.453	82.011	85.286	106.689	106.175	115.902
9/27/2011 21:00	33.668	43.041	46.585	54.981	51.330	40.006	45.914	64.379	63.808	39.579	87.083	70.786	62.515	32.452	64.363	82.460	82.006	85.284	106.717	106.170	115.882
9/28/2011 0:00	33.695	43.059	46.573	54.969	51.344	40.024	45.920	64.376	63.826	39.579	87.116	70.773	62.512	32.452	64.369	82.469	82.012	85.317	106.705	106.176	115.867
9/28/2011 3:00	33.658	43.043	46.551	54.971	51.329	40.026	45.916	64.369	63.810	39.569	87.100	70.776	62.505	32.454	64.365	82.468	82.008	85.292	106.674	106.160	115.857
9/28/2011 6:00	33.673	43.046	46.566	54.965	51.313	40.041	45.910	64.354	63.792	39.566	87.094	70.781	62.499	32.430	64.368	82.465	81.990	85.289	106.665	106.133	115.836
9/28/2011 9:00	33.690	43.042	46.556	54.964	51.321	40.001	45.906	64.347	63.809	39.574	87.078	70.777	62.495	32.447	64.364	82.464	82.007	85.315	106.658	106.126	115.829
9/28/2011 12:00	33.669	43.054	46.547	54.982	51.309	40.028	45.906	64.380	63.821	39.580	87.090	70.799	62.507	32.426	64.376	82.461	82.019	85.285	106.664	106.129	115.799
9/28/2011 15:00	33.600	43.036	46.544	54.961	51.280	39.995	45.900	64.344	63.809	39.577	87.096	70.790	62.498	32.432	64.346	82.444	81.992	85.276	106.616	106.090	115.790
9/28/2011 18:00	33.604	43.052	46.599	54.965	51.305	40.047	45.895	64.348	63.825	39.572	87.088	70.794	62.502	32.451	64.362	82.457	82.008	85.268	106.629	106.085	115.794
9/28/2011 21:00	33.620	43.068	46.576	54.963	51.291	40.015	45.899	64.343	63.835	39.588	87.077	70.798	62.509	32.428	64.369	82.464	82.000	85.275	106.612	106.080	115.774
9/29/2011 0:00	33.641	43.056	46.558	54.984	51.321	40.036	45.911	64.364	63.832	39.582	87.083	70.801	62.518	32.425	64.357	82.451	82.000	85.287	106.633	106.101	115.753
9/29/2011 3:00	33.608	43.065	46.552	54.990	51.309	40.042	45.908	64.373	63.844	39.585	87.104	70.807	62.515	32.392	64.366	82.461	82.012	85.284	106.609	106.068	115.747
9/29/2011 6:00	33.636	43.063	46.541	54.979	51.298	40.040	45.906	64.359	63.827	39.586	87.090	70.814	62.513	32.405	64.373	82.455	82.007	85.282	106.568	106.051	115.724
9/29/2011 9:00	33.668	43.062	46.573	54.981	51.290	40.054	45.905	64.358	63.835	39.579	87.080	70.816	62.524	32.413	64.372	82.460	82.006	85.263	106.570	106.050	115.720
9/29/2011 12:00	33.642	43.078	46.586	54.994	51.313	40.058	45.912	64.365	63.845	39.592	87.075	70.820	62.531	32.399	64.379	82.470	82.013	85.267	106.574	106.036	115.703
9/29/2011 15:00	33.566	43.065	46.576	54.987	51.279	40.030	45.899	64.352	63.826	39.591	87.071	70.816	62.515	32.386	64.366	82.464	82.003	85.251	106.549	106.014	115.696
9/29/2011 18:00	33.555	43.075	46.565	54.976	51.277	40.028	45.912	64.353	63.836	39.589	87.072	70.814	62.525	32.402	64.379	82.462	82.002	85.249	106.526	105.991	115.676
9/29/2011 21:00	33.609	43.087	46.541	54.982	51.292	40.052	45.921	64.374	63.845	39.595	87.072	70.829	62.537	32.405	64.379	82.462	82.013	85.285	106.541	105.991	115.679
9/30/2011 0:00	33.614	43.104	46.585	55.005	51.306	40.039	45.914	64.400	63.850	39.600	87.110	70.843	62.533	32.398	64.384	82.476	82.006	85.278	106.516	105.996	115.666
9/30/2011 3:00	33.581	43.101	46.564	55.011	51.294	40.072	45.926	64.388	63.850	39.588	87.107	70.840	62.539	32.401	64.381	82.479	82.006	85.284	106.519	105.987	115.651
9/30/2011 6:00	33.581	43.092	46.576	54.993	51.282	40.063	45.914	64.37													

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
10/2/2011 12:00	33.835	43.166	46.635	55.028	51.319	40.125	45.984	64.408	63.912	39.653	87.096	70.901	62.579	32.414	64.416	82.480	82.011	85.271	106.355	105.820	115.406
10/2/2011 15:00	33.771	43.156	46.622	55.006	51.294	40.109	45.962	64.398	63.893	39.637	87.053	70.885	62.576	32.401	64.409	82.476	81.989	85.246	106.312	105.789	115.378
10/2/2011 18:00	33.798	43.150	46.598	55.012	51.309	40.127	45.980	64.425	63.911	39.625	87.080	70.894	62.572	32.416	64.412	82.479	81.995	85.246	106.324	105.783	115.351
10/2/2011 21:00	33.862	43.160	46.623	55.028	51.325	40.143	46.011	64.435	63.930	39.643	87.069	70.889	62.585	32.429	64.422	82.480	81.993	85.259	106.349	105.792	115.355
10/3/2011 0:00	33.898	43.175	46.644	55.022	51.340	40.140	46.014	64.405	63.930	39.640	87.084	70.907	62.588	32.426	64.416	82.492	81.999	85.286	106.319	105.786	115.348
10/3/2011 3:00	33.910	43.187	46.656	55.024	51.343	40.143	46.005	64.417	63.933	39.643	87.096	70.919	62.600	32.426	64.416	82.486	81.999	85.267	106.328	105.786	115.336
10/3/2011 6:00	33.952	43.187	46.646	55.048	51.334	40.146	46.014	64.471	63.951	39.649	87.096	70.919	62.603	32.444	64.437	82.501	82.008	85.270	106.316	105.786	115.324
10/3/2011 9:00	33.991	43.184	46.673	55.045	51.346	40.166	46.020	64.444	63.966	39.649	87.093	70.919	62.612	32.432	64.418	82.498	82.013	85.267	106.315	105.783	115.312
10/3/2011 12:00	33.958	43.184	46.680	55.033	51.331	40.152	45.999	64.423	63.945	39.646	87.075	70.913	62.597	32.423	64.418	82.492	81.980	85.255	106.291	105.750	115.288
10/3/2011 15:00	33.880	43.178	46.641	55.034	51.313	40.143	45.996	64.432	63.936	39.643	87.066	70.925	62.591	32.435	64.419	82.474	81.981	85.237	106.274	105.714	115.261
10/3/2011 18:00	33.906	43.174	46.640	55.020	51.330	40.139	46.001	64.425	63.929	39.630	87.062	70.912	62.596	32.446	64.412	82.482	81.983	85.242	106.261	105.728	115.254
10/3/2011 21:00	33.970	43.184	46.664	55.036	51.334	40.154	46.032	64.456	63.957	39.649	87.033	70.916	62.621	32.435	64.430	82.495	81.992	85.246	106.264	105.729	115.267
10/4/2011 0:00	34.002	43.195	46.669	55.047	51.336	40.168	46.031	64.455	63.977	39.660	87.104	70.936	62.611	32.443	64.441	82.491	81.991	85.269	106.266	105.740	115.263
10/4/2011 3:00	34.008	43.192	46.636	55.044	51.342	40.165	46.037	64.440	63.962	39.657	87.080	70.924	62.617	32.422	64.426	82.497	81.997	85.266	106.263	105.701	115.245
10/4/2011 6:00	34.050	43.222	46.693	55.056	51.354	40.168	46.049	64.473	63.971	39.663	87.092	70.936	62.629	32.452	64.444	82.506	81.985	85.278	106.257	105.701	115.227
10/4/2011 9:00	34.088	43.208	46.653	55.055	51.331	40.185	46.042	64.465	63.985	39.662	87.076	70.932	62.607	32.466	64.440	82.489	81.981	85.265	106.235	105.697	115.205
10/4/2011 12:00	34.058	43.208	46.662	55.043	51.332	40.185	46.045	64.468	63.967	39.662	87.085	70.944	62.607	32.436	64.443	82.495	81.993	85.265	106.211	105.688	115.190
10/4/2011 15:00	33.983	43.197	46.665	55.028	51.308	40.177	46.036	64.448	63.958	39.671	87.046	70.938	62.604	32.448	64.434	82.490	81.984	85.250	106.205	105.646	115.166
10/4/2011 18:00	33.985	43.199	46.667	55.021	51.340	40.169	46.038	64.462	63.960	39.643	87.027	70.940	62.606	32.450	64.436	82.492	81.965	85.234	106.180	105.657	115.153
10/4/2011 21:00	34.035	43.228	46.666	55.041	51.339	40.180	46.055	64.467	63.977	39.666	87.056	70.960	62.623	32.464	64.453	82.500	81.982	85.263	106.212	105.644	115.158
10/5/2011 0:00	34.049	43.211	46.668	55.034	51.344	40.206	46.057	64.459	63.979	39.662	87.070	70.965	62.628	32.478	64.455	82.505	81.984	85.256	106.205	105.646	115.148
10/5/2011 3:00	34.050	43.234	46.669	55.026	51.345	40.186	46.070	64.473	63.980	39.654	87.071	70.966	62.638	32.464	64.456	82.506	81.985	85.248	106.188	105.638	115.131
10/5/2011 6:00	34.092	43.242	46.684	55.038	51.335	40.189	46.058	64.481	63.989	39.666	87.092	70.966	62.641	32.482	64.465	82.511	81.985	85.260	106.218	105.634	115.139
10/5/2011 9:00	34.117	43.237	46.697	55.054	51.330	40.205	46.071	64.485	63.992	39.673	87.071	70.961	62.636	32.480	64.469	82.503	81.977	85.276	106.195	105.638	115.104
10/5/2011 12:00	34.068	43.230	46.687	55.044	51.311	40.177	46.043	64.469	63.998	39.651	87.080	70.963	62.638	32.458	64.453	82.496	81.973	85.236	106.146	105.601	115.088
10/5/2011 15:00	33.987	43.213	46.657	55.023	51.282	40.181	46.049	64.452	63.974	39.654	87.071	70.951	62.626	32.464	64.447	82.485	81.967	85.224	106.104	105.575	115.068
10/5/2011 18:00	33.987	43.222	46.684	55.023	51.300	40.190	46.049	64.464	63.983	39.654	87.041	70.963	62.617	32.452	64.447	82.485	81.946	85.224	106.113	105.575	115.043
10/5/2011 21:00	34.035	43.240	46.678	55.032	51.318	40.201	46.064	64.479	63.995	39.657	87.068	70.981	62.644	32.464	64.462	82.500	81.961	85.224	106.122	105.577	115.046
10/6/2011 0:00	34.050	43.243	46.693	55.035	51.324	40.216	46.058	64.473	64.001	39.672	87.050	70.975	62.659	32.464	64.468	82.506	81.976	85.248	106.125	105.571	115.037
10/6/2011 3:00	34.067	43.239	46.686	55.043	51.319	40.203	46.066	64.490	64.006	39.671	87.055	70.992	62.667	32.469	64.485	82.514	81.960	85.235	106.121	105.576	115.027
10/6/2011 6:00	34.095	43.245	46.687	55.023	51.329	40.174	46.070	64.484	63.998	39.669	87.040	70.969	62.653	32.446	64.468	82.505	81.955	85.233	106.104	105.562	115.022
10/6/2011 9:00	34.149	43.257	46.714	55.038	51.332	40.210	46.082	64.496	64.006	39.669	87.064	70.984	62.656	32.488	64.480	82.508	81.967	85.218	106.110	105.562	115.016
10/6/2011 12:00	34.123	43.264	46.688	55.030	51.327	40.193	46.056	64.479	64.004	39.670	87.047	70.979	62.651	32.450	64.475	82.500	81.962	85.231	106.084	105.536	114.981
10/6/2011 15:00	34.069	43.231	46.688	55.015	51.312	40.187	46.056	64.479	63.984	39.643	87.026	70.964	62.627	32.447	64.454	82.479	81.950	85.198	106.060	105.503	114.945
10/6/2011 18:00	34.079	43.241	46.671	55.025	51.322	40.197	46.054	64.468	63.994	39.662	87.015	70.965	62.658	32.457	64.464	82.489	81.951	85.199	106.076	105.525	114.946
10/6/2011 21:00	34.142	43.262	46.707	55.040	51.325	40.212	46.087	64.498	64.023	39.680	87.057	70.986	62.670	32.457	64.494	82.510	81.960	85.232	106.112	105.525	114.949
10/7/2011 0:00	34.148	43.268	46.689	55.037	51.322	40.197	46.081	64.516	64.029	39.686	87.042	70.983	62.667	32.475	64.488	82.507	81.942	85.217	106.084	105.531	114.937
10/7/2011 3:00	34.144	43.264	46.697	55.042	51.327	40.184	46.089	64.500	64.013	39.670	87.038	70.988	62.663	32.495	64.496	82.503	81.950	85.222	106.071	105.527	114.924
10/7/2011 6:00	34.179	43.266	46.693	55.038	51.344	40.192	46.079	64.505	64.015	39.678	87.040	70.993	62.677	32.467	64.498	82.502	81.952	85.200	106.067	105.517	114.917
10/7/2011 9:00	34.236	43.290	46.723	55.044	51.350	40.219	46.082	64.517	64.039	39.678	87.043	71.002	62.683	32.472	64.489	82.499	81.955	85.215	106.079	105.520	114.904
10/7/2011 12:00	34.208	43.283	46.710	55.046	51.352	40.200	46.087	64.522	64.044	39.680	87.006	71.013	62.676	32.484	64.482	82.507	81.948	85.208	106.066	105.507	114.886
10/7/2011 15:00	34.156	43.264	46.709	55.024	51.321	40.196	46.068	64.503	64.013	39.664	86.996	70.991	62.675	32.471	64.475	82.497	81.929	85.195	106.029	105.494	114.849
10/7/2011 18:00	34.192	43.279	46.733	55.030	51.357	40.223	46.092	64.518	64.040	39.691	87.011	70.997	62.669	32.468	64.490	82.500	81.944	85.213	106.050	105.497	114.860
10/7/2011 21:00	34.231	43.297	46.718	55.039	51.345	40.223	46.110	64.512	64.043	39.685	87.017	71.015	62.666	32.467	64.496	82.494	81.938	85.222	106.044	105.506	114.848
10/8/2011 0:00	34.219	43.294	46.745	55.039	51.363	40.220	46.092	64.521	64.043	39.682	87.026	71.015	62.687	32.443	64.493	82.500	81.950	85.240	106.038	105.497	114.836
10/8/2011 3:00	34.223	43.277	46.749	55.043	51.349	40.236	46.096	64.5													

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
10/10/2011 9:00	33.917	43.290	46.702	54.983	51.299	40.228	46.060	64.490	64.024	39.659	86.971	71.016	62.722	32.457	64.498	82.511	81.876	85.166	105.980	105.426	114.604
10/10/2011 12:00	33.889	43.283	46.713	55.000	51.313	40.218	46.065	64.516	64.041	39.670	86.964	71.019	62.712	32.468	64.527	82.516	81.878	85.177	105.976	105.444	114.576
10/10/2011 15:00	33.798	43.276	46.715	54.973	51.309	40.232	46.074	64.500	64.031	39.664	86.969	71.027	62.735	32.480	64.511	82.530	81.887	85.165	105.975	105.422	114.560
10/10/2011 18:00	33.797	43.266	46.699	54.969	51.269	40.213	46.049	64.487	64.018	39.654	86.944	71.026	62.722	32.467	64.510	82.520	81.874	85.124	105.965	105.442	114.559
10/10/2011 21:00	33.797	43.254	46.699	54.963	51.290	40.213	46.040	64.466	64.018	39.642	86.923	71.035	62.722	32.452	64.510	82.520	81.874	85.124	105.983	105.454	114.550
10/11/2011 0:00	33.761	43.251	46.717	54.954	51.254	40.213	46.037	64.484	64.015	39.645	86.941	71.011	62.728	32.455	64.507	82.526	81.862	85.137	106.016	105.487	114.532
10/11/2011 3:00	33.711	43.243	46.706	54.961	51.264	40.202	46.017	64.467	63.999	39.631	86.912	71.009	62.738	32.480	64.511	82.503	81.854	85.108	106.023	105.518	114.518
10/11/2011 6:00	33.722	43.242	46.678	54.957	51.245	40.186	46.019	64.478	63.988	39.624	86.902	71.032	62.731	32.467	64.501	82.523	81.844	85.110	106.055	105.550	114.502
10/11/2011 9:00	33.726	43.246	46.694	54.949	51.237	40.190	46.011	64.482	64.004	39.628	86.918	71.024	62.735	32.483	64.496	82.491	81.836	85.144	106.108	105.596	114.497
10/11/2011 12:00	33.710	43.242	46.690	54.951	51.251	40.192	46.007	64.487	63.998	39.621	86.923	71.029	62.737	32.455	64.501	82.511	81.832	85.137	106.131	105.652	114.481
10/11/2011 15:00	33.642	43.229	46.688	54.931	51.243	40.181	45.993	64.449	63.987	39.610	86.918	71.012	62.720	32.462	64.487	82.504	81.830	85.108	106.168	105.675	114.455
10/11/2011 18:00	33.640	43.236	46.698	54.929	51.250	40.170	46.000	64.472	63.985	39.617	86.925	71.028	62.730	32.436	64.506	82.511	81.816	85.127	106.199	105.733	114.453
10/11/2011 21:00	33.657	43.244	46.676	54.937	51.267	40.169	45.996	64.489	63.990	39.607	86.921	71.036	62.735	32.465	64.283	82.510	81.845	85.153	106.255	105.786	114.446
10/12/2011 0:00	33.625	43.242	46.671	54.944	51.247	40.194	45.997	64.487	63.982	39.602	86.952	71.025	62.736	32.457	64.272	82.496	81.855	85.130	106.313	105.847	114.423
10/12/2011 3:00	33.608	43.246	46.681	54.945	51.270	40.186	45.989	64.482	63.998	39.603	86.968	71.038	62.737	32.455	64.279	82.506	81.850	85.143	106.353	105.893	114.415
10/12/2011 6:00	33.587	43.216	46.660	54.936	51.209	40.196	45.959	64.440	63.956	39.594	86.938	71.026	62.749	32.446	64.291	82.500	81.838	85.143	106.363	105.911	114.409
10/12/2011 9:00	33.603	43.220	46.676	54.913	51.225	40.151	45.942	64.435	63.960	39.580	86.921	71.021	62.723	32.450	64.274	82.492	81.833	85.120	106.427	105.964	114.392
10/12/2011 12:00	33.593	43.231	46.666	54.921	51.224	40.150	45.953	64.437	63.962	39.579	86.932	71.023	62.734	32.464	64.273	82.491	81.844	85.149	106.456	106.008	114.382
10/12/2011 15:00	33.544	43.224	46.656	54.902	51.215	40.140	45.949	64.451	63.967	39.569	86.959	71.022	62.736	32.427	64.269	82.493	81.849	85.148	106.497	106.019	114.375
10/12/2011 18:00	33.539	43.219	46.651	54.918	51.222	40.126	45.953	64.434	63.962	39.564	86.942	71.029	62.740	32.449	64.276	82.497	81.856	85.164	106.516	106.050	114.352
10/12/2011 21:00	33.561	43.220	46.646	54.910	51.201	40.109	45.933	64.444	63.963	39.556	86.955	71.030	62.732	32.420	64.253	82.483	81.857	85.165	106.544	106.057	114.332
10/13/2011 0:00	33.549	43.241	46.661	54.946	51.241	40.145	45.942	64.468	63.972	39.574	86.973	71.027	62.750	32.444	64.262	82.489	81.866	85.213	106.571	106.099	114.329
10/13/2011 3:00	33.505	43.239	46.657	54.932	51.227	40.141	45.940	64.463	63.964	39.566	86.983	71.035	62.749	32.415	64.251	82.481	81.876	85.187	106.545	106.088	114.318
10/13/2011 6:00	33.506	43.228	46.658	54.933	51.219	40.151	45.941	64.434	63.965	39.567	86.993	71.036	62.759	32.416	64.264	82.488	81.889	85.188	106.585	106.104	114.313
10/13/2011 9:00	33.516	43.229	46.680	54.934	51.238	40.134	45.942	64.423	63.963	39.559	86.982	71.024	62.748	32.426	64.262	82.492	81.875	85.192	106.586	106.114	114.296
10/13/2011 12:00	33.484	43.239	46.651	54.941	51.245	40.129	45.943	64.454	63.976	39.575	87.004	71.035	62.749	32.418	64.263	82.493	81.897	85.205	106.602	106.136	114.297
10/13/2011 15:00	33.404	43.234	46.658	54.949	51.246	40.145	45.926	64.440	63.953	39.570	86.999	71.033	62.738	32.413	64.261	82.491	81.905	85.207	106.616	106.098	114.280
10/13/2011 18:00	33.381	43.241	46.665	54.938	51.211	40.143	45.915	64.426	63.951	39.547	87.006	71.031	62.748	32.405	64.247	82.477	81.894	85.193	106.590	106.093	114.248
10/13/2011 21:00	33.457	43.275	46.675	54.953	51.257	40.162	45.937	64.460	63.973	39.575	87.031	71.056	62.761	32.418	64.257	82.493	81.916	85.248	106.636	106.130	114.264
10/14/2011 0:00	33.457	43.266	46.675	54.974	51.257	40.162	45.937	64.460	63.982	39.575	87.031	71.038	62.752	32.403	64.257	82.484	81.928	85.230	106.636	106.136	114.246
10/14/2011 3:00	33.440	43.258	46.658	54.976	51.270	40.133	45.941	64.464	63.977	39.576	87.044	71.051	62.765	32.425	64.252	82.494	81.941	85.243	106.637	106.128	114.238
10/14/2011 6:00	33.488	43.264	46.679	54.975	51.270	40.163	45.947	64.458	63.992	39.579	87.050	71.048	62.762	32.434	64.267	82.497	81.947	85.261	106.667	106.134	114.235
10/14/2011 9:00	33.554	43.288	46.642	54.981	51.276	40.163	45.935	64.470	63.989	39.579	87.053	71.044	62.768	32.413	64.246	82.485	81.946	85.266	106.648	106.140	114.222
10/14/2011 12:00	33.571	43.272	46.659	54.998	51.284	40.167	45.943	64.499	63.985	39.587	87.058	71.040	62.751	32.418	64.242	82.484	81.954	85.262	106.650	106.157	114.197
10/14/2011 15:00	33.544	43.287	46.672	54.992	51.284	40.162	45.949	64.484	63.991	39.596	87.085	71.034	62.758	32.427	64.248	82.475	81.948	85.286	106.638	106.136	114.185
10/14/2011 18:00	33.587	43.288	46.675	54.993	51.288	40.156	45.938	64.461	63.989	39.594	87.065	71.047	62.758	32.446	64.258	82.485	81.958	85.269	106.657	106.152	114.168
10/14/2011 21:00	33.673	43.302	46.668	55.022	51.313	40.173	45.958	64.492	63.997	39.593	87.076	71.052	62.772	32.457	64.266	82.492	81.978	85.307	106.695	106.181	114.170
10/15/2011 0:00	33.737	43.324	46.708	55.047	51.329	40.201	45.980	64.505	64.025	39.612	87.118	71.047	62.785	32.443	64.264	82.502	82.000	85.320	106.708	106.185	114.165
10/15/2011 3:00	33.739	43.314	46.671	55.037	51.331	40.203	45.970	64.495	64.027	39.614	87.133	71.037	62.766	32.433	64.257	82.495	82.002	85.343	106.707	106.169	114.149
10/15/2011 6:00	33.787	43.328	46.665	55.058	51.319	40.203	45.984	64.531	64.008	39.614	87.126	71.037	62.775	32.481	64.260	82.492	82.017	85.322	106.710	106.181	114.137
10/15/2011 9:00	33.835	43.334	46.701	55.064	51.337	40.239	45.990	64.528	64.032	39.616	87.120	71.064	62.781	32.426	64.274	82.507	82.032	85.340	106.719	106.190	114.134
10/15/2011 12:00	33.804	43.324	46.670	55.054	51.336	40.208	45.971	64.518	64.025	39.604	87.131	71.033	62.771	32.446	64.264	82.485	82.022	85.339	106.688	106.165	114.094
10/15/2011 15:00	33.739	43.314	46.671	55.037	51.310	40.221	45.970	64.507	64.017	39.614	87.133	71.028	62.757	32.433	64.245	82.489	82.011	85.301	106.683	106.175	114.089
10/15/2011 18:00	33.771	43.312	46.688	55.051	51.324	40.205	45.980	64.527	64.025	39.616	87.122	71.039	62.768	32.413	64.244	82.485	82.022	85.306	106.703	106.165	114.088
10/15/2011 21:00	33.852	43.342	46.691	55.072	51.375	40.220	45.995	64.545	64.037	39.624	87.137	71.060	62.777	32.458	64.270	82.497	82.040	85.357	106.715	106.191	114.090
10/16/2011 0:00	33.894	43.351	46.694	55																	

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
10/18/2011 6:00	33.673	43.365	46.695	55.115	51.413	40.242	46.012	64.589	64.063	39.632	87.232	71.082	62.793	32.457	64.287	82.526	82.110	85.436	107.164	106.695	113.884
10/18/2011 9:00	33.679	43.350	46.701	55.109	51.401	40.257	46.018	64.574	64.057	39.638	87.241	71.079	62.799	32.463	64.284	82.532	82.116	85.455	107.182	106.719	113.875
10/18/2011 12:00	33.598	43.332	46.726	55.097	51.389	40.225	45.997	64.547	64.057	39.623	87.253	71.076	62.799	32.445	64.269	82.529	82.111	85.443	107.189	106.713	113.845
10/18/2011 15:00	33.506	43.357	46.697	55.096	51.375	40.238	45.974	64.542	64.043	39.633	87.245	71.087	62.789	32.452	64.285	82.515	82.127	85.429	107.196	106.730	113.838
10/18/2011 18:00	33.457	43.287	46.687	55.077	51.326	40.198	45.952	64.493	64.018	39.611	87.205	71.086	62.803	32.442	64.290	82.511	82.123	85.401	107.186	106.690	113.834
10/18/2011 21:00	33.387	43.259	46.656	55.034	51.295	40.176	45.927	64.474	63.981	39.581	87.171	71.088	62.793	32.435	64.278	82.519	82.107	85.379	107.155	106.686	113.815
10/19/2011 0:00	33.305	43.261	46.628	55.033	51.303	40.163	45.914	64.467	63.977	39.574	87.192	71.096	62.804	32.429	64.271	82.521	82.100	85.378	107.172	106.688	113.802
10/19/2011 3:00	33.219	43.260	46.620	55.025	51.287	40.152	45.901	64.481	63.973	39.572	87.181	71.088	62.808	32.433	64.284	82.523	82.102	85.370	107.204	106.689	113.800
10/19/2011 6:00	33.149	43.223	46.616	55.003	51.268	40.103	45.873	64.462	63.957	39.529	87.153	71.069	62.802	32.426	64.268	82.513	82.074	85.361	107.173	106.679	113.775
10/19/2011 9:00	33.138	43.242	46.590	55.004	51.266	40.101	45.868	64.451	63.958	39.527	87.175	71.089	62.809	32.439	64.281	82.529	82.087	85.389	107.171	106.695	113.779
10/19/2011 12:00	33.095	43.220	46.586	55.000	51.274	40.107	45.873	64.453	63.948	39.523	87.141	71.085	62.799	32.396	64.268	82.513	82.065	85.376	107.197	106.683	113.754
10/19/2011 15:00	33.105	43.230	46.611	55.010	51.284	40.089	45.844	64.451	63.958	39.515	87.151	71.086	62.797	32.406	64.278	82.505	82.063	85.377	107.186	106.717	113.755
10/19/2011 18:00	33.278	43.256	46.640	55.036	51.315	40.097	45.872	64.485	63.987	39.529	87.198	71.087	62.798	32.417	64.277	82.521	82.094	85.408	107.241	106.748	113.757
10/19/2011 21:00	33.424	43.284	46.654	55.062	51.353	40.138	45.877	64.511	64.006	39.533	87.221	71.095	62.809	32.421	64.281	82.520	82.099	85.446	107.291	106.798	113.747
10/20/2011 0:00	33.451	43.281	46.630	55.071	51.380	40.144	45.892	64.529	64.000	39.542	87.266	71.101	62.806	32.460	64.284	82.529	82.126	85.464	107.318	106.813	113.732
10/20/2011 3:00	33.515	43.303	46.655	55.096	51.375	40.142	45.902	64.527	64.019	39.558	87.263	71.105	62.810	32.410	64.294	82.524	82.148	85.489	107.352	106.844	113.726
10/20/2011 6:00	33.586	43.320	46.635	55.106	51.407	40.173	45.898	64.535	64.021	39.563	87.283	71.107	62.809	32.433	64.287	82.526	82.165	85.509	107.363	106.864	113.722
10/20/2011 9:00	33.668	43.327	46.651	55.110	51.429	40.168	45.914	64.542	64.037	39.579	87.314	71.098	62.818	32.437	64.291	82.539	82.169	85.522	107.376	106.892	113.708
10/20/2011 12:00	33.684	43.322	46.679	55.126	51.424	40.184	45.921	64.558	64.041	39.577	87.306	71.102	62.813	32.429	64.295	82.546	82.185	85.538	107.422	106.908	113.706
10/20/2011 15:00	33.668	43.306	46.690	55.119	51.429	40.180	45.926	64.530	64.046	39.579	87.311	71.098	62.809	32.452	64.282	82.530	82.193	85.531	107.406	106.922	113.684
10/20/2011 18:00	33.737	43.333	46.642	55.149	51.447	40.171	45.919	64.556	64.049	39.585	87.329	71.107	62.806	32.443	64.315	82.529	82.208	85.540	107.445	106.970	113.684
10/20/2011 21:00	33.807	43.348	46.685	55.159	51.456	40.202	45.935	64.563	64.049	39.598	87.333	71.105	62.804	32.437	64.298	82.539	82.211	85.561	107.497	107.010	113.676
10/21/2011 0:00	33.845	43.344	46.684	55.167	51.467	40.165	45.940	64.556	64.054	39.596	87.392	71.104	62.812	32.412	64.302	82.532	82.237	85.590	107.526	107.048	113.662
10/21/2011 3:00	33.844	43.343	46.671	55.175	51.466	40.191	45.939	64.567	64.053	39.607	87.382	71.112	62.820	32.435	64.314	82.540	82.248	85.598	107.573	107.110	113.652
10/21/2011 6:00	33.897	43.354	46.685	55.189	51.477	40.187	45.950	64.587	64.073	39.612	87.381	71.117	62.813	32.437	64.312	82.551	82.268	85.600	107.644	107.175	113.654
10/21/2011 9:00	33.947	43.362	46.669	55.200	51.497	40.198	45.955	64.583	64.078	39.614	87.401	71.125	62.821	32.424	64.329	82.556	82.276	85.611	107.685	107.234	113.635
10/21/2011 12:00	33.872	43.341	46.687	55.185	51.473	40.192	45.934	64.553	64.069	39.605	87.398	71.110	62.818	32.427	64.296	82.544	82.264	85.596	107.718	107.267	113.602
10/21/2011 15:00	33.831	43.330	46.658	55.183	51.480	40.169	45.938	64.575	64.064	39.603	87.378	71.099	62.807	32.410	64.301	82.527	82.278	85.576	107.746	107.313	113.588
10/21/2011 18:00	33.872	43.350	46.660	55.194	51.494	40.183	45.955	64.574	64.069	39.605	87.398	71.122	62.827	32.412	64.308	82.553	82.297	85.626	107.845	107.417	113.587
10/21/2011 21:00	33.910	43.367	46.698	55.223	51.502	40.221	45.963	64.579	64.086	39.625	87.427	71.130	62.826	32.414	64.325	82.555	82.314	85.655	107.943	107.489	113.589
10/22/2011 0:00	33.914	43.371	46.702	55.236	51.524	40.213	45.967	64.595	64.099	39.629	87.431	71.134	62.848	32.442	64.329	82.568	82.318	85.647	107.968	107.556	113.593
10/22/2011 3:00	33.889	43.358	46.677	55.232	51.511	40.218	45.963	64.570	64.074	39.613	87.448	71.118	62.826	32.417	64.304	82.570	82.336	85.665	108.039	107.618	113.577
10/22/2011 6:00	33.931	43.367	46.707	55.244	51.541	40.230	45.984	64.558	64.095	39.616	87.469	71.139	62.844	32.459	64.334	82.576	82.356	85.707	108.093	107.714	113.577
10/22/2011 9:00	33.964	43.379	46.701	55.268	51.544	40.215	45.993	64.579	64.095	39.622	87.490	71.142	62.838	32.441	64.334	82.573	82.368	85.718	108.192	107.786	113.565
10/22/2011 12:00	33.923	43.371	46.699	55.254	51.524	40.204	45.964	64.604	64.087	39.611	87.515	71.143	62.809	32.439	64.326	82.559	82.382	85.717	108.241	107.835	113.542
10/22/2011 15:00	33.864	43.354	46.664	55.255	51.513	40.202	45.959	64.554	64.073	39.606	87.477	71.132	62.819	32.404	64.312	82.560	82.398	85.727	108.291	107.885	113.519
10/22/2011 18:00	33.899	43.377	46.714	55.281	51.521	40.210	45.982	64.589	64.108	39.632	87.554	71.149	62.845	32.439	64.335	82.586	82.424	85.753	108.395	107.995	113.536
10/22/2011 21:00	33.921	43.390	46.721	55.294	51.543	40.220	45.995	64.578	64.118	39.627	87.564	71.159	62.855	32.449	64.345	82.593	82.446	85.796	108.474	108.092	113.531
10/23/2011 0:00	33.920	43.389	46.720	55.311	51.560	40.240	45.994	64.601	64.117	39.635	87.596	71.170	62.854	32.448	64.356	82.607	82.466	85.813	108.542	108.145	113.530
10/23/2011 3:00	33.898	43.376	46.698	55.298	51.538	40.227	45.981	64.567	64.107	39.622	87.616	71.166	62.832	32.453	64.334	82.603	82.465	85.821	108.598	108.207	113.508
10/23/2011 6:00	33.925	43.382	46.701	55.316	51.556	40.224	45.987	64.582	64.101	39.631	87.610	71.163	62.838	32.441	64.349	82.606	82.492	85.848	108.655	108.267	113.511
10/23/2011 9:00	33.975	43.411	46.712	55.336	51.585	40.226	45.995	64.611	64.115	39.633	87.651	71.174	62.849	32.467	64.357	82.611	82.509	85.898	108.754	108.360	113.492
10/23/2011 12:00	33.933	43.381	46.694	55.345	51.585	40.223	45.995	64.602	64.118	39.621	87.681	71.162	62.846	32.461	64.348	82.605	82.521	85.886	108.781	108.417	113.483
10/23/2011 15:00	33.848	43.380	46.675	55.338	51.540	40.195	45.964	64.571	64.090	39.599	87.672	71.158	62.833	32.439	64.339	82.598	82.523	85.879	108.834	108.449	113.449
10/23/2011 18:00	33.880	43.412	46.707	55.349	51.572	40.227	45.987	64.582	64.113	39.622	87.695	71.190	62.844	32.420	64.362	82.630	82.555	85.932	108.944	108.544	113.466
10/23/2011 21:00	33.931	43.430	46.719	55																	

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	BARO Pressure [ft]	MW010 Depth to Water [ft BTOC]	MW021 Depth to Water [ft BTOC]	MW038SR Depth to Water [ft BTOC]	MW040P Depth to Water [ft BTOC]	MW041T Depth to Water [ft BTOC]	MW052T Depth to Water [ft BTOC]	MW058P Depth to Water [ft BTOC]	MW059S Depth to Water [ft BTOC]	MW061T Depth to Water [ft BTOC]	MW063SR Depth to Water [ft BTOC]	MW077P Depth to Water [ft BTOC]	MW078T Depth to Water [ft BTOC]	MW081T Depth to Water [ft BTOC]	MW082S Depth to Water [ft BTOC]	MW089T Depth to Water [ft BTOC]	MW090SR Depth to Water [ft BTOC]	MW091PR Depth to Water [ft BTOC]	MW092SR Depth to Water [ft BTOC]	MW093PR Depth to Water [ft BTOC]	MW094PR Depth to Water [ft BTOC]
10/26/2011 3:00	33.974	43.494	46.762	55.651	51.804	40.273	46.027	64.664	64.195	39.653	88.164	71.272	62.899	32.490	64.459	82.748	83.010	86.402	110.208	109.856	113.361
10/26/2011 6:00	33.958	43.478	46.734	55.647	51.779	40.278	46.020	64.660	64.179	39.637	88.164	71.277	62.883	32.435	64.452	82.759	83.027	86.416	110.243	109.903	113.345
10/26/2011 9:00	33.981	43.492	46.742	55.658	51.811	40.280	46.022	64.671	64.190	39.630	88.193	71.279	62.885	32.473	64.463	82.773	83.038	86.430	110.311	109.971	113.341
10/26/2011 12:00	33.906	43.481	46.721	55.673	51.796	40.265	46.013	64.671	64.194	39.630	88.202	71.276	62.882	32.446	64.457	82.777	83.050	86.445	110.366	110.026	113.320
10/26/2011 15:00	33.789	43.469	46.733	55.673	51.808	40.253	45.992	64.651	64.179	39.625	88.211	71.267	62.876	32.444	64.457	82.765	83.063	86.437	110.414	110.059	113.306
10/26/2011 18:00	33.777	43.469	46.721	55.673	51.796	40.250	45.993	64.660	64.179	39.613	88.241	71.298	62.876	32.447	64.466	82.777	83.084	86.476	110.480	110.122	113.303
10/26/2011 21:00	33.807	43.499	46.751	55.712	51.826	40.280	46.023	64.681	64.197	39.625	88.250	71.306	62.894	32.449	64.484	82.798	83.126	86.545	110.582	110.216	113.315
10/27/2011 0:00	33.802	43.503	46.758	55.738	51.860	40.284	46.018	64.697	64.225	39.629	88.308	71.310	62.910	32.472	64.506	82.820	83.154	86.549	110.638	110.286	113.310
10/27/2011 3:00	33.760	43.494	46.755	55.744	51.849	40.272	46.006	64.676	64.207	39.626	88.299	71.311	62.889	32.454	64.497	82.820	83.166	86.588	110.701	110.331	113.301
10/27/2011 6:00	33.743	43.486	46.738	55.748	51.853	40.273	46.001	64.680	64.202	39.627	88.315	71.312	62.893	32.461	64.501	82.830	83.191	86.571	110.762	110.380	113.293
10/27/2011 9:00	33.748	43.482	46.704	55.762	51.867	40.269	46.006	64.685	64.219	39.605	88.341	71.329	62.886	32.442	64.503	82.835	83.196	86.585	110.815	110.448	113.283
10/27/2011 12:00	33.707	43.504	46.741	55.790	51.886	40.276	45.998	64.698	64.223	39.618	88.364	71.348	62.918	32.464	64.519	82.854	83.242	86.634	110.894	110.516	113.284
10/27/2011 15:00	33.620	43.459	46.720	55.772	51.859	40.247	45.977	64.677	64.202	39.597	88.373	71.330	62.891	32.428	64.508	82.836	83.233	86.626	110.904	110.546	113.266
10/27/2011 18:00	33.646	43.485	46.746	55.798	51.894	40.255	45.979	64.682	64.216	39.614	88.399	71.347	62.896	32.442	64.509	82.853	83.247	86.661	110.963	110.605	113.256
10/27/2011 21:00	33.684	43.493	46.745	55.815	51.902	40.253	45.984	64.708	64.221	39.607	88.437	71.355	62.895	32.453	64.526	82.867	83.285	86.699	111.046	110.697	113.252
10/28/2011 0:00	33.700	43.509	46.749	55.852	51.948	40.287	45.991	64.724	64.225	39.611	88.483	71.359	62.892	32.469	64.533	82.883	83.322	86.757	111.113	110.767	113.259
10/28/2011 3:00	33.716	43.525	46.750	55.877	51.964	40.303	45.995	64.740	64.232	39.618	88.520	71.375	62.905	32.461	64.549	82.899	83.338	86.761	111.180	110.837	113.257
10/28/2011 6:00	33.775	43.509	46.746	55.888	51.963	40.287	45.991	64.733	64.234	39.611	88.516	71.374	62.895	32.457	64.545	82.898	83.364	86.790	111.248	110.863	113.250
10/28/2011 9:00	33.814	43.515	46.731	55.888	51.972	40.287	45.984	64.721	64.243	39.614	88.567	71.383	62.913	32.469	64.560	82.919	83.382	86.799	111.296	110.923	113.243
10/28/2011 12:00	33.808	43.521	46.752	55.912	52.008	40.299	45.990	64.736	64.243	39.626	88.588	71.398	62.898	32.478	64.578	82.922	83.421	86.835	111.341	110.992	113.237
10/28/2011 15:00	33.759	43.514	46.769	55.932	52.007	40.298	45.996	64.741	64.251	39.616	88.596	71.400	62.909	32.441	64.583	82.933	83.436	86.864	111.410	111.052	113.225
10/28/2011 18:00	33.787	43.509	46.758	55.939	52.005	40.287	45.978	64.745	64.258	39.635	88.591	71.416	62.916	32.469	64.578	82.934	83.464	86.871	111.456	111.113	113.216
10/28/2011 21:00	33.793	43.536	46.776	55.975	52.032	40.284	45.984	64.775	64.264	39.629	88.618	71.404	62.913	32.463	64.593	82.958	83.494	86.907	111.522	111.170	113.222
10/29/2011 0:00	33.764	43.528	46.774	55.994	52.051	40.285	46.010	64.767	64.283	39.639	88.676	71.423	62.926	32.446	64.621	82.965	83.528	86.959	111.589	111.228	113.230
10/29/2011 3:00	33.726	43.544	46.760	56.007	52.064	40.283	45.996	64.792	64.278	39.637	88.680	71.436	62.937	32.471	64.605	82.979	83.547	86.981	111.638	111.286	113.234
10/29/2011 6:00	33.737	43.534	46.759	56.036	52.075	40.276	45.995	64.782	64.280	39.630	88.721	71.447	62.935	32.443	64.616	82.999	83.567	86.980	111.691	111.342	113.212
10/29/2011 9:00	33.780	43.535	46.724	56.040	52.097	40.310	45.996	64.804	64.287	39.637	88.755	71.460	62.939	32.474	64.625	83.014	83.589	87.023	111.743	111.395	113.218
10/29/2011 12:00	33.775	43.539	46.731	56.056	52.104	40.275	45.991	64.787	64.294	39.632	88.750	71.476	62.925	32.457	64.632	83.018	83.605	87.030	111.799	111.435	113.204
10/29/2011 15:00	33.776	43.540	46.771	56.075	52.093	40.306	45.992	64.812	64.295	39.633	88.772	71.477	62.926	32.458	64.633	83.038	83.639	87.070	111.857	111.490	113.190
10/29/2011 18:00	33.834	43.547	46.739	56.094	52.121	40.286	45.971	64.816	64.296	39.634	88.809	71.475	62.924	32.489	64.646	83.041	83.655	87.098	111.927	111.548	113.188
10/29/2011 21:00	33.943	43.560	46.731	56.104	52.170	40.320	46.005	64.850	64.315	39.640	88.855	71.494	62.919	32.471	64.647	83.048	83.686	87.117	111.985	111.624	113.183
10/30/2011 0:00	34.000	43.575	46.776	56.152	52.188	40.347	46.020	64.862	64.339	39.658	88.891	71.508	62.925	32.477	64.659	83.060	83.710	87.174	112.042	111.681	113.180
10/30/2011 3:00	34.031	43.596	46.792	56.183	52.201	40.342	46.030	64.872	64.346	39.662	88.943	71.521	62.947	32.484	64.678	83.085	83.765	87.205	112.133	111.745	113.196
10/30/2011 6:00	34.094	43.593	46.791	56.207	52.213	40.327	46.027	64.871	64.354	39.668	88.964	71.533	62.938	32.496	64.699	83.094	83.783	87.250	112.187	111.808	113.190
10/30/2011 9:00	34.167	43.603	46.798	56.220	52.265	40.361	46.046	64.890	64.382	39.675	88.971	71.546	62.959	32.530	64.694	83.098	83.813	87.263	112.248	111.857	113.193
10/30/2011 12:00	34.138	43.586	46.796	56.212	52.266	40.322	46.029	64.870	64.362	39.667	88.975	71.538	62.943	32.489	64.698	83.105	83.839	87.282	112.279	111.894	113.173
10/30/2011 15:00	34.079	43.578	46.789	56.231	52.249	40.330	46.012	64.877	64.360	39.662	88.991	71.539	62.944	32.481	64.705	83.115	83.843	87.292	112.307	111.931	113.166
10/30/2011 18:00	34.115	43.593	46.812	56.258	52.294	40.348	46.036	64.913	64.375	39.680	89.027	71.554	62.950	32.505	64.729	83.151	83.903	87.319	112.382	112.009	113.175
10/30/2011 21:00	34.158	43.594	46.816	56.280	52.307	40.342	46.037	64.923	64.382	39.678	89.058	71.576	62.963	32.509	64.739	83.158	83.913	87.323	112.446	112.052	113.175
10/31/2011 0:00	34.146	43.615	46.816	56.298	52.334	40.349	46.037	64.923	64.382	39.684	89.109	71.576	62.960	32.485	64.739	83.164	83.922	87.359	112.512	112.094	113.163
10/31/2011 3:00	34.119	43.639	46.801	56.319	52.346	40.334	46.040	64.926	64.400	39.684	89.125	71.609	62.963	32.521	64.766	83.188	83.982	87.392	112.555	112.164	113.179
10/31/2011 6:00	34.083	43.624	46.793	56.334	52.340	40.325	46.028	64.915	64.398	39.696	89.143	71.604	62.957	32.497	64.763	83.206	83.991	87.416	112.597	112.182	113.170
10/31/2011 9:00	34.094	43.635	46.804	56.354	52.342	40.345	46.048	64.935	64.409	39.686	89.175		62.968	32.523	64.774	83.217	84.023	87.427	112.647	112.238	113.163
10/31/2011 12:00	34.046	43.621		56.357	52.333	40.336							62.962								

Notes:

ft BTOC - feet Below Top of Casing

1. Water levels were collected using Diver transducers. Water levels were compensated for barometric pressure using Schlumberger Water Services Diver-Office 2011.1 version 4.0.76.0.

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW103P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
9/1/2011 0:00	104.837	72.892	90.870	102.299	90.282	91.519	93.294	104.061	67.026	40.373	85.294	88.182	90.001	103.917	81.272	75.800	78.384	83.677	84.395	75.083	76.053
9/1/2011 3:00	104.904	72.923	90.922	102.291	90.301	91.542	93.331	104.101	67.029	40.365	85.358	88.237	90.044	103.960	81.315	75.798	78.423	83.714	84.420	75.098	76.096
9/1/2011 6:00	104.954	72.910	90.955	102.299	90.300	91.562	93.342	104.133	67.050	40.373	85.439	88.266	90.076	104.010	81.368	75.791	78.444	83.782	84.465	75.119	76.116
9/1/2011 9:00	105.008	72.901	90.991	102.311	90.306	91.574	93.375	104.187	67.074	40.397	85.487	88.290	90.076	104.067	81.401	75.806	78.456	83.806	84.534	75.143	76.152
9/1/2011 12:00	105.052	72.894	91.056	102.324	90.319	91.606	93.405	104.204	67.094	40.387	85.552	88.376	90.171	104.117	81.454	75.808	78.460	83.877	84.560	75.174	76.202
9/1/2011 15:00	105.102	72.892	91.084	102.323	90.330	91.622	93.418	104.257	67.101	40.379	85.616	88.434	90.202	104.175	81.501	75.821	78.507	83.902	84.594	75.209	76.224
9/1/2011 18:00	105.134	72.894	91.116	102.328	90.320	91.627	93.417	104.271	67.097	40.363	85.627	88.434	90.217	104.220	81.526	75.802	78.494	83.937	84.635	75.217	76.250
9/1/2011 21:00	105.193	72.896	91.169	102.360	90.343	91.647	93.449	104.333	67.126	40.383	85.704	88.520	90.270	104.273	81.579	75.816	78.535	83.990	84.700	75.258	76.279
9/2/2011 0:00	105.253	72.896	91.193	102.381	90.352	91.668	93.488	104.372	67.159	40.392	85.753	88.538	90.294	104.336	81.622	75.816	78.547	84.036	84.745	75.267	76.334
9/2/2011 3:00	105.305	72.888	91.248	102.388	90.371	91.702	93.525	104.406	67.175	40.387	85.820	88.596	90.328	104.391	81.659	75.844	78.566	84.067	84.773	75.307	76.368
9/2/2011 6:00	105.349	72.878	91.286	102.402	90.388	91.719	93.551	104.477	67.198	40.380	85.857	88.649	90.366	104.429	81.706	75.852	78.592	84.116	84.823	75.342	76.403
9/2/2011 9:00	105.394	72.893	91.329	102.429	90.403	91.734	93.566	104.498	67.216	40.398	85.912	88.673	90.408	104.486	81.754	75.849	78.610	84.144	84.863	75.366	76.451
9/2/2011 12:00	105.440	72.897	91.378	102.451	90.404	91.765	93.594	104.535	67.235	40.408	85.964	88.740	90.460	104.535	81.791	75.868	78.632	84.181	84.897	75.397	76.467
9/2/2011 15:00	105.469	72.886	91.391	102.422	90.396	91.743	93.571	104.549	67.228	40.382	85.989	88.742	90.467	104.576	81.814	75.852	78.631	84.191	84.880	75.405	76.486
9/2/2011 18:00	105.527	72.893	91.428	102.453	90.412	91.783	93.618	104.610	67.246	40.395	86.038	88.788	90.508	104.637	81.866	75.862	78.643	84.225	84.926	75.448	76.514
9/2/2011 21:00	105.585	72.903	91.495	102.487	90.434	91.808	93.667	104.647	67.292	40.414	86.081	88.834	90.535	104.683	81.912	75.881	78.698	84.304	84.993	75.488	76.581
9/3/2011 0:00	105.640	72.889	91.544	102.492	90.432	91.833	93.689	104.702	67.318	40.418	86.107	88.880	90.584	104.729	81.946	75.879	78.700	84.330	85.030	75.513	76.618
9/3/2011 3:00	105.666	72.906	91.561	102.517	90.452	91.835	93.703	104.740	67.332	40.411	86.151	88.900	90.635	104.773	81.990	75.893	78.732	84.359	85.068	75.536	76.648
9/3/2011 6:00	105.711	72.891	91.615	102.523	90.458	91.871	93.727	104.767	67.359	40.417	86.217	88.933	90.689	104.818	82.038	75.898	78.737	84.413	85.110	75.569	76.675
9/3/2011 9:00	105.758	72.881	91.657	102.549	90.475	91.888	93.753	104.814	67.364	40.422	86.270	88.986	90.733	104.877	82.067	75.916	78.755	84.430	85.139	75.607	76.725
9/3/2011 12:00	105.795	72.875	91.660	102.562	90.487	91.909	93.765	104.844	67.385	40.413	86.321	89.010	90.736	104.907	82.106	75.910	78.779	84.442	85.164	75.628	76.731
9/3/2011 15:00	105.848	72.880	91.707	102.570	90.490	91.917	93.788	104.879	67.384	40.425	86.332	89.057	90.798	104.958	82.157	75.921	78.790	84.501	85.196	75.661	76.769
9/3/2011 18:00	105.858	72.890	91.741	102.589	90.506	91.921	93.813	104.932	67.409	40.407	86.378	89.086	90.811	105.004	82.182	75.925	78.821	84.520	85.236	75.688	76.794
9/3/2011 21:00	105.932	72.883	91.791	102.618	90.532	91.950	93.848	104.979	67.450	40.457	86.452	89.117	90.861	105.066	82.232	75.954	78.838	84.570	85.274	75.733	76.844
9/4/2011 0:00	105.961	72.894	91.817	102.629	90.530	91.973	93.865	105.005	67.452	40.447	86.490	89.165	90.911	105.086	82.266	75.953	78.840	84.608	85.300	75.749	76.876
9/4/2011 3:00	106.009	72.894	91.838	102.656	90.537	91.985	93.880	105.038	67.467	40.432	86.512	89.153	90.924	105.140	82.291	75.959	78.906	84.602	85.330	75.777	76.909
9/4/2011 6:00	106.035	72.898	91.891	102.663	90.553	92.013	93.896	105.084	67.483	40.461	86.540	89.214	90.964	105.189	82.328	75.975	78.898	84.655	85.367	75.802	76.937
9/4/2011 9:00	106.089	72.884	91.924	102.685	90.578	92.026	93.939	105.127	67.514	40.458	86.598	89.257	91.010	105.232	82.371	75.988	78.920	84.713	85.425	75.845	76.992
9/4/2011 12:00	106.114	72.878	91.942	102.685	90.578	92.044	93.933	105.160	67.514	40.440	86.616	89.278	91.043	105.262	82.392	75.991	78.938	84.716	85.428	75.857	76.999
9/4/2011 15:00	106.153	72.870	91.970	102.706	90.599	92.051	93.958	105.187	67.520	40.465	86.667	89.281	91.088	105.311	82.440	75.988	78.975	84.719	85.462	75.890	77.023
9/4/2011 18:00	106.197	72.875	92.029	102.741	90.604	92.098	93.999	105.223	67.555	40.479	86.693	89.322	91.138	105.364	82.496	76.029	78.977	84.766	85.488	75.922	77.070
9/4/2011 21:00	106.239	72.884	92.038	102.753	90.625	92.119	94.020	105.274	67.580	40.488	86.714	89.352	91.147	105.406	82.518	76.032	79.022	84.811	85.509	75.964	77.100
9/5/2011 0:00	106.258	72.885	92.078	102.754	90.632	92.120	94.030	105.314	67.589	40.480	86.754	89.371	91.178	105.440	82.560	76.039	79.023	84.827	85.522	75.989	77.122
9/5/2011 3:00	106.302	72.899	92.104	102.787	90.655	92.128	94.059	105.340	67.601	40.503	86.781	89.419	91.232	105.469	82.602	76.041	79.061	84.838	85.557	76.013	77.151
9/5/2011 6:00	106.335	72.875	92.149	102.804	90.658	92.155	94.071	105.376	67.628	40.476	86.801	89.440	91.253	105.505	82.638	76.062	79.070	84.883	85.575	76.036	77.175
9/5/2011 9:00	106.362	72.869	92.179	102.835	90.682	92.170	94.104	105.403	67.634	40.482	86.859	89.464	91.298	105.544	82.665	76.069	79.097	84.910	85.605	76.070	77.214
9/5/2011 12:00	106.383	72.872	92.203	102.841	90.697	92.188	94.101	105.427	67.640	40.494	86.895	89.371	91.349	105.578	82.680	76.077	79.109	84.829	85.557	76.088	77.227
9/5/2011 15:00	106.403	72.879	92.223	102.863	90.692	92.195	94.117	105.471	67.650	40.486	86.902	89.212	91.383	105.627	82.732	76.091	79.137	84.740	85.444	76.131	77.243
9/5/2011 18:00	106.393	72.869	92.252	102.880	90.719	92.212	94.125	105.500	67.667	40.491	86.871	89.073	91.400	105.656	82.749	76.108	79.142	84.628	85.338	76.148	77.281
9/5/2011 21:00	106.396	72.875	92.279	102.919	90.733	92.227	94.140	105.533	67.682	40.506	86.850	88.914	91.454	105.692	82.773	76.114	79.181	84.501	85.181	76.193	77.287
9/6/2011 0:00	106.369	72.884	92.276	102.925	90.743	92.230	94.141	105.563	67.685	40.491	86.787	88.775	91.491	105.716	82.801	76.105	79.179	84.360	85.085	76.211	77.290
9/6/2011 3:00	106.323	72.868	92.275	102.943	90.742	92.247	94.143	105.562	67.682	40.502	86.714	88.627	91.514	105.742	82.806	76.125	79.187	84.275	84.967	76.232	77.283
9/6/2011 6:00	106.309	72.875	92.291	102.982	90.767	92.273	94.141	105.599	67.718	40.518	86.631	88.535	91.518	105.770	82.831	76.129	79.215	84.186	84.881	76.266	77.332
9/6/2011 9:00	106.284	72.877	92.299	103.014	90.781	92.283	94.161	105.619	67.729	40.514	86.554	88.419	91.550	105.802	82.842	76.152	79.223	84.077	84.777	76.307	77.331
9/6/2011 12:00	106.246	72.882	92.292	103.028	90.801	92.300	94.157	105.639	67.734	40.519	86.475	88.295	91.594	105.807	82.847	76.157	79.252	83.976	84.680	76.321	77.348
9/6/2011 15:00	106.188	72.860	92.297	103.030	90.809	92.300	94.135	1													

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW103P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
9/8/2011 21:00	105.567	72.874	91.922	103.375	91.066	92.424	94.037	105.640	67.783	40.619	85.330	87.120	91.901	105.670	82.793	76.362	79.372	82.906	83.616	76.667	77.255
9/9/2011 0:00	105.533	72.860	91.892	103.392	91.071	92.429	94.024	105.645	67.779	40.612	85.299	87.086	91.906	105.666	82.765	76.358	79.369	82.875	83.585	76.660	77.251
9/9/2011 3:00	105.503	72.869	91.880	103.425	91.098	92.450	94.033	105.636	67.779	40.633	85.275	87.032	91.906	105.654	82.786	76.385	79.357	82.842	83.552	76.687	77.251
9/9/2011 6:00	105.465	72.879	91.841	103.435	91.108	92.439	94.016	105.627	67.777	40.643	85.213	86.987	91.877	105.621	82.754	76.383	79.379	82.780	83.505	76.688	77.240
9/9/2011 9:00	105.459	72.873	91.814	103.435	91.105	92.442	94.022	105.615	67.789	40.619	85.197	86.984	91.898	105.591	82.757	76.389	79.375	82.780	83.481	76.724	77.252
9/9/2011 12:00	105.404	72.887	91.789	103.461	91.107	92.447	94.015	105.605	67.776	40.618	85.148	86.950	91.873	105.566	82.741	76.394	79.350	82.755	83.476	76.699	77.236
9/9/2011 15:00	105.369	72.843	91.769	103.465	91.135	92.436	93.989	105.588	67.753	40.619	85.116	86.894	91.868	105.555	82.739	76.404	79.352	82.687	83.424	76.703	77.192
9/9/2011 18:00	105.331	72.866	91.734	103.463	91.127	92.437	93.981	105.559	67.754	40.608	85.057	86.859	91.881	105.502	82.731	76.396	79.331	82.676	83.400	76.704	77.193
9/9/2011 21:00	105.337	72.877	91.737	103.508	91.154	92.458	93.987	105.571	67.772	40.638	85.024	86.850	91.881	105.514	82.719	76.420	79.358	82.658	83.382	76.716	77.196
9/10/2011 0:00	105.300	72.874	91.716	103.523	91.151	92.452	93.984	105.556	67.778	40.641	85.003	86.838	91.872	105.475	82.725	76.426	79.373	82.624	83.376	76.704	77.190
9/10/2011 3:00	105.257	72.879	91.676	103.516	91.165	92.436	93.962	105.540	67.762	40.613	84.963	86.786	91.853	105.441	82.700	76.422	79.333	82.599	83.339	76.712	77.165
9/10/2011 6:00	105.256	72.887	91.675	103.542	91.194	92.453	93.972	105.551	67.776	40.648	84.914	86.797	91.888	105.425	82.702	76.436	79.356	82.586	83.329	76.720	77.170
9/10/2011 9:00	105.233	72.879	91.643	103.549	91.186	92.460	93.970	105.540	67.762	40.655	84.894	86.789	91.868	105.402	82.688	76.434	79.351	82.557	83.300	76.736	77.168
9/10/2011 12:00	105.199	72.881	91.605	103.557	91.188	92.456	93.966	105.530	67.770	40.639	84.856	86.746	91.843	105.377	82.675	76.445	79.338	82.544	83.284	76.711	77.164
9/10/2011 15:00	105.166	72.839	91.590	103.545	91.197	92.435	93.940	105.503	67.749	40.636	84.841	86.746	91.816	105.344	82.654	76.445	79.320	82.538	83.257	76.705	77.140
9/10/2011 18:00	105.134	72.873	91.559	103.576	91.195	92.451	93.937	105.486	67.756	40.640	84.846	86.864	91.808	105.330	82.649	76.452	79.303	82.623	83.330	76.706	77.138
9/10/2011 21:00	105.188	72.891	91.576	103.606	91.225	92.475	93.976	105.483	67.777	40.637	84.863	87.038	91.847	105.332	82.672	76.485	79.333	82.725	83.474	76.739	77.162
9/11/2011 0:00	105.188	72.873	91.558	103.612	91.237	92.460	93.967	105.480	67.783	40.676	84.902	87.189	91.826	105.296	82.669	76.485	79.324	82.894	83.616	76.721	77.159
9/11/2011 3:00	105.207	72.880	91.559	103.625	91.244	92.470	93.956	105.475	67.772	40.677	84.964	87.343	91.827	105.276	82.659	76.483	79.301	82.988	83.719	76.731	77.148
9/11/2011 6:00	105.243	72.889	91.550	103.628	91.253	92.455	93.956	105.463	67.790	40.680	85.015	87.490	91.802	105.270	82.665	76.501	79.316	83.097	83.851	76.731	77.154
9/11/2011 9:00	105.298	72.884	91.560	103.632	91.254	92.456	93.981	105.455	67.791	40.666	85.121	87.635	91.800	105.253	82.677	76.490	79.317	83.260	83.975	76.717	77.188
9/11/2011 12:00	105.335	72.879	91.564	103.642	91.255	92.478	94.003	105.453	67.792	40.670	85.161	87.769	91.816	105.242	82.675	76.494	79.297	83.357	84.079	76.721	77.177
9/11/2011 15:00	105.371	72.866	91.569	103.647	91.254	92.468	93.996	105.455	67.782	40.663	85.265	87.861	91.792	105.229	82.696	76.511	79.302	83.446	84.153	76.705	77.176
9/11/2011 18:00	105.404	72.878	91.588	103.647	91.276	92.471	94.018	105.446	67.785	40.681	85.344	87.873	91.798	105.214	82.711	76.514	79.308	83.507	84.204	76.726	77.191
9/11/2011 21:00	105.432	72.880	91.613	103.688	91.280	92.488	94.037	105.478	67.822	40.658	85.414	87.839	91.793	105.219	82.739	76.519	79.286	83.487	84.182	76.700	77.217
9/12/2011 0:00	105.472	72.872	91.644	103.698	91.293	92.519	94.071	105.497	67.833	40.677	85.458	87.780	91.800	105.229	82.770	76.550	79.329	83.425	84.180	76.704	77.248
9/12/2011 3:00	105.479	72.878	91.668	103.704	91.305	92.519	94.075	105.497	67.833	40.693	85.473	87.672	91.803	105.229	82.789	76.544	79.341	83.392	84.123	76.726	77.236
9/12/2011 6:00	105.455	72.885	91.663	103.717	91.294	92.505	94.073	105.477	67.827	40.687	85.492	87.597	91.750	105.245	82.795	76.533	79.336	83.339	84.051	76.723	77.243
9/12/2011 9:00	105.476	72.875	91.689	103.722	91.296	92.510	94.101	105.509	67.845	40.702	85.494	87.560	91.761	105.241	82.804	76.553	79.341	83.284	83.996	76.717	77.251
9/12/2011 12:00	105.483	72.879	91.706	103.741	91.309	92.541	94.106	105.519	67.867	40.706	85.450	87.510	91.792	105.251	82.835	76.575	79.354	83.240	83.964	76.730	77.279
9/12/2011 15:00	105.450	72.846	91.700	103.741	91.309	92.535	94.088	105.519	67.831	40.685	85.420	87.417	91.766	105.254	82.829	76.548	79.333	83.173	83.886	76.712	77.252
9/12/2011 18:00	105.429	72.864	91.700	103.750	91.309	92.523	94.070	105.519	67.840	40.673	85.396	87.354	91.766	105.254	82.817	76.557	79.333	83.104	83.829	76.703	77.240
9/12/2011 21:00	105.445	72.901	91.725	103.779	91.344	92.566	94.104	105.535	67.871	40.722	85.349	87.352	91.775	105.264	82.848	76.573	79.349	83.085	83.800	76.740	77.283
9/13/2011 0:00	105.438	72.894	91.730	103.796	91.343	92.580	94.118	105.546	67.897	40.703	85.342	87.303	91.820	105.281	82.853	76.578	79.354	83.065	83.793	76.736	77.276
9/13/2011 3:00	105.406	72.901	91.722	103.797	91.338	92.560	94.107	105.544	67.886	40.695	85.298	87.226	91.812	105.279	82.842	76.576	79.346	83.045	83.740	76.731	77.256
9/13/2011 6:00	105.379	72.862	91.710	103.806	91.356	92.560	94.086	105.541	67.853	40.695	85.262	87.187	91.800	105.270	82.842	76.585	79.346	82.961	83.683	76.731	77.244
9/13/2011 9:00	105.369	72.894	91.718	103.829	91.352	92.580	94.100	105.531	67.885	40.715	85.245	87.173	91.780	105.281	82.844	76.578	79.354	82.972	83.679	76.736	77.267
9/13/2011 12:00	105.349	72.865	91.701	103.821	91.338	92.560	94.089	105.514	67.868	40.710	85.192	87.123	91.779	105.261	82.845	76.567	79.325	82.919	83.650	76.731	77.235
9/13/2011 15:00	105.321	72.873	91.691	103.817	91.343	92.545	94.064	105.519	67.864	40.685	85.146	87.065	91.757	105.254	82.838	76.572	79.336	82.873	83.592	76.721	77.219
9/13/2011 18:00	105.306	72.889	91.704	103.842	91.377	92.570	94.080	105.517	67.889	40.710	85.159	87.054	91.794	105.270	82.863	76.597	79.349	82.886	83.572	76.746	77.235
9/13/2011 21:00	105.310	72.902	91.699	103.852	91.384	92.582	94.096	105.524	67.887	40.744	85.118	87.040	91.789	105.259	82.876	76.595	79.371	82.857	83.579	76.750	77.236
9/14/2011 0:00	105.289	72.911	91.675	103.864	91.384	92.592	94.087	105.521	67.899	40.744	85.106	87.013	91.801	105.259	82.864	76.613	79.335	82.848	83.546	76.750	77.245
9/14/2011 3:00	105.277	72.878	91.677	103.879	91.386	92.580	94.081	105.533	67.887	40.720	85.097	86.971	91.768	105.247	82.852	76.598	79.347	82.790	83.524	76.765	77.224
9/14/2011 6:00	105.262	72.887	91.666	103.879	91.387	92.585	94.090	105.512	67.890	40.735	85.073	86.971	91.792	105.241	82.846	76.608	79.350	82.803	83.504	76.744	77.227
9/14/2011 9:00	105.250	72.914	91.660	103.885	91.396	92.591	94.081	105.506	67.887	40.741	85.067	86.971	91.770	105.250	82.855	76.617	79.356	82.761	83.498	76.762	77.227
9/14/2011 12:00	105.226	72.878	91.618	103.876																	

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW013P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
9/16/2011 18:00	105.134	72.880	91.565	104.034	91.505	92.638	94.103	105.402	67.930	40.793	84.930	86.936	91.724	105.089	82.868	76.669	79.348	82.732	83.478	76.745	77.204
9/16/2011 21:00	105.133	72.915	91.566	104.038	91.507	92.634	94.114	105.401	67.938	40.783	84.920	86.920	91.711	105.106	82.876	76.680	79.374	82.758	83.491	76.756	77.200
9/17/2011 0:00	105.150	72.893	91.566	104.059	91.521	92.654	94.128	105.397	67.956	40.807	84.943	86.934	91.749	105.102	82.885	76.685	79.362	82.757	83.503	76.761	77.208
9/17/2011 3:00	105.140	72.904	91.577	104.066	91.520	92.659	94.118	105.402	67.942	40.793	84.930	86.945	91.724	105.098	82.889	76.684	79.372	82.777	83.499	76.760	77.201
9/17/2011 6:00	105.124	72.906	91.563	104.056	91.525	92.640	94.114	105.404	67.953	40.792	84.905	86.938	91.711	105.067	82.879	76.680	79.347	82.767	83.488	76.756	77.194
9/17/2011 9:00	105.125	72.898	91.558	104.063	91.529	92.650	94.100	105.384	67.951	40.799	84.936	86.942	91.703	105.080	82.889	76.693	79.366	82.774	83.483	76.751	77.195
9/17/2011 12:00	105.119	72.913	91.577	104.082	91.532	92.665	94.103	105.387	67.945	40.817	84.930	86.954	91.721	105.074	82.895	76.705	79.360	82.768	83.478	76.745	77.189
9/17/2011 15:00	105.101	72.892	91.577	104.075	91.529	92.662	94.103	105.360	67.963	40.793	84.918	86.915	91.700	105.065	82.889	76.684	79.348	82.744	83.466	76.742	77.171
9/17/2011 18:00	105.094	72.876	91.567	104.090	91.540	92.673	94.105	105.371	67.945	40.808	84.932	86.926	91.702	105.058	82.901	76.695	79.351	82.767	83.477	76.744	77.173
9/17/2011 21:00	105.112	72.894	91.566	104.092	91.543	92.655	94.114	105.386	67.947	40.819	84.920	86.938	91.687	105.055	82.897	76.698	79.362	82.758	83.503	76.747	77.179
9/18/2011 0:00	105.121	72.906	91.566	104.104	91.552	92.682	94.132	105.371	67.968	40.831	84.944	86.956	91.699	105.064	82.906	76.707	79.374	82.782	83.525	76.756	77.191
9/18/2011 3:00	105.135	72.908	91.584	104.119	91.554	92.669	94.125	105.382	67.973	40.836	84.973	86.949	91.692	105.048	82.911	76.709	79.355	82.799	83.530	76.740	77.193
9/18/2011 6:00	105.107	72.913	91.561	104.121	91.547	92.686	94.109	105.375	67.963	40.814	84.927	86.951	91.670	105.059	82.901	76.702	79.357	82.789	83.511	76.751	77.186
9/18/2011 9:00	105.114	72.920	91.563	104.125	91.557	92.693	94.128	105.361	67.980	40.816	84.940	86.961	91.667	105.054	82.909	76.703	79.347	82.778	83.512	76.740	77.190
9/18/2011 12:00	105.105	72.908	91.589	104.127	91.566	92.693	94.137	105.352	67.982	40.806	84.967	86.943	91.698	105.045	82.920	76.712	79.373	82.769	83.502	76.749	77.181
9/18/2011 15:00	105.089	72.883	91.559	104.118	91.556	92.680	94.130	105.348	67.948	40.823	84.924	86.933	91.679	105.032	82.907	76.693	79.342	82.769	83.493	76.742	77.180
9/18/2011 18:00	105.098	72.895	91.571	104.127	91.572	92.680	94.127	105.345	67.958	40.812	84.948	86.948	91.667	105.032	82.905	76.702	79.367	82.771	83.490	76.739	77.177
9/18/2011 21:00	105.092	72.922	91.568	104.139	91.568	92.692	94.133	105.348	67.969	40.808	84.945	86.927	91.664	105.044	82.916	76.705	79.375	82.783	83.502	76.754	77.189
9/19/2011 0:00	105.095	72.916	91.577	104.145	91.568	92.692	94.133	105.357	67.975	40.826	84.942	86.945	91.673	105.038	82.931	76.717	79.360	82.768	83.508	76.745	77.183
9/19/2011 3:00	105.087	72.920	91.551	104.152	91.576	92.690	94.131	105.349	67.971	40.825	84.940	86.943	91.647	105.018	82.927	76.715	79.356	82.775	83.515	76.734	77.175
9/19/2011 6:00	105.092	72.907	91.556	104.145	91.574	92.695	94.130	105.330	67.975	40.817	84.933	86.933	91.679	105.026	82.931	76.705	79.363	82.768	83.499	76.733	77.183
9/19/2011 9:00	105.083	72.916	91.556	104.145	91.566	92.686	94.121	105.321	67.988	40.842	84.945	86.915	91.664	105.017	82.923	76.714	79.352	82.768	83.511	76.724	77.171
9/19/2011 12:00	105.077	72.922	91.550	104.169	91.584	92.695	94.130	105.327	67.964	40.833	84.942	86.906	91.649	105.014	82.932	76.705	79.355	82.762	83.490	76.737	77.171
9/19/2011 15:00	105.053	72.913	91.535	104.160	91.575	92.696	94.112	105.303	67.955	40.806	84.927	86.889	91.649	105.002	82.941	76.711	79.352	82.756	83.460	76.727	77.148
9/19/2011 18:00	105.066	72.916	91.553	104.178	91.578	92.711	94.125	105.306	67.961	40.836	84.921	86.901	91.643	105.005	82.947	76.723	79.367	82.726	83.466	76.731	77.151
9/19/2011 21:00	105.043	72.905	91.545	104.170	91.576	92.706	94.113	105.292	67.965	40.828	84.889	86.872	91.620	105.000	82.930	76.704	79.350	82.742	83.437	76.738	77.158
9/20/2011 0:00	105.026	72.897	91.540	104.177	91.586	92.698	94.115	105.296	67.960	40.811	84.908	86.882	91.630	104.995	82.946	76.704	79.354	82.716	83.465	76.730	77.150
9/20/2011 3:00	105.044	72.925	91.544	104.190	91.593	92.711	94.131	105.291	67.970	40.815	84.912	86.880	91.610	104.984	82.947	76.702	79.370	82.717	83.457	76.727	77.151
9/20/2011 6:00	105.034	72.915	91.540	104.186	91.601	92.707	94.130	105.290	67.978	40.844	84.896	86.879	91.630	104.992	82.943	76.710	79.333	82.713	83.453	76.718	77.159
9/20/2011 9:00	105.031	72.911	91.536	104.188	91.582	92.696	94.113	105.289	67.971	40.843	84.877	86.877	91.599	104.985	82.948	76.694	79.365	82.724	83.440	76.708	77.142
9/20/2011 12:00	105.039	72.890	91.548	104.209	91.600	92.708	94.119	105.304	67.980	40.831	84.892	86.878	91.599	104.985	82.945	76.709	79.353	82.712	83.440	76.714	77.151
9/20/2011 15:00	105.020	72.901	91.526	104.193	91.587	92.705	94.116	105.285	67.964	40.830	84.882	86.865	91.616	104.978	82.941	76.717	79.340	82.690	83.418	76.713	77.145
9/20/2011 18:00	105.024	72.905	91.518	104.209	91.612	92.709	94.123	105.286	67.971	40.846	84.922	86.863	91.644	104.985	82.945	76.724	79.335	82.706	83.443	76.719	77.152
9/20/2011 21:00	105.013	72.905	91.509	104.204	91.603	92.727	94.122	105.289	67.998	40.852	84.889	86.863	91.608	104.970	82.963	76.713	79.350	82.721	83.437	76.717	77.145
9/21/2011 0:00	105.030	72.902	91.527	104.221	91.609	92.721	94.147	105.295	68.004	40.858	84.919	86.878	91.614	104.976	82.957	76.718	79.344	82.691	83.419	76.714	77.164
9/21/2011 3:00	105.026	72.915	91.528	104.232	91.628	92.719	94.142	105.302	68.002	40.856	84.896	86.855	91.615	104.983	82.967	76.723	79.378	82.725	83.444	76.721	77.150
9/21/2011 6:00	105.016	72.921	91.525	104.220	91.619	92.719	94.142	105.290	67.990	40.844	84.917	86.864	91.600	104.971	82.955	76.722	79.363	82.713	83.441	76.721	77.150
9/21/2011 9:00	105.011	72.883	91.514	104.232	91.611	92.732	94.139	105.285	68.003	40.845	84.918	86.858	91.601	104.966	82.968	76.720	79.367	82.690	83.430	76.706	77.144
9/21/2011 12:00	105.007	72.893	91.518	104.246	91.621	92.730	94.132	105.277	67.992	40.858	84.910	86.845	91.593	104.964	82.966	76.725	79.356	82.706	83.434	76.702	77.140
9/21/2011 15:00	104.986	72.893	91.509	104.231	91.606	92.715	94.120	105.247	67.977	40.837	84.878	86.821	91.599	104.959	82.951	76.710	79.359	82.671	83.386	76.687	77.125
9/21/2011 18:00	104.983	72.893	91.525	104.246	91.631	92.731	94.127	105.260	68.005	40.841	84.881	86.849	91.591	104.953	82.979	76.728	79.363	82.686	83.402	76.705	77.141
9/21/2011 21:00	105.000	72.923	91.512	104.254	91.645	92.742	94.149	105.274	68.013	40.867	84.904	86.841	91.611	104.964	82.990	76.730	79.365	82.700	83.419	76.716	77.154
9/22/2011 0:00	104.969	72.901	91.514	104.265	91.650	92.732	94.137	105.264	68.003	40.845	84.882	86.828	91.601	104.942	82.977	76.735	79.364	82.690	83.397	76.721	77.141
9/22/2011 3:00	104.978	72.919	91.514	104.265	91.650	92.732	94.146	105.273	68.012	40.857	84.867	86.819	91.601	104.954	82.968	76.726	79.364	82.666	83.397	76.703	77.120
9/22/2011 6:00	104.988	72.899	91.512	104.264	91.642	92.751	94.137	105.268	68.001	40.867	84.892	86.838	91.611	104.952	82.966	76.736	79.365	82.691	83.428	76.714	77.130
9/22/2011 9:00	104.990	72.907	91.502																		

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW103P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
9/24/2011 15:00	104.758	72.858	91.354	104.310	91.583	92.626	94.019	105.074	67.891	40.787	84.722	86.608	91.405	104.785	82.862	76.645	79.285	82.449	83.198	76.598	76.955
9/24/2011 18:00	104.757	72.854	91.365	104.303	91.576	92.622	94.009	105.070	67.893	40.777	84.733	86.619	91.392	104.760	82.858	76.647	79.263	82.484	83.164	76.588	76.950
9/24/2011 21:00	104.771	72.871	91.361	104.314	91.593	92.645	94.044	105.078	67.928	40.773	84.753	86.618	91.409	104.774	82.869	76.654	79.259	82.468	83.208	76.583	76.973
9/25/2011 0:00	104.767	72.855	91.357	104.319	91.589	92.638	94.031	105.062	67.933	40.778	84.743	86.632	91.390	104.758	82.874	76.651	79.288	82.452	83.180	76.580	76.966
9/25/2011 3:00	104.749	72.858	91.339	104.325	91.589	92.644	94.013	105.071	67.906	40.739	84.743	86.614	91.414	104.761	82.868	76.650	79.261	82.482	83.186	76.591	76.960
9/25/2011 6:00	104.741	72.859	91.337	104.326	91.587	92.633	94.026	105.063	67.916	40.749	84.726	86.582	91.397	104.753	82.860	76.645	79.271	82.468	83.162	76.565	76.952
9/25/2011 9:00	104.748	72.848	91.326	104.330	91.579	92.640	94.026	105.055	67.932	40.774	84.715	86.571	91.358	104.736	82.864	76.653	79.272	82.460	83.167	76.570	76.968
9/25/2011 12:00	104.747	72.865	91.352	104.329	91.584	92.648	94.047	105.072	67.931	40.764	84.717	86.576	91.388	104.747	82.863	76.661	79.241	82.450	83.190	76.572	76.955
9/25/2011 15:00	104.711	72.847	91.328	104.311	91.579	92.636	94.026	105.048	67.901	40.740	84.708	86.546	91.391	104.723	82.851	76.646	79.262	82.423	83.127	76.578	76.934
9/25/2011 18:00	104.707	72.834	91.318	104.313	91.568	92.632	94.025	105.044	67.894	40.730	84.695	86.554	91.366	104.719	82.856	76.635	79.264	82.404	83.120	76.567	76.918
9/25/2011 21:00	104.624	72.860	91.286	104.324	91.570	92.592	93.924	105.028	67.763	40.747	84.628	86.445	91.355	104.709	82.828	76.637	79.257	82.291	83.025	76.560	76.818
9/26/2011 0:00	104.605	72.822	91.264	104.331	91.568	92.563	93.904	105.008	67.759	40.721	84.614	86.416	91.317	104.704	82.778	76.617	79.219	82.289	82.987	76.537	76.810
9/26/2011 3:00	104.570	72.835	91.232	104.323	91.560	92.558	93.896	104.973	67.754	40.716	84.621	86.408	91.288	104.687	82.740	76.601	79.214	82.261	82.970	76.524	76.784
9/26/2011 6:00	104.566	72.822	91.219	104.319	91.559	92.554	93.886	104.948	67.780	40.709	84.602	86.398	91.305	104.662	82.748	76.599	79.198	82.265	82.987	76.510	76.789
9/26/2011 9:00	104.558	72.824	91.205	104.330	91.543	92.543	93.906	104.950	67.803	40.711	84.552	86.376	91.292	104.652	82.726	76.592	79.197	82.276	82.962	76.485	76.779
9/26/2011 12:00	104.560	72.816	91.207	104.334	91.553	92.557	93.916	104.942	67.807	40.694	84.560	86.374	91.275	104.656	82.730	76.593	79.180	82.284	82.945	76.498	76.795
9/26/2011 15:00	104.536	72.831	91.192	104.319	91.535	92.536	93.898	104.930	67.786	40.685	84.554	86.356	91.273	104.623	82.718	76.576	79.183	82.230	82.927	76.471	76.780
9/26/2011 18:00	104.519	72.796	91.190	104.323	91.533	92.537	93.896	104.910	67.796	40.704	84.537	86.342	91.264	104.612	82.719	76.583	79.169	82.204	82.913	76.467	76.784
9/26/2011 21:00	104.533	72.838	91.186	104.332	91.542	92.552	93.905	104.907	67.793	40.680	84.537	86.330	91.252	104.597	82.716	76.573	79.166	82.176	82.910	76.469	76.787
9/27/2011 0:00	104.533	72.816	91.170	104.319	91.541	92.551	93.904	104.915	67.825	40.679	84.512	86.329	91.251	104.596	82.715	76.581	79.153	82.175	82.897	76.450	76.777
9/27/2011 3:00	104.511	72.815	91.149	104.333	91.537	92.550	93.891	104.902	67.803	40.705	84.514	86.298	91.257	104.586	82.723	76.578	79.167	82.133	82.863	76.447	76.764
9/27/2011 6:00	104.470	72.813	91.147	104.325	91.511	92.536	93.874	104.891	67.798	40.685	84.470	86.260	91.245	104.572	82.700	76.570	79.159	82.100	82.825	76.426	76.741
9/27/2011 9:00	104.480	72.805	91.142	104.323	91.524	92.546	93.905	104.892	67.817	40.692	84.453	86.245	91.240	104.561	82.698	76.565	79.169	82.107	82.832	76.430	76.751
9/27/2011 12:00	104.478	72.812	91.140	104.321	91.519	92.553	93.909	104.887	67.824	40.690	84.451	86.249	91.238	104.547	82.696	76.560	79.167	82.117	82.818	76.416	76.749
9/27/2011 15:00	104.448	72.774	91.110	104.325	91.514	92.542	93.887	104.873	67.792	40.652	84.412	86.182	91.228	104.524	82.694	76.554	79.126	82.055	82.777	76.423	76.723
9/27/2011 18:00	104.439	72.792	91.110	104.334	91.523	92.551	93.887	104.870	67.813	40.649	84.409	86.200	91.209	104.521	82.703	76.563	79.147	82.028	82.774	76.405	76.741
9/27/2011 21:00	104.456	72.808	91.115	104.338	91.530	92.567	93.894	104.877	67.817	40.665	84.402	86.188	91.201	104.537	82.707	76.571	79.151	82.032	82.769	76.421	76.739
9/28/2011 0:00	104.453	72.805	91.118	104.332	91.539	92.561	93.902	104.862	67.835	40.668	84.392	86.179	91.204	104.513	82.692	76.571	79.121	82.026	82.751	76.400	76.763
9/28/2011 3:00	104.425	72.807	91.105	104.331	91.541	92.545	93.884	104.858	67.807	40.667	84.368	86.151	91.191	104.497	82.688	76.561	79.129	82.001	82.714	76.402	76.726
9/28/2011 6:00	104.391	72.804	91.083	104.322	91.526	92.539	93.880	104.852	67.801	40.682	84.346	86.100	91.206	104.491	82.682	76.548	79.120	81.932	82.672	76.396	76.720
9/28/2011 9:00	104.387	72.791	91.064	104.327	91.534	92.547	93.879	104.839	67.809	40.675	84.375	86.090	91.187	104.475	82.678	76.557	79.128	81.949	82.677	76.386	76.707
9/28/2011 12:00	104.375	72.788	91.067	104.327	91.534	92.547	93.876	104.836	67.818	40.678	84.330	86.069	91.154	104.466	82.666	76.562	79.116	81.952	82.656	76.383	76.707
9/28/2011 15:00	104.348	72.770	91.047	104.303	91.528	92.541	93.856	104.818	67.794	40.654	84.273	86.027	91.173	104.448	82.651	76.542	79.095	81.895	82.620	76.362	76.689
9/28/2011 18:00	104.331	72.774	91.039	104.328	91.541	92.545	93.860	104.813	67.786	40.670	84.277	86.052	91.177	104.452	82.664	76.555	79.087	81.887	82.624	76.366	76.684
9/28/2011 21:00	104.348	72.769	91.019	104.324	91.540	92.540	93.855	104.799	67.790	40.662	84.245	86.020	91.141	104.438	82.650	76.541	79.091	81.891	82.619	76.356	76.688
9/29/2011 0:00	104.329	72.760	91.027	104.323	91.551	92.540	93.867	104.799	67.811	40.683	84.254	86.023	91.162	104.417	82.638	76.562	79.088	81.879	82.582	76.364	76.700
9/29/2011 3:00	104.314	72.766	91.007	104.332	91.546	92.537	93.852	104.808	67.790	40.674	84.257	86.017	91.141	104.426	82.647	76.559	79.079	81.855	82.562	76.361	76.667
9/29/2011 6:00	104.285	72.755	91.010	104.327	91.555	92.544	93.834	104.785	67.785	40.690	84.213	85.982	91.133	104.412	82.633	76.539	79.062	81.814	82.541	76.359	76.653
9/29/2011 9:00	104.278	72.769	90.994	104.317	91.551	92.534	93.848	104.774	67.787	40.677	84.242	85.969	91.114	104.401	82.635	76.553	79.082	81.810	82.516	76.364	76.655
9/29/2011 12:00	104.282	72.782	90.980	104.333	91.561	92.550	93.849	104.778	67.782	40.696	84.231	85.979	91.112	104.397	82.630	76.553	79.089	81.820	82.514	76.347	76.659
9/29/2011 15:00	104.254	72.754	90.965	104.315	91.552	92.540	93.831	104.766	67.769	40.656	84.167	85.930	91.139	104.372	82.605	76.553	79.037	81.756	82.496	76.356	76.634
9/29/2011 18:00	104.234	72.762	90.941	104.324	91.550	92.529	93.820	104.755	67.770	40.690	84.180	85.910	91.112	104.361	82.615	76.560	79.074	81.769	82.472	76.335	76.623
9/29/2011 21:00	104.237	72.767	90.935	104.315	91.546	92.538	93.816	104.745	67.770	40.675	84.171	85.892	91.094	104.364	82.627	76.560	79.035	81.763	82.469	76.332	76.626
9/30/2011 0:00	104.230	72.754	90.940	104.317	91.551	92.543	93.821	104.750	67.775	40.692	84.164	85.897	91.111	104.347	82.611	76.565	79.028	81.743	82.474	76.337	76.643
9/30/2011 3:00	104.230	72.769	90.931	104.333	91.558	92.543	93.807	104.760	67.775	40.683	84.143	85.882	91.126	104.336	82.599	76.568	79.040	81.723	82.465	76.334	76.628
9/30/2011 6:00	104.188	72.779	90.931																		

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW103P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
10/2/2011 12:00	104.000	72.741	90.773	104.310	91.586	92.511	93.757	104.626	67.747	40.751	83.991	85.694	90.968	104.138	82.534	76.581	78.966	81.556	82.250	76.237	76.503
10/2/2011 15:00	103.987	72.734	90.760	104.297	91.567	92.501	93.738	104.604	67.715	40.732	83.951	85.666	90.980	104.126	82.515	76.562	78.950	81.515	82.231	76.229	76.490
10/2/2011 18:00	103.972	72.731	90.736	104.306	91.585	92.507	93.747	104.601	67.721	40.759	83.954	85.666	90.971	104.122	82.497	76.562	78.953	81.518	82.213	76.232	76.475
10/2/2011 21:00	103.985	72.738	90.740	104.304	91.586	92.505	93.736	104.602	67.740	40.754	83.946	85.658	90.959	104.114	82.519	76.572	78.957	81.534	82.220	76.236	76.488
10/3/2011 0:00	103.982	72.735	90.752	104.291	91.586	92.511	93.745	104.598	67.734	40.754	83.955	85.664	90.956	104.108	82.525	76.590	78.960	81.501	82.235	76.233	76.482
10/3/2011 3:00	103.964	72.729	90.740	104.304	91.598	92.511	93.748	104.610	67.734	40.766	83.946	85.640	90.968	104.099	82.504	76.575	78.972	81.477	82.223	76.218	76.485
10/3/2011 6:00	103.967	72.722	90.746	104.303	91.604	92.523	93.762	104.601	67.746	40.763	83.928	85.654	90.962	104.108	82.516	76.572	78.966	81.486	82.208	76.224	76.473
10/3/2011 9:00	103.949	72.740	90.725	104.297	91.598	92.520	93.753	104.601	67.752	40.757	83.907	85.639	90.962	104.084	82.513	76.581	78.945	81.501	82.205	76.224	76.491
10/3/2011 12:00	103.943	72.719	90.716	104.283	91.601	92.496	93.732	104.568	67.740	40.781	83.898	85.597	90.917	104.063	82.510	76.566	78.948	81.456	82.193	76.218	76.479
10/3/2011 15:00	103.888	72.717	90.686	104.264	91.586	92.493	93.709	104.559	67.704	40.748	83.868	85.573	90.926	104.069	82.495	76.563	78.930	81.435	82.160	76.197	76.434
10/3/2011 18:00	103.903	72.716	90.688	104.266	91.585	92.486	93.707	104.546	67.709	40.729	83.858	85.572	90.889	104.041	82.479	76.550	78.932	81.416	82.174	76.178	76.439
10/3/2011 21:00	103.897	72.749	90.668	104.273	91.604	92.499	93.723	104.547	67.731	40.744	83.849	85.579	90.929	104.042	82.501	76.578	78.948	81.432	82.148	76.194	76.452
10/4/2011 0:00	103.893	72.751	90.676	104.275	91.600	92.498	93.719	104.561	67.730	40.767	83.845	85.575	90.898	104.023	82.503	76.574	78.947	81.431	82.168	76.187	76.430
10/4/2011 3:00	103.887	72.730	90.657	104.266	91.596	92.504	93.719	104.537	67.736	40.749	83.851	85.563	90.904	104.029	82.487	76.580	78.916	81.413	82.137	76.184	76.426
10/4/2011 6:00	103.872	72.733	90.667	104.266	91.603	92.495	93.722	104.546	67.724	40.768	83.842	85.578	90.898	104.029	82.485	76.577	78.911	81.443	82.125	76.181	76.438
10/4/2011 9:00	103.859	72.732	90.644	104.262	91.601	92.500	93.703	104.545	67.741	40.769	83.832	85.562	90.885	104.003	82.492	76.570	78.903	81.399	82.139	76.180	76.434
10/4/2011 12:00	103.850	72.711	90.639	104.253	91.602	92.491	93.694	104.524	67.711	40.764	83.826	85.532	90.891	103.986	82.472	76.567	78.919	81.391	82.110	76.180	76.413
10/4/2011 15:00	103.823	72.699	90.612	104.235	91.581	92.479	93.676	104.512	67.690	40.736	83.799	85.520	90.867	103.962	82.463	76.564	78.892	81.364	82.091	76.159	76.389
10/4/2011 18:00	103.813	72.692	90.590	104.249	91.583	92.472	93.678	104.481	67.692	40.760	83.801	85.513	90.857	103.964	82.465	76.548	78.882	81.354	82.094	76.152	76.373
10/4/2011 21:00	103.818	72.724	90.603	104.242	91.596	92.480	93.680	104.483	67.709	40.764	83.791	85.500	90.844	103.963	82.460	76.561	78.895	81.379	82.077	76.175	76.381
10/5/2011 0:00	103.808	72.717	90.594	104.244	91.602	92.473	93.676	104.476	67.702	40.767	83.829	85.514	90.858	103.964	82.442	76.567	78.910	81.358	82.088	76.150	76.383
10/5/2011 3:00	103.812	72.700	90.582	104.257	91.594	92.474	93.677	104.477	67.703	40.755	83.806	85.503	90.835	103.944	82.454	76.568	78.886	81.362	82.077	76.151	76.375
10/5/2011 6:00	103.815	72.736	90.600	104.245	91.605	92.471	93.683	104.468	67.712	40.773	83.800	85.500	90.837	103.944	82.454	76.574	78.895	81.367	82.077	76.157	76.387
10/5/2011 9:00	103.801	72.722	90.577	104.246	91.594	92.486	93.681	104.463	67.716	40.789	83.825	85.498	90.826	103.927	82.446	76.550	78.872	81.344	82.066	76.133	76.379
10/5/2011 12:00	103.782	72.703	90.564	104.230	91.582	92.459	93.659	104.453	67.688	40.798	83.752	85.467	90.789	103.911	82.451	76.559	78.871	81.332	82.041	76.133	76.351
10/5/2011 15:00	103.740	72.709	90.531	104.227	91.585	92.453	93.632	104.435	67.661	40.762	83.731	85.452	90.820	103.881	82.421	76.550	78.859	81.320	82.017	76.109	76.312
10/5/2011 18:00	103.740	72.703	90.531	104.218	91.585	92.441	93.632	104.414	67.673	40.762	83.731	85.452	90.772	103.881	82.421	76.532	78.835	81.320	82.017	76.109	76.300
10/5/2011 21:00	103.740	72.703	90.531	104.221	91.584	92.459	93.653	104.420	67.676	40.776	83.731	85.470	90.780	103.899	82.418	76.552	78.871	81.310	82.020	76.109	76.330
10/6/2011 0:00	103.740	72.709	90.522	104.224	91.600	92.462	93.650	104.414	67.682	40.792	83.734	85.467	90.783	103.893	82.433	76.550	78.886	81.338	82.023	76.115	76.330
10/6/2011 3:00	103.742	72.696	90.515	104.220	91.607	92.458	93.640	104.422	67.687	40.784	83.763	85.448	90.800	103.877	82.417	76.557	78.858	81.306	82.016	76.101	76.320
10/6/2011 6:00	103.728	72.706	90.495	104.215	91.591	92.452	93.638	104.410	67.682	40.776	83.731	85.449	90.780	103.854	82.415	76.538	78.850	81.322	82.023	76.085	76.324
10/6/2011 9:00	103.734	72.721	90.513	104.212	91.600	92.455	93.647	104.413	67.682	40.785	83.749	85.466	90.771	103.854	82.415	76.556	78.868	81.331	82.029	76.091	76.330
10/6/2011 12:00	103.720	72.704	90.499	104.198	91.591	92.438	93.648	104.405	67.668	40.795	83.735	85.440	90.757	103.840	82.401	76.529	78.809	81.305	82.027	76.074	76.322
10/6/2011 15:00	103.705	72.698	90.469	104.177	91.582	92.417	93.621	104.363	67.656	40.774	83.705	85.441	90.727	103.828	82.389	76.521	78.824	81.284	81.997	76.059	76.277
10/6/2011 18:00	103.703	72.690	90.491	104.199	91.583	92.415	93.613	104.361	67.657	40.760	83.703	85.433	90.749	103.805	82.387	76.512	78.798	81.282	81.995	76.050	76.278
10/6/2011 21:00	103.709	72.723	90.482	104.193	91.601	92.436	93.631	104.364	67.675	40.802	83.730	85.469	90.725	103.817	82.399	76.539	78.840	81.333	82.013	76.056	76.290
10/7/2011 0:00	103.702	72.690	90.476	104.190	91.589	92.433	93.628	104.370	67.671	40.796	83.700	85.447	90.725	103.811	82.393	76.527	78.822	81.294	82.019	76.053	76.275
10/7/2011 3:00	103.698	72.707	90.484	104.195	91.594	92.429	93.624	104.357	67.667	40.792	83.720	85.452	90.715	103.807	82.389	76.532	78.830	81.290	82.003	76.049	76.280
10/7/2011 6:00	103.691	72.694	90.471	104.197	91.590	92.443	93.623	104.350	67.669	40.779	83.719	85.457	90.708	103.812	82.382	76.543	78.829	81.313	82.014	76.036	76.264
10/7/2011 9:00	103.703	72.694	90.467	104.187	91.593	92.446	93.640	104.347	67.681	40.803	83.751	85.466	90.720	103.797	82.385	76.534	78.826	81.346	82.013	76.036	76.279
10/7/2011 12:00	103.706	72.684	90.464	104.184	91.601	92.439	93.631	104.340	67.666	40.808	83.712	85.474	90.692	103.778	82.390	76.542	78.810	81.330	82.022	76.038	76.263
10/7/2011 15:00	103.683	72.671	90.448	104.165	91.579	92.420	93.600	104.318	67.656	40.792	83.696	85.455	90.679	103.780	82.371	76.508	78.782	81.302	82.003	76.004	76.241
10/7/2011 18:00	103.689	72.677	90.448	104.177	91.585	92.435	93.627	104.324	67.661	40.816	83.696	85.461	90.670	103.774	82.383	76.526	78.794	81.326	82.015	76.013	76.265
10/7/2011 21:00	103.698	72.707	90.462	104.161	91.588	92.432	93.626	104.321	67.667	40.786	83.710	85.497	90.673	103.759	82.380	76.520	78.812	81.353	82.033	76.004	76.265
10/8/2011 0:00	103.692	72.686	90.451	104.171	91.585	92.441	93.623	104.321	67.664	40.819	83.699	85.470	90.697	103.768	82.389	76.526	78.776	81.329	82.042	76.001	76.262
10/8/2011 3:00	103.681	72.681	90.455																		

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW103P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
10/10/2011 9:00	103.679	72.663	89.706	104.091	91.532	92.368	93.562	104.199	67.603	40.809	83.760	85.562	90.506	103.685	82.363	76.461	78.720	81.415	82.130	75.882	76.146
10/10/2011 12:00	103.678	72.665	89.715	104.075	91.532	92.382	93.561	104.204	67.596	40.793	83.781	85.579	90.529	103.678	82.366	76.473	78.717	81.420	82.136	75.873	76.160
10/10/2011 15:00	103.665	72.689	89.732	104.083	91.531	92.363	93.554	104.204	67.580	40.771	83.810	85.672	90.549	103.683	82.362	76.463	78.730	81.506	82.180	75.865	76.123
10/10/2011 18:00	103.688	72.670	89.719	104.082	91.521	92.353	93.553	104.194	67.567	40.770	83.821	85.854	90.512	103.682	82.382	76.453	78.717	81.611	82.293	75.865	76.140
10/10/2011 21:00	103.724	72.661	89.707	104.082	91.521	92.353	93.553	104.182	67.567	40.782	83.845	86.011	90.500	103.670	82.361	76.462	78.729	81.773	82.456	75.856	76.140
10/11/2011 0:00	103.766	72.652	89.719	104.067	91.512	92.347	93.565	104.167	67.555	40.782	83.917	86.194	90.500	103.676	82.355	76.444	78.715	81.899	82.612	75.847	76.137
10/11/2011 3:00	103.816	72.650	89.741	104.063	91.507	92.330	93.561	104.168	67.560	40.765	83.988	86.358	90.490	103.681	82.359	76.439	78.737	82.015	82.722	75.845	76.129
10/11/2011 6:00	103.866	72.643	89.752	104.074	91.491	92.320	93.563	104.179	67.546	40.764	84.083	86.534	90.449	103.680	82.379	76.432	78.736	82.167	82.859	75.838	76.150
10/11/2011 9:00	103.939	72.665	89.768	104.057	91.504	92.336	93.594	104.192	67.562	40.768	84.171	86.686	90.465	103.696	82.395	76.436	78.716	82.286	83.010	75.833	76.175
10/11/2011 12:00	104.010	72.640	89.791	104.061	91.488	92.329	93.605	104.197	67.579	40.764	84.323	86.814	90.477	103.698	82.430	76.438	78.700	82.447	83.121	75.826	76.192
10/11/2011 15:00	104.051	72.650	89.825	104.038	91.474	92.303	93.603	104.201	67.565	40.756	84.387	86.920	90.469	103.714	82.437	76.424	78.716	82.529	83.236	75.812	76.205
10/11/2011 18:00	104.127	72.657	89.842	104.037	91.472	92.322	93.628	104.208	67.585	40.742	84.506	87.075	90.494	103.724	82.468	76.422	78.714	82.669	83.358	75.810	76.233
10/11/2011 21:00	104.213	72.647	89.895	104.042	91.480	92.339	93.672	104.246	67.614	40.747	84.634	87.221	90.472	103.750	82.507	76.439	78.731	82.767	83.489	75.809	76.262
10/12/2011 0:00	104.292	72.651	89.941	104.033	91.466	92.340	93.688	104.253	67.624	40.748	84.710	87.327	90.491	103.772	82.525	76.425	78.744	82.876	83.571	75.807	76.281
10/12/2011 3:00	104.351	72.655	89.978	104.038	91.467	92.344	93.713	104.287	67.619	40.756	84.850	87.440	90.474	103.806	82.572	76.426	78.739	82.977	83.680	75.817	76.306
10/12/2011 6:00	104.393	72.664	90.023	104.038	91.464	92.332	93.704	104.296	67.598	40.746	84.925	87.491	90.516	103.827	82.596	76.435	78.787	83.025	83.728	75.805	76.306
10/12/2011 9:00	104.466	72.629	90.066	104.033	91.435	92.327	93.717	104.312	67.602	40.726	85.001	87.480	90.505	103.855	82.600	76.431	78.770	83.053	83.778	75.794	76.343
10/12/2011 12:00	104.537	72.640	90.104	104.022	91.452	92.350	93.755	104.354	67.634	40.740	85.111	87.434	90.522	103.896	82.653	76.420	78.784	83.031	83.746	75.811	76.384
10/12/2011 15:00	104.554	72.648	90.152	104.019	91.448	92.353	93.764	104.377	67.639	40.728	85.147	87.331	90.497	103.932	82.679	76.411	78.768	82.982	83.698	75.810	76.387
10/12/2011 18:00	104.582	72.652	90.195	104.035	91.434	92.360	93.777	104.372	67.658	40.723	85.190	87.259	90.528	103.957	82.704	76.415	78.812	82.920	83.635	75.823	76.412
10/12/2011 21:00	104.604	72.638	90.240	104.012	91.429	92.370	93.796	104.403	67.668	40.732	85.200	87.182	90.526	104.000	82.726	76.409	78.809	82.848	83.564	75.815	76.425
10/13/2011 0:00	104.628	72.626	90.277	104.024	91.435	92.391	93.823	104.430	67.698	40.709	85.212	87.113	90.565	104.042	82.768	76.416	78.809	82.824	83.531	75.833	76.476
10/13/2011 3:00	104.635	72.618	90.305	104.034	91.418	92.389	93.827	104.455	67.687	40.722	85.192	87.015	90.596	104.070	82.787	76.416	78.801	82.756	83.451	75.846	76.471
10/13/2011 6:00	104.636	72.619	90.330	104.014	91.428	92.390	93.825	104.480	67.688	40.713	85.193	86.950	90.609	104.113	82.800	76.399	78.790	82.676	83.407	75.835	76.472
10/13/2011 9:00	104.638	72.611	90.352	104.024	91.430	92.400	93.829	104.490	67.698	40.724	85.167	86.897	90.625	104.156	82.820	76.401	78.801	82.602	83.348	75.827	76.494
10/13/2011 12:00	104.645	72.618	90.368	104.025	91.425	92.422	93.842	104.518	67.708	40.725	85.156	86.865	90.641	104.175	82.851	76.405	78.814	82.618	83.316	75.853	76.504
10/13/2011 15:00	104.619	72.626	90.381	104.044	91.426	92.414	93.837	104.516	67.706	40.738	85.112	86.794	90.646	104.210	82.858	76.406	78.842	82.538	83.260	75.866	76.496
10/13/2011 18:00	104.611	72.594	90.382	104.021	91.412	92.424	93.838	104.548	67.705	40.703	85.092	86.744	90.659	104.229	82.844	76.392	78.840	82.527	83.192	75.876	76.494
10/13/2011 21:00	104.633	72.609	90.413	104.031	91.434	92.446	93.860	104.584	67.727	40.734	85.060	86.726	90.684	104.275	82.878	76.396	78.859	82.498	83.211	75.907	76.537
10/14/2011 0:00	104.624	72.600	90.422	104.031	91.437	92.458	93.869	104.593	67.748	40.746	85.024	86.699	90.705	104.296	82.878	76.405	78.871	82.462	83.187	75.907	76.537
10/14/2011 3:00	104.616	72.592	90.417	104.035	91.438	92.450	93.870	104.604	67.742	40.738	85.019	86.655	90.718	104.309	82.894	76.409	78.887	82.433	83.136	75.917	76.541
10/14/2011 6:00	104.625	72.592	90.433	104.029	91.441	92.447	93.855	104.637	67.758	40.729	85.007	86.631	90.760	104.336	82.909	76.409	78.890	82.412	83.094	75.929	76.547
10/14/2011 9:00	104.615	72.619	90.438	104.029	91.443	92.459	93.873	104.621	67.769	40.738	84.928	86.622	90.727	104.351	82.912	76.411	78.896	82.396	83.079	75.956	76.553
10/14/2011 12:00	104.629	72.609	90.455	104.034	91.451	92.476	93.881	104.653	67.774	40.743	84.882	86.603	90.774	104.368	82.917	76.411	78.892	82.389	83.072	75.964	76.570
10/14/2011 15:00	104.626	72.591	90.452	104.031	91.442	92.461	93.881	104.647	67.768	40.728	84.891	86.594	90.792	104.371	82.932	76.402	78.898	82.350	83.057	75.949	76.573
10/14/2011 18:00	104.609	72.595	90.447	104.029	91.440	92.471	93.879	104.663	67.781	40.746	84.889	86.574	90.835	104.384	82.933	76.408	78.883	82.357	83.043	75.970	76.574
10/14/2011 21:00	104.638	72.603	90.473	104.036	91.463	92.494	93.899	104.683	67.813	40.763	84.867	86.584	90.812	104.416	82.956	76.422	78.909	82.350	83.027	75.999	76.600
10/15/2011 0:00	104.651	72.610	90.489	104.043	91.491	92.525	93.926	104.702	67.823	40.770	84.834	86.576	90.882	104.437	82.977	76.429	78.916	82.357	83.045	76.009	76.631
10/15/2011 3:00	104.635	72.603	90.479	104.037	91.466	92.505	93.928	104.713	67.804	40.760	84.858	86.542	90.872	104.439	82.959	76.431	78.918	82.347	83.036	76.020	76.612
10/15/2011 6:00	104.632	72.591	90.479	104.039	91.487	92.523	93.922	104.716	67.828	40.748	84.845	86.542	90.896	104.457	82.973	76.434	78.918	82.338	83.014	76.020	76.608
10/15/2011 9:00	104.641	72.602	90.503	104.042	91.478	92.529	93.922	104.725	67.834	40.775	84.833	86.527	90.905	104.475	82.979	76.455	78.930	82.314	83.005	76.059	76.626
10/15/2011 12:00	104.631	72.599	90.472	104.035	91.477	92.519	93.918	104.718	67.824	40.789	84.826	86.496	90.913	104.462	82.981	76.442	78.923	82.294	82.998	76.055	76.625
10/15/2011 15:00	104.602	72.573	90.467	104.037	91.475	92.505	93.910	104.719	67.813	40.760	84.810	86.485	90.924	104.460	82.980	76.440	78.918	82.266	82.954	76.047	76.612
10/15/2011 18:00	104.613	72.575	90.475	104.044	91.480	92.516	93.915	104.721	67.824	40.780	84.796	86.481	90.944	104.492	82.991	76.445	78.938	82.286	82.965	76.070	76.614
10/15/2011 21:00	104.609	72.580	90.483	104.059	91.495	92.534	93.939	104.763	67.851	40.780	84.778	86.508	90.973	104.501	82.996	76.454	78.959	82.273	82.989	76.085	76.652
10/16/																					

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW103P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
10/18/2011 6:00	105.315	72.555	90.792	104.082	91.562	92.632	94.139	104.963	67.963	40.820	85.769	87.944	91.119	104.719	83.316	76.558	79.099	83.556	84.260	76.225	76.928
10/18/2011 9:00	105.351	72.552	90.834	104.087	91.568	92.647	94.154	104.993	67.981	40.838	85.811	87.887	91.113	104.758	83.334	76.563	79.117	83.480	84.208	76.231	76.934
10/18/2011 12:00	105.360	72.519	90.846	104.085	91.560	92.629	94.148	104.984	67.964	40.806	85.826	87.806	91.143	104.783	83.347	76.558	79.093	83.445	84.152	76.234	76.937
10/18/2011 15:00	105.364	72.532	90.874	104.092	91.558	92.645	94.159	105.018	67.938	40.804	85.830	87.723	91.139	104.817	83.384	76.574	79.106	83.377	84.104	76.235	76.947
10/18/2011 18:00	105.345	72.543	90.886	104.097	91.563	92.626	94.110	105.027	67.910	40.791	85.809	87.632	91.141	104.840	83.377	76.552	79.130	83.292	84.011	76.244	76.910
10/18/2011 21:00	105.326	72.530	90.876	104.093	91.547	92.599	94.085	105.017	67.894	40.778	85.771	87.577	91.122	104.854	83.370	76.530	79.116	83.246	83.949	76.239	76.891
10/19/2011 0:00	105.332	72.536	90.914	104.090	91.537	92.601	94.096	105.007	67.899	40.780	85.738	87.540	91.151	104.899	83.373	76.539	79.128	83.188	83.925	76.233	76.893
10/19/2011 3:00	105.324	72.528	90.924	104.115	91.523	92.602	94.094	105.023	67.888	40.763	85.712	87.490	91.152	104.915	83.382	76.527	79.126	83.183	83.896	76.249	76.889
10/19/2011 6:00	105.314	72.536	90.914	104.111	91.510	92.583	94.069	105.013	67.860	40.750	85.690	87.441	91.152	104.929	83.367	76.512	79.137	83.161	83.838	76.236	76.882
10/19/2011 9:00	105.321	72.513	90.937	104.124	91.518	92.584	94.076	105.011	67.883	40.752	85.655	87.424	91.171	104.951	83.386	76.501	79.138	83.114	83.839	76.252	76.880
10/19/2011 12:00	105.320	72.518	90.929	104.102	91.492	92.583	94.081	105.031	67.885	40.745	85.624	87.426	91.179	104.959	83.385	76.494	79.119	83.095	83.817	76.239	76.891
10/19/2011 15:00	105.330	72.528	90.952	104.124	91.503	92.602	94.100	105.029	67.895	40.731	85.622	87.424	91.150	104.981	83.407	76.495	79.117	83.126	83.839	76.268	76.910
10/19/2011 18:00	105.383	72.539	90.995	104.120	91.510	92.628	94.123	105.061	67.947	40.729	85.626	87.453	91.211	105.007	83.442	76.493	79.125	83.173	83.864	76.272	76.960
10/19/2011 21:00	105.412	72.528	91.033	104.131	91.530	92.636	94.149	105.093	67.985	40.758	85.616	87.490	91.225	105.027	83.462	76.501	79.142	83.166	83.884	76.286	77.000
10/20/2011 0:00	105.429	72.528	91.048	104.136	91.530	92.663	94.167	105.132	67.979	40.761	85.643	87.487	91.273	105.054	83.476	76.519	79.180	83.168	83.911	76.312	77.018
10/20/2011 3:00	105.463	72.523	91.088	104.146	91.540	92.663	94.186	105.166	68.001	40.792	85.647	87.515	91.304	105.067	83.498	76.529	79.175	83.220	83.906	76.319	77.040
10/20/2011 6:00	105.486	72.525	91.099	104.139	91.548	92.680	94.221	105.165	68.039	40.758	85.655	87.532	91.312	105.095	83.527	76.537	79.150	83.234	83.944	76.327	77.069
10/20/2011 9:00	105.517	72.520	91.121	104.155	91.548	92.690	94.227	105.195	68.055	40.758	85.683	87.569	91.319	105.114	83.546	76.534	79.163	83.247	83.957	76.343	77.088
10/20/2011 12:00	105.542	72.500	91.137	104.171	91.546	92.706	94.225	105.214	68.050	40.787	85.651	87.555	91.362	105.151	83.562	76.551	79.203	83.254	83.961	76.359	77.104
10/20/2011 15:00	105.556	72.520	91.157	104.164	91.557	92.720	94.236	105.226	68.055	40.791	85.671	87.578	91.370	105.165	83.576	76.553	79.187	83.271	83.969	76.361	77.109
10/20/2011 18:00	105.595	72.513	91.178	104.179	91.572	92.738	94.269	105.246	68.082	40.779	85.698	87.746	91.388	105.183	83.594	76.558	79.208	83.385	84.095	76.403	77.139
10/20/2011 21:00	105.647	72.487	91.200	104.183	91.579	92.754	94.282	105.262	68.086	40.780	85.750	87.918	91.434	105.211	83.622	76.565	79.245	83.564	84.234	76.407	77.155
10/21/2011 0:00	105.715	72.486	91.238	104.197	91.599	92.762	94.302	105.291	68.114	40.794	85.800	88.122	91.460	105.228	83.648	76.600	79.235	83.695	84.399	76.415	77.184
10/21/2011 3:00	105.784	72.503	91.249	104.208	91.607	92.782	94.319	105.311	68.114	40.805	85.859	88.313	91.483	105.257	83.668	76.620	79.234	83.868	84.578	76.435	77.213
10/21/2011 6:00	105.884	72.499	91.289	104.203	91.615	92.793	94.345	105.355	68.145	40.813	85.978	88.505	91.488	105.289	83.700	76.607	79.263	84.026	84.724	76.458	77.245
10/21/2011 9:00	105.965	72.480	91.351	104.211	91.620	92.810	94.386	105.369	68.171	40.815	86.115	88.693	91.523	105.318	83.741	76.621	79.277	84.203	84.897	76.481	77.295
10/21/2011 12:00	106.016	72.474	91.373	104.212	91.608	92.798	94.395	105.390	68.151	40.788	86.197	88.847	91.538	105.339	83.771	76.630	79.298	84.329	85.006	76.472	77.304
10/21/2011 15:00	106.083	72.481	91.416	104.207	91.612	92.820	94.399	105.401	68.143	40.786	86.324	88.962	91.545	105.370	83.802	76.625	79.302	84.454	85.161	76.497	77.314
10/21/2011 18:00	106.206	72.483	91.469	104.224	91.626	92.819	94.449	105.457	68.196	40.815	86.425	89.132	91.574	105.411	83.843	76.657	79.319	84.612	85.304	76.508	77.367
10/21/2011 21:00	106.301	72.464	91.543	104.240	91.646	92.857	94.505	105.489	68.221	40.820	86.565	89.318	91.612	105.483	83.905	76.668	79.369	84.743	85.456	76.546	77.426
10/22/2011 0:00	106.395	72.486	91.595	104.254	91.659	92.873	94.530	105.532	68.247	40.818	86.708	89.430	91.652	105.517	83.960	76.687	79.385	84.865	85.574	76.571	77.469
10/22/2011 3:00	106.478	72.470	91.642	104.252	91.661	92.890	94.560	105.549	68.245	40.811	86.791	89.552	91.666	105.564	83.989	76.692	79.384	84.957	85.663	76.573	77.498
10/22/2011 6:00	106.577	72.503	91.706	104.271	91.676	92.911	94.593	105.612	68.297	40.841	86.929	89.715	91.696	105.618	84.053	76.707	79.438	85.116	85.802	76.597	77.571
10/22/2011 9:00	106.688	72.488	91.775	104.270	91.673	92.944	94.644	105.645	68.321	40.820	87.049	89.814	91.729	105.672	84.095	76.710	79.435	85.218	85.907	76.621	77.613
10/22/2011 12:00	106.747	72.495	91.830	104.275	91.686	92.945	94.660	105.676	68.334	40.845	87.180	89.917	91.748	105.715	84.150	76.723	79.430	85.331	86.016	76.625	77.644
10/22/2011 15:00	106.835	72.484	91.903	104.273	91.681	92.958	94.691	105.728	68.317	40.825	87.277	90.023	91.779	105.770	84.187	76.721	79.500	85.410	86.093	76.650	77.669
10/22/2011 18:00	106.939	72.471	91.986	104.308	91.698	92.993	94.744	105.781	68.373	40.839	87.397	90.143	91.826	105.860	84.276	76.757	79.511	85.538	86.206	76.686	77.746
10/22/2011 21:00	107.039	72.493	92.056	104.317	91.711	93.015	94.778	105.833	68.407	40.843	87.490	90.258	91.860	105.921	84.328	76.778	79.545	85.632	86.321	76.716	77.810
10/23/2011 0:00	107.147	72.501	92.115	104.338	91.728	93.038	94.822	105.896	68.439	40.854	87.610	90.356	91.896	105.995	84.381	76.795	79.568	85.725	86.413	76.755	77.848
10/23/2011 3:00	107.206	72.461	92.177	104.340	91.724	93.037	94.845	105.925	68.459	40.871	87.684	90.445	91.913	106.045	84.431	76.800	79.582	85.796	86.466	76.759	77.880
10/23/2011 6:00	107.290	72.479	92.253	104.343	91.733	93.064	94.875	105.970	68.474	40.859	87.819	90.545	91.976	106.105	84.480	76.809	79.618	85.880	86.578	76.778	77.937
10/23/2011 9:00	107.400	72.481	92.336	104.359	91.747	93.102	94.934	106.041	68.524	40.873	87.881	90.643	92.014	106.197	84.542	76.832	79.647	86.002	86.685	76.828	78.017
10/23/2011 12:00	107.475	72.466	92.390	104.363	91.750	93.114	94.946	106.080	68.515	40.849	87.996	90.709	92.071	106.248	84.596	76.827	79.651	86.041	86.745	76.843	78.039
10/23/2011 15:00	107.508	72.459	92.450	104.368	91.738	93.114	94.964	106.118	68.518	40.839	88.067	90.735	92.088	106.299	84.628	76.814	79.683	86.119	86.793	76.860	78.047
10/23/2011 18:00	107.621	72.491	92.517	104.400	91.769	93.167	95.014	106.201	68.570	40.883	88.171	90.857	92.132	106.394	84.690	76.864	79.715	86.223	86.881	76.910	78.130
10/23/2																					

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	MW095P Depth to Water [ft BTOC]	MW096T Depth to Water [ft BTOC]	MW097T Depth to Water [ft BTOC]	MW098TR Depth to Water [ft BTOC]	MW101T Depth to Water [ft BTOC]	MW102S Depth to Water [ft BTOC]	MW103P Depth to Water [ft BTOC]	MW126T Depth to Water [ft BTOC]	MW130P Depth to Water [ft BTOC]	MW134T Depth to Water [ft BTOC]	MW137T Depth to Water [ft BTOC]	MW138P Depth to Water [ft BTOC]	MW139S Depth to Water [ft BTOC]	MW140S Depth to Water [ft BTOC]	MW141T Depth to Water [ft BTOC]	P112A Depth to Water [ft BTOC]	P112B Depth to Water [ft BTOC]	P112C Depth to Water [ft BTOC]	P112D Depth to Water [ft BTOC]	P114A Depth to Water [ft BTOC]	P114B Depth to Water [ft BTOC]
10/26/2011 3:00	109.131	72.498	93.796	104.737	92.035	93.652	95.700	107.282	69.097	40.989	89.625	92.275	93.125	107.799	85.741	77.180	80.350	87.556	88.242	77.636	79.117
10/26/2011 6:00	109.176	72.473	93.841	104.734	92.046	93.657	95.711	107.335	69.103	40.973	89.669	92.313	93.191	107.867	85.797	77.183	80.382	87.612	88.295	77.665	79.131
10/26/2011 9:00	109.250	72.487	93.912	104.757	92.042	93.692	95.743	107.379	69.147	41.002	89.740	92.399	93.241	107.932	85.853	77.197	80.417	87.668	88.375	77.697	79.196
10/26/2011 12:00	109.319	72.460	93.942	104.757	92.048	93.710	95.771	107.427	69.138	40.996	89.797	92.453	93.289	107.993	85.907	77.193	80.448	87.723	88.402	77.745	79.215
10/26/2011 15:00	109.371	72.469	93.994	104.784	92.067	93.722	95.783	107.461	69.150	40.967	89.861	92.484	93.298	108.065	85.929	77.215	80.460	87.780	88.433	77.779	79.263
10/26/2011 18:00	109.437	72.475	94.066	104.817	92.072	93.752	95.801	107.521	69.183	40.979	89.921	92.538	93.361	108.146	85.989	77.239	80.517	87.840	88.523	77.824	79.314
10/26/2011 21:00	109.536	72.457	94.144	104.859	92.103	93.804	95.858	107.590	69.222	41.003	90.011	92.658	93.428	108.219	86.052	77.269	80.535	87.894	88.577	77.890	79.383
10/27/2011 0:00	109.618	72.500	94.211	104.875	92.115	93.820	95.907	107.657	69.271	41.003	90.090	92.698	93.498	108.286	86.110	77.300	80.602	87.970	88.641	77.924	79.432
10/27/2011 3:00	109.645	72.476	94.253	104.890	92.130	93.841	95.913	107.696	69.274	40.989	90.120	92.749	93.543	108.349	86.143	77.285	80.605	87.998	88.710	77.966	79.451
10/27/2011 6:00	109.706	72.471	94.308	104.906	92.149	93.866	95.932	107.761	69.287	41.008	90.175	92.796	93.601	108.416	86.189	77.325	80.648	88.062	88.729	77.994	79.506
10/27/2011 9:00	109.774	72.455	94.370	104.932	92.163	93.883	95.964	107.808	69.316	41.019	90.229	92.849	93.642	108.484	86.236	77.339	80.689	88.115	88.791	78.017	79.553
10/27/2011 12:00	109.872	72.483	94.425	104.970	92.186	93.926	96.017	107.878	69.351	41.023	90.296	92.937	93.704	108.570	86.313	77.361	80.705	88.179	88.871	78.081	79.647
10/27/2011 15:00	109.902	72.454	94.459	104.961	92.171	93.902	96.023	107.911	69.348	41.029	90.321	92.958	93.716	108.609	86.343	77.356	80.748	88.210	88.901	78.106	79.641
10/27/2011 18:00	109.967	72.462	94.521	104.987	92.188	93.937	96.058	107.937	69.386	41.016	90.382	93.020	93.817	108.665	86.390	77.373	80.786	88.259	88.933	78.162	79.688
10/27/2011 21:00	110.036	72.451	94.571	105.025	92.208	93.966	96.105	108.017	69.424	41.036	90.457	93.107	93.843	108.733	86.449	77.393	80.824	88.331	88.995	78.200	79.760
10/28/2011 0:00	110.118	72.476	94.647	105.053	92.242	94.012	96.148	108.076	69.473	41.058	90.497	93.159	93.919	108.812	86.507	77.436	80.876	88.407	89.080	78.261	79.827
10/28/2011 3:00	110.193	72.462	94.723	105.078	92.258	94.061	96.182	108.149	69.498	41.050	90.560	93.220	93.962	108.882	86.565	77.451	80.892	88.447	89.123	78.307	79.873
10/28/2011 6:00	110.231	72.455	94.770	105.104	92.254	94.066	96.205	108.190	69.503	41.064	90.619	93.252	94.033	108.950	86.603	77.474	80.939	88.482	89.182	78.345	79.911
10/28/2011 9:00	110.304	72.443	94.833	105.134	92.284	94.084	96.244	108.259	69.533	41.055	90.677	93.309	94.096	109.011	86.654	77.486	80.954	88.509	89.228	78.384	79.962
10/28/2011 12:00	110.367	72.428	94.888	105.149	92.305	94.120	96.283	108.313	69.560	41.067	90.749	93.360	94.165	109.068	86.712	77.517	80.996	88.572	89.273	78.444	80.028
10/28/2011 15:00	110.423	72.466	94.944	105.172	92.328	94.137	96.300	108.357	69.586	41.069	90.790	93.419	94.216	109.145	86.756	77.543	81.040	88.640	89.305	78.479	80.072
10/28/2011 18:00	110.493	72.437	94.984	105.194	92.347	94.165	96.328	108.406	69.614	41.085	90.860	93.447	94.271	109.203	86.808	77.553	81.044	88.680	89.339	78.516	80.121
10/28/2011 21:00	110.556	72.482	95.038	105.233	92.371	94.192	96.370	108.469	69.641	41.076	90.926	93.519	94.325	109.263	86.856	77.577	81.086	88.710	89.390	78.570	80.157
10/29/2011 0:00	110.618	72.462	95.105	105.270	92.387	94.236	96.398	108.533	69.678	41.086	90.970	93.553	94.371	109.339	86.899	77.611	81.127	88.787	89.445	78.626	80.221
10/29/2011 3:00	110.685	72.454	95.152	105.278	92.403	94.261	96.433	108.586	69.716	41.096	91.016	93.600	94.435	109.404	86.957	77.636	81.161	88.830	89.495	78.654	80.256
10/29/2011 6:00	110.717	72.465	95.198	105.312	92.423	94.284	96.453	108.651	69.727	41.083	91.045	93.638	94.482	109.469	87.001	77.656	81.217	88.865	89.550	78.701	80.306
10/29/2011 9:00	110.790	72.448	95.254	105.344	92.439	94.294	96.505	108.694	69.758	41.102	91.094	93.690	94.525	109.521	87.054	77.681	81.236	88.896	89.594	78.744	80.361
10/29/2011 12:00	110.836	72.455	95.296	105.359	92.461	94.322	96.518	108.728	69.773	41.109	91.149	93.748	94.596	109.579	87.090	77.694	81.255	88.927	89.621	78.787	80.398
10/29/2011 15:00	110.894	72.444	95.358	105.391	92.481	94.353	96.558	108.789	69.799	41.110	91.198	93.785	94.648	109.655	87.134	77.725	81.328	88.985	89.659	78.836	80.462
10/29/2011 18:00	110.952	72.454	95.392	105.419	92.494	94.381	96.577	108.838	69.833	41.123	91.238	93.816	94.706	109.701	87.183	77.735	81.350	89.019	89.717	78.885	80.508
10/29/2011 21:00	111.022	72.437	95.453	105.449	92.521	94.415	96.623	108.896	69.878	41.114	91.281	93.889	94.776	109.768	87.228	77.772	81.366	89.095	89.789	78.928	80.575
10/30/2011 0:00	111.100	72.446	95.510	105.473	92.551	94.451	96.680	108.983	69.924	41.160	91.362	93.946	94.833	109.837	87.295	77.802	81.399	89.152	89.838	78.976	80.632
10/30/2011 3:00	111.161	72.468	95.576	105.516	92.582	94.494	96.720	109.044	69.954	41.145	91.435	94.001	94.888	109.910	87.346	77.842	81.454	89.228	89.889	79.016	80.684
10/30/2011 6:00	111.213	72.452	95.628	105.546	92.600	94.524	96.747	109.107	69.985	41.173	91.462	94.034	94.927	109.973	87.389	77.860	81.481	89.246	89.908	79.079	80.726
10/30/2011 9:00	111.282	72.450	95.701	105.574	92.628	94.566	96.780	109.162	70.016	41.176	91.523	94.086	95.000	110.025	87.441	77.894	81.518	89.295	89.981	79.143	80.790
10/30/2011 12:00	111.334	72.439	95.732	105.578	92.635	94.568	96.800	109.193	70.007	41.204	91.560	94.120	95.058	110.068	87.475	77.904	81.549	89.311	89.985	79.162	80.803
10/30/2011 15:00	111.345	72.458	95.757	105.603	92.648	94.584	96.813	109.236	70.036	41.193	91.609	94.121	95.074	110.136	87.512	77.926	81.583	89.348	89.995	79.205	80.825
10/30/2011 18:00	111.420	72.455	95.805	105.645	92.684	94.620	96.870	109.296	70.060	41.238	91.645	94.199	95.149	110.202	87.569	77.962	81.631	89.393	90.055	79.271	80.891
10/30/2011 21:00	111.481	72.450	95.860	105.677	92.700	94.651	96.892	109.333	70.094	41.249	91.671	94.236	95.204	110.266	87.603	77.987	81.674	89.415	90.098	79.321	80.934
10/31/2011 0:00	111.538	72.447	95.905	105.710	92.733	94.672	96.928	109.403	70.115	41.236	91.737	94.290	95.267	110.317	87.654	78.014	81.707	89.460	90.131	79.348	80.985
10/31/2011 3:00	111.583	72.477	95.963	105.737	92.760	94.717	96.964	109.466	70.151	41.279	91.764	94.317	95.315	110.386	87.702	78.050	81.752	89.503	90.206	79.396	81.031
10/31/2011 6:00	111.622	72.462	96.011	105.770	92.778	94.735	96.967	109.490	70.169	41.267	91.800	94.345	95.355	110.431	87.738	78.068	81.801	89.527	90.194	79.453	81.058
10/31/2011 9:00	111.672	72.443	96.034	105.814	92.789	94.746	96.996	109.543	70.192	41.289	91.850	94.374	95.414	110.484	87.770	78.097	81.796	89.574	90.238	79.503	81.099
10/31/2011 12:00										41.287											

Notes:

ft BTOC - feet Below Top of Casing

1. Water levels were collected using Diver transducers. Water levels were compensated for barometric pressure using Schlumberger Water Services Diver-Office 2011.1 version 4.0.76.0.

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C	P114D	PBC004	SL023	UBC011	UBC021	UBC023	UBC025	UBC026	UBC027	UBC028AR	UBC031	UBC052	UBC054	UBC055	UBC056
	Depth to Water [ft BTOC]															
9/1/2011 0:00	78.516	78.194	59.047	55.753	50.653	73.994	67.459	109.032	90.518	108.410	104.990	97.204	69.483	88.326	89.252	90.305
9/1/2011 3:00	78.553	78.234	59.060	55.733	50.663	74.031	67.502	109.090	90.561	108.450	105.054	97.244	69.523	88.363	89.286	90.351
9/1/2011 6:00	78.612	78.275	59.047	55.723	50.662	74.057	67.564	109.137	90.599	108.509	105.120	97.285	69.576	88.404	89.336	90.395
9/1/2011 9:00	78.666	78.320	59.047	55.735	50.668	74.096	67.618	109.173	90.644	108.563	105.186	97.339	69.609	88.467	89.388	90.440
9/1/2011 12:00	78.719	78.379	59.049	55.746	50.676	74.122	67.659	109.224	90.685	108.610	105.230	97.374	69.659	88.521	89.447	90.475
9/1/2011 15:00	78.766	78.402	59.056	55.747	50.677	74.156	67.714	109.273	90.728	108.660	105.282	97.427	69.693	88.558	89.478	90.528
9/1/2011 18:00	78.776	78.437	59.040	55.731	50.670	74.170	67.741	109.296	90.755	108.683	105.335	97.450	69.719	88.590	89.513	90.545
9/1/2011 21:00	78.847	78.478	59.048	55.742	50.693	74.202	67.791	109.358	90.796	108.733	105.391	97.500	69.760	88.640	89.572	90.598
9/2/2011 0:00	78.884	78.529	59.060	55.751	50.711	74.245	67.824	109.409	90.847	108.793	105.437	97.539	69.791	88.679	89.620	90.541
9/2/2011 3:00	78.927	78.575	59.064	55.746	50.715	74.279	67.879	109.446	90.902	108.848	105.489	97.591	69.837	88.731	89.676	90.590
9/2/2011 6:00	78.971	78.610	59.081	55.739	50.741	74.317	67.905	109.503	90.937	108.883	105.554	97.638	69.875	88.778	89.723	90.628
9/2/2011 9:00	79.016	78.658	59.075	55.778	50.738	74.344	67.944	109.545	90.985	108.928	105.608	97.683	69.920	88.811	89.765	90.667
9/2/2011 12:00	79.059	78.704	59.094	55.785	50.745	74.381	68.002	109.579	91.013	108.974	105.660	97.708	69.948	88.858	89.811	90.698
9/2/2011 15:00	79.079	78.712	59.065	55.739	50.720	74.367	68.000	109.601	91.018	108.976	105.676	97.722	69.955	88.868	89.827	90.702
9/2/2011 18:00	79.116	78.752	59.075	55.761	50.730	74.398	68.041	109.641	91.070	109.037	105.744	97.762	69.977	88.905	89.870	90.758
9/2/2011 21:00	79.162	78.819	59.097	55.777	50.767	74.456	68.099	109.696	91.128	109.104	105.796	97.817	70.032	88.972	89.937	90.813
9/3/2011 0:00	79.208	78.853	59.113	55.811	50.771	74.490	68.133	109.730	91.162	109.138	105.830	97.854	70.057	88.997	89.980	90.838
9/3/2011 3:00	79.234	78.873	59.103	55.789	50.761	74.510	68.165	109.777	91.194	109.164	105.886	97.892	70.089	89.032	90.022	90.852
9/3/2011 6:00	79.288	78.921	59.109	55.816	50.785	74.537	68.192	109.811	91.230	109.200	105.934	97.916	70.138	89.077	90.064	90.903
9/3/2011 9:00	79.323	78.968	59.117	55.812	50.802	74.576	68.251	109.852	91.256	109.247	105.966	97.975	70.164	89.115	90.099	90.953
9/3/2011 12:00	79.338	78.977	59.117	55.791	50.790	74.597	68.269	109.870	91.295	109.274	106.005	97.990	70.194	89.139	90.123	90.974
9/3/2011 15:00	79.371	79.025	59.125	55.817	50.798	74.623	68.307	109.911	91.333	109.309	106.043	98.017	70.211	89.163	90.161	90.994
9/3/2011 18:00	79.401	79.059	59.130	55.800	50.799	74.636	68.311	109.924	91.346	109.353	106.093	98.048	70.245	89.185	90.201	91.022
9/3/2011 21:00	79.446	79.100	59.149	55.853	50.840	74.677	68.373	109.986	91.399	109.394	106.155	98.101	70.286	89.247	90.242	91.084
9/4/2011 0:00	79.492	79.120	59.148	55.864	50.830	74.700	68.405	110.003	91.419	109.423	106.190	98.121	70.297	89.267	90.277	91.107
9/4/2011 3:00	79.511	79.162	59.164	55.834	50.845	74.712	68.430	110.030	91.453	109.456	106.223	98.151	70.330	89.294	90.314	91.135
9/4/2011 6:00	79.548	79.190	59.147	55.862	50.849	74.749	68.455	110.067	91.469	109.490	106.260	98.179	70.367	89.340	90.351	91.163
9/4/2011 9:00	79.591	79.233	59.172	55.863	50.862	74.783	68.510	110.110	91.524	109.524	106.321	98.222	70.401	89.395	90.394	91.206
9/4/2011 12:00	79.594	79.251	59.172	55.863	50.850	74.792	68.510	110.132	91.533	109.530	106.339	98.228	70.419	89.389	90.403	91.251
9/4/2011 15:00	79.621	79.275	59.157	55.866	50.853	74.807	68.543	110.159	91.557	109.566	106.366	98.249	70.444	89.407	90.415	91.281
9/4/2011 18:00	79.656	79.289	59.171	55.880	50.888	74.843	68.578	110.191	91.589	109.598	106.429	98.293	70.479	89.452	90.477	91.319
9/4/2011 21:00	79.686	79.319	59.183	55.868	50.900	74.873	68.599	110.236	91.622	109.637	106.450	98.323	70.491	89.482	90.498	91.340
9/5/2011 0:00	79.705	79.333	59.193	55.869	50.889	74.886	68.633	110.246	91.644	109.656	106.490	98.346	70.522	89.510	90.532	91.374
9/5/2011 3:00	79.729	79.359	59.183	55.877	50.918	74.915	68.650	110.284	91.670	109.674	106.528	98.372	70.530	89.536	90.555	91.394
9/5/2011 6:00	79.770	79.407	59.201	55.904	50.922	74.930	68.689	110.302	91.698	109.707	106.555	98.405	70.557	89.569	90.588	91.437
9/5/2011 9:00	79.798	79.431	59.207	55.922	50.928	74.957	68.716	110.329	91.725	109.734	106.582	98.432	70.593	89.584	90.631	91.464
9/5/2011 12:00	79.701	79.353	59.192	55.892	50.934	74.951	68.720	110.197	91.707	109.565	106.612	98.393	70.608	89.509	90.592	91.482
9/5/2011 15:00	79.576	79.216	59.202	55.900	50.929	74.958	68.706	110.015	91.630	109.347	106.646	98.298	70.615	89.372	90.533	91.516
9/5/2011 18:00	79.428	79.076	59.207	55.917	50.946	74.954	68.660	109.854	91.532	109.151	106.654	98.204	70.599	89.232	90.459	91.545
9/5/2011 21:00	79.299	78.938	59.234	55.923	50.961	74.948	68.602	109.686	91.436	108.976	106.672	98.077	70.584	89.091	90.360	91.569
9/6/2011 0:00	79.146	78.797	59.216	55.947	50.955	74.909	68.500	109.524	91.325	108.799	106.636	97.960	70.524	88.947	90.258	91.599
9/6/2011 3:00	79.021	78.678	59.212	55.910	50.957	74.869	68.403	109.375	91.216	108.638	106.626	97.845	70.487	88.813	90.167	91.604
9/6/2011 6:00	78.920	78.571	59.240	55.947	50.985	74.858	68.335	109.277	91.138	108.504	106.606	97.759	70.452	88.712	90.102	91.632
9/6/2011 9:00	78.829	78.480	59.251	55.949	50.996	74.833	68.274	109.162	91.035	108.386	106.560	97.670	70.391	88.615	90.037	91.664
9/6/2011 12:00	78.725	78.383	59.256	55.984	51.001	74.811	68.194	109.040	90.947	108.261	106.529	97.576	70.345	88.503	89.943	91.681
9/6/2011 15:00	78.607	78.267	59.246	55.965	51.000	74.765	68.091	108.916	90.856	108.131	106.468	97.464	70.281	88.384	89.855	91.659
9/6/2011 18:00	78.530	78.184	59.250	55.981	51.019	74.736	68.032	108.839	90.781	108.045	106.424	97.405	70.227	88.307	89.784	91.675
9/6/2011 21:00	78.476	78.131	59.287	56.009	51.059	74.727	67.991	108.770	90.746	107.970	106.376	97.354	70.204	88.260	89.736	91.691
9/7/2011 0:00	78.399	78.065	59.291	56.015	51.075	74.716	67.952	108.705	90.693	107.890	106.335	97.313	70.169	88.191	89.683	91.692
9/7/2011 3:00	78.331	77.982	59.301	56.014	51.064	74.690	67.878	108.610	90.610	107.801	106.282	97.224	70.116	88.111	89.618	91.693
9/7/2011 6:00	78.262	77.937	59.307	56.040	51.100	74.675	67.845	108.562	90.564	107.741	106.237	97.182	70.092	88.063	89.561	91.684
9/7/2011 9:00	78.207	77.868	59.319	56.046	51.106	74.648	67.794	108.477	90.516	107.674	106.186	97.124	70.040	87.997	89.512	91.687
9/7/2011 12:00	78.138	77.796	59.331	56.031	51.103	74.615	67.731	108.408	90.441	107.587	106.147	97.061	69.998	87.925	89.443	91.675
9/7/2011 15:00	78.057	77.715	59.313	56.044	51.082	74.573	67.659	108.324	90.378	107.500	106.066	96.980	69.956	87.835	89.371	91.660
9/7/2011 18:00	77.996	77.656	59.327	56.028	51.087	74.557	67.610	108.266	90.323	107.433	106.019	96.928	69.901	87.788	89.316	91.662
9/7/2011 21:00	77.962	77.619	59.341	56.053	51.122	74.541	67.572	108.217	90.274	107.387	105.970	96.891	69.864	87.751	89.276	91.643
9/8/2011 0:00	77.907	77.571	59.341	56.065	51.134	74.523	67.533	108.166	90.235	107.330	105.928	96.834	69.843	87.679	89.225	91.655
9/8/2011 3:00	77.839	77.499	59.347	56.057	51.128	74.493	67.473	108.106	90.175	107.251	105.883	96.786	69.804	87.631	89.168	91.622
9/8/2011 6:00	77.798	77.476														

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C	P114D	PBC004	SL023	UBC011	UBC021	UBC023	UBC025	UBC026	UBC027	UBC028AR	UBC031	UBC052	UBC054	UBC055	UBC056
	Depth to Water [ft BTOC]															
9/8/2011 21:00	77.577	77.231	59.389	56.090	51.179	74.366	67.230	107.835	89.937	106.975	105.612	96.524	69.597	87.348	88.903	91.550
9/9/2011 0:00	77.534	77.206	59.385	56.095	51.172	74.341	67.205	107.798	89.891	106.926	105.563	96.490	69.559	87.317	88.863	91.534
9/9/2011 3:00	77.495	77.164	59.394	56.104	51.184	74.329	67.163	107.756	89.870	106.890	105.521	96.460	69.538	87.281	88.827	91.534
9/9/2011 6:00	77.466	77.126	59.404	56.093	51.194	74.321	67.142	107.724	89.838	106.861	105.480	96.428	69.506	87.246	88.789	91.520
9/9/2011 9:00	77.451	77.117	59.416	56.105	51.215	74.300	67.121	107.693	89.811	106.827	105.456	96.401	69.488	87.222	88.768	91.483
9/9/2011 12:00	77.395	77.071	59.412	56.122	51.211	74.296	67.075	107.659	89.795	106.784	105.404	96.367	69.463	87.182	88.734	91.473
9/9/2011 15:00	77.352	77.036	59.401	56.111	51.197	74.264	67.043	107.615	89.730	106.728	105.372	96.332	69.440	87.141	88.690	91.450
9/9/2011 18:00	77.334	76.995	59.402	56.112	51.198	74.244	67.002	107.574	89.700	106.699	105.331	96.293	69.399	87.103	88.634	91.442
9/9/2011 21:00	77.319	76.998	59.432	56.154	51.243	74.253	66.981	107.562	89.700	106.699	105.301	96.305	69.390	87.106	88.633	91.439
9/10/2011 0:00	77.295	76.961	59.438	56.136	51.246	74.238	66.975	107.547	89.676	106.684	105.276	96.272	69.375	87.082	88.609	91.397
9/10/2011 3:00	77.264	76.915	59.422	56.144	51.221	74.213	66.941	107.489	89.639	106.641	105.245	96.238	69.350	87.047	88.560	91.384
9/10/2011 6:00	77.251	76.920	59.457	56.149	51.247	74.218	66.913	107.494	89.635	106.622	105.214	96.234	69.334	87.025	88.559	91.365
9/10/2011 9:00	77.240	76.909	59.455	56.165	51.257	74.216	66.911	107.480	89.612	106.605	105.170	96.214	69.320	87.008	88.533	91.360
9/10/2011 12:00	77.227	76.884	59.472	56.161	51.262	74.200	66.886	107.455	89.596	106.580	105.157	96.198	69.304	86.983	88.508	91.311
9/10/2011 15:00	77.203	76.860	59.454	56.161	51.241	74.167	66.853	107.455	89.554	106.601	105.115	96.165	69.274	86.959	88.472	91.314
9/10/2011 18:00	77.312	76.982	59.458	56.177	51.245	74.162	66.848	107.618	89.612	106.818	105.098	96.232	69.278	87.074	88.515	91.288
9/10/2011 21:00	77.495	77.150	59.491	56.192	51.281	74.210	66.914	107.820	89.729	107.068	105.104	96.367	69.292	87.252	88.629	91.288
9/11/2011 0:00	77.631	77.291	59.488	56.198	51.290	74.237	66.974	108.006	89.840	107.263	105.092	96.484	69.322	87.429	88.722	91.270
9/11/2011 3:00	77.767	77.433	59.486	56.199	51.288	74.247	67.059	108.154	89.953	107.430	105.102	96.594	69.363	87.550	88.796	91.271
9/11/2011 6:00	77.909	77.575	59.492	56.226	51.294	74.295	67.137	108.305	90.055	107.601	105.129	96.711	69.411	87.674	88.898	91.253
9/11/2011 9:00	78.042	77.711	59.514	56.205	51.307	74.338	67.243	108.477	90.179	107.761	105.163	96.835	69.454	87.816	89.016	91.253
9/11/2011 12:00	78.163	77.805	59.494	56.207	51.296	74.381	67.316	108.589	90.273	107.910	105.191	96.933	69.515	87.940	89.104	91.233
9/11/2011 15:00	78.262	77.904	59.496	56.206	51.295	74.410	67.388	108.694	90.342	108.014	105.250	97.031	69.577	88.024	89.160	91.224
9/11/2011 18:00	78.286	77.940	59.499	56.221	51.298	74.434	67.466	108.688	90.420	107.984	105.301	97.073	69.634	88.066	89.227	91.242
9/11/2011 21:00	78.257	77.915	59.516	56.247	51.306	74.484	67.537	108.633	90.428	107.893	105.336	97.084	69.672	88.017	89.232	91.244
9/12/2011 0:00	78.201	77.855	59.535	56.248	51.346	74.515	67.547	108.549	90.426	107.779	105.406	97.064	69.724	87.990	89.223	91.265
9/12/2011 3:00	78.120	77.780	59.523	56.257	51.325	74.503	67.523	108.441	90.375	107.662	105.437	97.001	69.752	87.897	89.190	91.287
9/12/2011 6:00	78.040	77.715	59.521	56.243	51.332	74.489	67.488	108.355	90.319	107.564	105.444	96.948	69.749	87.811	89.143	91.273
9/12/2011 9:00	77.991	77.651	59.526	56.269	51.349	74.497	67.493	108.309	90.293	107.491	105.470	96.916	69.757	87.777	89.115	91.299
9/12/2011 12:00	77.950	77.619	59.548	56.270	51.359	74.495	67.464	108.244	90.261	107.429	105.501	96.872	69.755	87.721	89.083	91.312
9/12/2011 15:00	77.877	77.538	59.524	56.240	51.329	74.465	67.422	108.163	90.192	107.327	105.471	96.800	69.738	87.643	89.029	91.318
9/12/2011 18:00	77.817	77.484	59.533	56.240	51.329	74.444	67.380	108.081	90.150	107.248	105.471	96.752	69.717	87.595	88.981	91.318
9/12/2011 21:00	77.803	77.479	59.564	56.271	51.360	74.466	67.390	108.070	90.130	107.231	105.472	96.753	69.717	87.568	88.982	91.349
9/13/2011 0:00	77.769	77.438	59.578	56.309	51.386	74.480	67.365	108.033	90.114	107.206	105.456	96.719	69.701	87.525	88.960	91.354
9/13/2011 3:00	77.710	77.376	59.558	56.286	51.375	74.439	67.312	107.968	90.061	107.135	105.445	96.678	69.669	87.472	88.907	91.355
9/13/2011 6:00	77.671	77.325	59.558	56.277	51.363	74.430	67.269	107.926	90.010	107.084	105.415	96.636	69.648	87.430	88.871	91.355
9/13/2011 9:00	77.646	77.327	59.578	56.297	51.386	74.429	67.271	107.895	90.000	107.056	105.393	96.629	69.626	87.408	88.849	91.363
9/13/2011 12:00	77.623	77.265	59.570	56.307	51.375	74.409	67.218	107.854	89.971	107.015	105.373	96.588	69.606	87.355	88.817	91.346
9/13/2011 15:00	77.565	77.228	59.558	56.291	51.359	74.381	67.181	107.796	89.922	106.978	105.348	96.539	69.569	87.318	88.777	91.345
9/13/2011 18:00	77.551	77.223	59.583	56.328	51.372	74.376	67.176	107.779	89.905	106.952	105.340	96.525	69.573	87.310	88.763	91.367
9/13/2011 21:00	77.546	77.203	59.605	56.317	51.397	74.389	67.177	107.770	89.897	106.934	105.322	96.529	69.556	87.299	88.760	91.377
9/14/2011 0:00	77.537	77.194	59.605	56.329	51.406	74.389	67.156	107.749	89.888	106.916	105.283	96.499	69.535	87.269	88.742	91.377
9/14/2011 3:00	77.494	77.152	59.593	56.317	51.403	74.365	67.111	107.707	89.855	106.883	105.271	96.475	69.511	87.251	88.718	91.356
9/14/2011 6:00	77.471	77.146	59.608	56.332	51.409	74.359	67.105	107.710	89.848	106.868	105.262	96.460	69.505	87.224	88.688	91.368
9/14/2011 9:00	77.480	77.134	59.613	56.329	51.418	74.356	67.093	107.686	89.836	106.865	105.241	96.459	69.514	87.218	88.688	91.335
9/14/2011 12:00	77.456	77.119	59.602	56.305	51.403	74.344	67.081	107.665	89.812	106.832	105.196	96.424	69.490	87.203	88.661	91.326
9/14/2011 15:00	77.435	77.083	59.611	56.320	51.418	74.329	67.075	107.659	89.795	106.814	105.193	96.418	69.484	87.179	88.643	91.332
9/14/2011 18:00	77.426	77.074	59.611	56.332	51.400	74.329	67.054	107.611	89.777	106.784	105.181	96.397	69.466	87.155	88.616	91.323
9/14/2011 21:00	77.411	77.078	59.627	56.336	51.425	74.333	67.058	107.618	89.780	106.791	105.173	96.392	69.458	87.156	88.620	91.315
9/15/2011 0:00	77.419	77.092	59.644	56.344	51.442	74.329	67.045	107.629	89.776	106.796	105.151	96.399	69.454	87.161	88.619	91.329
9/15/2011 3:00	77.412	77.066	59.648	56.357	51.444	74.321	67.046	107.621	89.768	106.788	105.134	96.392	69.467	87.150	88.617	91.315
9/15/2011 6:00	77.389	77.055	59.637	56.346	51.433	74.301	67.014	107.598	89.757	106.768	105.114	96.381	69.435	87.133	88.588	91.304
9/15/2011 9:00	77.406	77.064	59.643	56.364	51.429	74.307	67.023	107.607	89.766	106.765	105.108	96.377	69.444	87.130	88.588	91.310
9/15/2011 12:00	77.395	77.071	59.647	56.362	51.449	74.329	67.033	107.605	89.765	106.763	105.091	96.376	69.454	87.137	88.592	91.302
9/15/2011 15:00	77.386	77.046	59.634	56.328	51.424	74.292	67.008	107.571	89.731	106.738	105.054	96.351	69.438	87.106	88.564	91.301
9/15/2011 18:00	77.381	77.047	59.644	56.350	51.437	74.314	67.009	107.572	89.732	106.739	105.073	96.373	69.451	87.110	88.568	91.290
9/15/2011 21:00	77.401	77.059	59.671	56.347	51.455	74.314	67.009	107.581	89.749	106.760	105.061	96.372	69.448	87.131	88.565	91.272
9/16/2011 0:00	77.415	77.079	59.688	56.388	51.486	74.343	67.038	107.622	89.769	106.783	105.054	96.404	69.468	87.136	88.600	91.2

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C	P114D	PBC004	SL023	UBC011	UBC021	UBC023	UBC025	UBC026	UBC027	UBC028AR	UBC031	UBC052	UBC054	UBC055	UBC056
	Depth to Water [ft BTOC]															
9/16/2011 18:00	77.466	77.132	59.729	56.442	51.519	74.375	67.070	107.631	89.805	106.803	105.059	96.446	69.533	87.171	88.630	91.255
9/16/2011 21:00	77.474	77.140	59.746	56.447	51.539	74.380	67.075	107.653	89.843	106.811	105.055	96.454	69.538	87.188	88.640	91.269
9/17/2011 0:00	77.479	77.157	59.760	56.476	51.556	74.400	67.095	107.650	89.839	106.828	105.051	96.471	69.546	87.208	88.646	91.280
9/17/2011 3:00	77.481	77.153	59.762	56.460	51.540	74.394	67.097	107.646	89.835	106.822	105.056	96.473	69.552	87.186	88.636	91.276
9/17/2011 6:00	77.486	77.134	59.734	56.474	51.545	74.386	67.102	107.648	89.846	106.824	105.058	96.487	69.544	87.191	88.632	91.242
9/17/2011 9:00	77.496	77.135	59.753	56.463	51.552	74.396	67.091	107.657	89.835	106.827	105.068	96.488	69.554	87.198	88.635	91.252
9/17/2011 12:00	77.490	77.138	59.759	56.457	51.567	74.390	67.094	107.639	89.850	106.830	105.062	96.491	69.569	87.201	88.638	91.258
9/17/2011 15:00	77.490	77.141	59.765	56.460	51.552	74.394	67.088	107.649	89.853	106.822	105.047	96.494	69.561	87.201	88.636	91.252
9/17/2011 18:00	77.474	77.143	59.767	56.462	51.554	74.396	67.090	107.648	89.837	106.815	105.049	96.496	69.563	87.200	88.620	91.245
9/17/2011 21:00	77.504	77.161	59.782	56.468	51.572	74.401	67.117	107.663	89.864	106.832	105.055	96.493	69.580	87.209	88.650	91.260
9/18/2011 0:00	77.513	77.149	59.794	56.489	51.590	74.422	67.117	107.660	89.852	106.841	105.055	96.493	69.593	87.209	88.650	91.248
9/18/2011 3:00	77.515	77.175	59.796	56.494	51.574	74.427	67.122	107.662	89.878	106.834	105.078	96.507	69.586	87.211	88.652	91.262
9/18/2011 6:00	77.499	77.156	59.789	56.475	51.576	74.417	67.103	107.658	89.868	106.827	105.059	96.500	69.575	87.204	88.635	91.255
9/18/2011 9:00	77.506	77.163	59.805	56.500	51.583	74.424	67.119	107.652	89.863	106.843	105.057	96.507	69.591	87.202	88.642	91.280
9/18/2011 12:00	77.506	77.151	59.805	56.503	51.592	74.424	67.119	107.661	89.866	106.834	105.057	96.498	69.594	87.211	88.633	91.259
9/18/2011 15:00	77.490	77.138	59.783	56.478	51.570	74.402	67.097	107.658	89.853	106.809	105.032	96.482	69.600	87.186	88.618	91.228
9/18/2011 18:00	77.469	77.147	59.792	56.499	51.579	74.400	67.094	107.652	89.841	106.797	105.041	96.491	69.588	87.183	88.624	91.249
9/18/2011 21:00	77.493	77.150	59.816	56.490	51.591	74.423	67.106	107.664	89.853	106.821	105.053	96.494	69.591	87.198	88.629	91.258
9/19/2011 0:00	77.493	77.141	59.810	56.493	51.594	74.418	67.112	107.652	89.835	106.813	105.047	96.485	69.585	87.189	88.621	91.276
9/19/2011 3:00	77.476	77.136	59.818	56.518	51.589	74.422	67.105	107.656	89.839	106.805	105.042	96.477	69.577	87.181	88.610	91.250
9/19/2011 6:00	77.481	77.153	59.822	56.514	51.606	74.418	67.100	107.652	89.835	106.804	105.047	96.476	69.585	87.189	88.618	91.267
9/19/2011 9:00	77.481	77.141	59.822	56.514	51.606	74.418	67.100	107.637	89.835	106.804	105.038	96.455	69.585	87.177	88.618	91.255
9/19/2011 12:00	77.457	77.138	59.823	56.523	51.591	74.403	67.089	107.625	89.823	106.789	105.044	96.461	69.582	87.174	88.600	91.246
9/19/2011 15:00	77.439	77.105	59.814	56.511	51.588	74.382	67.068	107.592	89.799	106.765	105.032	96.446	69.579	87.147	88.582	91.246
9/19/2011 18:00	77.445	77.099	59.841	56.505	51.594	74.397	67.083	107.607	89.814	106.768	105.026	96.440	69.564	87.141	88.585	91.252
9/19/2011 21:00	77.422	77.094	59.824	56.500	51.589	74.392	67.066	107.596	89.788	106.763	105.021	96.435	69.559	87.151	88.562	91.280
9/20/2011 0:00	77.423	77.089	59.828	56.525	51.603	74.396	67.070	107.594	89.792	106.758	105.013	96.430	69.563	87.134	88.566	91.285
9/20/2011 3:00	77.433	77.099	59.841	56.544	51.604	74.397	67.062	107.595	89.793	106.747	105.015	96.428	69.552	87.141	88.564	91.286
9/20/2011 6:00	77.420	77.095	59.849	56.543	51.612	74.393	67.070	107.594	89.789	106.746	105.001	96.436	69.572	87.137	88.563	91.285
9/20/2011 9:00	77.428	77.100	59.851	56.548	51.616	74.386	67.063	107.581	89.794	106.751	104.997	96.432	69.565	87.130	88.553	91.229
9/20/2011 12:00	77.428	77.088	59.839	56.551	51.625	74.395	67.060	107.584	89.794	106.739	104.994	96.432	69.583	87.124	88.550	91.250
9/20/2011 15:00	77.418	77.072	59.847	56.529	51.610	74.379	67.044	107.574	89.787	106.732	104.987	96.413	69.567	87.114	88.540	91.271
9/20/2011 18:00	77.413	77.088	59.851	56.545	51.635	74.407	67.060	107.578	89.791	106.727	104.994	96.420	69.583	87.133	88.535	91.241
9/20/2011 21:00	77.413	77.085	59.857	56.560	51.632	74.401	67.057	107.569	89.779	106.733	104.970	96.426	69.568	87.118	88.544	91.280
9/21/2011 0:00	77.419	77.079	59.875	56.587	51.626	74.407	67.063	107.566	89.794	106.730	104.976	96.423	69.565	87.124	88.541	91.241
9/21/2011 3:00	77.414	77.077	59.870	56.585	51.645	74.417	67.061	107.579	89.792	106.737	104.983	96.430	69.584	87.131	88.545	91.239
9/21/2011 6:00	77.405	77.086	59.879	56.594	51.651	74.414	67.058	107.573	89.789	106.716	104.983	96.427	69.572	87.131	88.536	91.248
9/21/2011 9:00	77.412	77.069	59.880	56.598	51.658	74.418	67.053	107.577	89.784	106.720	104.966	96.413	69.576	87.144	88.543	91.240
9/21/2011 12:00	77.395	77.058	59.860	56.587	51.656	74.395	67.039	107.563	89.770	106.706	104.973	96.420	69.583	87.112	88.526	91.241
9/21/2011 15:00	77.365	77.019	59.857	56.561	51.626	74.368	67.024	107.527	89.743	106.679	104.952	96.381	69.568	87.082	88.496	91.227
9/21/2011 18:00	77.384	77.047	59.885	56.598	51.645	74.387	67.040	107.543	89.750	106.686	104.953	96.388	69.554	87.098	88.515	91.279
9/21/2011 21:00	77.392	77.049	59.890	56.578	51.665	74.398	67.051	107.554	89.785	106.700	104.955	96.414	69.577	87.106	88.517	91.274
9/22/2011 0:00	77.370	77.027	59.892	56.598	51.664	74.385	67.041	107.532	89.772	106.678	104.954	96.392	69.564	87.105	88.504	91.273
9/22/2011 3:00	77.370	77.039	59.892	56.592	51.676	74.397	67.029	107.544	89.772	106.675	104.951	96.401	69.564	87.105	88.495	91.273
9/22/2011 6:00	77.380	77.037	59.911	56.596	51.677	74.407	67.039	107.554	89.773	106.678	104.934	96.402	69.565	87.103	88.496	91.262
9/22/2011 9:00	77.391	77.057	59.919	56.607	51.694	74.415	67.037	107.550	89.772	106.689	104.942	96.410	69.573	87.105	88.506	91.246
9/22/2011 12:00	77.371	77.046	59.917	56.614	51.670	74.392	67.035	107.538	89.770	106.666	104.931	96.399	69.580	87.094	88.486	91.265
9/22/2011 15:00	77.333	77.011	59.888	56.591	51.648	74.360	67.004	107.495	89.735	106.641	104.896	96.364	69.557	87.047	88.458	91.248
9/22/2011 18:00	77.337	77.006	59.904	56.598	51.664	74.376	67.020	107.502	89.742	106.636	104.903	96.368	69.552	87.063	88.462	91.231
9/22/2011 21:00	77.339	77.005	59.912	56.624	51.672	74.363	67.019	107.510	89.741	106.646	104.890	96.370	69.563	87.062	88.464	91.251
9/23/2011 0:00	77.340	76.988	59.919	56.601	51.676	74.367	67.023	107.493	89.733	106.629	104.894	96.383	69.567	87.054	88.456	91.268
9/23/2011 3:00	77.315	76.975	59.909	56.595	51.663	74.345	66.989	107.483	89.720	106.626	104.893	96.358	69.554	87.041	88.437	91.249
9/23/2011 6:00	77.312	76.975	59.897	56.592	51.663	74.354	66.989	107.471	89.708	106.614	104.875	96.346	69.533	87.035	88.431	91.237
9/23/2011 9:00	77.294	76.954	59.876	56.583	51.642	74.336	66.959	107.450	89.678	106.584	104.866	96.316	69.524	86.999	88.398	91.228
9/23/2011 12:00	77.231	76.918	59.825	56.547	51.597	74.288	66.920	107.402	89.633	106.529	104.845	96.271	69.497	86.945	88.337	91.219
9/23/2011 15:00	77.229	76.871	59.802	56.521	51.580	74.262	66.894	107.355	89.595	106.501	104.813	96.242	69.471	86.934	88.324	91.253
9/23/2011 18:00	77.221	76.863	59.815	56.522	51.581	74.263	66.898	107.368	89.608	106.514	104.817	96.246	69.463	86.926	88.325	91.245
9/23/2011 21:00	77.223	76.883	59.835	56.533	51.601	74.283	66.906	107.376	89.616	106.512	104.789	96.245	69.450	86.937	88.32	

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C Depth to Water [ft BTOC]	P114D Depth to Water [ft BTOC]	PBC004 Depth to Water [ft BTOC]	SL023 Depth to Water [ft BTOC]	UBC011 Depth to Water [ft BTOC]	UBC021 Depth to Water [ft BTOC]	UBC023 Depth to Water [ft BTOC]	UBC025 Depth to Water [ft BTOC]	UBC026 Depth to Water [ft BTOC]	UBC027 Depth to Water [ft BTOC]	UBC028AR Depth to Water [ft BTOC]	UBC031 Depth to Water [ft BTOC]	UBC052 Depth to Water [ft BTOC]	UBC054 Depth to Water [ft BTOC]	UBC055 Depth to Water [ft BTOC]	UBC056 Depth to Water [ft BTOC]
9/24/2011 15:00	77.150	76.807	59.813	56.529	51.579	74.240	66.842	107.312	89.552	106.439	104.734	96.181	69.395	86.873	88.257	91.174
9/24/2011 18:00	77.149	76.815	59.806	56.525	51.593	74.233	66.847	107.317	89.548	106.435	104.718	96.168	69.391	86.872	88.264	91.167
9/24/2011 21:00	77.163	76.826	59.829	56.548	51.628	74.256	66.848	107.318	89.562	106.455	104.729	96.191	69.396	86.886	88.272	91.178
9/25/2011 0:00	77.159	76.810	59.834	56.532	51.612	74.237	66.832	107.314	89.546	106.430	104.713	96.166	69.371	86.873	88.259	91.183
9/25/2011 3:00	77.132	76.795	59.840	56.547	51.606	74.246	66.826	107.275	89.540	106.418	104.728	96.169	69.383	86.864	88.250	91.168
9/25/2011 6:00	77.115	76.787	59.829	56.548	51.607	74.232	66.806	107.288	89.520	106.401	104.708	96.152	69.363	86.856	88.236	91.178
9/25/2011 9:00	77.122	76.782	59.842	56.554	51.623	74.248	66.810	107.292	89.536	106.417	104.715	96.159	69.346	86.845	88.234	91.169
9/25/2011 12:00	77.130	76.781	59.844	56.575	51.634	74.250	66.821	107.270	89.523	106.404	104.702	96.158	69.357	86.844	88.230	91.159
9/25/2011 15:00	77.082	76.745	59.823	56.539	51.598	74.202	66.776	107.237	89.490	106.359	104.678	96.110	69.357	86.814	88.191	91.163
9/25/2011 18:00	77.060	76.720	59.816	56.556	51.603	74.207	66.760	107.233	89.465	106.349	104.674	96.106	69.332	86.801	88.190	91.156
9/25/2011 21:00	76.968	76.632	59.707	56.443	51.545	74.136	66.660	107.151	89.406	106.261	104.649	96.002	69.279	86.709	88.087	91.142
9/26/2011 0:00	76.951	76.615	59.669	56.393	51.537	74.098	66.643	107.125	89.368	106.241	104.611	95.994	69.241	86.692	88.076	91.128
9/26/2011 3:00	76.916	76.586	59.685	56.397	51.520	74.069	66.623	107.096	89.339	106.221	104.582	95.965	69.206	86.666	88.050	91.111
9/26/2011 6:00	76.912	76.572	59.702	56.426	51.528	74.077	66.619	107.092	89.326	106.208	104.566	95.952	69.190	86.653	88.049	91.116
9/26/2011 9:00	76.905	76.574	59.713	56.437	51.539	74.076	66.621	107.094	89.325	106.210	104.556	95.945	69.168	86.643	88.042	91.106
9/26/2011 12:00	76.894	76.557	59.705	56.420	51.531	74.071	66.613	107.092	89.320	106.193	104.539	95.937	69.175	86.647	88.043	91.098
9/26/2011 15:00	76.870	76.534	59.696	56.439	51.510	74.047	66.601	107.059	89.281	106.172	104.527	95.904	69.142	86.602	88.007	91.077
9/26/2011 18:00	76.847	76.504	59.706	56.418	51.520	74.039	66.581	107.027	89.258	106.140	104.510	95.896	69.122	86.588	87.996	91.078
9/26/2011 21:00	76.829	76.519	59.703	56.424	51.538	74.045	66.557	107.024	89.246	106.131	104.504	95.872	69.095	86.579	87.987	91.042
9/27/2011 0:00	76.819	76.497	59.702	56.402	51.525	74.044	66.556	107.008	89.236	106.130	104.482	95.850	69.085	86.569	87.977	91.041
9/27/2011 3:00	76.788	76.466	59.692	56.423	51.515	74.022	66.534	106.974	89.214	106.102	104.469	95.819	69.063	86.547	87.955	91.040
9/27/2011 6:00	76.747	76.443	59.675	56.387	51.510	74.008	66.499	106.957	89.191	106.060	104.458	95.787	69.028	86.506	87.917	91.014
9/27/2011 9:00	76.748	76.432	59.685	56.409	51.532	74.018	66.500	106.940	89.168	106.064	104.437	95.797	68.996	86.510	87.921	91.021
9/27/2011 12:00	76.725	76.418	59.680	56.404	51.527	74.016	66.495	106.941	89.166	106.050	104.423	95.774	68.994	86.505	87.916	91.019
9/27/2011 15:00	76.687	76.374	59.660	56.394	51.492	73.969	66.439	106.897	89.122	105.995	104.410	95.736	68.959	86.428	87.869	90.999
9/27/2011 18:00	76.678	76.371	59.669	56.412	51.522	73.969	66.439	106.879	89.110	105.988	104.407	95.727	68.947	86.446	87.857	91.020
9/27/2011 21:00	76.685	76.348	59.676	56.385	51.529	73.985	66.434	106.886	89.105	106.004	104.401	95.731	68.933	86.423	87.858	91.012
9/28/2011 0:00	76.673	76.354	59.679	56.391	51.535	74.000	66.419	106.877	89.102	105.992	104.389	95.728	68.918	86.432	87.855	90.997
9/28/2011 3:00	76.636	76.317	59.666	56.387	51.528	73.963	66.382	106.840	89.065	105.949	104.373	95.682	68.890	86.404	87.827	90.981
9/28/2011 6:00	76.603	76.281	59.657	56.360	51.513	73.960	66.355	106.794	89.038	105.916	104.355	95.646	68.875	86.371	87.787	90.975
9/28/2011 9:00	76.590	76.265	59.653	56.356	51.509	73.944	66.341	106.796	89.013	105.918	104.336	95.633	68.850	86.358	87.783	90.968
9/28/2011 12:00	76.578	76.256	59.644	56.356	51.530	73.944	66.329	106.787	89.013	105.900	104.315	95.612	68.841	86.358	87.774	90.959
9/28/2011 15:00	76.539	76.226	59.629	56.351	51.503	73.917	66.294	106.739	88.974	105.861	104.276	95.594	68.802	86.316	87.732	90.944
9/28/2011 18:00	76.522	76.200	59.645	56.355	51.507	73.909	66.286	106.743	88.957	105.847	104.286	95.568	68.797	86.302	87.727	90.939
9/28/2011 21:00	76.520	76.195	59.628	56.359	51.502	73.916	66.271	106.738	88.955	105.857	104.263	95.554	68.780	86.288	87.707	90.943
9/29/2011 0:00	76.501	76.186	59.649	56.358	51.523	73.907	66.271	106.726	88.955	105.824	104.251	95.554	68.780	86.279	87.719	90.931
9/29/2011 3:00	76.478	76.174	59.637	56.359	51.499	73.895	66.259	106.693	88.922	105.806	104.251	95.533	68.768	86.246	87.686	90.919
9/29/2011 6:00	76.457	76.151	59.620	56.344	51.506	73.881	66.224	106.664	88.896	105.783	104.225	95.510	68.733	86.226	87.666	90.914
9/29/2011 9:00	76.441	76.120	59.631	56.355	51.508	73.859	66.202	106.654	88.897	105.782	104.218	95.502	68.725	86.228	87.650	90.904
9/29/2011 12:00	76.436	76.127	59.638	56.359	51.524	73.854	66.209	106.655	88.893	105.771	104.213	95.507	68.708	86.223	87.645	90.911
9/29/2011 15:00	76.397	76.090	59.628	56.368	51.490	73.832	66.175	106.615	88.859	105.734	104.188	95.461	68.696	86.177	87.605	90.889
9/29/2011 18:00	76.397	76.070	59.617	56.345	51.488	73.821	66.152	106.610	88.836	105.723	104.165	95.438	68.685	86.154	87.585	90.878
9/29/2011 21:00	76.382	76.073	59.638	56.348	51.521	73.821	66.143	106.589	88.838	105.702	104.168	95.431	68.666	86.160	87.594	90.845
9/30/2011 0:00	76.387	76.057	59.622	56.353	51.517	73.826	66.148	106.594	88.822	105.704	104.125	95.427	68.650	86.146	87.581	90.826
9/30/2011 3:00	76.363	76.045	59.631	56.362	51.514	73.814	66.127	106.573	88.810	105.680	104.131	95.415	68.647	86.123	87.557	90.838
9/30/2011 6:00	76.336	76.012	59.622	56.341	51.505	73.793	66.106	106.561	88.780	105.671	104.119	95.394	68.638	86.101	87.548	90.817
9/30/2011 9:00	76.318	76.005	59.622	56.344	51.505	73.784	66.097	106.543	88.771	105.635	104.101	95.376	68.617	86.095	87.521	90.805
9/30/2011 12:00	76.290	75.948	59.612	56.340	51.480	73.771	66.084	106.509	88.746	105.589	104.076	95.339	68.595	86.059	87.502	90.807
9/30/2011 15:00	76.256	75.929	59.596	56.312	51.473	73.752	66.044	106.490	88.707	105.579	104.069	95.321	68.577	86.046	87.465	90.794
9/30/2011 18:00	76.253	75.926	59.590	56.306	51.467	73.746	66.029	106.475	88.701	105.573	104.051	95.315	68.559	86.031	87.453	90.797
9/30/2011 21:00	76.267	75.930	59.601	56.341	51.502	73.763	66.052	106.489	88.717	105.593	104.029	95.334	68.554	86.053	87.479	90.796
10/1/2011 0:00	76.268	75.937	59.626	56.369	51.521	73.779	66.050	106.484	88.733	105.591	104.045	95.332	68.561	86.060	87.474	90.788
10/1/2011 3:00	76.258	75.918	59.628	56.359	51.511	73.769	66.031	106.474	88.711	105.575	104.026	95.325	68.551	86.044	87.458	90.757
10/1/2011 6:00	76.249	75.924	59.631	56.364	51.532	73.766	66.037	106.480	88.711	105.586	104.010	95.322	68.569	86.053	87.470	90.769
10/1/2011 9:00	76.239	75.911	59.636	56.360	51.525	73.762	66.033	106.460	88.710	105.561	104.009	95.312	68.553	86.043	87.453	90.753
10/1/2011 12:00	76.244	75.895	59.632	56.356	51.524	73.746	66.005	106.450	88.679	105.554	103.993	95.305	68.558	86.027	87.428	90.737
10/1/2011 15:00	76.217	75.868	59.635	56.350	51.515	73.719	65.999	106.432	88.661	105.527	103.966	95.278	68.522	85.991	87.410	90.722
10/1/2011 18:00	76.226	75.884	59.648	56.354	51.531	73.744	65.990	106.442	88.674	105.534	103.970	95.285	68.535	86.007	87.411	90.719
10/1/2011 21:00	76.224	75.891	59.640													

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C Depth to Water [ft BTOC]	P114D Depth to Water [ft BTOC]	PBC004 Depth to Water [ft BTOC]	SL023 Depth to Water [ft BTOC]	UBC011 Depth to Water [ft BTOC]	UBC021 Depth to Water [ft BTOC]	UBC023 Depth to Water [ft BTOC]	UBC025 Depth to Water [ft BTOC]	UBC026 Depth to Water [ft BTOC]	UBC027 Depth to Water [ft BTOC]	UBC028AR Depth to Water [ft BTOC]	UBC031 Depth to Water [ft BTOC]	UBC052 Depth to Water [ft BTOC]	UBC054 Depth to Water [ft BTOC]	UBC055 Depth to Water [ft BTOC]	UBC056 Depth to Water [ft BTOC]
10/2/2011 12:00	76.166	75.814	59.645	56.354	51.521	73.713	65.942	106.376	88.616	105.468	103.919	95.218	68.495	85.946	87.357	90.683
10/2/2011 15:00	76.129	75.780	59.635	56.365	51.500	73.691	65.908	106.336	88.591	105.434	103.897	95.193	68.474	85.922	87.323	90.652
10/2/2011 18:00	76.117	75.780	59.641	56.371	51.506	73.676	65.893	106.339	88.579	105.431	103.882	95.190	68.449	85.909	87.311	90.646
10/2/2011 21:00	76.124	75.769	59.650	56.372	51.530	73.677	65.915	106.340	88.571	105.435	103.874	95.185	68.450	85.913	87.300	90.635
10/3/2011 0:00	76.121	75.784	59.665	56.375	51.533	73.692	65.909	106.343	88.586	105.440	103.880	95.182	68.444	85.922	87.309	90.638
10/3/2011 3:00	76.106	75.766	59.653	56.399	51.524	73.683	65.891	106.334	88.568	105.422	103.862	95.164	68.426	85.913	87.303	90.638
10/3/2011 6:00	76.109	75.766	59.674	56.399	51.545	73.683	65.891	106.334	88.568	105.404	103.861	95.167	68.435	85.916	87.303	90.647
10/3/2011 9:00	76.100	75.754	59.668	56.408	51.545	73.680	65.879	106.321	88.565	105.404	103.849	95.155	68.432	85.907	87.290	90.653
10/3/2011 12:00	76.058	75.721	59.659	56.363	51.521	73.659	65.867	106.288	88.532	105.383	103.831	95.122	68.399	85.862	87.251	90.632
10/3/2011 15:00	76.046	75.697	59.656	56.369	51.506	73.632	65.840	106.274	88.496	105.344	103.823	95.104	68.396	85.835	87.231	90.608
10/3/2011 18:00	76.042	75.690	59.649	56.374	51.511	73.616	65.824	106.251	88.489	105.346	103.806	95.091	68.368	85.822	87.217	90.601
10/3/2011 21:00	76.048	75.694	59.659	56.387	51.533	73.641	65.824	106.258	88.502	105.344	103.807	95.113	68.381	85.835	87.224	90.611
10/4/2011 0:00	76.032	75.696	59.679	56.398	51.535	73.619	65.814	106.257	88.504	105.355	103.788	95.085	68.383	85.828	87.223	90.598
10/4/2011 3:00	76.020	75.693	59.676	56.404	51.541	73.646	65.811	106.254	88.501	105.349	103.773	95.082	68.368	85.825	87.205	90.610
10/4/2011 6:00	76.023	75.693	59.697	56.425	51.541	73.625	65.811	106.263	88.489	105.349	103.776	95.094	68.356	85.828	87.211	90.579
10/4/2011 9:00	76.013	75.667	59.690	56.399	51.549	73.620	65.807	106.241	88.475	105.321	103.763	95.071	68.354	85.818	87.207	90.572
10/4/2011 12:00	75.983	75.649	59.681	56.390	51.540	73.603	65.768	106.232	88.466	105.312	103.751	95.050	68.346	85.797	87.171	90.572
10/4/2011 15:00	75.974	75.614	59.672	56.379	51.504	73.591	65.753	106.187	88.443	105.267	103.739	95.018	68.322	85.782	87.138	90.564
10/4/2011 18:00	75.958	75.604	59.674	56.390	51.518	73.581	65.737	106.189	88.436	105.278	103.729	95.020	68.312	85.763	87.131	90.541
10/4/2011 21:00	75.978	75.614	59.682	56.419	51.526	73.580	65.754	106.197	88.443	105.286	103.722	95.027	68.323	85.774	87.145	90.543
10/5/2011 0:00	75.974	75.607	59.684	56.412	51.540	73.594	65.759	106.190	88.427	105.273	103.712	95.023	68.315	85.769	87.138	90.572
10/5/2011 3:00	75.963	75.611	59.697	56.404	51.520	73.582	65.739	106.182	88.416	105.265	103.707	95.012	68.304	85.770	87.130	90.567
10/5/2011 6:00	75.969	75.632	59.694	56.434	51.541	73.582	65.739	106.191	88.428	105.268	103.695	95.024	68.304	85.761	87.127	90.549
10/5/2011 9:00	75.955	75.615	59.698	56.419	51.536	73.577	65.731	106.186	88.423	105.269	103.678	95.019	68.299	85.768	87.125	90.553
10/5/2011 12:00	75.933	75.596	59.691	56.422	51.517	73.558	65.715	106.167	88.404	105.250	103.671	94.982	68.280	85.737	87.094	90.543
10/5/2011 15:00	75.900	75.566	59.664	56.413	51.490	73.532	65.685	106.140	88.374	105.202	103.650	94.949	68.253	85.707	87.067	90.543
10/5/2011 18:00	75.900	75.566	59.676	56.413	51.499	73.532	65.676	106.140	88.365	105.202	103.620	94.961	68.253	85.707	87.076	90.543
10/5/2011 21:00	75.921	75.584	59.703	56.431	51.526	73.537	65.691	106.146	88.380	105.220	103.635	94.967	68.259	85.725	87.088	90.525
10/6/2011 0:00	75.927	75.578	59.706	56.425	51.520	73.540	65.697	106.140	88.386	105.226	103.644	94.973	68.253	85.719	87.076	90.519
10/6/2011 3:00	75.914	75.574	59.702	56.430	51.516	73.539	65.681	106.136	88.382	105.231	103.628	94.969	68.249	85.718	87.075	90.524
10/6/2011 6:00	75.912	75.569	59.709	56.427	51.523	73.546	65.688	106.152	88.380	105.228	103.607	94.979	68.235	85.707	87.073	90.510
10/6/2011 9:00	75.927	75.584	59.718	56.439	51.526	73.546	65.691	106.155	88.392	105.240	103.619	94.982	68.259	85.713	87.091	90.498
10/6/2011 12:00	75.901	75.558	59.713	56.425	51.521	73.532	65.674	106.138	88.366	105.217	103.593	94.965	68.242	85.705	87.074	90.493
10/6/2011 15:00	75.874	75.537	59.683	56.423	51.497	73.520	65.641	106.105	88.342	105.193	103.587	94.932	68.221	85.690	87.038	90.451
10/6/2011 18:00	75.887	75.556	59.702	56.421	51.501	73.509	65.651	106.115	88.352	105.203	103.576	94.942	68.219	85.691	87.057	90.449
10/6/2011 21:00	75.908	75.577	59.711	56.453	51.534	73.539	65.672	106.127	88.376	105.233	103.582	94.975	68.240	85.706	87.074	90.467
10/7/2011 0:00	75.905	75.565	59.717	56.459	51.516	73.524	65.669	106.121	88.361	105.227	103.588	94.963	68.237	85.700	87.062	90.452
10/7/2011 3:00	75.901	75.570	59.713	56.446	51.512	73.520	65.665	106.129	88.366	105.217	103.584	94.959	68.242	85.696	87.049	90.436
10/7/2011 6:00	75.918	75.575	59.727	56.448	51.505	73.525	65.667	106.121	88.371	105.234	103.586	94.964	68.226	85.713	87.066	90.450
10/7/2011 9:00	75.938	75.605	59.739	56.475	51.513	73.528	65.684	106.157	88.386	105.261	103.571	94.991	68.241	85.722	87.078	90.453
10/7/2011 12:00	75.926	75.604	59.744	56.456	51.506	73.533	65.687	106.150	88.388	105.242	103.573	94.972	68.255	85.733	87.074	90.446
10/7/2011 15:00	75.904	75.573	59.713	56.437	51.494	73.511	65.644	106.129	88.357	105.211	103.563	94.959	68.233	85.699	87.052	90.427
10/7/2011 18:00	75.922	75.609	59.740	56.473	51.509	73.517	65.680	106.144	88.372	105.247	103.575	94.965	68.239	85.717	87.070	90.442
10/7/2011 21:00	75.939	75.606	59.746	56.470	51.517	73.535	65.689	106.161	88.381	105.244	103.563	94.986	68.236	85.735	87.079	90.415
10/8/2011 0:00	75.937	75.603	59.743	56.458	51.505	73.544	65.686	106.161	88.399	105.253	103.575	94.992	68.245	85.723	87.082	90.424
10/8/2011 3:00	75.932	75.607	59.738	56.471	51.506	73.515	65.671	106.165	88.394	105.248	103.570	94.987	68.261	85.718	87.071	90.416
10/8/2011 6:00	75.956	75.631	59.750	56.462	51.512	73.539	65.692	106.177	88.406	105.281	103.567	95.011	68.261	85.751	87.086	90.415
10/8/2011 9:00	75.967	75.642	59.758	56.443	51.514	73.541	65.703	106.176	88.417	105.289	103.572	95.022	68.263	85.753	87.100	90.414
10/8/2011 12:00	75.966	75.633	59.761	56.464	51.523	73.532	65.694	106.179	88.420	105.283	103.572	95.013	68.275	85.762	87.082	90.417
10/8/2011 15:00	75.956	75.628	59.750	56.441	51.477	73.527	65.690	106.166	88.394	105.281	103.558	94.993	68.270	85.742	87.083	90.410
10/8/2011 18:00	75.973	75.633	59.758	56.458	51.494	73.523	65.698	106.183	88.420	105.292	103.563	95.019	68.275	85.759	87.085	90.415
10/8/2011 21:00	75.976	75.636	59.749	56.470	51.497	73.526	65.722	106.186	88.423	105.295	103.557	95.022	68.278	85.753	87.094	90.418
10/9/2011 0:00	75.975	75.647	59.751	56.460	51.499	73.525	65.721	106.185	88.422	105.304	103.556	95.033	68.280	85.752	87.100	90.408
10/9/2011 3:00	75.962	75.646	59.741	56.459	51.486	73.515	65.720	106.184	88.421	105.303	103.567	95.020	68.279	85.769	87.096	90.410
10/9/2011 6:00	75.984	75.665	59.766	56.463	51.481	73.528	65.724	106.209	88.437	105.307	103.571	95.033	68.292	85.773	87.109	90.402
10/9/2011 9:00	76.002	75.683	59.763	56.460	51.508	73.537	65.733	106.218	88.443	105.343	103.553	95.051	68.301	85.779	87.112	90.399
10/9/2011 12:00	76.018	75.687	59.773	56.471	51.509	73.556	65.731	106.228	88.462	105.341	103.575	95.061	68.308	85.798	87.137	90.400
10/9/2011 15:00	76.006	75.669	59.748	56.473	51.469	73.516	65.724	106.209	88.443	105.319	103.566	95.039	68.292	85.786	87.106	90.396
10/9/2011 18:00	76.011	75.687	59.745													

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C	P114D	PBC004	SL023	UBC011	UBC021	UBC023	UBC025	UBC026	UBC027	UBC028AR	UBC031	UBC052	UBC054	UBC055	UBC056
	Depth to Water [ft BTOC]															
10/10/2011 9:00	76.061	75.719	59.748	56.448	51.462	73.525	65.750	106.256	88.482	105.381	103.583	95.072	68.319	85.821	87.141	90.386
10/10/2011 12:00	76.064	75.742	59.753	56.462	51.455	73.518	65.777	106.271	88.493	105.392	103.585	95.092	68.330	85.823	87.149	90.358
10/10/2011 15:00	76.147	75.810	59.749	56.443	51.436	73.520	65.767	106.402	88.528	105.572	103.599	95.130	68.335	85.918	87.170	90.379
10/10/2011 18:00	76.299	75.954	59.739	56.430	51.426	73.528	65.808	106.609	88.608	105.800	103.598	95.232	68.334	86.074	87.262	90.378
10/10/2011 21:00	76.474	76.134	59.739	56.430	51.435	73.561	65.871	106.792	88.723	106.019	103.607	95.370	68.364	86.221	87.382	90.353
10/11/2011 0:00	76.630	76.285	59.736	56.415	51.420	73.609	65.961	106.985	88.840	106.242	103.634	95.505	68.400	86.411	87.502	90.375
10/11/2011 3:00	76.776	76.448	59.728	56.398	51.412	73.631	66.059	107.142	88.977	106.423	103.675	95.636	68.444	86.535	87.603	90.367
10/11/2011 6:00	76.931	76.595	59.730	56.430	51.411	73.663	66.163	107.322	89.093	106.624	103.728	95.767	68.509	86.694	87.716	90.357
10/11/2011 9:00	77.089	76.743	59.734	56.434	51.406	73.719	66.272	107.506	89.229	106.796	103.774	95.900	68.573	86.854	87.840	90.373
10/11/2011 12:00	77.220	76.880	59.739	56.427	51.411	73.778	66.383	107.655	89.348	106.952	103.851	96.014	68.653	86.994	87.963	90.378
10/11/2011 15:00	77.335	76.999	59.725	56.414	51.404	73.803	66.471	107.768	89.446	107.094	103.936	96.126	68.720	87.104	88.051	90.376
10/11/2011 18:00	77.469	77.120	59.723	56.421	51.393	73.864	66.562	107.886	89.546	107.231	104.028	96.244	68.800	87.237	88.160	90.386
10/11/2011 21:00	77.591	77.251	59.740	56.447	51.419	73.932	66.675	108.054	89.668	107.368	104.108	96.361	68.871	87.371	88.289	90.412
10/12/2011 0:00	77.694	77.352	59.741	56.448	51.408	73.985	66.767	108.160	89.760	107.504	104.199	96.458	68.941	87.478	88.386	90.449
10/12/2011 3:00	77.804	77.458	59.724	56.431	51.412	74.031	66.855	108.272	89.866	107.620	104.293	96.552	69.029	87.578	88.471	90.441
10/12/2011 6:00	77.870	77.530	59.703	56.398	51.370	74.040	66.906	108.335	89.908	107.686	104.378	96.612	69.068	87.635	88.534	90.498
10/12/2011 9:00	77.898	77.546	59.698	56.393	51.377	74.089	66.985	108.327	89.966	107.624	104.445	96.659	69.139	87.669	88.596	90.526
10/12/2011 12:00	77.849	77.506	59.709	56.395	51.376	74.118	67.038	108.227	89.986	107.514	104.528	96.658	69.192	87.611	88.616	90.549
10/12/2011 15:00	77.761	77.415	59.693	56.397	51.369	74.132	67.053	108.115	89.925	107.375	104.602	96.578	69.215	87.523	88.603	90.576
10/12/2011 18:00	77.678	77.347	59.700	56.392	51.373	74.139	67.027	108.020	89.890	107.259	104.648	96.543	69.231	87.458	88.553	90.604
10/12/2011 21:00	77.621	77.279	59.710	56.405	51.377	74.128	67.006	107.937	89.840	107.161	104.661	96.484	69.232	87.375	88.517	90.638
10/13/2011 0:00	77.552	77.216	59.719	56.414	51.404	74.158	67.006	107.873	89.819	107.088	104.722	96.454	69.229	87.324	88.505	90.680
10/13/2011 3:00	77.490	77.138	59.721	56.400	51.381	74.135	66.950	107.781	89.754	106.987	104.723	96.380	69.227	87.249	88.461	90.702
10/13/2011 6:00	77.422	77.100	59.704	56.413	51.382	74.127	66.921	107.698	89.704	106.916	104.745	96.330	69.219	87.181	88.426	90.727
10/13/2011 9:00	77.363	77.026	59.710	56.432	51.383	74.116	66.877	107.657	89.660	106.848	104.761	96.289	69.196	87.134	88.388	90.758
10/13/2011 12:00	77.322	76.994	59.721	56.430	51.402	74.114	66.857	107.610	89.628	106.804	104.759	96.257	69.176	87.081	88.371	90.792
10/13/2011 15:00	77.263	76.935	59.707	56.425	51.394	74.097	66.807	107.533	89.569	106.724	104.751	96.189	69.156	87.022	88.333	90.824
10/13/2011 18:00	77.210	76.870	59.705	56.411	51.371	74.065	66.754	107.480	89.525	106.662	104.749	96.154	69.124	86.969	88.292	90.834
10/13/2011 21:00	77.199	76.874	59.715	56.424	51.417	74.099	66.755	107.460	89.529	106.660	104.741	96.140	69.107	86.958	88.293	90.877
10/14/2011 0:00	77.169	76.865	59.727	56.436	51.417	74.087	66.746	107.430	89.498	106.630	104.741	96.122	69.095	86.928	88.284	90.877
10/14/2011 3:00	77.143	76.806	59.713	56.428	51.418	74.070	66.708	107.397	89.451	106.582	104.724	96.083	69.078	86.890	88.258	90.902
10/14/2011 6:00	77.125	76.782	59.719	56.425	51.427	74.067	66.693	107.355	89.436	106.549	104.712	96.062	69.066	86.872	88.237	90.917
10/14/2011 9:00	77.103	76.766	59.718	56.449	51.430	74.058	66.666	107.349	89.421	106.537	104.706	96.047	69.035	86.859	88.225	90.916
10/14/2011 12:00	77.090	76.762	59.735	56.457	51.438	74.075	66.650	107.333	89.417	106.503	104.689	96.046	69.034	86.837	88.212	90.945
10/14/2011 15:00	77.054	76.735	59.729	56.451	51.441	74.069	66.623	107.303	89.375	106.497	104.684	96.019	69.016	86.810	88.194	90.940
10/14/2011 18:00	77.058	76.718	59.727	56.473	51.454	74.052	66.605	107.286	89.367	106.468	104.666	96.011	69.008	86.802	88.183	90.961
10/14/2011 21:00	77.048	76.732	59.759	56.484	51.468	74.084	66.616	107.288	89.384	106.485	104.668	96.007	69.022	86.801	88.184	90.969
10/15/2011 0:00	77.064	76.733	59.769	56.497	51.499	74.097	66.629	107.300	89.382	106.488	104.681	96.011	69.011	86.805	88.203	91.000
10/15/2011 3:00	77.027	76.696	59.783	56.490	51.498	74.086	66.598	107.275	89.362	106.460	104.674	95.992	68.992	86.789	88.175	90.993
10/15/2011 6:00	77.026	76.684	59.774	56.483	51.498	74.083	66.583	107.260	89.347	106.448	104.659	95.979	68.989	86.768	88.169	90.996
10/15/2011 9:00	77.026	76.687	59.780	56.510	51.503	74.089	66.592	107.263	89.344	106.436	104.656	95.988	68.995	86.777	88.172	91.011
10/15/2011 12:00	76.995	76.686	59.782	56.521	51.505	74.070	66.570	107.241	89.325	106.426	104.646	95.948	68.976	86.746	88.150	91.013
10/15/2011 15:00	76.967	76.645	59.771	56.499	51.489	74.065	66.535	107.206	89.290	106.400	104.623	95.931	68.953	86.720	88.130	90.993
10/15/2011 18:00	76.971	76.653	59.770	56.500	51.500	74.067	66.528	107.208	89.292	106.393	104.622	95.924	68.952	86.713	88.126	91.001
10/15/2011 21:00	76.992	76.673	59.785	56.506	51.520	74.085	66.546	107.232	89.310	106.414	104.643	95.957	68.961	86.736	88.141	91.016
10/16/2011 0:00	77.007	76.676	59.794	56.527	51.544	74.085	66.545	107.226	89.322	106.426	104.634	95.948	68.972	86.739	88.156	91.037
10/16/2011 3:00	77.020	76.659	59.816	56.549	51.554	74.107	66.555	107.233	89.323	106.418	104.656	95.961	68.961	86.740	88.160	91.047
10/16/2011 6:00	76.996	76.671	59.822	56.537	51.557	74.092	66.540	107.224	89.308	106.406	104.640	95.946	68.958	86.728	88.148	91.032
10/16/2011 9:00	76.992	76.655	59.824	56.560	51.562	74.094	66.542	107.214	89.301	106.399	104.621	95.960	68.948	86.724	88.147	91.043
10/16/2011 12:00	76.971	76.637	59.803	56.518	51.538	74.073	66.521	107.205	89.280	106.399	104.621	95.918	68.939	86.712	88.132	91.034
10/16/2011 15:00	77.033	76.706	59.787	56.541	51.531	74.057	66.505	107.312	89.282	106.545	104.612	95.959	68.911	86.765	88.143	91.030
10/16/2011 18:00	77.196	76.853	59.799	56.529	51.528	74.087	66.536	107.499	89.381	106.783	104.621	96.055	68.939	86.922	88.233	91.039
10/16/2011 21:00	77.362	77.034	59.818	56.539	51.550	74.127	66.609	107.719	89.518	107.046	104.643	96.198	68.960	87.109	88.357	91.049
10/17/2011 0:00	77.542	77.196	59.814	56.532	51.555	74.144	66.707	107.920	89.637	107.249	104.657	96.341	69.008	87.259	88.471	91.045
10/17/2011 3:00	77.701	77.355	59.811	56.553	51.553	74.205	66.800	108.097	89.769	107.454	104.708	96.467	69.068	87.421	88.594	91.045
10/17/2011 6:00	77.850	77.505	59.816	56.546	51.570	74.252	66.908	108.268	89.886	107.630	104.752	96.602	69.124	87.592	88.710	91.050
10/17/2011 9:00	78.002	77.626	59.823	56.541	51.565	74.289	67.020	108.410	90.007	107.796	104.810	96.720	69.182	87.716	88.820	91.054
10/17/2011 12:00	78.118	77.769	59.810	56.538	51.537	74.324	67.106	108.535								

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C	P114D	PBC004	SL023	UBC011	UBC021	UBC023	UBC025	UBC026	UBC027	UBC028AR	UBC031	UBC052	UBC054	UBC055	UBC056
	Depth to Water [ft BTOC]															
10/18/2011 6:00	78.422	78.061	59.837	56.568	51.558	74.595	67.548	108.773	90.496	108.112	105.330	97.189	69.636	88.151	89.315	91.180
10/18/2011 9:00	78.359	78.013	59.831	56.544	51.564	74.601	67.554	108.689	90.460	108.018	105.387	97.153	69.663	88.088	89.303	91.207
10/18/2011 12:00	78.287	77.953	59.805	56.556	51.534	74.604	67.525	108.608	90.400	107.916	105.420	97.093	69.663	88.007	89.267	91.225
10/18/2011 15:00	78.246	77.912	59.812	56.548	51.523	74.596	67.496	108.549	90.372	107.845	105.473	97.049	69.685	87.963	89.232	91.244
10/18/2011 18:00	78.158	77.812	59.763	56.478	51.474	74.547	67.438	108.437	90.289	107.745	105.496	96.973	69.657	87.857	89.174	91.283
10/18/2011 21:00	78.106	77.754	59.726	56.450	51.446	74.519	67.389	108.367	90.231	107.675	105.486	96.930	69.608	87.796	89.131	91.291
10/19/2011 0:00	78.063	77.732	59.710	56.419	51.449	74.510	67.361	108.333	90.210	107.635	105.488	96.890	69.589	87.762	89.125	91.308
10/19/2011 3:00	78.025	77.698	59.711	56.418	51.444	74.508	67.347	108.283	90.178	107.598	105.483	96.864	69.576	87.745	89.102	91.321
10/19/2011 6:00	78.012	77.661	59.692	56.420	51.425	74.489	67.307	108.234	90.138	107.558	105.476	96.833	69.548	87.684	89.089	91.341
10/19/2011 9:00	78.002	77.650	59.693	56.409	51.426	74.490	67.275	108.223	90.121	107.547	105.474	96.822	69.537	87.673	89.087	91.364
10/19/2011 12:00	77.988	77.637	59.692	56.417	51.434	74.489	67.283	108.210	90.099	107.516	105.462	96.818	69.515	87.651	89.071	91.363
10/19/2011 15:00	77.999	77.647	59.715	56.427	51.444	74.499	67.293	108.211	90.115	107.526	105.472	96.828	69.513	87.671	89.081	91.397
10/19/2011 18:00	78.027	77.675	59.749	56.435	51.482	74.558	67.313	108.237	90.135	107.566	105.491	96.863	69.511	87.687	89.125	91.413
10/19/2011 21:00	78.077	77.719	59.760	56.466	51.513	74.577	67.342	108.284	90.169	107.604	105.502	96.898	69.543	87.725	89.168	91.439
10/20/2011 0:00	78.092	77.734	59.769	56.493	51.510	74.592	67.369	108.290	90.184	107.610	105.529	96.916	69.558	87.743	89.195	91.433
10/20/2011 3:00	78.108	77.768	59.785	56.524	51.523	74.614	67.369	108.306	90.206	107.656	105.542	96.940	69.571	87.768	89.214	91.464
10/20/2011 6:00	78.131	77.788	59.790	56.514	51.552	74.634	67.401	108.325	90.226	107.676	105.562	96.951	69.588	87.779	89.246	91.490
10/20/2011 9:00	78.174	77.810	59.799	56.521	51.562	74.653	67.420	108.332	90.248	107.707	105.592	96.982	69.610	87.794	89.274	91.518
10/20/2011 12:00	78.190	77.835	59.800	56.537	51.569	74.669	67.445	108.360	90.270	107.714	105.596	97.007	69.626	87.810	89.299	91.522
10/20/2011 15:00	78.204	77.849	59.784	56.521	51.562	74.665	67.441	108.380	90.275	107.749	105.623	97.012	69.631	87.812	89.310	91.539
10/20/2011 18:00	78.351	77.990	59.820	56.548	51.580	74.713	67.468	108.579	90.338	107.986	105.649	97.111	69.646	87.969	89.397	91.563
10/20/2011 21:00	78.535	78.183	59.815	56.546	51.599	74.750	67.538	108.796	90.468	108.258	105.689	97.263	69.676	88.147	89.533	91.578
10/21/2011 0:00	78.730	78.366	59.808	56.532	51.604	74.788	67.639	109.023	90.620	108.503	105.727	97.409	69.723	88.341	89.674	91.595
10/21/2011 3:00	78.912	78.551	59.819	56.531	51.603	74.862	67.753	109.221	90.743	108.743	105.789	97.567	69.795	88.518	89.811	91.615
10/21/2011 6:00	79.109	78.748	59.818	56.530	51.626	74.915	67.869	109.433	90.901	108.976	105.852	97.731	69.869	88.718	89.948	91.656
10/21/2011 9:00	79.286	78.910	59.823	56.550	51.633	74.986	68.003	109.619	91.053	109.186	105.932	97.902	69.961	88.873	90.088	91.673
10/21/2011 12:00	79.415	79.042	59.802	56.526	51.613	75.025	68.093	109.763	91.174	109.339	106.001	98.007	70.030	89.015	90.209	91.689
10/21/2011 15:00	79.558	79.176	59.782	56.518	51.602	75.078	68.200	109.912	91.289	109.488	106.095	98.135	70.103	89.160	90.336	91.702
10/21/2011 18:00	79.725	79.340	59.802	56.547	51.631	75.152	68.334	110.088	91.432	109.679	106.187	98.278	70.199	89.307	90.489	91.743
10/21/2011 21:00	79.877	79.501	59.807	56.543	51.639	75.229	68.456	110.261	91.563	109.858	106.298	98.415	70.309	89.474	90.629	91.793
10/22/2011 0:00	80.008	79.638	59.811	56.538	51.643	75.296	68.577	110.395	91.682	110.001	106.404	98.539	70.403	89.604	90.744	91.830
10/22/2011 3:00	80.136	79.748	59.798	56.522	51.639	75.355	68.667	110.514	91.792	110.135	106.514	98.644	70.474	89.718	90.857	91.859
10/22/2011 6:00	80.265	79.901	59.828	56.534	51.660	75.439	68.793	110.661	91.915	110.288	106.619	98.788	70.570	89.847	90.993	91.925
10/22/2011 9:00	80.385	80.006	59.828	56.558	51.672	75.514	68.910	110.800	92.042	110.421	106.734	98.899	70.654	89.976	91.107	91.946
10/22/2011 12:00	80.480	80.119	59.820	56.538	51.664	75.546	68.983	110.906	92.115	110.521	106.837	98.978	70.728	90.073	91.207	92.004
10/22/2011 15:00	80.577	80.183	59.794	56.509	51.644	75.592	69.060	110.982	92.200	110.630	106.931	99.070	70.792	90.162	91.296	92.044
10/22/2011 18:00	80.696	80.323	59.820	56.514	51.679	75.669	69.191	111.114	92.316	110.756	107.050	99.195	70.902	90.275	91.415	92.113
10/22/2011 21:00	80.796	80.436	59.830	56.545	51.692	75.733	69.285	111.241	92.423	110.886	107.154	99.286	70.975	90.402	91.527	92.180
10/23/2011 0:00	80.901	80.528	59.829	56.553	51.700	75.795	69.368	111.333	92.503	110.987	107.267	99.387	71.044	90.491	91.628	92.245
10/23/2011 3:00	80.966	80.599	59.819	56.543	51.699	75.824	69.440	111.416	92.574	111.073	107.359	99.456	71.106	90.566	91.700	92.289
10/23/2011 6:00	81.071	80.689	59.834	56.540	51.726	75.881	69.521	111.506	92.664	111.182	107.458	99.561	71.178	90.662	91.811	92.337
10/23/2011 9:00	81.178	80.799	59.839	56.557	51.746	75.953	69.631	111.620	92.765	111.301	107.569	99.653	71.249	90.781	91.915	92.399
10/23/2011 12:00	81.244	80.881	59.830	56.557	51.725	76.007	69.694	111.704	92.817	111.367	107.650	99.710	71.297	90.826	91.984	92.444
10/23/2011 15:00	81.304	80.919	59.799	56.535	51.700	76.024	69.735	111.754	92.867	111.432	107.730	99.764	71.356	90.889	92.040	92.480
10/23/2011 18:00	81.411	81.044	59.831	56.567	51.732	76.098	69.831	111.870	92.980	111.555	107.846	99.877	71.431	90.990	92.154	92.569
10/23/2011 21:00	81.522	81.158	59.861	56.585	51.753	76.161	69.945	111.973	93.073	111.666	107.937	99.979	71.512	91.107	92.259	92.629
10/24/2011 0:00	81.599	81.230	59.851	56.596	51.773	76.214	70.007	112.047	93.144	111.737	108.032	100.038	71.568	91.187	92.345	92.685
10/24/2011 3:00	81.667	81.306	59.855	56.579	51.768	76.236	70.086	112.114	93.200	111.807	108.126	100.111	71.641	91.248	92.415	92.758
10/24/2011 6:00	81.741	81.371	59.851	56.584	51.773	76.296	70.130	112.194	93.280	111.893	108.203	100.185	71.697	91.320	92.498	92.805
10/24/2011 9:00	81.845	81.478	59.874	56.589	51.799	76.361	70.228	112.313	93.366	112.001	108.292	100.272	71.753	91.415	92.600	92.873
10/24/2011 12:00	81.911	81.535	59.868	56.598	51.790	76.397	70.277	112.359	93.432	112.070	108.356	100.335	71.810	91.478	92.684	92.925
10/24/2011 15:00	81.970	81.600	59.842	56.587	51.794	76.443	70.332	112.426	93.466	112.131	108.441	100.396	71.866	91.533	92.727	92.977
10/24/2011 18:00	82.057	81.691	59.864	56.597	51.825	76.495	70.414	112.508	93.560	112.222	108.535	100.496	71.927	91.618	92.830	93.050
10/24/2011 21:00	82.151	81.787	59.885	56.639	51.849	76.585	70.501	112.616	93.645	112.336	108.631	100.571	71.993	91.717	92.917	93.104
10/25/2011 0:00	82.223	81.853	59.900	56.612	51.852	76.633	70.567	112.682	93.723	112.412	108.706	100.637	72.059	91.775	93.011	93.176
10/25/2011 3:00	82.298	81.931	59.894	56.609	51.858	76.669	70.627	112.742	93.780	112.478	108.797	100.701	72.116	91.859	93.092	93.227
10/25/2011 6:00	82.375	81.999	59.899	56.617	51.866	76.722	70.695	112.822	93.848	112.558	108.877	100.772	72.166	91.918	93.169	93.262
10/25/2011 9:00	82.467	82.091	59.916	56.646	51.898	76.781	70.790	112.915	93.931							

Table 3
Water Levels Data from Transducers - September 1, 2011 - October 31, 2011 - Compensated for Barometric Pressure
Pinewood Hydrologic Evaluation
Pinewood, South Carolina

Date/time	P114C Depth to Water [ft BTOC]	P114D Depth to Water [ft BTOC]	PBC004 Depth to Water [ft BTOC]	SL023 Depth to Water [ft BTOC]	UBC011 Depth to Water [ft BTOC]	UBC021 Depth to Water [ft BTOC]	UBC023 Depth to Water [ft BTOC]	UBC025 Depth to Water [ft BTOC]	UBC026 Depth to Water [ft BTOC]	UBC027 Depth to Water [ft BTOC]	UBC028AR Depth to Water [ft BTOC]	UBC031 Depth to Water [ft BTOC]	UBC052 Depth to Water [ft BTOC]	UBC054 Depth to Water [ft BTOC]	UBC055 Depth to Water [ft BTOC]	UBC056 Depth to Water [ft BTOC]
10/26/2011 3:00	82.861	82.486	59.937	56.655	51.952	77.055	71.140	113.318	94.307	113.086	109.444	101.243	72.574	92.404	93.697	93.688
10/26/2011 6:00	82.921	82.542	59.933	56.654	51.936	77.075	71.187	113.374	94.342	113.142	109.512	101.296	72.600	92.436	93.747	93.738
10/26/2011 9:00	82.983	82.628	59.923	56.662	51.959	77.137	71.252	113.451	94.407	113.214	109.587	101.361	72.653	92.507	93.825	93.807
10/26/2011 12:00	83.052	82.664	59.923	56.651	51.944	77.177	71.291	113.481	94.465	113.268	109.644	101.407	72.693	92.562	93.891	93.840
10/26/2011 15:00	83.089	82.704	59.905	56.654	51.921	77.195	71.343	113.521	94.492	113.310	109.692	101.449	72.732	92.601	93.939	93.855
10/26/2011 18:00	83.149	82.773	59.938	56.645	51.951	77.246	71.394	113.593	94.543	113.388	109.786	101.506	72.774	92.658	94.003	93.933
10/26/2011 21:00	83.233	82.875	59.956	56.696	51.990	77.306	71.466	113.695	94.624	113.491	109.867	101.596	72.834	92.736	94.096	94.005
10/27/2011 0:00	83.309	82.942	59.963	56.712	52.018	77.358	71.542	113.765	94.704	113.555	109.955	101.651	72.901	92.810	94.175	94.067
10/27/2011 3:00	83.351	82.981	59.964	56.670	51.997	77.398	71.575	113.808	94.734	113.603	110.003	101.700	72.932	92.864	94.217	94.103
10/27/2011 6:00	83.394	83.027	59.959	56.686	51.998	77.423	71.621	113.854	94.777	113.655	110.070	101.734	72.978	92.898	94.281	94.176
10/27/2011 9:00	83.462	83.093	59.976	56.685	52.015	77.467	71.678	113.910	94.845	113.708	110.126	101.799	73.025	92.960	94.343	94.214
10/27/2011 12:00	83.535	83.175	59.977	56.689	52.025	77.522	71.742	113.974	94.897	113.800	110.209	101.866	73.086	93.027	94.423	94.260
10/27/2011 15:00	83.557	83.190	59.968	56.665	52.010	77.528	71.769	114.001	94.925	113.821	110.257	101.881	73.104	93.058	94.456	94.318
10/27/2011 18:00	83.625	83.258	59.970	56.676	52.048	77.575	71.828	114.081	94.990	113.877	110.322	101.956	73.151	93.105	94.518	94.353
10/27/2011 21:00	83.693	83.317	59.975	56.708	52.065	77.634	71.896	114.141	95.040	113.975	110.393	102.015	73.180	93.173	94.595	94.403
10/28/2011 0:00	83.757	83.393	60.003	56.724	52.090	77.693	71.963	114.208	95.116	114.030	110.460	102.091	73.248	93.255	94.674	94.473
10/28/2011 3:00	83.827	83.443	60.019	56.731	52.106	77.730	72.021	114.278	95.174	114.088	110.549	102.146	73.306	93.322	94.735	94.546
10/28/2011 6:00	83.859	83.481	60.024	56.742	52.114	77.768	72.059	114.325	95.212	114.135	110.608	102.187	73.344	93.351	94.785	94.548
10/28/2011 9:00	83.919	83.541	60.018	56.742	52.132	77.807	72.110	114.364	95.263	114.195	110.668	102.226	73.392	93.408	94.846	94.620
10/28/2011 12:00	83.953	83.586	60.036	56.760	52.147	77.831	72.156	114.421	95.308	114.250	110.734	102.289	73.419	93.462	94.903	94.659
10/28/2011 15:00	84.000	83.630	60.041	56.762	52.161	77.878	72.203	114.456	95.352	114.300	110.796	102.318	73.463	93.500	94.947	94.754
10/28/2011 18:00	84.046	83.676	60.045	56.769	52.168	77.915	72.240	114.505	95.380	114.337	110.845	102.367	73.521	93.537	95.011	94.758
10/28/2011 21:00	84.091	83.724	60.063	56.808	52.183	77.951	72.300	114.553	95.437	114.403	110.923	102.412	73.548	93.603	95.065	94.831
10/29/2011 0:00	84.149	83.767	60.079	56.788	52.226	78.006	72.331	114.609	95.490	114.455	110.988	102.473	73.591	93.644	95.117	94.880
10/29/2011 3:00	84.189	83.810	60.083	56.804	52.218	78.031	72.368	114.643	95.515	114.495	111.043	102.496	73.625	93.684	95.164	94.896
10/29/2011 6:00	84.239	83.864	60.073	56.782	52.220	78.054	72.421	114.696	95.556	114.536	111.105	102.537	73.657	93.722	95.211	94.964
10/29/2011 9:00	84.283	83.907	60.083	56.783	52.254	78.085	72.464	114.739	95.599	114.591	111.160	102.592	73.700	93.777	95.263	95.007
10/29/2011 12:00	84.325	83.953	60.099	56.820	52.249	78.134	72.511	114.788	95.648	114.635	111.215	102.647	73.729	93.820	95.315	95.077
10/29/2011 15:00	84.366	84.017	60.112	56.833	52.268	78.165	72.545	114.840	95.700	114.687	111.279	102.687	73.781	93.860	95.370	95.111
10/29/2011 18:00	84.424	84.063	60.125	56.849	52.287	78.202	72.591	114.889	95.737	114.736	111.316	102.736	73.809	93.897	95.428	95.169
10/29/2011 21:00	84.493	84.121	60.137	56.853	52.312	78.248	72.657	114.956	95.795	114.815	111.383	102.803	73.863	93.979	95.492	95.212
10/30/2011 0:00	84.551	84.178	60.161	56.880	52.348	78.305	72.714	115.022	95.861	114.881	111.440	102.860	73.911	94.036	95.567	95.260
10/30/2011 3:00	84.599	84.230	60.180	56.878	52.379	78.357	72.767	115.074	95.913	114.933	111.513	102.903	73.963	94.076	95.634	95.324
10/30/2011 6:00	84.654	84.272	60.198	56.899	52.391	78.399	72.799	115.116	95.946	114.984	111.585	102.924	74.005	94.130	95.670	95.387
10/30/2011 9:00	84.679	84.315	60.208	56.912	52.413	78.430	72.851	115.147	95.986	115.027	111.637	102.979	74.045	94.182	95.734	95.448
10/30/2011 12:00	84.707	84.349	60.200	56.925	52.405	78.443	72.874	115.172	96.011	115.049	111.680	102.998	74.058	94.192	95.762	95.485
10/30/2011 15:00	84.735	84.371	60.207	56.905	52.406	78.468	72.899	115.206	96.042	115.080	111.715	103.029	74.105	94.211	95.793	95.526
10/30/2011 18:00	84.801	84.428	60.210	56.920	52.433	78.526	72.956	115.263	96.099	115.146	111.802	103.086	74.129	94.277	95.859	95.595
10/30/2011 21:00	84.832	84.492	60.232	56.945	52.455	78.557	72.999	115.306	96.133	115.189	111.845	103.129	74.172	94.311	95.911	95.650
10/31/2011 0:00	84.880	84.519	60.229	56.951	52.473	78.599	73.038	115.357	96.181	115.225	111.896	103.156	74.214	94.366	95.962	95.680
10/31/2011 3:00	84.919	84.564	60.256	56.978	52.500	78.635	73.086	115.403	96.217	115.279	111.950	103.210	74.247	94.399	96.011	95.731
10/31/2011 6:00	84.952	84.579	60.232	56.963	52.473	78.650	73.113	115.409	96.242	115.294	111.998	103.235	74.274	94.432	96.029	95.773
10/31/2011 9:00	84.990	84.633	60.255	56.983	52.505		73.154	115.474	96.274	115.335	112.051	103.276	74.297	94.470	96.079	95.805
10/31/2011 12:00					52.499											

Notes:

ft BTOC - feet Below Top of Casing

1. Water levels were collected using Diver transducers. Water levels were compensated for barometric pressure using Schlumberger Water Services Diver-Office 2011.1 version 4.0.76.0.

ATTACHMENTS

ATTACHMENT 1
FIELD FORMS

PROJECT NUMBER: 60222141 DATE: 8/29/11 REPORT NUMBER: 1

PROJECT & LOCATION: PINEWOOD HYDRAULIC EVALUATION, PINEWOODS SC

CLIENT: KESTREL AECOM FIELD REPRESENTATIVE: L. ALEXANDER, S. ROSS, C. SUDDETH, J. LEAPHART

SUBCONTRACTOR: NA

SUBCONTRACTOR PERSONNEL ON SITE: NA; CYNDE DEVLIN, SHIN SHAPERRY (DHEC) & H. MORRIS (KESTREL) ONSITE

BRIEF SUMMARY OF WORK PERFORMED: Set up transducers in wells - see list below & SPREADSHEET FOR XD DETAILS

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
		NOTE: SEE SPREADSHEET FOR XD DETAILS
0600	0905	LALEXANDER DRIVE FROM GREENVILLE TO PINEWOODS
0905	1050	MEET SROSS, C. SUDDETH & J. LEAPHART AT SITE. J. LEAPHART & LALEXANDER GO THRU SAFETY TRAINING. C. SUDDETH & SROSS WENT TO SET UP ON WELLS MW078T, UB021, MW077P. ~0945 LALEXANDER & J. LEAPHART MEET CREW AT WELL SET UP BARD XD.
1050	1225	SROSS & LALEXANDER BREAK OFF & MOB TO MW103P, MW102S, MW101T & UB031. C. SUDDETH & J. LEAPHART ON P114 CLUSTER. ~1100 CYNDE DEVLIN & OFFSITE ~1115 H. MORRIS OFFSITE NOTE: LUNCH ~1230-1300
1300	1520 ¹⁴²⁰	SROSS & LALEXANDER ONSITE AT UB027, MW092SR, MW093PR & MW098TR. TAKE CAPS OFF & COLLECT WL READINGS. SET UP XDS. NOTE: 1318, take photo of WL collection at UB027
1350 ¹⁴²⁰	1530	SROSS & LALEXANDER ONSITE AT MW094PR, MW126T & UB025 TAKE OFF CAPS, COLLECT WL READINGS, & SET UP XDS.
1530	1600	ONSITE AT MW063SR - REPLACEMENT FOR MW001. COLLECT WL & SET UP XDS
1600	1620	MEET OTHER CREW TO GET XDS FOR NEXT WELLS
1620	1700	ONSITE AT MW095SR, MW091PR, MW089T & UB026. COLLECT WLS & SET XDS. OTHER CREW ARRIVES @ 1645.
1700	1720	MOB TO CHANGE HOUSE TO STORE EQUIPMENT & SIGN OUT
1720	1820 ¹⁸³⁰	LALEXANDER & SROSS OFFSITE. LALEXANDER DRIVES TO GULLE

FIELD REPRESENTATIVES SIGNATURE: Lester Alexander DATE: 8/29/11



Tailgate Safety Meeting Log*

This sign-in log documents the topics of the tailgate safety briefing and individual attendance at the briefing. Personnel who perform work operations onsite are required to attend each safety briefing and acknowledge their ability to ask questions and receipt of such briefings daily. Please provide a brief narrative of the following topics as applicable to the Project.

Meeting Leader: *C. Suddeth* Signature: *Charles K. Suddeth*

Date /Time: *2/30/11 0850* Project Name & Location: *Pinewood Hydraulic Evaluation*

Weather Conditions: *cloudy, warm* Project Number:

Topic	Discussion (Circle one)
Today's Scope of Work (All tasks)	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Schedule / New Work / Scope Changes	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Reviewed Procedures, THA, etc.	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Emergency Action Plan & Procedures	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Communications Protocol	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required PPE	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required Monitoring / Instruments	<input type="radio"/> yes / <input checked="" type="radio"/> NA
Site Control / Work Zones / Security	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Access / Egress / Slips, Trips, & Falls	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Smoking, Eating, & Drinking	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Washroom / Facilities Location	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Heat/Cold Stress	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Exclusion Areas Barricades / Cones	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required Permits, Passes, Keys, etc.	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Decon Procedures / IDW Mngmt	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Equipment Inspections / Safety Checklists	<input type="radio"/> yes / <input checked="" type="radio"/> NA

Comments/Other:

Tailgate Meeting Attendees	
Printed Name	Signature
<i>Chuck Suddeth</i>	<i>Charles K. Suddeth</i>
<i>James Leaphart</i>	<i>J. Leaphart</i>

*This form is to be utilized for documenting daily safety meetings and stored with project files upon completion

Six Questions for Success – As your final preparedness take two minutes to think through and answer these questions:

1. What are we about to do?
2. What equipment are we going to use?
3. Have I/we been trained to use this equipment?
4. Have I/we been trained to do this job?
5. How can I/we be hurt?
6. How can I/we prevent this incident?

If you and your team aren't prepared to do the assigned work, **STOP WORK**, and take time to properly prepare.

End of Day Sign-off: Site Safety Officer Signature

Charles K. Suddeth

No Incidents Occurred

Number of Near Misses/Observations Reported None

All Incidents Reported to Supervisor, SH&E Manager and Reporting Line

Lessons Learned/Comments/Other:

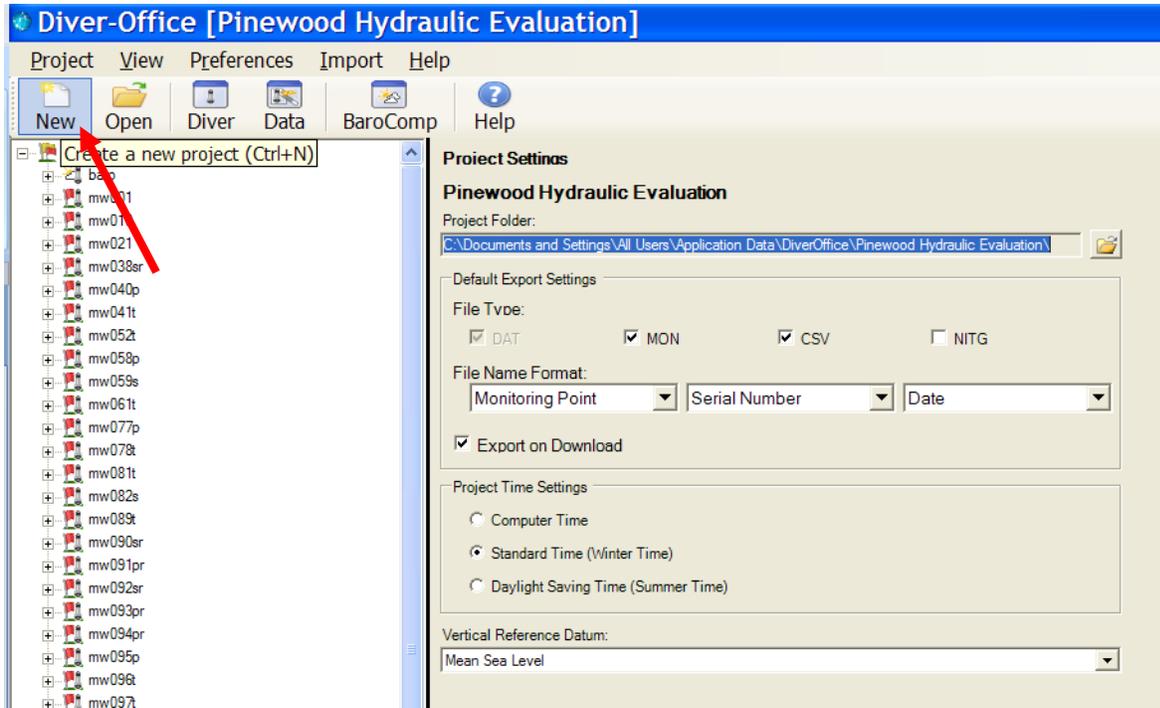
ATTACHMENT B

Transducer Deployment Instructions

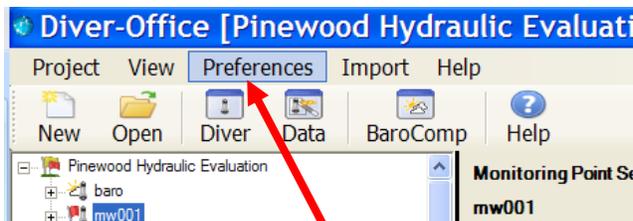
Pinewood Hydraulic Evaluation

Diver-Office Project Setup

1. The first time diver-office is opened on each computer, you will need to set up the project and preferences. If not prompted to set up a project, click “New” to create a new project. Call the project “Pinewood Hydraulic Evaluation”. Double check that the project folder is set up as “C:\Documents and Settings\All Users\Application Data\DiverOffice\Pinewood Hydraulic Evaluation\”. Set the remaining project settings as shown below.

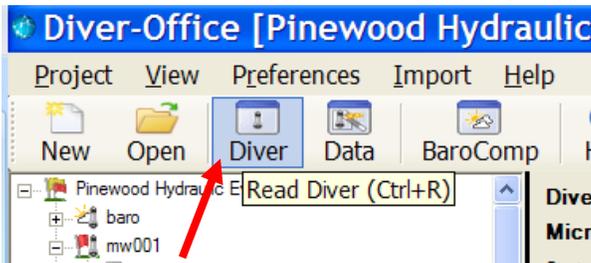


2. Go to the “Preferences” menu to set the units and communication preferences for the project. For units – set Pressure to “ft H2O”, Temperature to “Fahrenheit” and Altitude to “feet”. For communication – Select Reading Unit Port: “USB”.



Baro XD Instructions

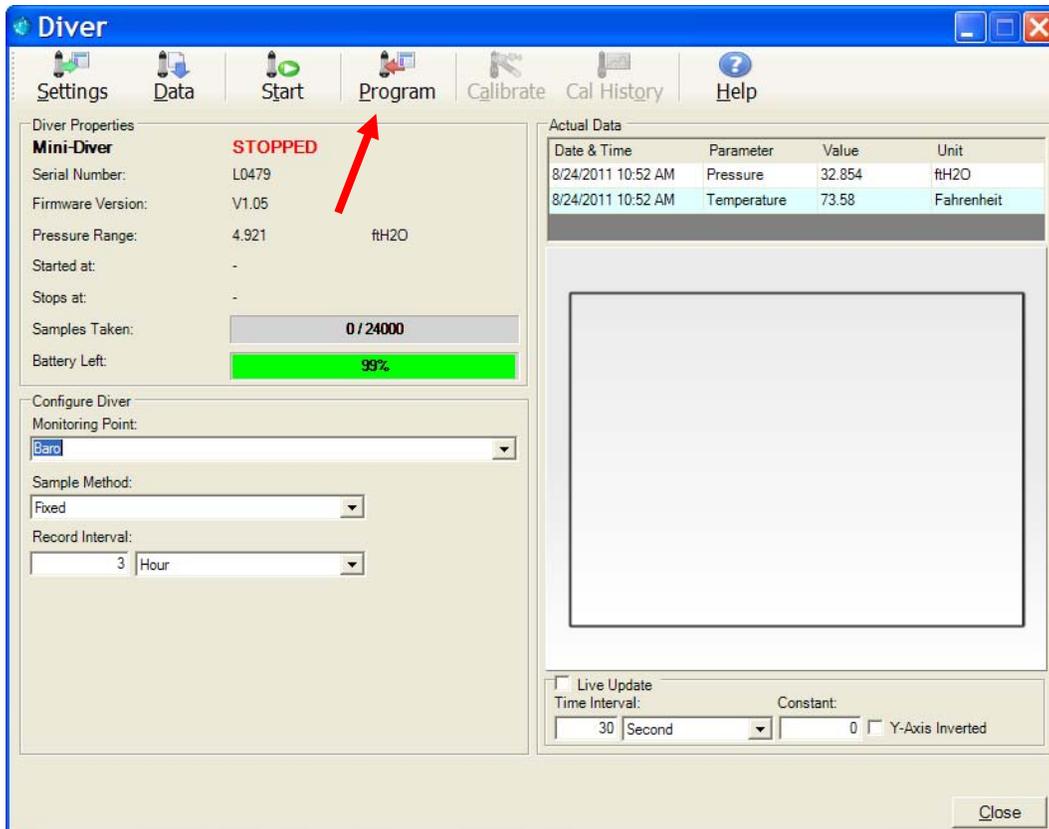
1. Find the Baro XD. Connect the USB optical reader unit, uncap the baro XD and place it in the reader.
2. Open the Diver-office software.
3. To communicate with or setup the XD, click the “Diver” button as shown below.



This will allow you to setup or confirm the setup of the following:

- a. Monitoring Point Name: Baro
- b. Sampling Method – “Fixed”
- c. Record Interval – “3 Hour”

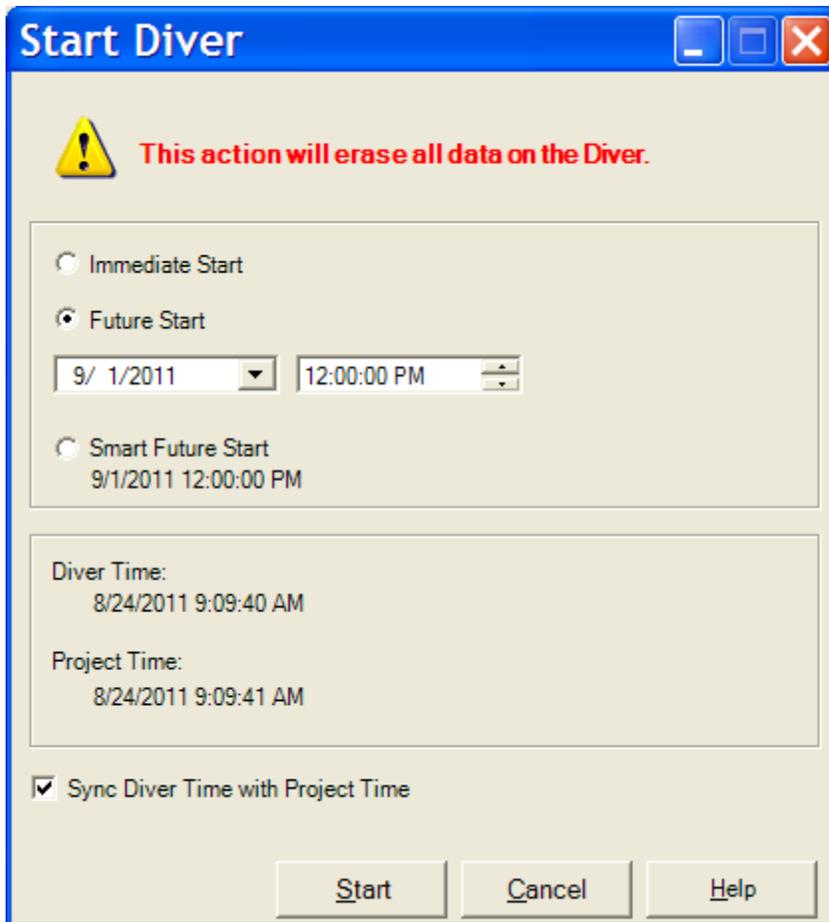
Hit the “Program” button to save any changes to the diver property settings. **Record/confirm the diver serial number on the table.**



4. Click the “start” button to program the start time.



Set the diver for “Future Start” and program the date and time for the start up. For the Baro XD only, set this to be the **next 3 hr time** (i.e., 12AM, 3AM, 6AM, 9AM, 12PM, 3PM, 6PM, or 9PM) so we can try to capture the manual measurements in the Baro measurement period. Check the box to “Sync Diver Time with Project Time” and then click “start”



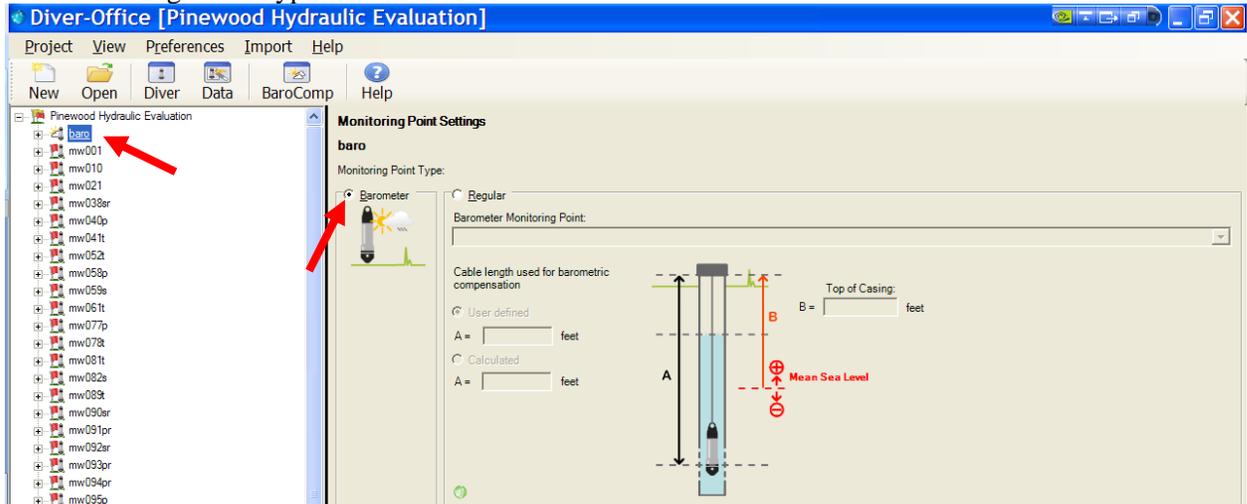
The diver window will now show “Future Start” as the status for the diver. Click on “Live Update” on the bottom (see below); **record the time and pressure value from the “actual data” window on the table.** You can then unclick “live update” and close the diver window.

The screenshot shows the 'Diver' software interface. The status is 'FUTURE START'. The 'Actual Data' table contains the following information:

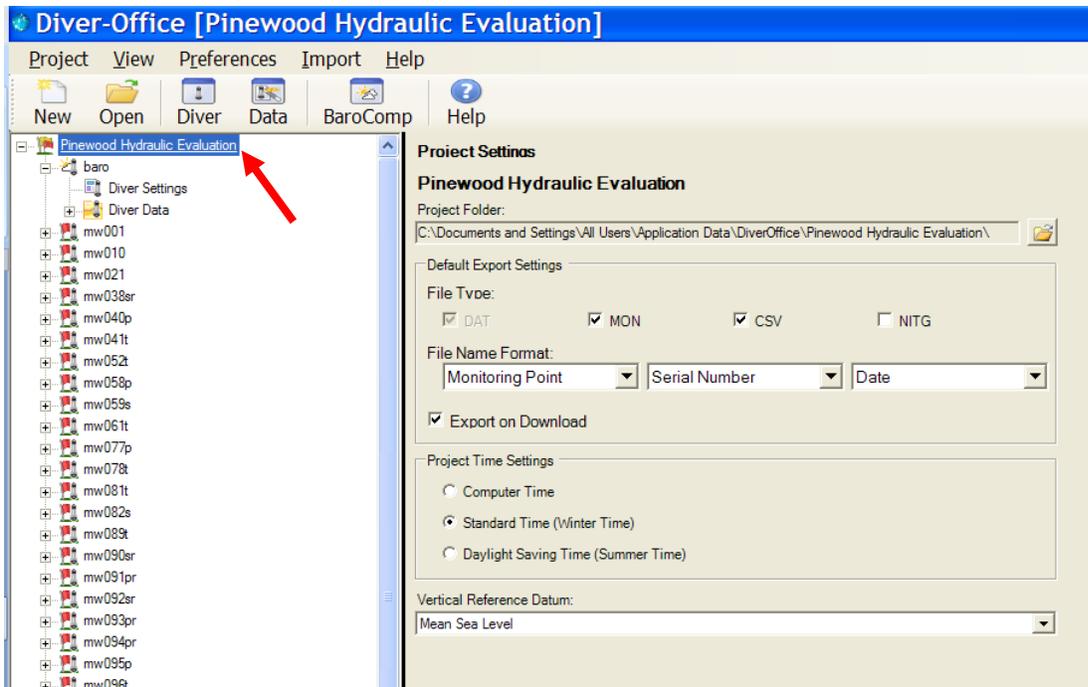
Date & Time	Parameter	Value	Unit
8/24/2011 9:10 AM	Pressure	32.848	ftH2O
8/24/2011 9:10 AM	Temperature	72.77	Fahrenheit

At the bottom of the interface, the 'Live Update' checkbox is checked, and the 'Time Interval' is set to 30 Second. A 'Close' button is located in the bottom right corner.

5. Click on the Baro diver Monitoring Point name in the data tree. Select “Barometer” as the Monitoring Point Type.

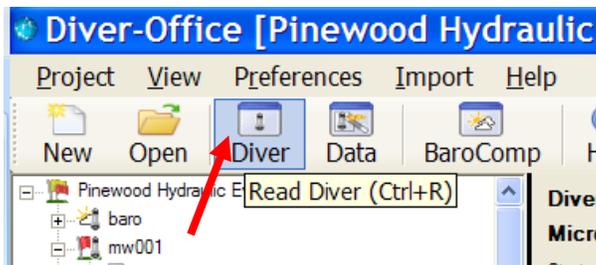


6. Click on the “Pinewood Hydraulic Evaluation” in the data tree to exit the Baro diver and move to the next XD.



Water Level XD Instructions

1. Take a **manual water level and record it on the table as the static water level.**
2. Find the XD for the current well and the corresponding cable – get the appropriate cable length from the table. Connect the downhole data cable to the XD and deploy the XD to the appropriate depth based on the table. Secure the cable to the well cap. (Note – for most wells, this will be at the full extent of the cable, but some wells will have cable out of the well due to the well geometry. For these cases, it will be noted on the table. Also, this may also happen if an obstruction restricts XD placement. Please note in comments if there is cable out of the well and the approximate length).
3. Connect the data transfer cable to the USB port on the computer and then to the downhole cable and Open the Diver-office software.
4. To communicate with or setup the XD, click the “Diver” button as shown below.



This will allow you to setup or confirm the setup of the following:

- a. Monitoring Point Name (should be the well ID as typed on the table)
- b. Sampling Method – “Fixed”
- c. Record Interval – “3 Hour”

Hit the “Program” button to save any changes to the diver property settings. **Record/confirm the diver serial number on the table.**

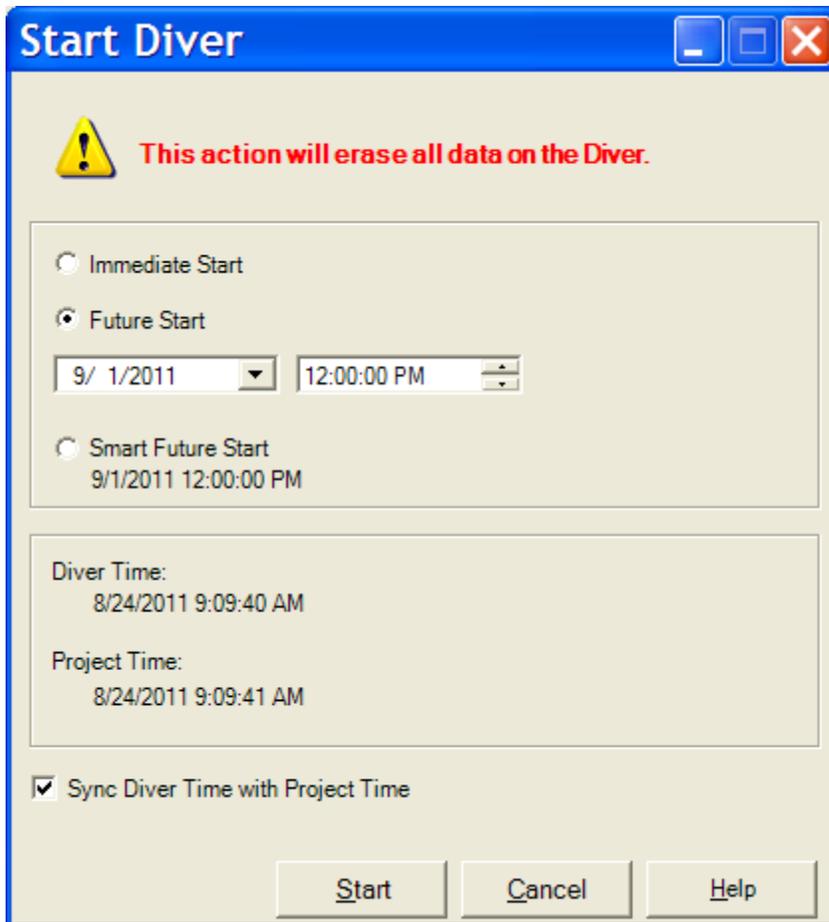
The screenshot shows the 'Diver' software interface. The 'Program' button in the top toolbar is highlighted with a red arrow. The 'Diver Properties' section shows the device is 'STOPPED' with a serial number of H8317. The 'Configure Diver' section shows the 'Monitoring Point' set to 'MWO40P', 'Sample Method' set to 'Fixed', and 'Record Interval' set to '3 Hour'. The 'Actual Data' table shows two entries: Pressure at 32.848 ftH2O and Temperature at 72.63 Fahrenheit. The 'Live Update' section shows a 'Time Interval' of 30 seconds and a 'Constant' of 0. A 'Close' button is located at the bottom right.

Date & Time	Parameter	Value	Unit
8/24/2011 6:56 AM	Pressure	32.848	ftH2O
8/24/2011 6:56 AM	Temperature	72.63	Fahrenheit

5. Once everything is situated down hole and settings are confirmed, click the “start” button to program the start time.



Set the diver for “Future Start” and program the date and time for the start up (note – this should be the same on all XDs except the Baro XD). Check the box to “Sync Diver Time with Project Time” and then click “start”



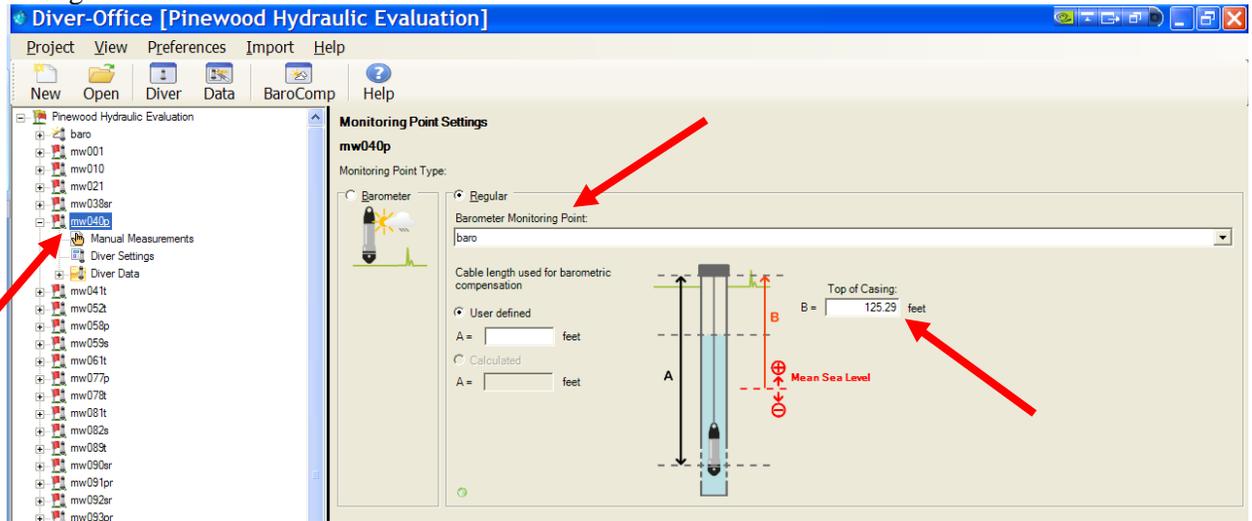
The diver window will now show “Future Start” as the status for the diver. Click on “Live Update” on the bottom (see below); once the XD readings are stable, **record the time and pressure value from the “actual data” window on the table.** You can then unclick “live update” and close the diver window.

The screenshot shows the 'Diver' software interface. The status is 'FUTURE START'. The 'Actual Data' table shows the following data:

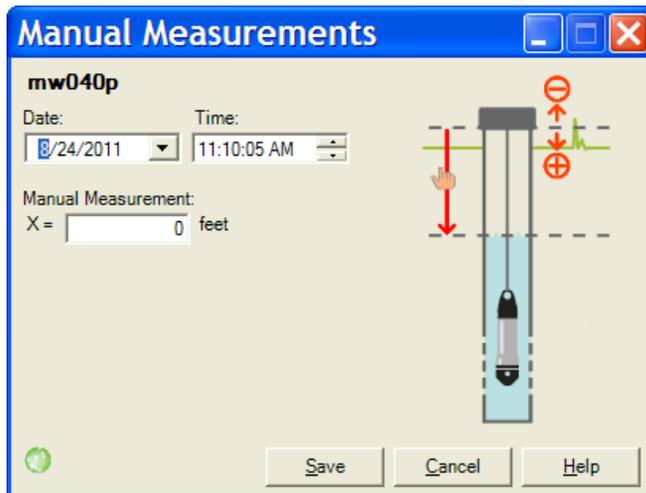
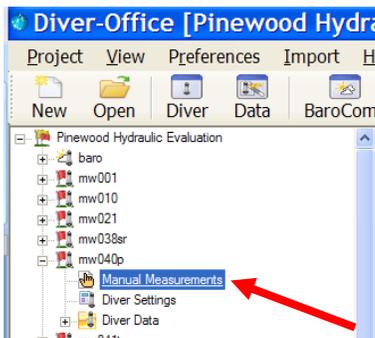
Date & Time	Parameter	Value	Unit
8/24/2011 9:10 AM	Pressure	32.848	ftH2O
8/24/2011 9:10 AM	Temperature	72.77	Fahrenheit

The 'Live Update' checkbox is checked, and the 'Time Interval' is set to 30 Second. The 'Constant' is set to 0, and the 'Y-Axis Inverted' checkbox is unchecked.

- Click on the diver Monitoring Point name in the data tree. Select “Regular” as the monitoring point type; Choose “Baro” as the Barometer Monitoring Point; Type in/confirm the Top of Casing Value from the Table.



- Click on “manual measurement” below the well monitoring point name on the data tree. Input the date, time and water level from the XD reading collected in step 5. Hit “save”.



8. Click on the “Pinewood Hydraulic Evaluation” in the data tree to exit the current diver and move to the next XD.

ATTACHMENT C

Field Forms

PROJECT NUMBER: 60222141 DATE: 8/29/11 REPORT NUMBER: 1

PROJECT & LOCATION: PINEWOOD HYDRAULIC EVALUATION, PINEWOODS SC

CLIENT: KESTREL AECOM FIELD REPRESENTATIVE: L. ALEXANDER, S. ROSS, C. SUDDETH, J. LEAPHART

SUBCONTRACTOR: NA

SUBCONTRACTOR PERSONNEL ON SITE: NA; CYNDE DEVLIN, SHIRISHAPERRY (DIR) & H. MORRIS (KESTREL) ONSITE

BRIEF SUMMARY OF WORK PERFORMED: Set up transducers in wells - see list below & SPREADSHEET FOR XD DETAILS

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
		NOTE: SEE SPREADSHEET FOR XD DETAILS
0600	0905	LALEXANDER DRIVE FROM GREENVILLE TO PINEWOODS
0905	1050	MEET SROSS, C. SUDDETH & J. LEAPHART AT SITE. J. LEAPHART & LALEXANDER GO THRU SAFETY TRAINING. C. SUDDETH & SROSS WENT TO SET UP ON WELLS MW078T, UB0021, MW077P. ~0945 LALEXANDER & J. LEAPHART MEET CREW AT WELL SET UP BARD XD.
1050	1225	SROSS & LALEXANDER BREAK OFF & MOB TO MW103P, MW102S, MW101T & UB0031. C. SUDDETH & J. LEAPHART ON P114 CLUSTER. ~1100 CYNDE DEVLIN & OFFSITE ~1115 H. MORRIS OFFSITE NOTE: LUNCH ~1230-1300
1300	1520 ¹⁴²⁰	SROSS & LALEXANDER ONSITE AT UB0027, MW092SR, MW093PR & MW098TR. TAKE CAPS OFF & COLLECT WL READINGS. SET UP XDS. NOTE: 1318, take photo of WL collection at UB0027
1350 ¹⁴²⁰	1530	SROSS & LALEXANDER ONSITE AT MW094PR, MW126T & UB0025 TAKE OFF CAPS, COLLECT WL READINGS, & SET UP XDS.
1530	1600	ONSITE AT MW063SR - REPLACEMENT FOR MW001. COLLECT WL & SET UP XDS
1600	1620	MEET OTHER CREW TO GET XDS FOR NEXT WELLS
1620	1700	ONSITE AT MW095SR, MW091PR, MW089T & UB0026. COLLECT WLS & SET XDS. OTHER CREW ARRIVES @ 1645.
1700	1720	MOB TO CHANGE HOUSE TO STORE EQUIPMENT & SIGN OUT
1720	1820 ¹⁸³⁰	LALEXANDER & SROSS OFFSITE. LALEXANDER DRIVES TO GUILLE

FIELD REPRESENTATIVES SIGNATURE: Lester Alexander DATE: 8/29/11



Tailgate Safety Meeting Log*

This sign-in log documents the topics of the tailgate safety briefing and individual attendance at the briefing. Personnel who perform work operations onsite are required to attend each safety briefing and acknowledge their ability to ask questions and receipt of such briefings daily. Please provide a brief narrative of the following topics as applicable to the Project.

Meeting Leader: *C. Suddeth* Signature: *Charles K. Suddeth*

Date / Time: *2/30/11 0850* Project Name & Location: *Pinewood Hydraulic Evaluation*

Weather Conditions: *cloudy, warm* Project Number:

Topic	Discussion (Circle one)
Today's Scope of Work (All tasks)	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Schedule / New Work / Scope Changes	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Reviewed Procedures, THA, etc.	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Emergency Action Plan & Procedures	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Communications Protocol	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required PPE	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required Monitoring / Instruments	<input type="radio"/> yes / <input checked="" type="radio"/> NA
Site Control / Work Zones / Security	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Access / Egress / Slips, Trips, & Falls	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Smoking, Eating, & Drinking	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Washroom / Facilities Location	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Heat/Cold Stress	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Exclusion Areas Barricades / Cones	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required Permits, Passes, Keys, etc.	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Decon Procedures / IDW Mngmt	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Equipment Inspections / Safety Checklists	<input type="radio"/> yes / <input checked="" type="radio"/> NA

Comments/Other:

Tailgate Meeting Attendees	
Printed Name	Signature
<i>Chuck Suddeth</i>	<i>Charles K. Suddeth</i>
<i>James Leaphart</i>	<i>J. Leaphart</i>

*This form is to be utilized for documenting daily safety meetings and stored with project files upon completion

Six Questions for Success – As your final preparedness take two minutes to think through and answer these questions:

1. What are we about to do?
2. What equipment are we going to use?
3. Have I/we been trained to use this equipment?
4. Have I/we been trained to do this job?
5. How can I/we be hurt?
6. How can I/we prevent this incident?

If you and your team aren't prepared to do the assigned work, **STOP WORK**, and take time to properly prepare.

End of Day Sign-off: Site Safety Officer Signature

Charles K. Suddeth

No Incidents Occurred

Number of Near Misses/Observations Reported None

All Incidents Reported to Supervisor, SH&E Manager and Reporting Line

Lessons Learned/Comments/Other:

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

22 LA
35 complete

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
Baro ✓	NA	NA	NA					NA	NA	NA	Baro	0	0.00	NA	NA	NA
MW040P	PSL	2145171.9	675486.56	34.08	29.08	91.21	96.21	4	96.21	125.29	20	20	65.60	15.850	10.180	22.310
MW058P ✓	PSL	2144114.56	677580.64	51.28	41.28	88.79	98.79	4	98.79	140.07	20	25	82.00	18.230	14.450	23.790
MW077P ✓	PSL	2146469.18	675823.7	30.4	25.4	115.71	120.71	4	120.71	146.11	20	30	98.40	26.580	19.200	37.100
MW091PR ✓	PSL	2145775.77	677609.87	34.41	29.41	125.78	130.78	4	130.78	160.19 ✓	20	35	114.80	30.550	22.650	39.350
MW093PR ✓	PSL	2148003.88	676809.11	17.43	12.43	159.84	164.84	4	164.84	177.27 ✓	20	40	131.20	28.800	14.940	40.500
MW094PR ✓	PSL	2147312.57	677584.03	14.47	9.47	163.34	168.34	4	168.34	177.81 ✓	20	45	147.60	41.000	19.700	48.940
MW095P	PSL	2148081.33	676175.54	22.2	17.2	153.15	158.15	4	158.15	175.35	20	40	131.20	30.750	16.240	42.600
MW103P ✓	PSL	2146572.88	676666.69	31.92	26.92	135.5	140.5	4	140.5	167.42 ✓	20	40	131.20	39.620	30.400	48.730
MW130P	PSL	2145442.66	676806.48	29.27	24.27	112.69	117.69	4	117.69	141.96	20	30	98.40	32.250	23.980	40.990
SL023	PSL	2144283.21	676457.69	41.03	36.03	90.3	95.3	4	95.3	131.33	20	25	82.00	26.970	23.220	31.550
MW001 ✓	SSL	2145851.33	677784.15	48.54	38.54	118.3	128.3	2	128.3	166.84	20	35	114.80	NA	23.110	32.800
MW063SR ✓	SSL	2145699.33	677788.45	45.97	40.97	116.45	121.45	4	121.45	162.42	20	35	114.80	28.300	20.370	37.100
MW010	SSL	2145166.69	675501.17	56.74	46.74	69.08	79.08	2	79.08	125.82	20	20	65.60	21.050	19.930	27.800
MW021	SSL	2144303.4	676467.93	72.01	62.01	59.97	69.97	2	69.97	131.98	20	18	59.04	11.440	10.660	15.720
MW038SR	SSL	2146283.47	675387.79	49.53	44.53	83.66	88.66	4	88.66	133.19	20	25	82.00	26.600	21.090	36.490
MW059S ✓	SSL	2144142.71	677701.83	68.64	58.64	72.61	82.61	4	82.61	141.25	20	22	72.16	8.510	5.030	14.690

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time (proper time)	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
Baro	1	L0479	33.645	NA	8/29	10:26	∅	NA	NA	NA	
MW040P	1	H8317						MW40P.jpg	3/4	Well Wizard	
MW058P	1	H8280						MW40P.jpg	3/4	Well Wizard	
MW077P	1	K0062						MW78T.jpg	NA	Rounded top, Slip cap	
MW091PR	2	H8285	64.117	85.26	8/29/11	15:34	0.14'	UBC011	3/4	Well Wizard	Cable Serial # AS6035-1135041
MW093PR	2	K0068	59.741	105.87	8/29/11	12:55	∅	UBC011	3/4	Well Wizard	Cable Serial # AS6040-1032067 TOC should be changed to 177.27
MW094PR	2	K0083	61.919	120.12	8/29/11	14:01	∅	UBC011	3/4	Well Wizard	Cable serial # AS6045-1135038
MW095P	2	H8301						UBC011	3/4	Well Wizard	
MW103P	2	H8298	72.044	93.40	8/29/11	11:07	∅	MW40P.jpg	3/4	Well Wizard	Cable Serial # AS6040-1032071
MW130P	3	K0077						UBC011	3/4	Well Wizard	
SL023	3	H8306						SL23.jpg	11/16	Well Wizard (w/ 2 pumps)	
MW001	3	H8281						NA	NA	pump stuck in well - Kestrel recommends do not use	Replace with MW063SR?
MW063SR	3	H8281	62.369	87.43	8/29/11	14:41	0.14'	NA	NA		Cable Serial # AS6035-1135045 Replacement well for MW001
MW010	3	K0075						MW21.jpg	11/16	Well Wizard	
MW021	3	H8283						MW21.jpg	11/16	Well Wizard	
MW038SR	4	J4675						MW38SR.jpg	11/16	Well Wizard	
MW059S	4	J4686						MW38SR.jpg	11/16	Well Wizard	

**Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation**

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
MW082S	SSL	2145431.33	676788.68	55.2	50.2	86.35	91.35	4	91.35	141.55	20	26	85.28	20.950	14.790	32.480
MW090SR✓	SSL	2145777.69	677619.28	49.1	44.1	111	116	4	116	160.1	20	30	98.40	14.330	6.430	23.150
MW092SR✓	SSL	2148000.32	676819.91	28.17	23.17	149.41	154.41	4	154.41	177.58	20	40	131.20	28.470	14.600	40.220
MW102S✓	SSL	2146573.55	676674.81	42.22	37.22	125.5	130.5	4	130.5	167.72	20	35	114.80	23.140	14.490	34.470
MW041T	TLS	2145178.05	675493.91	69.63	59.63	56.36	66.36	4	66.36	125.99	20	17	55.76	14.170	13.620	19.900
MW052T	TLS	2144290.61	676448.73	78.81	73.81	52.54	57.54	4	57.54	131.35	20	16	52.48	6.580	5.550	9.590
MW061T✓	TLS	2144144.11	677713.34	82.72	77.72	58.4	63.4	4	63.4	141.12	20	17	55.76	15.030	14.870	16.910
MW078T✓	TLS	2146459.95	675832.24	58.1	53.1	87.69	92.69	4	92.69	145.79	20	25	82.00	17.100	15.180	26.920
MW081T	TLS	2145441.84	676795.14	73.08	68.08	68.55	73.55	4	73.55	141.63	20	20	65.60	32.430	31.720	34.380
MW089T✓	TLS	2145785.6	677622.5	55.99	50.99	104.21	109.21	4	109.21	160.2	20	30	98.40	16.080	9.500	24.640
MW096T	TLS	2148083.48	676190.42	42.51	37.51	133.27	138.27	4	138.27	175.78	20	40	131.20	41.760	41.510	56.800
MW097T	TLS	2147236.21	675532.78	23.1	13.1	138.72	148.72	4	148.72	161.82	20	40	131.20	44.030	30.580	55.800
MW098TR✓	TLS	2147997.25	676829.99	43.17	38.17	134.48	139.48	4	139.48	177.65	20	40	131.20	28.750	15.830	40.820
MW101T✓	TLS	2146580.31	676683.31	57.46	47.46	110.5	120.5	4	120.5	167.96	20	34	111.52	20.400	12.640	33.650
MW126T✓	TLS	2147328.09	677574.14	41.15	36.15	136	141	4	141	177.15	20	40	131.20	29.030	16.010	40.750
MW134T	TLS	2416270.52	675401.77	55.52	55.52	132.94	77.42	4	77.42	132.94	20	20	65.60	24.130	21.720	30.730
P112A✓	TLS-Channel	2146416.78	677692.79	24.26	19.26	130.19	135.19	2	135.19	154.45	20	40	131.20	54.360	46.380	64.490

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
MW082S	4	J4712						MW40P.jpg	3/4	Well Wizard	
MW090SR	4	J4684	51.165	84.95	8/29/11	15:40	0	MW40P.jpg	3/4	Well Wizard	Cable Serial # AS6030-1042025
MW092SR	4	H8282	59.275	106.07	8/27/11	13:01	0	UBC011	3/4	Well Wizard	Cable Serial # AS6040-1032067
MW102S	5	K0063	57.18	92.72	8/29/11	11:12	0	MW40P.jpg	3/4	Well Wizard	Cable Serial # AS6035-1135042
MW041T	5	H8293						MW38SR.jpg	11/16	Well Wizard	
MW052T	5	K0076					<1	MW38SR.jpg	11/16	Well Wizard	
MW061T	5	K0058						MW38SR.jpg	11/16	Well Wizard	
MW078T	5	K0066						MW78T.jpg	NA	Rounded top, Slip cap	
MW081T	6	H8284						MW40P.jpg	3/4	Well Wizard	
MW089T	6	K5689	50.581	82.09	8/29/11	15:44	0	MW40P.jpg	3/4	Well Wizard	Cable Serial # AS6030-1042028 Need to change JOC - 160.2
MW096T	6	H8300						UBC011	3/4	Well Wizard	
MW097T	6	H8308						UBC011	3/4	Well Wizard	
MW098TR	6	K0073	62.69	102.84	8/29/11	13:05	0	UBC011	3/4	Well Wizard	Cable Serial # AS6040-1032026
MW101T	7	H3184	54.99	91.34	8/29/11	11:17	0	MW38SR.jpg	11/16	Well Wizard	Cable Serial # AS6034-1135031
MW126T	7	H3175	61.43	104.65	8/29/11	13:52	0	MW40P.jpg	3/4	Well Wizard	Cable Serial # AS6040-1035002
MW134T	7	H3205						MW38SR.jpg	11/16	Well Wizard	
P112A	7	H3180					2	P114B.jpg	NA	Expandable Cap	

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
P112B ✓	TLS-Channel	2146406.47	677694.36	15.35	10.35	139.22	144.22	2	144.22	154.57	20	40	131.20	53.040	43.050	62.770
P112C ✓	TLS-Channel	2146396.15	677696.62	-2.57	-7.57	157.15	162.15	2	162.15	154.58	20	40	131.20	52.630	40.370	62.350
P112D ✓	TLS-Channel	2146385.93	677698.94	-14.61	-19.61	169.15	174.15	2	174.15	154.54	20	40	131.20	52.700	41.050	62.400
P114A ✓	TLS-Channel	2147041.63	676538.83	29.9	25.9	119.27	123.27	2	123.27	149.17	20	30	98.40	24.690	12.500	35.870
P114B ✓	TLS-Channel	2147050.77	676532.02	13.86	9.86	134.42	138.42	2	138.42	148.28	20	40	131.20	57.820	45.210	68.950
P114C ✓	TLS-Channel	2147057.66	676526.4	-6.75	-11.75	154.5	159.5	2	159.5	147.75	20	40	131.20	58.880	45.590	69.210
P114D ✓	TLS-Channel	2147067.69	676520.47	-20.38	-24.83	167.54	171.99	2	171.99	147.16	20	40	131.20	59.400	46.150	69.730
PBC004	UBC-A	2144304.42	676448.26	26.75	22.75	104.72	108.72	2	108.72	131.47	20	30	98.40	43.200	39.410	47.680
UBC011	UBC-A	2145159.85	675510.49	19.19	14.19	106.41	111.41	4	111.41	125.6	20	30	98.40	48.250	42.470	54.800
UBC021 ✓	UBC-A	2146478.22	675814.99	10.6	0.6	135.54	145.54	4	145.54	146.14	20	30	98.40	27.650	16.890	37.430
UBC023	UBC-A	2145421.56	676779.25	16.25	11.25	125	130	4	130	141.25	20	30	98.40	32.830	20.700	42.610
UBC025 ✓	UBC-A	2147318.91	677569.43	4.9	-0.1	173.34	178.34	4	178.34	178.24	20	40	131.20	28.620	15.550	39.120
UBC026 ✓	UBC-A	2145787.3	677583.7	30.17	25.17	130.5	135.5	4	135.5	160.67	20	40	131.20	46.470	34.260	56.170
UBC027 ✓	UBC-A	2148015.08	676802.14	1.9	-3.1	175.4	180.4	4	180.4	177.3	20	40	131.20	29.290	15.370	40.270
UBC028AR	UBC-A	2148088.34	676168.88	9.44	4.44	165.59	170.59	4	170.59	175.03	20	40	131.20	31.050	16.450	45.050
UBC031 ✓	UBC-A	2146567.96	676657.39	13.6	8.6	153.5	158.5	4	158.5	167.1	20	40	131.20	39.900	27.160	49.810
UBC052 ✓	UBC-A	2144148.01	677721.65	24.59	19.59	116.36	121.36	4	121.36	140.95	20	30	98.40	33.490	22.840	42.290

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
P112B	7	H3166						P114B.jpg	NA	Expandable Cap	
P112C	8	H1673						P114B.jpg	NA	Expandable Cap	
P112D	8	H1435						P114B.jpg	NA	Expandable Cap	
P114A	8	H3163						P114B.jpg	NA	Expandable Cap	
P114B	8	H3203						P114B.jpg	NA	Expandable Cap	
P114C	8	H3179						P114B.jpg	NA	Expandable Cap	
P114D	9	J4722						P114B.jpg	NA	Expandable Cap	
PBC004	9	J4721						MW21.jpg	11/16	Well Wizard	
UBC011	9	J4694						UBC011	3/4	Well Wizard	
UBC021	9	J4698						MW78T.jpg	NA	Rounded top, Slip cap	
UBC023	9	J4704						UBC011	3/4	Well Wizard	
UBC025 ✓	10	J4716	57.339	108.30	8/29/11	13:52	∅	UBC011	3/4	Well Wizard	Cable Serial # AS6040-1034039
UBC026	10	J4713	75.43	89.95	8/29/11	15:29	10.13'	UBC011	3/4	Well Wizard	Cable Serial # AS6040-1035004
UBC027	10	J4689	58.048	107.92	8/29/11	12:49	∅	UBC011	3/4	Well Wizard	Cable Serial # AS6040-1032072
UBC028AR	10	J4708						UBC011	3/4	Well Wizard	
UBC031	10	J4710	69.094	96.53	8/29/11	10:58	∅	UBC011	3/4	Well Wizard	Cable Serial # AS6040-1032027
UBC052	11	J4695						MW40P.jpg	3/4	Well Wizard	

**Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation**

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
MW140S	SSDL	2148077.05	676191.09	30.75	25.75	145.131	150.131	2	147	175.88	20	40	131.2	NA	42.52	42.52
UBC056	UBC 1	2147264.35	675477.52	18.15	13.15	145.939	150.939	2	148	164.09	20	40	131.2	NA	53.71	53.71
UBC055	UBC 1	2147621.35	675966.24	19.56	14.56	139.046	144.046	2	141	158.61	20	40	131.2	NA	59.48	59.48
MW141T	TLS	2147616.48	675961.84	37.51	32.51	121.026	126.026	2	123	158.54	20	30	98.4	NA	17.39	17.39
MW139S ✓	SSDL	2147041.82	677389.85	35.37	30.37	128.052	133.052	2	130	163.42	20	35	114.8	NA	40.95	40.95
UBC054 ✓	UBC 1	2146739.54	677662.61	5.02	0.02	152.972	157.972	2	155	157.99	20	40	131.2	NA	58.94	58.94
MW138P ✓	PSDL	2146744.82	677661.89	12.87	7.87	144.912	149.912	2	147	157.78	20	40	131.2	NA	58.87	58.87
MW137T ✓	TLS	2146751.47	677660.77	38.63	28.63	118.999	128.999	2	126	157.63	20	35	114.8	NA	38.96	38.96

Notes:

- BTOC - Below Top of Casing
- BGS - Below Ground Surface
- Col - column
- NA - Not available
- WL - water level
- XD - Transducer

Indicates a proposed custom cut cable length

Indicates a cap that will need to be replaced for transducer deployment

Indicates a well with a stuck pump that will need a replacement chosen for XD deployment

Indicates a well where it is expected that XD cable will be out of the well based on well geometry and cable length.

Indicates the well is a replacement for a well in the original proposal

red text indicates as calculated value

1. The 20 m Micro-Diver is model DI 602

**Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation**

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
MW140S	11	J4674						NA	NA	Unknown	
UBC056	11	J4699						NA	NA	Unknown	
UBC055	11	J4703						NA	NA	Unknown	
MW141T	11	J4705						NA	NA	Unknown	
MW139S	12	H8296						NA	NA	Unknown	
UBC054	12	H8313						NA	NA	Unknown	
MW138P	12	H8294						NA	NA	Unknown	
MW137T	12	H8291						NA	NA	Unknown	

Notes:

- BTOC - Below T
- BGS - Below Gr
- Col - column
- NA - Not availab
- WL - water level
- XD - Transducer



red text indicate:
1. The 20 m Mic

Team: Chuck Suddeth and James Leaphart

**Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation**

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
Baro	NA	NA	NA					NA	NA	NA	Baro	0	0.00	NA	NA	NA
MW040P	PSL	2145171.9	675486.56	34.08	29.08	91.21	96.21	4	96.21	125.29 ✓	20	20	65.60	15.850	10.180	22.310
MW058P	PSL	2144114.56	677580.64	51.28	41.28	88.79	98.79	4	98.79	140.07 ✓	20	25	82.00	18.230	14.450	23.790
MW077P	PSL	2146469.18	675823.7	30.4	25.4	115.71	120.71	4	120.71	146.11 ✓	20	30	98.40	26.580	19.200	37.100
MW091PR	PSL	2145775.77	677609.87	34.41	29.41	125.78	130.78	4	130.78	160.19	20	35	114.80	30.550	22.650	39.350
MW093PR	PSL	2148003.88	676809.11	17.43	12.43	159.84	164.84	4	164.84	177.27	20	40	131.20	28.800	14.940	40.500
MW094PR	PSL	2147312.57	677584.03	14.47	9.47	163.34	168.34	4	168.34	177.81	20	45	147.60	41.000	19.700	48.940
MW095P	PSL	2148081.33	676175.54	22.2	17.2	153.15	158.15	4	158.15	175.35 ✓	20	40	131.20	30.750	16.240	42.600
MW103P	PSL	2146572.88	676666.69	31.92	26.92	135.5	140.5	4	140.5	167.42	20	40	131.20	39.620	30.400	48.730
MW130P	PSL	2145442.66	676806.48	29.27	24.27	112.69	117.69	4	117.69	141.96 ✓	20	30	98.40	32.250	23.980	40.990
SL023	PSL	2144283.21	676457.69	41.03	36.03	90.3	95.3	4	95.3	131.33 ✓	20	25	82.00	26.970	23.220	31.550
MW001	SSL	2145851.33	677784.15	48.54	38.54	118.3	128.3	2	128.3	166.84	20	35	114.80	NA	23.110	32.800
MW063SR	SSL	2145699.33	677788.45	45.97	40.97	116.45	121.45	4	121.45	162.42	20	35	114.80	28.300	20.370	37.100
MW010	SSL	2145166.69	675501.17	56.74	46.74	69.08	79.08	2	79.08	125.82 ✓	20	20	65.60	21.050	19.930	27.800
MW021	SSL	2144303.4	676467.93	72.01	62.01	59.97	69.97	2	69.97	131.98 ✓	20	18	59.04	11.440	10.660	15.720
MW038SR	SSL	2146283.47	675387.79	49.53	44.53	83.66	88.66	4	88.66	133.19 ✓	20	25	82.00	26.600	21.090	36.490
MW059S	SSL	2144142.71	677701.83	68.64	58.64	72.61	82.61	4	82.61	141.25 ✓	20	22	72.16	8.510	5.030	14.690

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
Baro	1	L0479		NA				NA	NA	NA	XD Serial # DI 500, M, SN 40479
MW040P	1	H8317	49.170	50.83	8/30/11	1408	0	MW40P.jpg	3/4	Well Wizard	Wire SN: A56020-1110012
MW058P	1	H8280	52.005	64.11	8/29/11	1533	0	MW40P.jpg	3/4	Well Wizard	Wire SN: A56025-1135044
MW077P	1	K0062	62.746	62.746 70.44	8/29/11	0941 0940	0	MW78T.jpg	NA	Rounded top, Slip cap	XD Serial # DI 602-20M, SN K0062 Cable Serial # A56030-1108030
MW091PR	2	H8285						UBC011	3/4	Well Wizard	
MW093PR	2	K0068						UBC011	3/4	Well Wizard	
MW094PR	2	K0083						UBC011	3/4	Well Wizard	
MW095P	2	H8301	61.047	104.94	8/30/11	1110	0	UBC011	3/4	Well Wizard	Wire SN: A56040-1035005
MW103P	2	H8298						MW40P.jpg	3/4	Well Wizard	
MW130P	3	K0077	65.502	67.50	8/30/11	1020	0	UBC011	3/4	Well Wizard	Cable SN: A56030-1042021
SL023	3	H8306	60.233	56.39	8/30/11	0901	0	SL23.jpg	11/16	Well Wizard (w/ 2 pumps)	Wire SN: A56025-1135045
MW001	3	H8281						NA	NA	pump stuck in well - Kestrel recommends do not use	Replace with MW063SR?
MW063SR	3	H8281						NA	NA		Replacement well for MW001
MW010	3	K0075	56.680	43.15	8/30/11	1401	0	MW21.jpg	11/16	Well Wizard	Wire SN: A56020-1110019
MW021	3	H8283	46.483	47.23	8/30/11	0918	0	MW21.jpg	11/16	Well Wizard	Wire SN: A560-1135034
MW038SR	4	J4675	61.952	54.43	8/30/11	1325	0	MW38SR.jpg	11/16	Well Wizard	Wire SN: A56025-1135046
MW059S	4	J4686	42.664	63.14	8/29/11	1521	0	MW38SR.jpg	11/16	Well Wizard	Wire SN: A56022-1135037

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
MW082S	SSL	2145431.33	676788.68	55.2	50.2	86.35	91.35	4	91.35	141.55 ✓	20	26	85.28	20.950	14.790	32.480
MW090SR	SSL	2145777.69	677619.28	49.1	44.1	111	116	4	116	160.1	20	30	98.40	14.330	6.430	23.150
MW092SR	SSL	2148000.32	676819.91	28.17	23.17	149.41	154.41	4	154.41	177.58	20	40	131.20	28.470	14.600	40.220
MW102S	SSL	2146573.55	676674.81	42.22	37.22	125.5	130.5	4	130.5	167.72	20	35	114.80	23.140	14.490	34.470
MW041T	TLS	2145178.05	675493.91	69.63	59.63	56.36	66.36	4	66.36	125.99 ✓	20	17	55.76	14.170	13.620	19.900
MW052T	TLS	2144290.61	676448.73	78.81	73.81	52.54	57.54	4	57.54	131.35 ✓	20	16	52.48	6.580	5.550	9.590
MW061T	TLS	2144144.11	677713.34	82.72	77.72	58.4	63.4	4	63.4	141.12 ✓	20	17	55.76	15.030	14.870	16.910
MW078T	TLS	2146459.95	675832.24	58.1	53.1	87.69	92.69	4	92.69	145.79 ✓	20	25	82.00	17.100	15.180	26.920
MW081T	TLS	2145441.84	676795.14	73.08	68.08	68.55	73.55	4	73.55	141.63 ✓	20	20	65.60	32.430	31.720	34.380
MW089T	TLS	2145785.6	677622.5	55.99	50.99	104.21	109.21	4	109.21	160.2	20	30	98.40	16.080	9.500	24.640
MW096T	TLS	2148083.48	676190.42	42.51	37.51	133.27	138.27	4	138.27	175.78 ✓	20	40	131.20	41.760	41.510	56.800
MW097T	TLS	2147236.21	675532.78	23.1	13.1	138.72	148.72	4	148.72	161.82 ✓	20	40	131.20	44.030	30.580	55.800
MW098TR	TLS	2147997.25	676829.99	43.17	38.17	134.48	139.48	4	139.48	177.65	20	40	131.20	28.750	15.830	40.820
MW101T	TLS	2146580.31	676683.31	57.46	47.46	110.5	120.5	4	120.5	167.96	20	34	111.52	20.400	12.640	33.650
MW126T	TLS	2147328.09	677574.14	41.15	36.15	136	141	4	141	177.15	20	40	131.20	29.030	16.010	40.750
MW134T	TLS	2416270.52	675401.77	55.52	55.52	132.94	77.42	4	77.42	132.94 ✓	20	20	65.60	24.130	21.720	30.730
P112A	TLS-Channel	2146416.78	677692.79	24.26	19.26	130.19	135.19	2	135.19	154.45 ✓	20	40	131.20	54.360	46.380	64.490

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
MW082S	4	J4712	56.037	63.60	8/30/11	0959	0	MW40P.jpg	3/4	Well Wizard	Cable SN: A56026-1135036
✓ MW090SR	4	J4684						MW40P.jpg	3/4	Well Wizard	
✓ MW092SR	4	H8282						UBC011	3/4	Well Wizard	
✓ MW102S	5	K0063						MW40P.jpg	3/4	Well Wizard	
MW041T	5	H8293	49.738	40.30	8/30/11	1414	0	MW38SR.jpg	11/16	Well Wizard	Wire SN: A56017-1135033
MW052T	5	K0076 ✓	40.420	46.44	8/30/11	0851	0 <1	MW38SR.jpg	11/16	Well Wizard	Wire SN: A56016-1135032
MW061T	5	K0058 ✓	49.688	40.37	8/29/11	1511	0	MW38SR.jpg	11/16	Well Wizard	Wire SN: A56017-1135035
MW078T	5	K0066 ✓	53.737	62.35	6/29/11	0949 0942	0	MW78T.jpg	NA	Rounded top, Slip cap	Wire SN: A56025-1135047 Cable serial # A56025-1135047
MW081T	6	H8284	67.064	32.75	8/30/11	1009	0	MW40P.jpg	3/4	Well Wizard	Cable SN: A56020-1110011
✓ MW089T	6	K5689						MW40P.jpg	3/4	Well Wizard	
MW096T	6	H8300 ✓	92.159	73.87	8/30/11	1118	0	UBC011	3/4	Well Wizard	Wire SN: A56040-1035001
MW097T	6	H8308	74.852	90.23	8/30/11	1228	0	UBC011	3/4	Well Wizard	Cable SN: A56040-1034035
✓ MW098TR	6	K0073						UBC011	3/4	Well Wizard	
✓ MW101T	7	H3184					2	MW38SR.jpg	11/16	Well Wizard	
✓ MW126T	7	H3175						MW40P.jpg	3/4	Well Wizard	
MW134T	7	H3205	59.150	40.93	8/30/11	1315	0	MW38SR.jpg	11/16	Well Wizard	Cable SN: A56020-1110014
P112A	7	H3180 ✓	89.131	77.46	8/29/11	1318	2	P114B.jpg	NA	Expandable Cap	Wire SN: A56040-1108025

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
P112B	TLS-Channel	2146406.47	677694.36	15.35	10.35	139.22	144.22	2	144.22	Diver 154.42 154.57 ✓	20	40	131.20	53.040	43.050	62.770
P112C	TLS-Channel	2146396.15	677696.62	-2.57	-7.57	157.15	162.15	2	162.15	154.58 ✓	20	40	131.20	52.630	40.370	62.350
P112D	TLS-Channel	2146385.93	677698.94	-14.61	-19.61	169.15	174.15	2	174.15	154.54 ✓	20	40	131.20	52.700	41.050	62.400
P114A	TLS-Channel	2147041.63	676538.83	29.9	25.9	119.27	123.27	2	123.27	149.17 ✓	20	30	98.40	24.690	12.500	35.870
P114B	TLS-Channel	2147050.77	676532.02	13.86	9.86	134.42	138.42	2	138.42	148.28 ✓	20	40	131.20	57.820	45.210	68.950
P114C	TLS-Channel	2147057.66	676526.4	-6.75	-11.75	154.5	159.5	2	159.5	147.75 ✓	20	40	131.20	58.880	45.590	69.210
P114D	TLS-Channel	2147067.69	676520.47	-20.38	-24.83	167.54	171.99	2	171.99	147.16 ✓	20	40	131.20	59.400	46.150	69.730
PBC004	UBC-A	2144304.42	676448.26	26.75	22.75	104.72	108.72	2	108.72	131.47 ✓	20	30	98.40	43.200	39.410	47.680
UBC011	UBC-A	2145159.85	675510.49	19.19	14.19	106.41	111.41	4	111.41	125.6 ✓	20	30	98.40	48.250	42.470	54.800
UBC021	UBC-A	2146478.22	675814.99	10.6	0.6	135.54	145.54	4	145.54	146.14 ✓	20	30	98.40	27.650	16.890	37.430
UBC023	UBC-A	2145421.56	676779.25	16.25	11.25	125	130	4	130	141.25 ✓	20	30	98.40	32.830	20.700	42.610
UBC025	UBC-A	2147318.91	677569.43	4.9	-0.1	173.34	178.34	4	178.34	178.24	20	40	131.20	28.620	15.550	39.120
UBC026	UBC-A	2145787.3	677583.7	30.17	25.17	130.5	135.5	4	135.5	160.67	20	40	131.20	46.470	34.260	56.170
UBC027	UBC-A	2148015.08	676802.14	1.9	-3.1	175.4	180.4	4	180.4	177.3	20	40	131.20	29.290	15.370	40.270
UBC028AR	UBC-A	2148088.34	676168.88	9.44	4.44	165.59	170.59	4	170.59	175.03 ✓	20	40	131.20	31.050	16.450	45.050
UBC031	UBC-A	2146567.96	676657.39	13.6	8.6	153.5	158.5	4	158.5	167.1	20	40	131.20	39.900	27.160	49.810
UBC052	UBC-A	2144148.01	677721.65	24.59	19.59	116.36	121.36	4	121.36	140.95 ✓	20	30	98.40	33.490	22.840	42.290

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
P112B	7	H3166	86.624	79.88	8/29/11	1310	0	P114B.jpg	NA	Expandable Cap	Wire S/N AS6040 AS6040 - 1108023
P112C	8	H1673	82.595	83.85	8/29/11	1303	0	P114B.jpg	NA	Expandable Cap	Wire S/N AS6040 - 1108024
P112D	8	H1435	81.932	83.76	8/29/11	1254	0	P114B.jpg	NA	Expandable Cap	Wire S/N AS6040 - 1032076
P114A	8	H3163 ✓	57.326	75.73	8/29/11	1049	0	P114B.jpg	NA	Expandable Cap	Wire Serial # AS6030 - 1042017
P114B	8	H3203 ✓	89.436	76.08	8/29/11	1100	0	P114B.jpg	NA	Expandable Cap	Wire Serial # AS6040 - 1032075
P114C	8	H3179 ✓	87.894	77.85	8/29/11	1112	0	P114B.jpg	NA	Expandable Cap	Wire Serial # AS6040 - 1032069
P114D	9	J4722	88.166	77.30	8/29/11	1119	0	P114B.jpg	NA	Expandable Cap	Wire Serial # AS6040 - 1032074
PBC004	9	J4721 ✓	73.245	56.59	8/30/11	0911	0	MW21.jpg	11/16	Well Wizard	Wire S/N AS6030 - 1042026
UBC011	9	J4694	81.598	51.24	8/30/11	1350	0	UBC011	3/4	Well Wizard	Wire SN: AS6030 - 1042022 1042022
UBC021	9	J4698	58.891	73.73	8/29/11	0958 0937	0	MW18T.jpg	NA	Rounded top, Slip cap	See XD DI 602-2011, SN J-1698 Cable Serial # AS6030/1042019 Cable SN: AS6030 - 1042017
UBC023	9	J4704	65.600	70.86	8/30/11	0949	0	UBC011	3/4	Well Wizard	
UBC025	10	J4716						UBC011	3/4	Well Wizard	
UBC026	10	J4713					2	UBC011	3/4	Well Wizard	
UBC027	10	J4689						UBC011	3/4	Well Wizard	
UBC028AR	10	J4708 ✓	60.978	104.95	8/30/11	1056	0	UBC011	3/4	Well Wizard	Wire S/N AS6040 - 1035003
UBC031	10	J4710						UBC011	3/4	Well Wizard	
UBC052	11	J4695	63.573	69.37	8/29/11	1452	0	MW40P.jpg	3/4	Well Wizard	Wire SN: AS6030 - 1042024

**Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation**

Well ID	Screened Zone	X Coordinate	Y Coordinate	Top of Screen Elevation (Feet)	Bottom of Screen Elevation (Feet)	Top of Screen Depth (ft BTOC)	Bottom of Screen Depth (ft BTOC)	Well Diameter (inches)	Total Depth (feet)	TOC Elevation (Feet)	Micro Diver model ¹ (m)	Cable Length Needed (m)	Top XD Depth based on cable length (feet BTOC)	Water Column above XD based on May WL (feet)	Water Col. above XD based on Min WL (feet)	Water Col. above XD based on Max WL (feet)
MW140S	SSDL	2148077.05	676191.09	30.75	25.75	145.131	150.131	2	147	175.88 ✓	20	40	131.2	NA	42.52	42.52
UBC056	UBC 1	2147264.35	675477.52	18.15	13.15	145.939	150.939	2	148	164.09 ✓	20	40	131.2	NA	53.71	53.71
UBC055	UBC 1	2147621.35	675966.24	19.56	14.56	139.046	144.046	2	141	158.61 ✓	20	40	131.2	NA	59.48	59.48
MW141T	TLS	2147616.48	675961.84	37.51	32.51	121.026	126.026	2	123	158.54 ✓	20	30	98.4	NA	17.39	17.39
MW139S	SSDL	2147041.82	677389.85	35.37	30.37	128.052	133.052	2	130	163.42 ✓	20	35	114.8	NA	40.95	40.95
UBC054	UBC 1	2146739.54	677662.61	5.02	0.02	152.972	157.972	2	155	157.99 ✓	20	40	131.2	NA	58.94	58.94
MW138P	PSDL	2146744.82	677661.89	12.87	7.87	144.912	149.912	2	147	157.78 ✓	20	40	131.2	NA	58.87	58.87
MW137T	TLS	2146751.47	677660.77	38.63	28.63	118.999	128.999	2	126	157.63 ✓	20	35	114.8	NA	38.96	38.96

Notes:

BTOC - Below Top of Casing

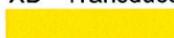
BGS - Below Ground Surface

Col - column

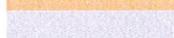
NA - Not available

WL - water level

XD - Transducer

 Indicates a proposed custom cut cable length

 Indicates a cap that will need to be replaced for transducer deployment

 Indicates a well with a stuck pump that will need a replacement chosen for XD deployment

 Indicates a well where it is expected that XD cable will be out of the well based on well geometry and cable length.

 Indicates the well is a replacement for a well in the original proposal

red text indicates as calculated value

1. The 20 m Micro-Diver is model DI 602

Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
MW140S	11	J4674✓	61.837	104.22	8/30/11	1125	0	NA	NA	Unknown	Wire SN: A56040-1034037
UBC056	11	J4699	75.341	90.51	8/30/11	1216	0	NA	NA	Unknown	Cable SN: A56040-1034036
UBC055	11	J4703	76.598	89.26	8/30/11	1245	0	NA	NA	Unknown	Cable SN: A56040-1034038
MW141T	11	J4705	51.614	81.53	8/30/11	1253	0	NA	NA	Unknown	Cable SN: A56030-1042020
MW139S	12	H8296✓	58.993	90.97	8/29/11	1423	0	NA	NA	Unknown	Wire SN: A56035-1135039
UBC054	12	H8313✓	77.982	87.72	8/29/11	1403	0	NA	NA	Unknown	Wire SN: A56040-1032073
MW138P	12	H8294✓	78.123	87.56	8/29/11	1356	0	NA	NA	Unknown	Wire SN: A56040-1032070
MW137T	12	H8291✓	64.951 64.948	85.05	8/29/11	1346 1345	0	NA	NA	Unknown	Wire SN: A56035-1135040

Notes:
 BTOC - Below T
 BGS - Below Gr
 Col - column
 NA - Not availab
 WL - water level
 XD - Transducer



red text indicate:
 1. The 20 m Mic



Tailgate Safety Meeting Log*

This sign-in log documents the topics of the tailgate safety briefing and individual attendance at the briefing. Personnel who perform work operations onsite are required to attend each safety briefing and acknowledge their ability to ask questions and receipt of such briefings daily. Please provide a brief narrative of the following topics as applicable to the Project.

Meeting Leader <i>Chuck Suddeth</i>	Signature <i>Charles K. Suddeth</i>
--	--

Date / Time <i>10/31/11</i>	Project Name & Location <i>Pinewood</i>
--------------------------------	--

Weather Conditions <i>cloudy, cool</i>	Project Number <i>60222141.1</i>
---	-------------------------------------

Topic	Discussion (Circle one)
Today's Scope of Work (All tasks)	<input checked="" type="radio"/> yes / NA
Schedule / New Work / Scope Changes	<input checked="" type="radio"/> yes / NA
Reviewed Procedures, THA, etc.	<input checked="" type="radio"/> yes / NA
Emergency Action Plan & Procedures	<input checked="" type="radio"/> yes / NA
Communications Protocol	<input checked="" type="radio"/> yes / NA
Required PPE	<input checked="" type="radio"/> yes / NA
Required Monitoring / Instruments	<input checked="" type="radio"/> yes / NA
Site Control / Work Zones / Security	<input checked="" type="radio"/> yes / NA
Access / Egress / Slips, Trips, & Falls	<input checked="" type="radio"/> yes / NA
Smoking, Eating, & Drinking	<input checked="" type="radio"/> yes / NA
Washroom / Facilities Location	<input checked="" type="radio"/> yes / NA
Heat/Cold Stress	<input checked="" type="radio"/> yes / NA
Exclusion Areas Barricades / Cones	<input checked="" type="radio"/> yes / NA
Required Permits, Passes, Keys, etc.	<input checked="" type="radio"/> yes / NA
Decon Procedures / IDW Mngmt	<input checked="" type="radio"/> yes / NA
Equipment Inspections / Safety Checklists	<input checked="" type="radio"/> yes / NA

Comments/Other:

Tailgate Meeting Attendees	
Printed Name	Signature
<i>James Longhart</i>	<i>[Signature]</i>

*This form is to be utilized for documenting daily safety meetings and stored with project files upon completion

Six Questions for Success – As your final preparedness take two minutes to think through and answer these questions:

1. What are we about to do?
2. What equipment are we going to use?
3. Have I/we been trained to use this equipment?
4. Have I/we been trained to do this job?
5. How can I/we be hurt?
6. How can I/we prevent this incident?

If you and your team aren't prepared to do the assigned work, ***STOP WORK***, and take time to properly prepare.

End of Day Sign-off: Site Safety Officer Signature

Charles K. Suddeth

No Incidents Occurred

Number of Near Misses/Observations Reported _____

All Incidents Reported to Supervisor, SH&E Manager and Reporting Line

Lessons Learned/Comments/Other:



Tailgate Safety Meeting Log*

This sign-in log documents the topics of the tailgate safety briefing and individual attendance at the briefing. Personnel who perform work operations onsite are required to attend each safety briefing and acknowledge their ability to ask questions and receipt of such briefings daily. Please provide a brief narrative of the following topics as applicable to the Project.

Meeting Leader <i>Chuck Suddeth</i>	Signature <i>Chuck K. Suddeth</i>
--	--------------------------------------

Date /Time <i>2/29/12</i>	Project Name & Location <i>Pinewood</i>
------------------------------	--

Weather Conditions <i>clear, mild</i>	Project Number <i>60222141</i>
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Topic	Discussion (Circle one)
Today's Scope of Work (All tasks)	<input checked="" type="radio"/> yes / NA
Schedule / New Work / Scope Changes	<input checked="" type="radio"/> yes / NA
Reviewed Procedures, THA, etc.	<input checked="" type="radio"/> yes / NA
Emergency Action Plan & Procedures	<input checked="" type="radio"/> yes / NA
Communications Protocol	<input checked="" type="radio"/> yes / NA
Required PPE	<input checked="" type="radio"/> yes / NA
Required Monitoring / Instruments	yes / <input checked="" type="radio"/> NA
Site Control / Work Zones / Security	<input checked="" type="radio"/> yes / NA
Access / Egress / Slips, Trips, & Falls	<input checked="" type="radio"/> yes / NA
Smoking, Eating, & Drinking	<input checked="" type="radio"/> yes / NA
Washroom / Facilities Location	<input checked="" type="radio"/> yes / NA
Heat/Cold Stress	yes / <input checked="" type="radio"/> NA
Exclusion Areas Barricades / Cones	<input checked="" type="radio"/> yes / NA
Required Permits, Passes, Keys, etc.	<input checked="" type="radio"/> yes / NA
Decon Procedures / IDW Mngmt	<input checked="" type="radio"/> yes / NA
Equipment Inspections / Safety Checklists	yes / <input checked="" type="radio"/> NA

Comments/Other:

Tailgate Meeting Attendees	
Printed Name	Signature

*This form is to be utilized for documenting daily safety meetings and stored with project files upon completion

2/29/12

Six Questions for Success – As your final preparedness take two minutes to think through and answer these questions:

1. What are we about to do?
2. What equipment are we going to use?
3. Have I/we been trained to use this equipment?
4. Have I/we been trained to do this job?
5. How can I/we be hurt?
6. How can I/we prevent this incident?

If you and your team aren't prepared to do the assigned work, ***STOP WORK***, and take time to properly prepare.

End of Day Sign-off: Site Safety Officer Signature

Charles K. Suddeth

No Incidents Occurred

Number of Near Misses/Observations Reported _____

All Incidents Reported to Supervisor, SH&E Manager and Reporting Line

Lessons Learned/Comments/Other:

PROJECT NUMBER: 60222141.1 DATE: 2/23/12 REPORT NUMBER: 1 of 2

PROJECT & LOCATION: Pinewood

CLIENT: Kestel Horizons AECOM FIELD REPRESENTATIVE: C. Suddeth
J. Leaphart

SUBCONTRACTOR: _____

SUBCONTRACTOR PERSONNEL ON SITE: _____

BRIEF SUMMARY OF WORK PERFORMED: Download data from transducers. Troubleshoot two transducers.

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
0800	0845	Meet at office. Load equipment. Buy gas & lunch.
0845	1000	Travel to site, sign in. Get keys to wells
1000	1105	C. Suddeth & J. Leaphart work together and download data from monitoring wells MW-059S, MW-061T, UBC-052, MW-058P, MW-0635R, UBC-026, MW-091PR, MW-0905R, MW-089T, P-112D, P-112C, P-112B, and P-112A. Note that the download from P-112A indicates that the data ends on January 30, 2012. In comparison, all others are through today (02/23/12). Also, the download indicates that there are approximately 200 fewer data points at P-112A than the other wells to this point. Discuss with L. Alexander. She will look for any hints with the troubleshooting section of the documentation
1105	1200	Continue to download data from monitoring wells MW-137T, MW-138P, UBC-054, MW-126T, UBC-025, MW-094PR, MW-139S, UBC-027, MW-093PR, MW-0925R, MW-098TR, UBC-028AR, MW-095P, MW-096T, MW-140S, UBC-055, MW-141T, UBC-056, MW-097T, UBC-021, MW-077A, and MW-078T.
1200	1230	Break for lunch
1230	1330	Continue to download data from monitoring wells MW-134T, MW-0385R, MW-041T, MW-040P, MW-010, UBC-011, MW-021, PBC-004, SL-023, MW-052T, UBC-023, MW-081T, MW-130P, UBC-031, MW-103P, MW-102S, MW-101T, P-114A, P-114B, P-114C, P-114D.
1330		Not able to communicate with transducer at MW-0825. It causes the software to shut down or indicates no communication with the transducer.
1330	1530	Troubleshoot P-112A and MW-0825. Able to read MW-0825 by pulling the transducer, disconnecting from the cable, and reading

FIELD REPRESENTATIVES SIGNATURE: Charles K. Suddeth DATE: 2/23/12



Tailgate Safety Meeting Log*

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Meeting Leader <i>Chuck Suddeth</i>	Signature <i>Charles K. Suddeth</i>
--	--

Date /Time <i>2/23/12</i>	Project Name & Location <i>Pinewood</i>
------------------------------	--

Weather Conditions <i>Sunny, mild</i>	Project Number <i>60222141.1</i>
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Topic	Discussion (Circle one)
Today's Scope of Work (All tasks)	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Schedule / New Work / Scope Changes	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Reviewed Procedures, THA, etc.	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Emergency Action Plan & Procedures	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Communications Protocol	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required PPE	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required Monitoring / Instruments	yes / <input checked="" type="radio"/> NA
Site Control / Work Zones / Security	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Access / Egress / Slips, Trips, & Falls	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Smoking, Eating, & Drinking	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Washroom / Facilities Location	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Heat/Cold Stress	yes / <input checked="" type="radio"/> NA
Exclusion Areas Barricades / Cones	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Required Permits, Passes, Keys, etc.	<input checked="" type="radio"/> yes / <input type="radio"/> NA
Decon Procedures / IDW Mngmt	yes / <input checked="" type="radio"/> NA
Equipment Inspections / Safety Checklists	yes / <input checked="" type="radio"/> NA

Comments/Other:

Tailgate Meeting Attendees	
Printed Name	Signature
<i>JAMES CAMPBELL</i>	<i>[Signature]</i>

*This form is to be utilized for documenting daily safety meetings and stored with project files upon completion

2/23/12

Six Questions for Success – As your final preparedness take two minutes to think through and answer these questions:

1. What are we about to do?
2. What equipment are we going to use?
3. Have I/we been trained to use this equipment?
4. Have I/we been trained to do this job?
5. How can I/we be hurt?
6. How can I/we prevent this incident?

If you and your team aren't prepared to do the assigned work, ***STOP WORK***, and take time to properly prepare.

End of Day Sign-off: Site Safety Officer Signature

Charles K. Suddeth

No Incidents Occurred

Number of Near Misses/Observations Reported _____

All Incidents Reported to Supervisor, SH&E Manager and Reporting Line

Lessons Learned/Comments/Other:

PROJECT NUMBER: 602-22141 DATE: 2/29/12 REPORT NUMBER: 1 of 1
 PROJECT & LOCATION: Pinewood
 CLIENT: Kestrel Horizons AECOM FIELD REPRESENTATIVE: C. Suddeth
 SUBCONTRACTOR: _____
 SUBCONTRACTOR PERSONNEL ON SITE: _____
 BRIEF SUMMARY OF WORK PERFORMED: Install new transducer at P112A and troubleshoot communication with down-hole cables at P112A and MW0825.

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
0900	1000	Get computer, rent vehicle, load equipment.
1000	1115	Travel to site.
1115		Arrive on site, sign in, get USB cables & set up computer
		Not able to read new transducer through downhole cable in Change House, move to well P112A. Measure water level of 83.13 ft at 1243. Install transducer in well P112A. Make several attempts to communicate using the two USB cables, using all USB ports on computer was able to communicate one time.
		Began setup on this one successful communication then lost it at step 6. Was able to read a pressure of 83.865' at 1333.
		The error message during failed communication attempts was that Diver has encountered a problem and needs to close. Schlumberger Tech support was contacted and they indicated that the failure is probably in the down-hole cable. Note the connection is dry.
		Set up P112a-r using the optical reader cable, install for a 1400 data read, remove after 1400, and confirm that a reading was taken at 1400. Then re-program the transducer to start readings at 1500 and every 3 hrs and re-deploy.
		To test the USB-cable, perform a data download at well P112B.
		At well MW0825 successfully download data using the USB cable. Then remove the transducer and note that the connection is wet.
		Conclude that both down-hole cables at wells P112a and MW0825 are bad and need replacing.
1545	1700	Travel to office

FIELD REPRESENTATIVES SIGNATURE: Charles K. Suddeth DATE: 2/29/12

PROJECT NUMBER: 60222141.1 DATE: 3/22/12 REPORT NUMBER: _____
 PROJECT & LOCATION: Pinewood Hydraulic Evaluation
 CLIENT: Pinewood Landfill AECOM FIELD REPRESENTATIVE: James Leaphart
 SUBCONTRACTOR: NA
 SUBCONTRACTOR PERSONNEL ON SITE: NA
 BRIEF SUMMARY OF WORK PERFORMED: INSTALL NEW CABLES - P112A, MW825

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
0911		LEAVE OFFICE FOR SITE
1030		ON SITE, CHECK IN WITH Brian. PICK UP KEYS TO WELLS.
1045		ATTEMPT DATA DOWNLOAD WITH EXISTING CABLE ON MW825 "CONNECTION ERROR". PULL CABLE AND ATTACH TRANSDUCER TO NEW 26 METER CABLE. CONTACT AND DOWNLOAD DATA. (MOISTURE PRESENT AT CONNECTION OF OLD CABLE AND TRANSDUCER)
1103		ATTEMPT DATA DOWNLOAD WITH EXISTING CABLE ON P112A "CONNECTION AREA". PULL CABLE AND REPLACE WITH NEW CABLE (NO MOISTURE PRESENT AT CONNECTION). DOWNLOAD DATA WITH NEW CABLE.
		WAIT UNTIL 1300 TO DOWNLOAD UPDATED DATA.
1300		DOWNLOAD DATA FROM MW825, P112A. DATA DOWNLOAD GOOD
1315		LEAVE SITE.
1438		BACK AT OFFICE

FIELD REPRESENTATIVES SIGNATURE: *J. Leaphart* DATE: 3/22/12

PROJECT NUMBER: 60222141 DATE: 4/23/12 REPORT NUMBER: 1 of 1
 PROJECT & LOCATION: Pinewood
 CLIENT: Kestrel Horizons AECOM FIELD REPRESENTATIVE: C. Suddeth / J. Leaphart
 SUBCONTRACTOR: None
 SUBCONTRACTOR PERSONNEL ON SITE: None
 BRIEF SUMMARY OF WORK PERFORMED: Download data from transducers. Troubleshoot one transducer

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
0800	0830	Arrive at office, Prep for Pinewood
0830	1013	Travel to site, buy gas & ice and lunch, sign in at 1013
1013	1215	Perform transducer downloads at wells MW-058P, MW-059S, MW-061T, UBC-052, MW-063SR, MW-070SR, MW-91PR, MW-089T, UBC-026, AT P-112D note that the transducer stopped recording after the measurement on 04/20/12 at 0900. Plan to call Schlumberger Tech support.
		Continue downloading at wells P-112C, P-112B, P-112A, UBC-054, MW-138P, MW-137T, MW-139S, MW-94PR, UBC-025, MW-126T, MW-098TR, MW-93PR, MW-092SR, UBC-027, MW-096T, MW-095P, MW-140S, UBC-028AR, MW-141T, UBC-055, MW-097T, and UBC-056.
1215	1230	Break for lunch
1230	1440	Continue downloading data from wells UBC-021, MW-077P, MW-078T, P-114A, P-114B, P-114C, P-114D, UBC-031, MW-101T, MW-103P, MW-102S, MW-082S, UBC-023, MW-130P, MW-081T, MW-021, SL-023, MW-052T, PBC-004, UBC-011, MW-10, MW-040P, MW-041T, MW-134T, and MW-038SR. Also download barometric pressure XD.
1440	1545	Download data at P-112D again to see if one more data point has been collected at 1200. Note that the last data point indicated is still 04/20/12 at 0900. Call schlumberger Tech support, it looks like this XD has had a clock failure, call L. Alexander, E. Olson, and W. Gerald at AECOM. Remove the transducer from P-112D and the cable to bring to office. Depart site at 1545.
1545	1700	Travel to office

FIELD REPRESENTATIVES SIGNATURE: Charles K. Suddeth DATE: 4/23/12



Tailgate Safety Meeting Log*

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Meeting Leader Chuck Suddeth	Signature Charles K. Suddeth
---------------------------------	---------------------------------

Date / Time 4/23/12 1020	Project Name & Location Pinewood Site
-----------------------------	--

Weather Conditions clear, cool, windy	Project Number 60222141
--	----------------------------

Topic	Discussion (Circle one)
Today's Scope of Work (All tasks)	yes / NA
Schedule / New Work / Scope Changes	yes / NA
Reviewed Procedures, THA, etc.	yes / NA
Emergency Action Plan & Procedures	yes / NA
Communications Protocol	yes / NA
Required PPE	yes / NA
Required Monitoring / Instruments	yes / NA
Site Control / Work Zones / Security	yes / NA
Access / Egress / Slips, Trips, & Falls	yes / NA
Smoking, Eating, & Drinking	yes / NA
Washroom / Facilities Location	yes / NA
Heat/Cold Stress	yes / NA
Exclusion Areas Barricades / Cones	yes / NA
Required Permits, Passes, Keys, etc.	yes / NA
Decon Procedures / IDW Mngmt	yes / NA
Equipment Inspections / Safety Checklists	yes / NA

Comments/Other:

Tailgate Meeting Attendees	
Printed Name	Signature
James Leppoldt	[Signature]

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Six Questions for Success – As your final preparedness take two minutes to think through and answer these questions:

1. What are we about to do?
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3. Have I/we been trained to use this equipment?
4. Have I/we been trained to do this job?
5. How can I/we be hurt?
6. How can I/we prevent this incident?

If you and your team aren't prepared to do the assigned work, **STOP WORK**, and take time to properly prepare.

End of Day Sign-off: Site Safety Officer Signature

Charles K. Suddeth

No Incidents Occurred

Number of Near Misses/Observations Reported 1

All Incidents Reported to Supervisor, SH&E Manager and Reporting Line

Lessons Learned/Comments/Other:

*Near Miss:
while downloading data at well UBC-54, J. Leaphart noticed that C. Suddeth was standing directly in an ant hill and ants were quickly covering C. Suddeth's boot/pants. C. Suddeth was able to step away, hand the computer to J. Leaphart, and brush off the ants before they could bite.*

PROJECT NUMBER: 60222141 DATE: 6/12/12 REPORT NUMBER: _____
 PROJECT & LOCATION: Pinewood HYDRAULIC EVALUATION
 CLIENT: PineWood AECOM FIELD REPRESENTATIVE: James Leaphart
 SUBCONTRACTOR: NA
 SUBCONTRACTOR PERSONNEL ON SITE: NA
 BRIEF SUMMARY OF WORK PERFORMED: INSTALL TRANSDUCERS

START TIME	STOP TIME	DESCRIPTION OF ACTIVITIES: REMARKS
	0943	ON SITE PINEWOOD. CHECK IN WITH BRAND
		DOWNLOAD DATA FROM STORED TRANSDUCERS OUT OF WELLS; MW-130P (NOT MW-103P), MW-0825, MW-0811, AND UBC-023
		SET TRANSDUCERS UP FOR INSTALL IN ALTERNATE WELLS DUE TO ORIGINAL LOCATIONS BEING ABANDONED. ALSO SET UP NEW TRANSDUCER FOR P-112D (BAD TRANSDUCER REPLACED).
1145		MOVE OUT TO LOCATION AND DEPLOY TRANSDUCERS INTO ALTERNATE WELLS; MW-125P, MW-1355, MW-048TR, AND UBC-034, DEPLOY NEW TRANSDUCER IN P-112D (P-112D-R)
1305		CHECK TRANSDUCERS TO SEE IF DOWNLOAD IS TAKING PLACE. ALL TRANSDUCERS DOWNLOADED A PENDING AT 1301 (1201 CLOCK TIME).
1330		LEAVE SITE

FIELD REPRESENTATIVES SIGNATURE: _____

James Leaphart

DATE: 6/12/12

Well and Transducer Info
Pinewood Hydra

Well ID	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)
✓ MW130P MW103P	64.502 72.044	67.50 93.40	8/30/11 8/29/2011	10:20 11:07	0	MW40P.jpg	3/4
MW125P	73.320 1112 AM	59.71	6/12/12	1151	15.00		3/4
MW082S	56.037	63.60	8/30/2011	9:59	0.00	MW40P.jpg	3/4
MW135S	60.942 1121	58.65	6/12/12	1152	0.00		3/4
✓ MW084T	67.064	32.75	8/30/2011	10:09	0.00	MW40P.jpg	3/4
MW048TR	57.408 1146	42.44	6/12/12	1242	0.00		3/4
P112D-R	85.883 1158	80.11	6/12/12	1245	0.00	P114B.jpg	NA
UBC023	65.600	70.86	8/30/2011	9:49	0.00	UBC011	3/4
UBC034	76.004 1127	60.50	6/12/12	1150	0.00		3/4

Notes:

- BTOC - Below T
- BGS - Below Gr
- Col - column
- NA - Not availab
- WL - water level
- XD - Transducer



red text indicates:

1. The 20 m Mic

**Well and Transducer Information for Deployment
Pinewood Hydraulic Evaluation**

Well ID	Box Number	XD Serial Number	XD Pressure Reference Reading (ft H2O)	Depth to Water for Reference Reading (ft BTOC)	Reference Date	Reference Time	length of XD cable out of well (feet)	Refer to Photo	Max Access Hole size (inch)	Cap Type	Comments
Baro	1	L0479		NA				NA	NA	NA	XD Serial # DF 500. M, SN 10477
MW040P	1	H8317	49.170	50.83	8/30/11	1408	0	MW40P.jpg	3/4	Well Wizard	Wire SN: A56020-1110012
MW058P	1	H8280	52.005	64.11	8/29/11	1533	0	MW40P.jpg	3/4	Well Wizard	Wire SN: A56025-1135044
MW077P	1	K0062	62.746	62.746 70.44	8/29/11	0941 0940	0	MW78T.jpg	NA	Rounded top, Slip cap	XD Serial # DI 602-204, SN 10062 Cable Serial # A56030-1108030
MW091PR	2	H8285						UBC011	3/4	Well Wizard	
MW093PR	2	K0068						UBC011	3/4	Well Wizard	
MW094PR	2	K0083						UBC011	3/4	Well Wizard	
MW095P	2	H8301	61.047	104.94	8/30/11	1110	0	UBC011	3/4	Well Wizard	Wire SN: A56040-1035005
MW103P	2	H8298						MW40P.jpg	3/4	Well Wizard	
MW130P	3	K0077	65.502	67.50	8/30/11	1020	0	UBC011	3/4	Well Wizard	Cable SN: A56030-1042021
SL023	3	H8306	60.233	56.39	8/30/11	0901	0	SL23.jpg	11/16	Well Wizard (w/ 2 pumps)	Wire SN: A56025-1135045
MW004	3	H8284						NA	NA	pump-stuck in well - Kestrel recommends do not use	Replace with MW063SR?
MW063SR	3	H8281						NA	NA		Replacement well for MW004
MW010	3	K0075	56.680	43.15	8/30/11	1401	0	MW21.jpg	11/16	Well Wizard	Wire SN: A56020-1110019
MW021	3	L8260 H8283	46.483 45.883	47.23 47.62	8/30/11 7/31/12	0918 0958	0	MW21.jpg	11/16	Well Wizard	Wire SN: A560-1135034
MW038SR	4	J4675	61.952	54.43	8/30/11	1325	0	MW38SR.jpg	11/16	Well Wizard	Wire SN: A56025-1135046
MW059S	4	J4686	42.664	63.14	8/29/11	1521	0	MW38SR.jpg	11/16	Well Wizard	Wire SN: A56022-1135037

Removal

CHANGED OUT TRANS. 7/31/12

ATTACHMENT D

**Raw Water Level Data from Transducers –
September 1, 2011 through September 4, 2012
(Electronic Data Provided on CD)**

ATTACHMENT E

**Water Level Data Corrected for Barometric Pressure –
September 1, 2011 through September 4, 2012
(Electronic Data Provided on CD)**

ATTACHMENT F

Monthly Water Level Measurements for New Monitoring Wells

Attachment F
Monthly Water Levels for New Wells - Beginning September 2011
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well Identification	Screened Zone	TOC Elevation (feet)	Depth to Water 9/30/11, 6 AM (ft BTOC) ¹	WL Elevation 9/30/11 (feet)	Depth to Water 10/31/11, 6 AM (ft BTOC) ¹	WL Elevation 10/31/11 (feet)	Depth to Water 11/30/11, 6 AM (ft BTOC) ¹	WL Elevation 11/30/11 (feet)	Depth to Water 12/30/11, 6 AM (ft BTOC) ¹	WL Elevation 12/30/11 (feet)	Depth to Water 01/30/12, 6 AM (ft BTOC) ¹	WL Elevation 01/30/12 (feet)	Depth to Water 02/23/12, 6 AM (ft BTOC) ¹	WL Elevation 02/23/12 (feet)	Depth to Water 03/30/12, 6 AM (ft BTOC) ¹	WL Elevation 03/30/12 (feet)	Depth to Water 04/23/12, 9 AM (ft BTOC) ¹	WL Elevation 04/23/12 (feet)	Depth to Water 07/23/12, 9 AM (ft BTOC) ^{1,2}	WL Elevation 07/23/12 (feet)
MW137T	TLS	157.63	84.143	73.49	91.8	65.83	97.943	59.69	99.013	58.62	92.428	65.20	89.797	67.83	82.758	74.87	86.098	71.531	84.178	73.451
MW138P	PSDL	157.78	85.864	71.92	94.345	63.44	100.903	56.88	100.863	56.92	94.071	63.71	91.115	66.67	84.1	73.68	87.798	69.98	84.998	72.78
MW139S	SSDL	163.42	91.102	72.32	95.355	68.07	103.401	60.02	106.396	57.03	101.992	61.43	97.054	66.37	90.957	72.47	92.342	71.08	89.848	73.57
MW140S	SSDL	175.88	104.324	71.56	110.431	65.45	118.418	57.46	121.323	54.56	115.474	60.41	110.691	65.19	103.811	72.07	105.927	69.95	103.161	72.72
MW141T	TLS	158.54	82.599	75.94	87.738	70.80	95.156	63.38	98.103	60.43	93.651	64.89	89.781	68.76	83.945	74.59	85.538	73.00	83.360	75.18
UBC054	UBC 1	157.99	86.101	71.89	94.432	63.56	100.885	57.11	100.872	57.12	94.224	63.77	91.314	66.68	84.374	73.62	87.969	70.02	85.320	72.67
UBC055	UBC 1	158.61	87.548	71.06	96.029	62.58	103.618	54.99	104.538	54.07	97.43	61.18	93.557	65.05	86.061	72.55	89.269	69.34	86.604	72.00
UBC056	UBC 1	164.09	90.817	73.27	95.773	68.32	102.737	61.35	105.898	58.19	101.541	62.55	97.214	66.88	91.255	72.83	92.321	71.77	89.584	74.51

Notes:

ft BTOC - feet Below Top of Casing

1. Water levels were collected using Diver transducers. Water levels were compensated for barometric pressure using Schlumberger Water Services Diver-Office 2011.1 version 4.0.76.0.
2. Data from 07/23/12 is uncompensated because an insect nest built in the baro transducer caused problems with the barometric readings from 6:00 PM on 6/21/12 through 12:00 PM on 7/23/12.

ATTACHMENT G

Precipitation Data

Attachment G
Pinewood Site Rainfall
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Date	Rainfall (Inches)		Date	Rainfall (Inches)		Date	Rainfall (Inches)
9/1/2011	0		10/19/2011	1.3		12/6/2011	0
9/2/2011	0		10/20/2011	0		12/7/2011	0.2
9/3/2011	0		10/21/2011	0		12/8/2011	0
9/4/2011	0		10/22/2011	0		12/9/2011	0
9/5/2011	0		10/23/2011	0		12/10/2011	0
9/6/2011	0.1		10/24/2011	0		12/11/2011	0
9/7/2011	0		10/25/2011	0		12/12/2011	0
9/8/2011	0		10/26/2011	0		12/13/2011	0
9/9/2011	0		10/27/2011	0		12/14/2011	0
9/10/2011	0		10/28/2011	0		12/15/2011	0
9/11/2011	0		10/29/2011	0		12/16/2011	0
9/12/2011	0		10/30/2011	0		12/17/2011	0
9/13/2011	0		10/31/2011	0.05		12/18/2011	0
9/14/2011	0		11/1/2011	0		12/19/2011	0
9/15/2011	0		11/2/2011	0		12/20/2011	0
9/16/2011	0		11/3/2011	0		12/21/2011	0
9/17/2011	0		11/4/2011	0.3		12/21/2011	0.05
9/18/2011	0		11/5/2011	0		12/22/2011	0
9/19/2011	0		11/6/2011	0		12/23/2011	0
9/20/2011	0		11/7/2011	0		12/24/2011	0
9/21/2011	0.2		11/8/2011	0		12/25/2011	0.3
9/22/2011	0.2		11/9/2011	0		12/26/2011	0
9/23/2011	1.1		11/10/2011	0		12/27/2011	1.2
9/24/2011	0.3		11/11/2011	0		12/28/2011	0
9/25/2011	1.6		11/12/2011	0		12/29/2011	0
9/26/2011	0.05		11/13/2011	0		12/30/2011	0
9/27/2011	0		11/14/2011	0		12/31/2011	0
9/28/2011	0		11/15/2011	0		1/1/2012	0
9/29/2011	0		11/16/2011	0.6		1/2/2012	0
9/30/2011	0.05		11/17/2011	0		1/3/2012	0
10/1/2011	0		11/18/2011	0		1/4/2012	0
10/2/2011	0		11/19/2011	0		1/5/2012	0
10/3/2011	0		11/20/2011	0		1/6/2012	0
10/4/2011	0		11/21/2011	0		1/7/2012	0
10/5/2011	0		11/22/2011	0		1/8/2012	0
10/6/2011	0		11/23/2011	0		1/9/2012	0.1
10/7/2011	0		11/24/2011	0		1/10/2012	0
10/8/2011	0		11/25/2011	0		1/11/2012	0.2
10/9/2011	0		11/26/2011	0		1/12/2012	0
10/10/2011	0.8		11/27/2011	0		1/13/2012	0
10/11/2011	0.1		11/28/2011	0.9		1/14/2012	0
10/12/2011	0.5		11/29/2011	0		1/15/2012	0
10/13/2011	0		11/30/2011	0		1/16/2012	0
10/14/2011	0		12/1/2011	0		1/17/2012	0
10/15/2011	0		12/2/2011	0		1/18/2012	0.3
10/16/2011	0		12/3/2011	0		1/19/2012	0
10/17/2011	0		12/4/2011	0		1/20/2012	0.1
10/18/2011	0		12/5/2011	0		1/21/2012	0.8

Attachment G
Pinewood Site Rainfall
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Date	Rainfall (Inches)		Date	Rainfall (Inches)		Date	Rainfall (Inches)
1/22/2012	0		3/10/2012	0		4/27/2012	0
1/23/2012	0		3/11/2012	0		4/28/2012	0
1/24/2012	0		3/12/2012	0		4/29/2012	0
1/25/2012	0		3/13/2012	0		4/30/2012	0
1/26/2012	0		3/14/2012	0		5/1/2012	0
1/27/2012	0.1		3/15/2012	0		5/2/2012	0
1/28/2012	0		3/16/2012	0		5/3/2012	0
1/29/2012	0		3/17/2012	0		5/4/2012	0
1/30/2012	0		3/18/2012	0		5/5/2012	0.1
1/31/2012	0		3/19/2012	0		5/6/2012	0
2/1/2012	0		3/20/2012	0		5/7/2012	0
2/2/2012	0		3/21/2012	0		5/8/2012	0
2/3/2012	0		3/22/2012	0		5/9/2012	0
2/4/2012	0		3/23/2012	0		5/10/2012	0
2/5/2012	0		3/24/2012	0.3		5/11/2012	0
2/6/2012	0		3/25/2012	0		5/12/2012	0
2/7/2012	0		3/26/2012	0		5/13/2012	0.1
2/8/2012	0		3/27/2012	0		5/14/2012	0.3
2/9/2012	0		3/28/2012	0		5/15/2012	0.2
2/10/2012	0		3/29/2012	0		5/16/2012	0.5
2/11/2012	0		3/30/2012	0		5/17/2012	0
2/12/2012	0		3/31/2012	0.1		5/18/2012	0.2
2/13/2012	0		4/1/2012	0		5/19/2012	0
2/14/2012	0		4/2/2012	0		5/20/2012	0
2/15/2012	0		4/3/2012	0		5/21/2012	0
2/16/2012	0.1		4/4/2012	0.1		5/22/2012	0
2/17/2012	0		4/5/2012	1.9		5/23/2012	0
2/18/2012	0.6		4/6/2012	0		5/24/2012	0
2/19/2012	0.5		4/7/2012	0		5/25/2012	0
2/20/2012	0		4/8/2012	0		5/26/2012	0
2/21/2012	0		4/9/2012	0		5/27/2012	0
2/22/2012	0		4/10/2012	0		5/28/2012	0
2/23/2012	0.5		4/11/2012	0		5/29/2012	0
2/24/2012	0.2		4/12/2012	0		5/30/2012	2.2
2/25/2012	0		4/13/2012	0		5/31/2012	0
2/26/2012	0		4/14/2012	0		6/1/2012	0.1
2/27/2012	0.3		4/15/2012	0		6/2/2012	0
2/28/2012	0		4/16/2012	0		6/3/2012	0
2/29/2012	0		4/17/2012	0		6/4/2012	0.6
3/1/2012	0.3		4/18/2012	0.4		6/5/2012	0
3/2/2012	0.1		4/19/2012	0		6/6/2012	0.6
3/3/2012	1		4/20/2012	0		6/7/2012	0
3/4/2012	1		4/21/2012	0		6/8/2012	0
3/5/2012	0		4/22/2012	0.5		6/9/2012	0
3/6/2012	0		4/23/2012	0		6/10/2012	0
3/7/2012	0		4/24/2012	0		6/11/2012	0
3/8/2012	0		4/25/2012	0		6/12/2012	0.2
3/9/2012	0		4/26/2012	0		6/13/2012	0.1

Attachment G
Pinewood Site Rainfall
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Date	Rainfall (Inches)		Date	Rainfall (Inches)		Date	Rainfall (Inches)
6/14/2012	0		7/29/2012	1		9/12/2012	0
6/15/2012	0		7/30/2012	0.6		9/13/2012	0
6/16/2012	0		7/31/2012	1.3		9/14/2012	0
6/17/2012	0		8/1/2012	0		9/15/2012	0
6/18/2012	0		8/2/2012	0.1		9/16/2012	0
6/19/2012	0		8/3/2012	0		9/17/2012	0
6/20/2012	0		8/4/2012	0		9/18/2012	0.5
6/21/2012	0		8/5/2012	0.1		9/19/2012	0
6/22/2012	0		8/6/2012	0.2		9/20/2012	0
6/23/2012	0		8/7/2012	2.05		9/21/2012	0
6/24/2012	0		8/8/2012	0.85		9/22/2012	0
6/25/2012	0		8/9/2012	0		9/23/2012	0
6/26/2012	0		8/10/2012	0.4		9/24/2012	0
6/27/2012	0		8/11/2012	0.8		9/25/2012	0
6/28/2012	0		8/12/2012	0		9/26/2012	0
6/29/2012	0		8/13/2012	0		9/27/2012	0
6/30/2012	0		8/14/2012	0		9/28/2012	0
7/1/2012	0.6		8/15/2012	0		9/29/2012	0.05
7/2/2012	0		8/16/2012	0		9/30/2012	0.2
7/3/2012	0		8/17/2012	0.8			
7/4/2012	0		8/18/2012	0			
7/5/2012	0		8/19/2012	1.1			
7/6/2012	0		8/20/2012	0.3			
7/7/2012	0		8/21/2012	0.6			
7/8/2012	0		8/22/2012	0			
7/9/2012	0.6		8/23/2012	0.1			
7/10/2012	1.5		8/24/2012	0			
7/11/2012	0.3		8/25/2012	0			
7/12/2012	0.5		8/26/2012	0			
7/13/2012	0.2		8/27/2012	0.5			
7/14/2012	0		8/28/2012	0.8			
7/15/2012	0		8/29/2012	0.1			
7/16/2012	0		8/30/2012	0			
7/17/2012	0		8/31/2012	0			
7/18/2012	0		9/1/2012	0			
7/19/2012	0		9/2/2012	0			
7/20/2012	0		9/3/2012	2			
7/21/2012	0		9/4/2012	1.3			
7/22/2012	0		9/5/2012	1.2			
7/23/2012	0		9/6/2012	0			
7/24/2012	0		9/7/2012	2.1			
7/25/2012	0		9/8/2012	1.2			
7/26/2012	0		9/9/2012	0			
7/27/2012	0		9/10/2012	0			
7/28/2012	0		9/11/2012	0			

Notes:

1. Values from September 2011 through September 2012 obtained from Change House rain gauge.

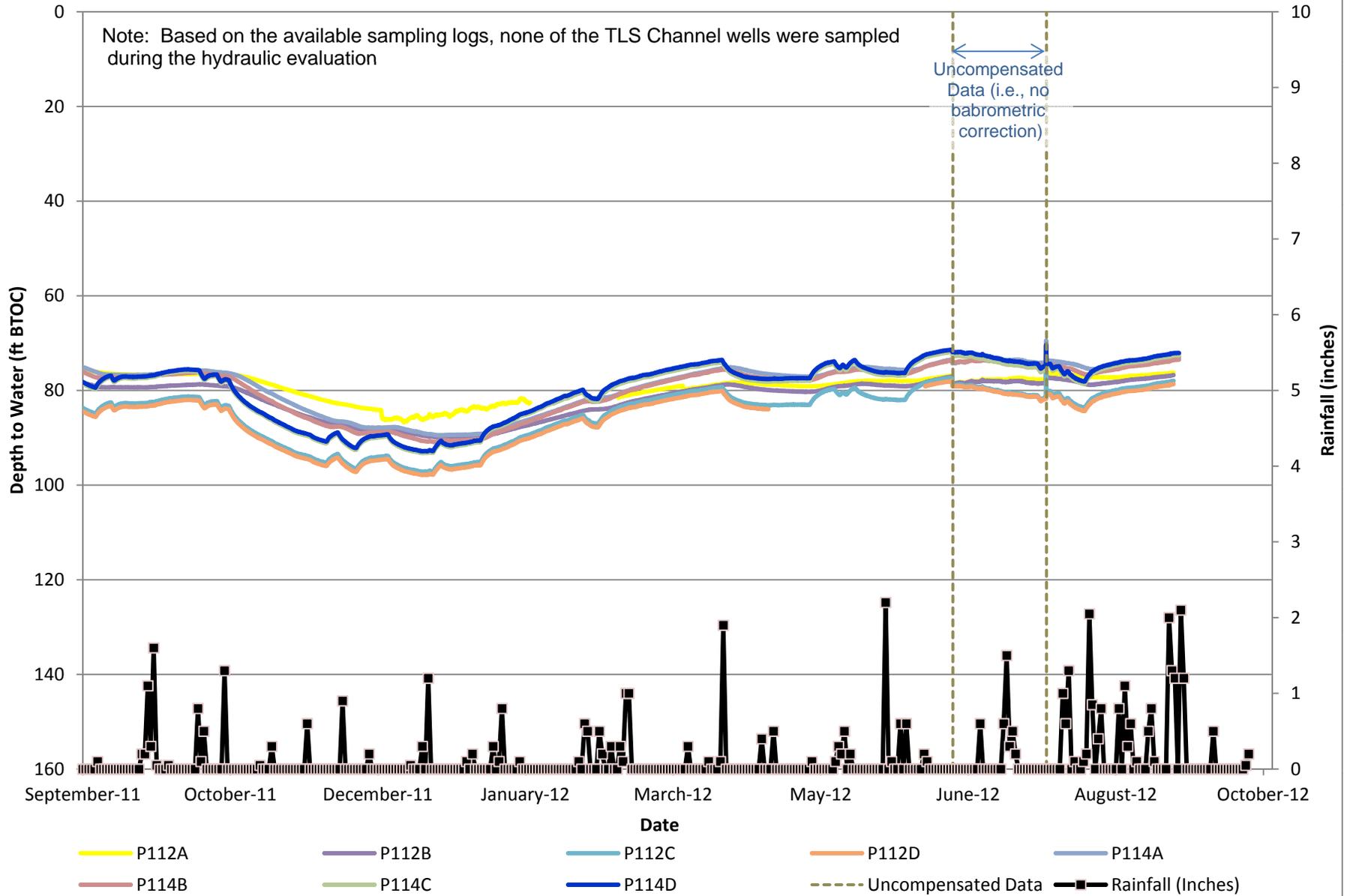
ATTACHMENT H

Time-series of Corrected Transducer Measurements and Precipitation Data

WL with Time for TLS Channel Wells

Note: Based on the available sampling logs, none of the TLS Channel wells were sampled during the hydraulic evaluation

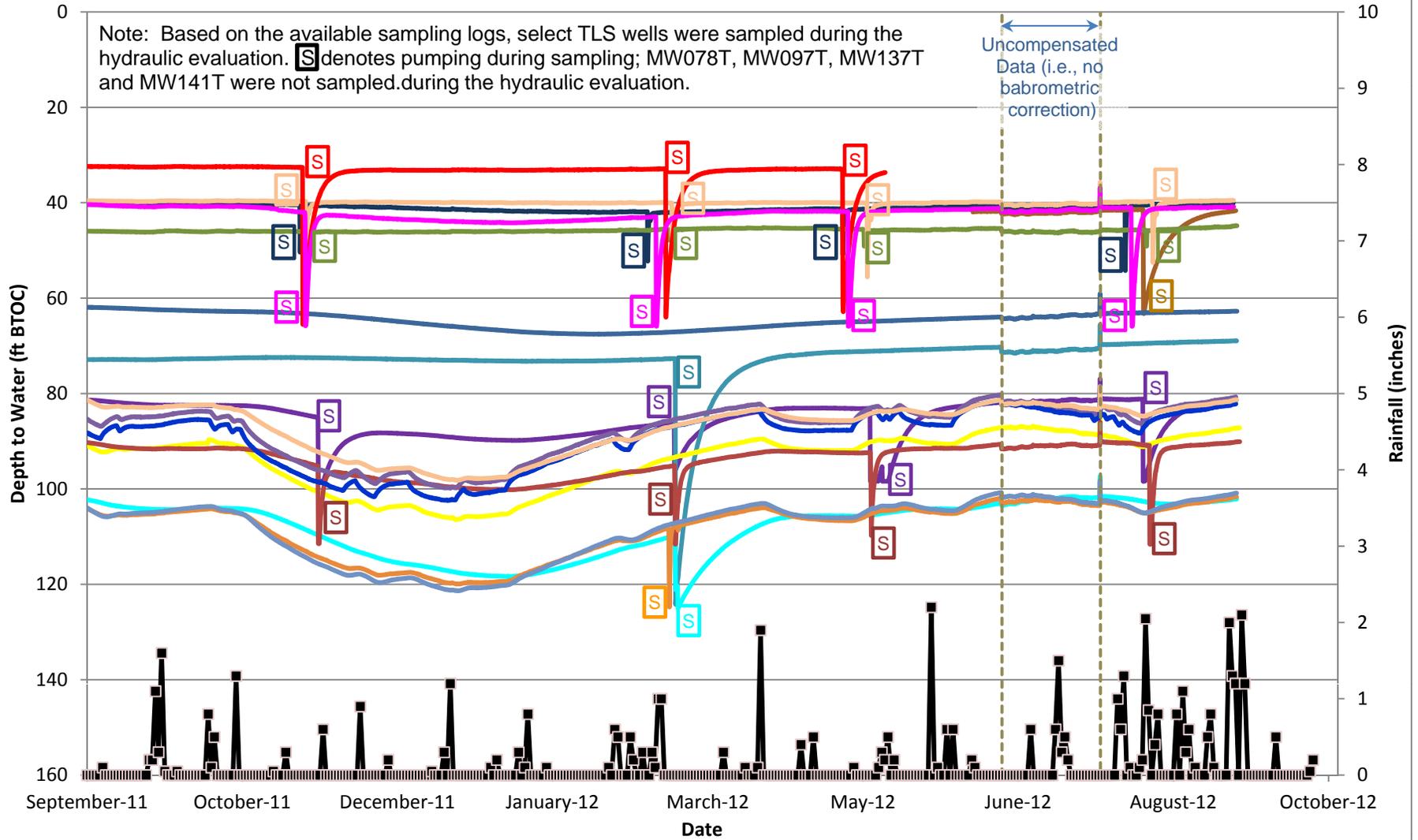
Uncompensated Data (i.e., no barometric correction)



WL with Time for TLS Wells

Note: Based on the available sampling logs, select TLS wells were sampled during the hydraulic evaluation. **S** denotes pumping during sampling; MW078T, MW097T, MW137T and MW141T were not sampled during the hydraulic evaluation.

Uncompensated Data (i.e., no barometric correction)

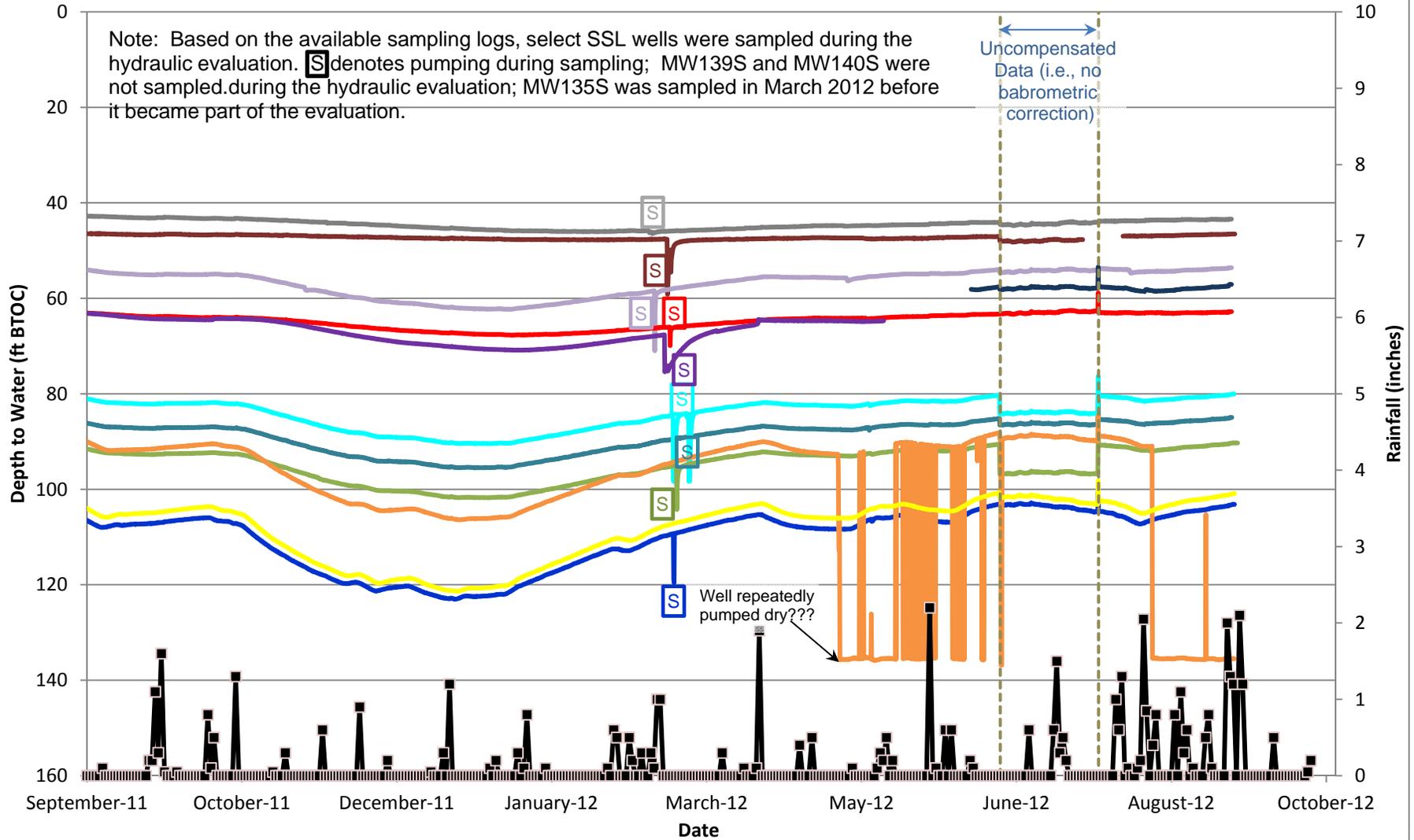


- | | | | | |
|-----------|------------|----------------------|---------------------|-----------|
| — MW041T | — MW048TR* | — MW052T | — MW061T | — MW078T |
| — MW081T* | — MW089T | — MW096T | — MW097T | — MW098TR |
| — MW101T | — MW126T | — MW134T | — MW137T | — MW138P |
| — MW140S | — MW141T | — Uncompensated Data | — Rainfall (Inches) | |

WL with Time for SSL Wells

Note: Based on the available sampling logs, select SSL wells were sampled during the hydraulic evaluation. **S** denotes pumping during sampling; MW139S and MW140S were not sampled during the hydraulic evaluation; MW135S was sampled in March 2012 before it became part of the evaluation.

Uncompensated Data (i.e., no barometric correction)

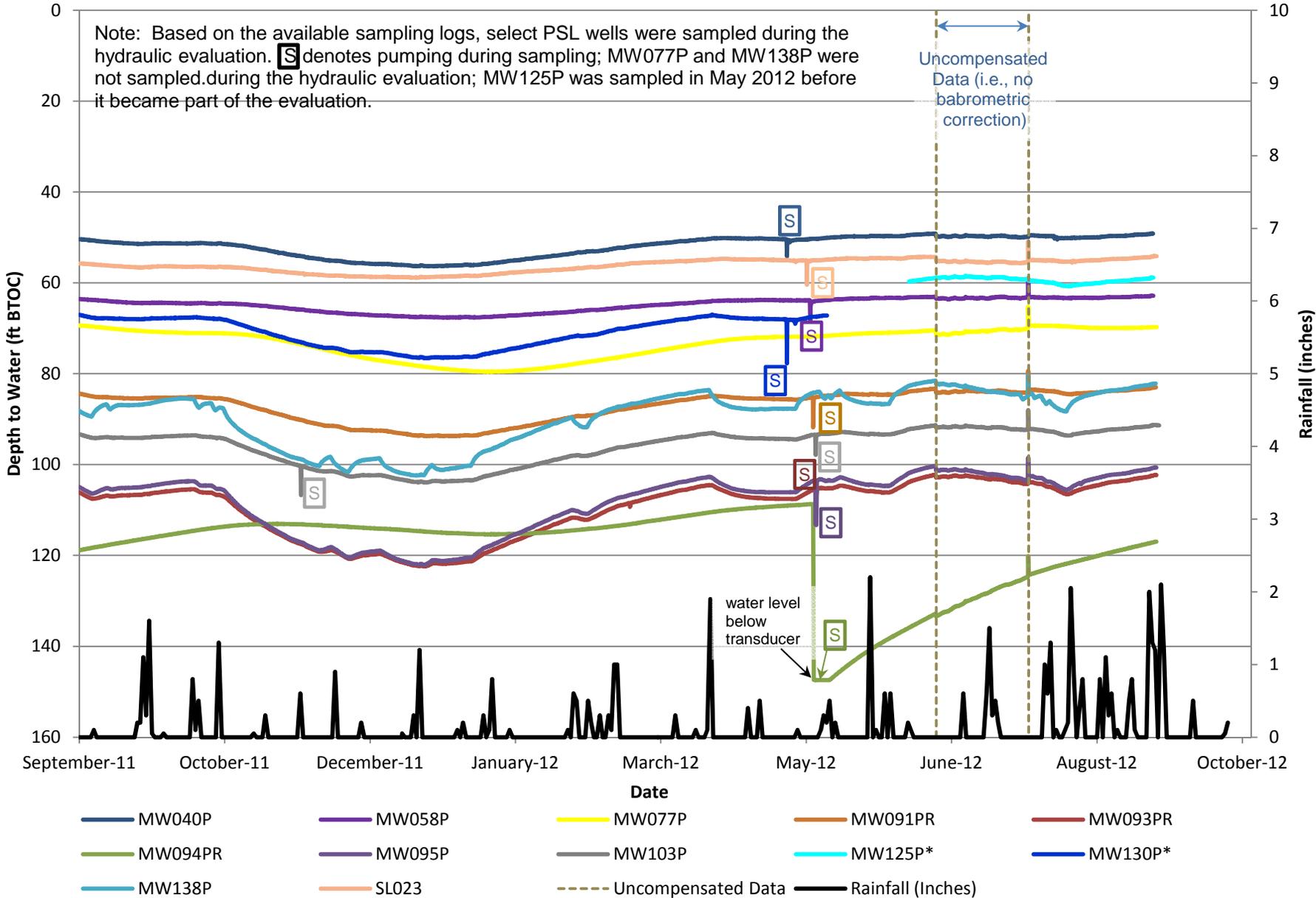


- MW010
- MW021
- MW038SR
- MW059S
- MW063SR
- MW082S*
- MW090SR
- MW092SR
- MW102S
- MW135S*
- MW139S
- MW140S
- - - Uncompensated Data
- Rainfall (Inches)

WL with Time for PSL Wells

Note: Based on the available sampling logs, select PSL wells were sampled during the hydraulic evaluation. **S** denotes pumping during sampling; MW077P and MW138P were not sampled during the hydraulic evaluation; MW125P was sampled in May 2012 before it became part of the evaluation.

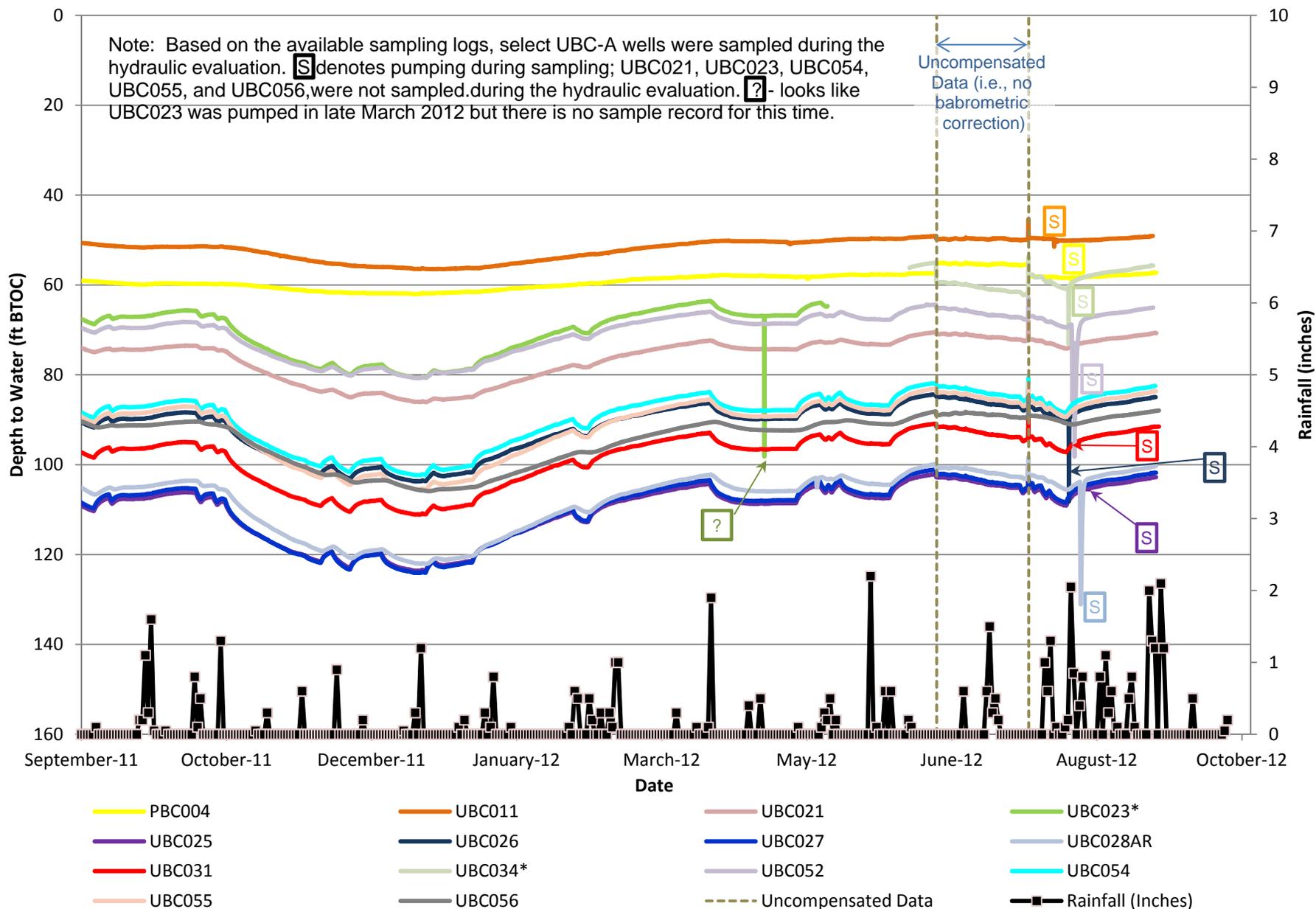
Uncompensated Data (i.e., no barometric correction)



WL with Time for UBC-A Wells

Note: Based on the available sampling logs, select UBC-A wells were sampled during the hydraulic evaluation. **S** denotes pumping during sampling; UBC021, UBC023, UBC054, UBC055, and UBC056, were not sampled during the hydraulic evaluation. **?** - looks like UBC023 was pumped in late March 2012 but there is no sample record for this time.

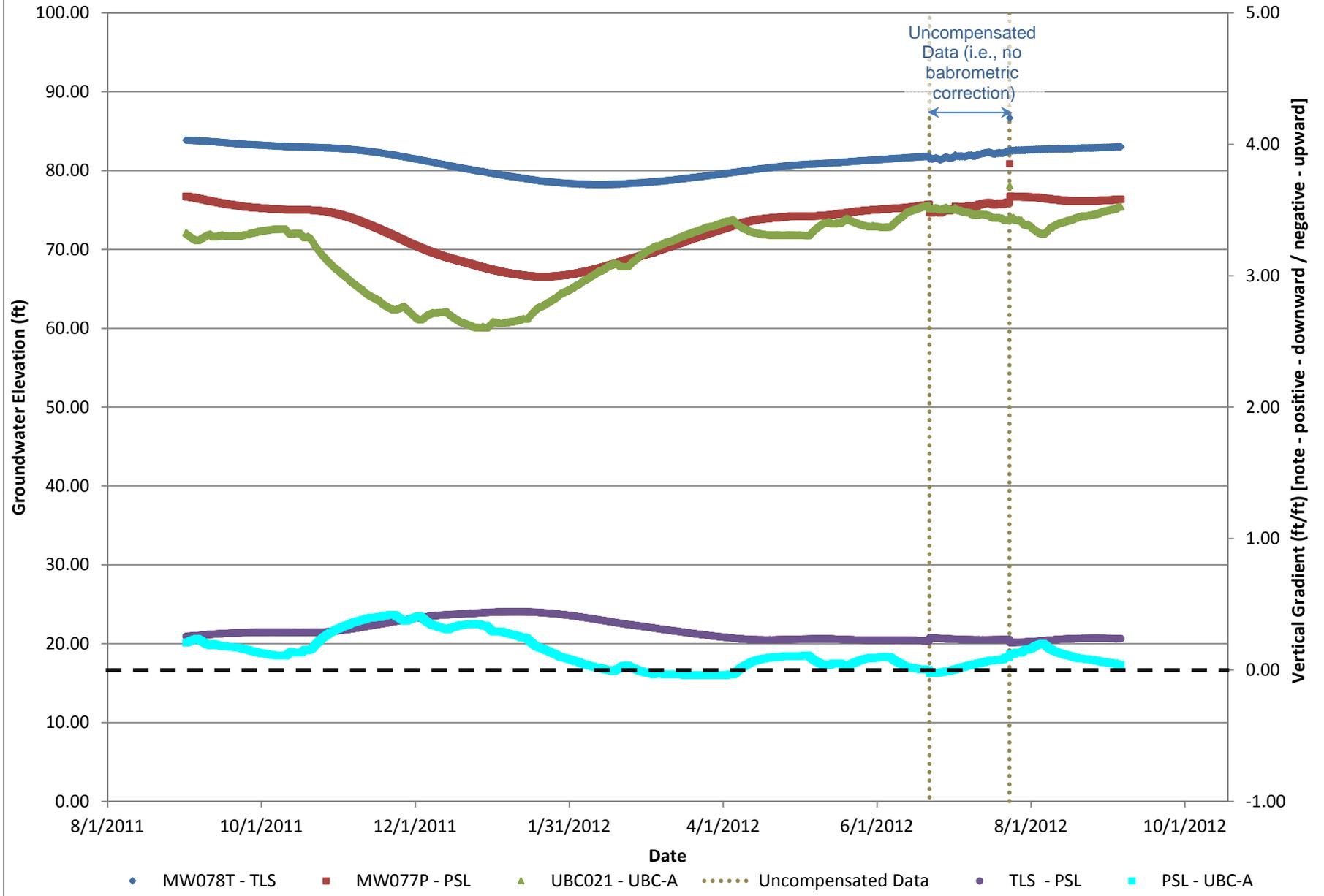
Uncompensated Data (i.e., no barometric correction)



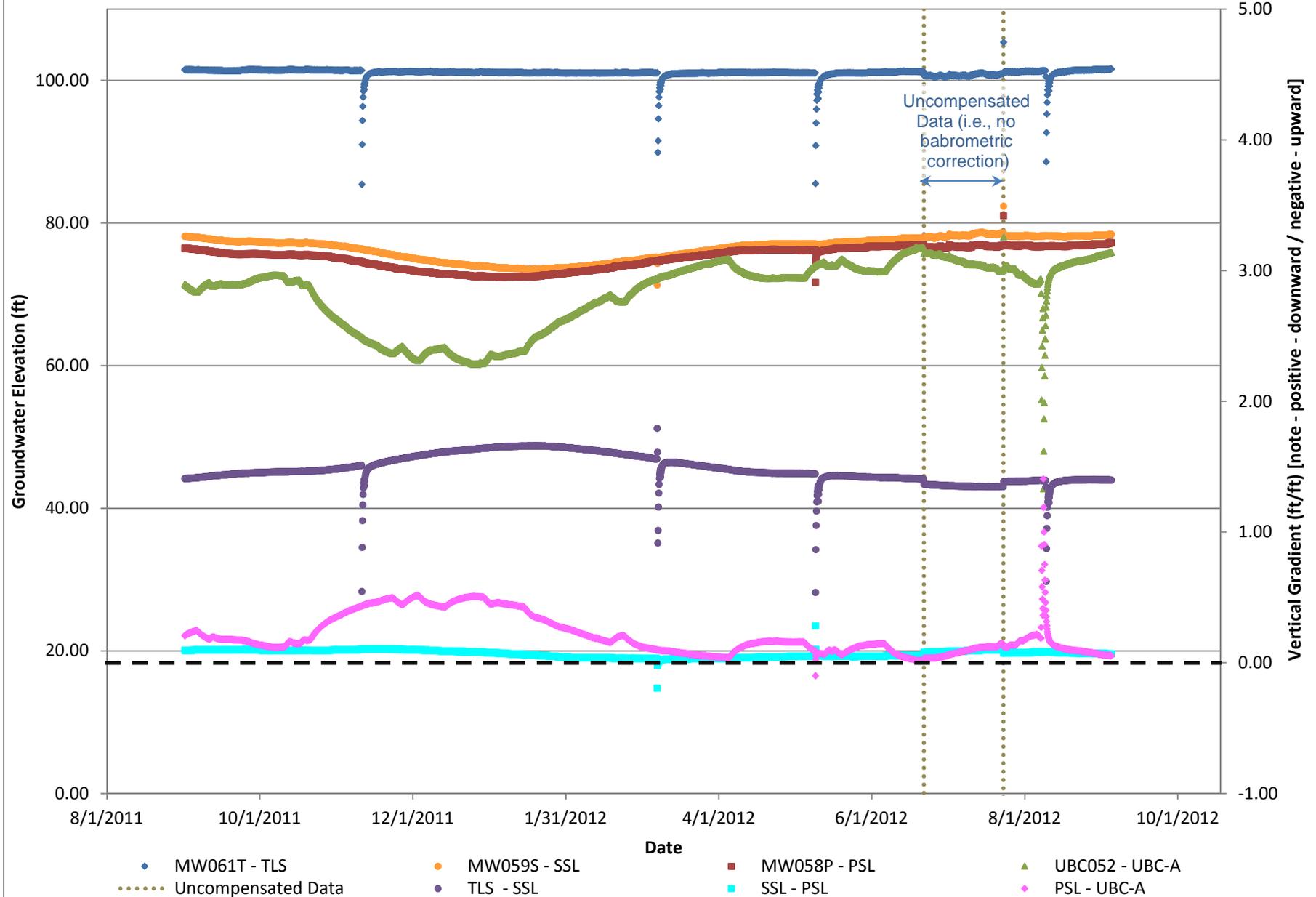
ATTACHMENT I

**Time-series of Groundwater Elevation Data and Calculated Vertical Gradients
for Well Clusters**

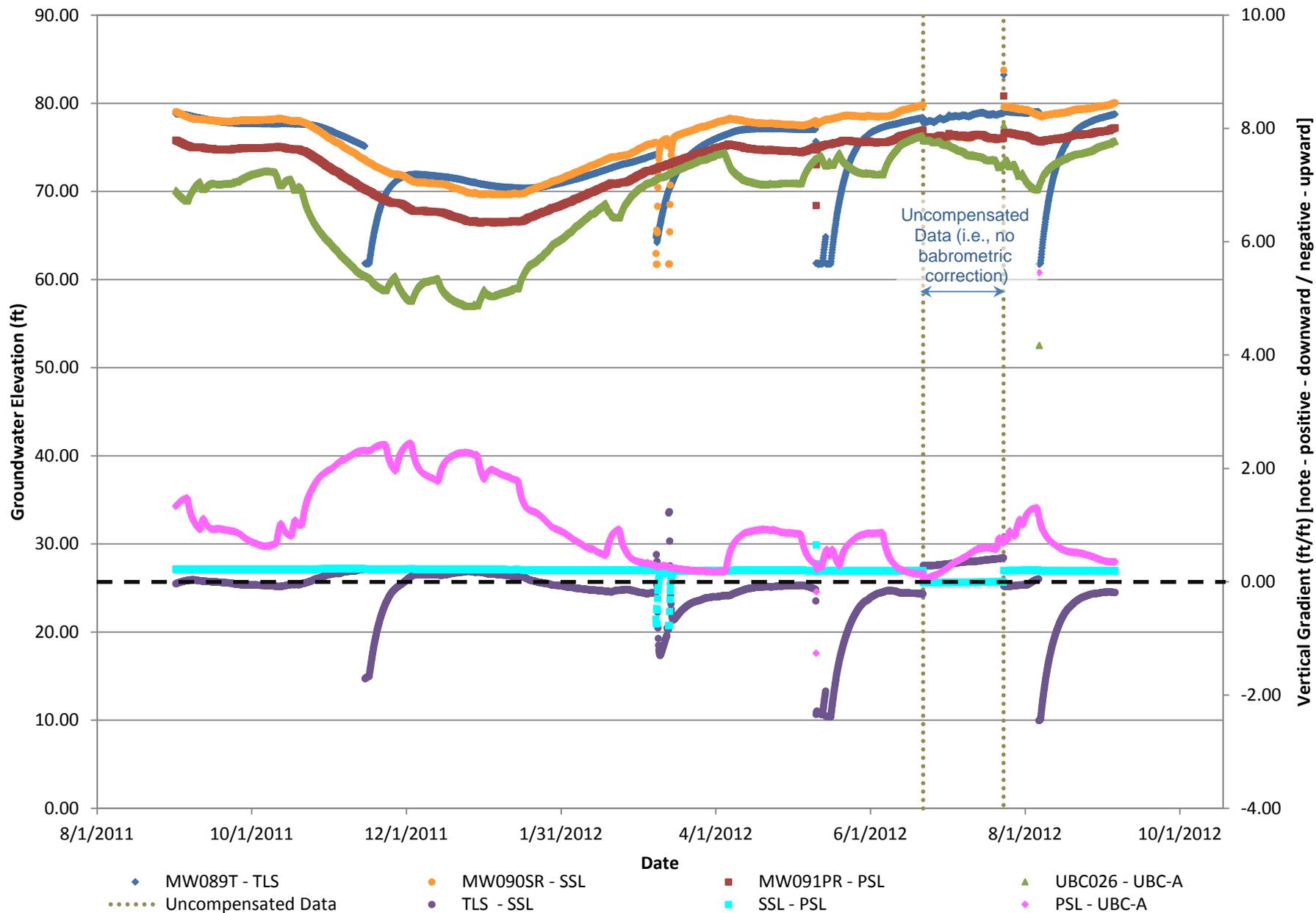
Time Series of GW Elevation and Gradients - Well Cluster 1



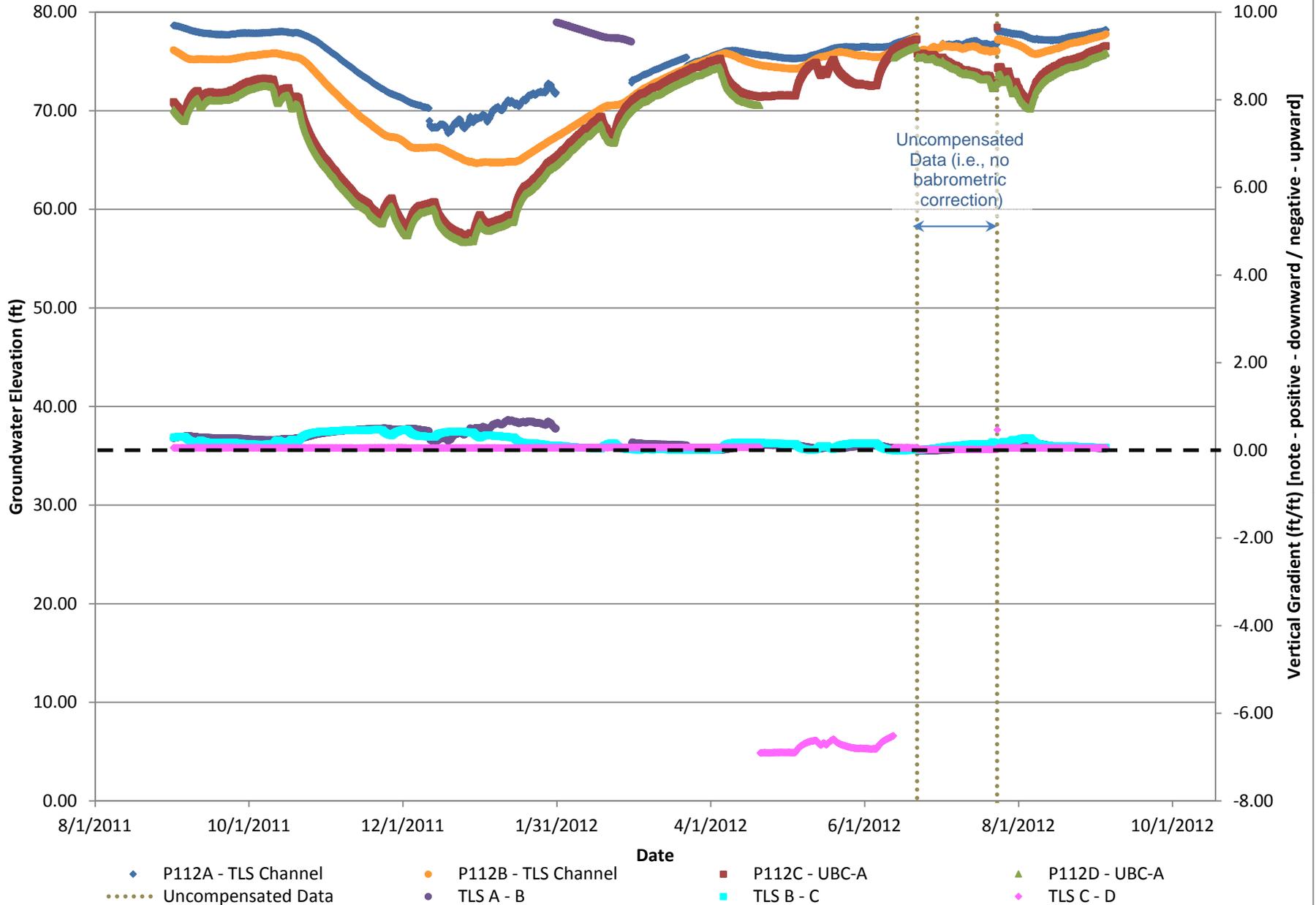
Time Series of GW Elevation and Gradients - Well Cluster A1



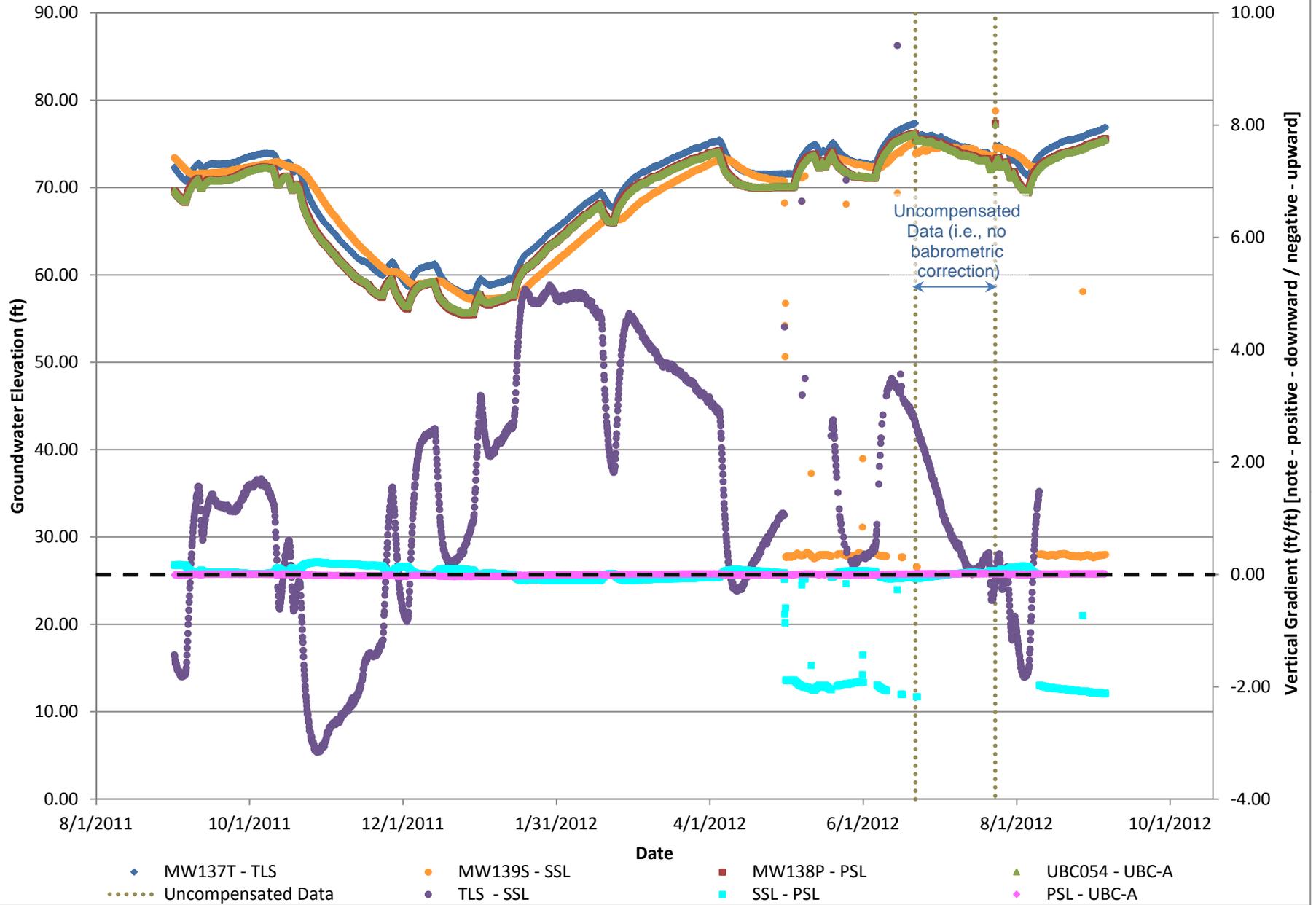
Time Series of GW Elevation and Gradients - Well Cluster A2



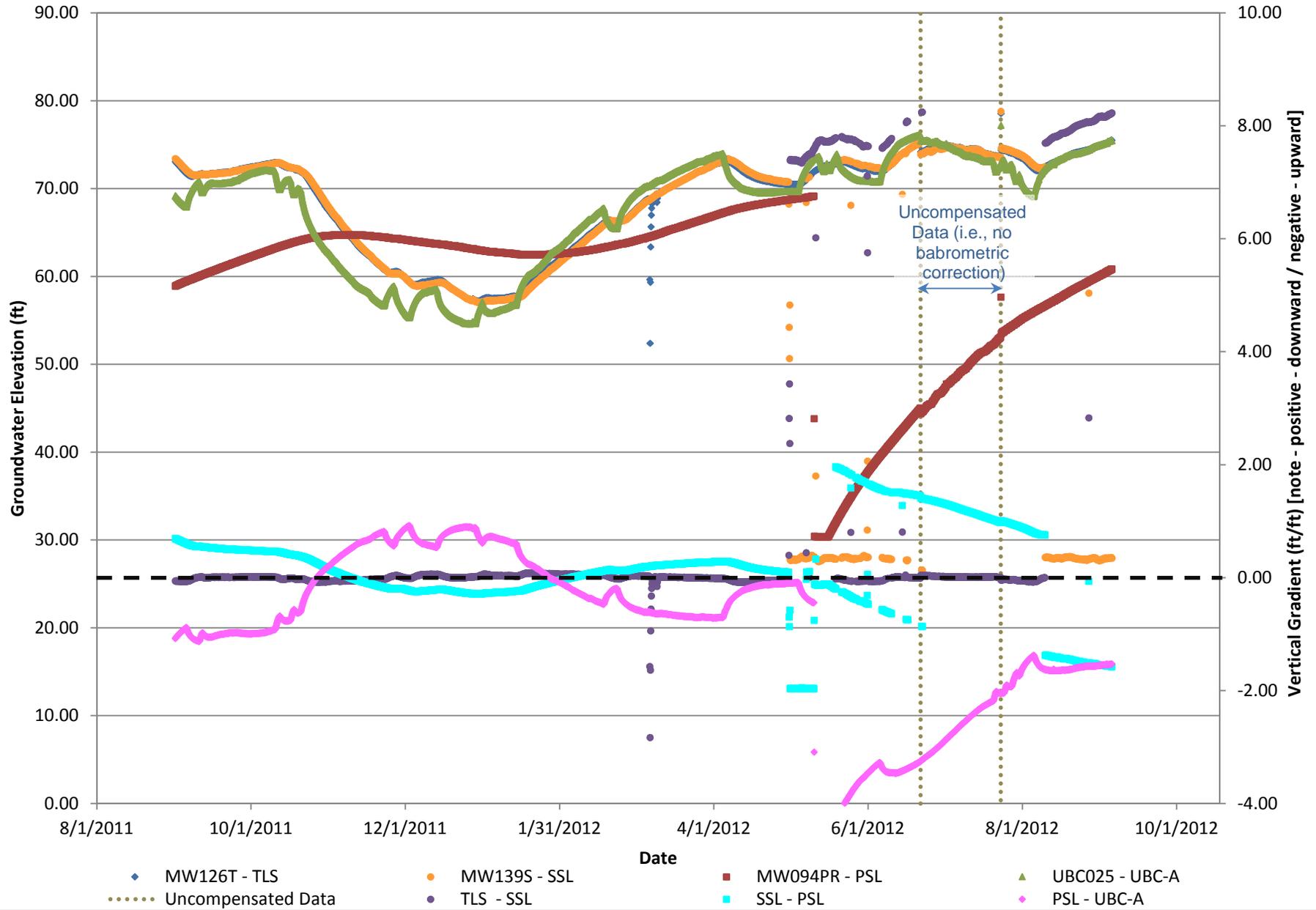
Time Series of GW Elevation and Gradients - Well Cluster A3



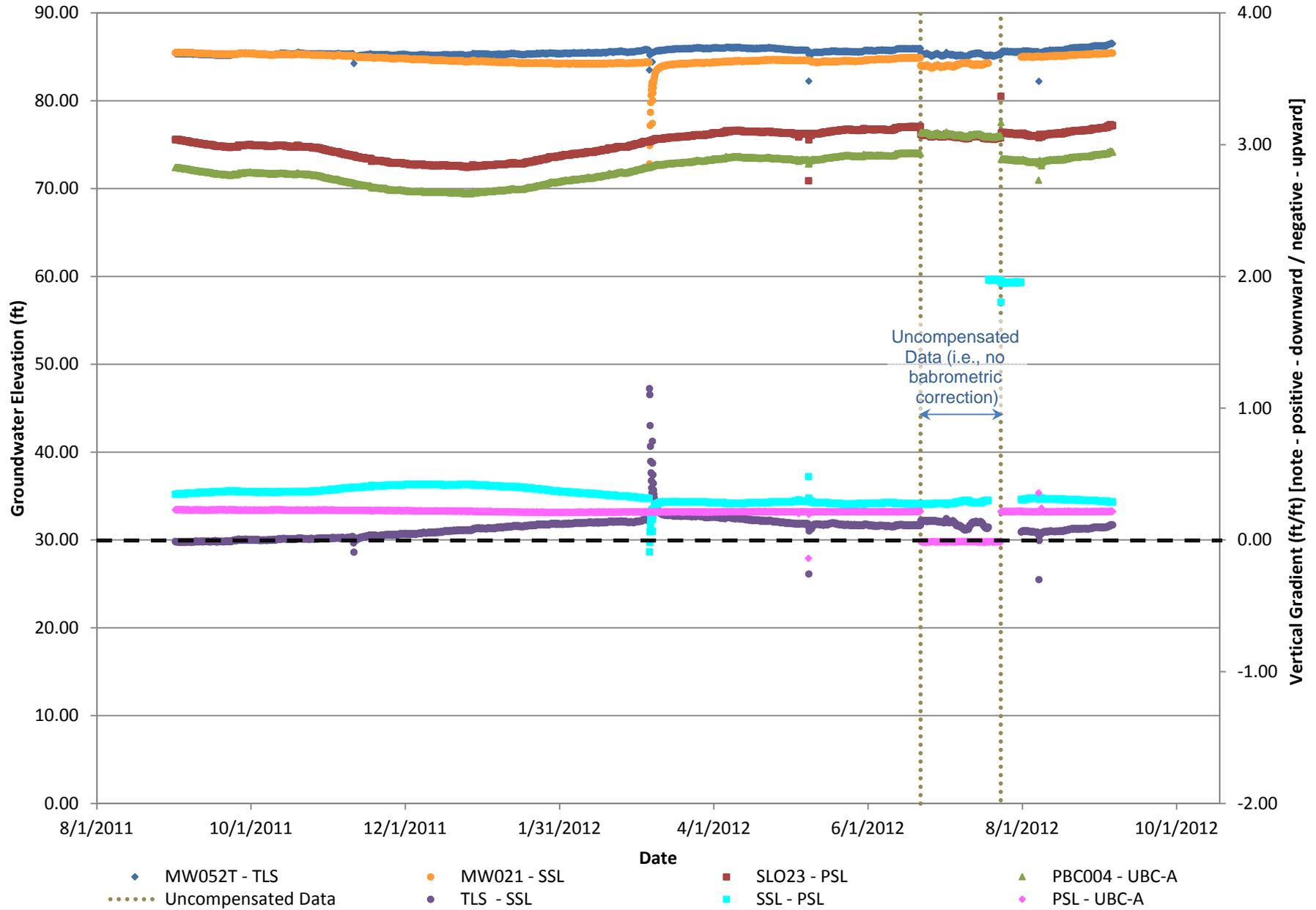
Time Series of GW Elevation and Gradients - Well Cluster A4



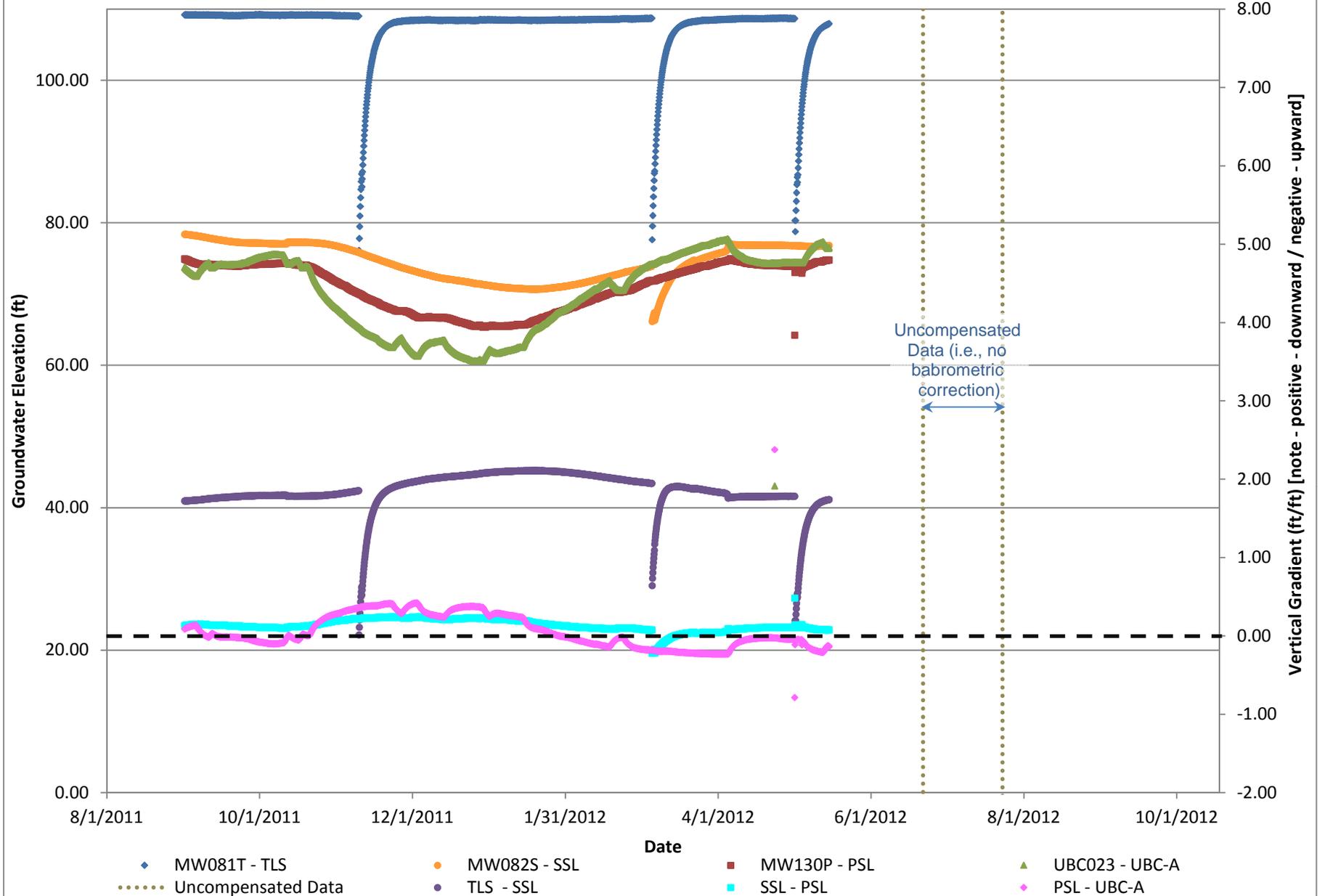
Time Series of GW Elevation and Gradients - Well Cluster A5



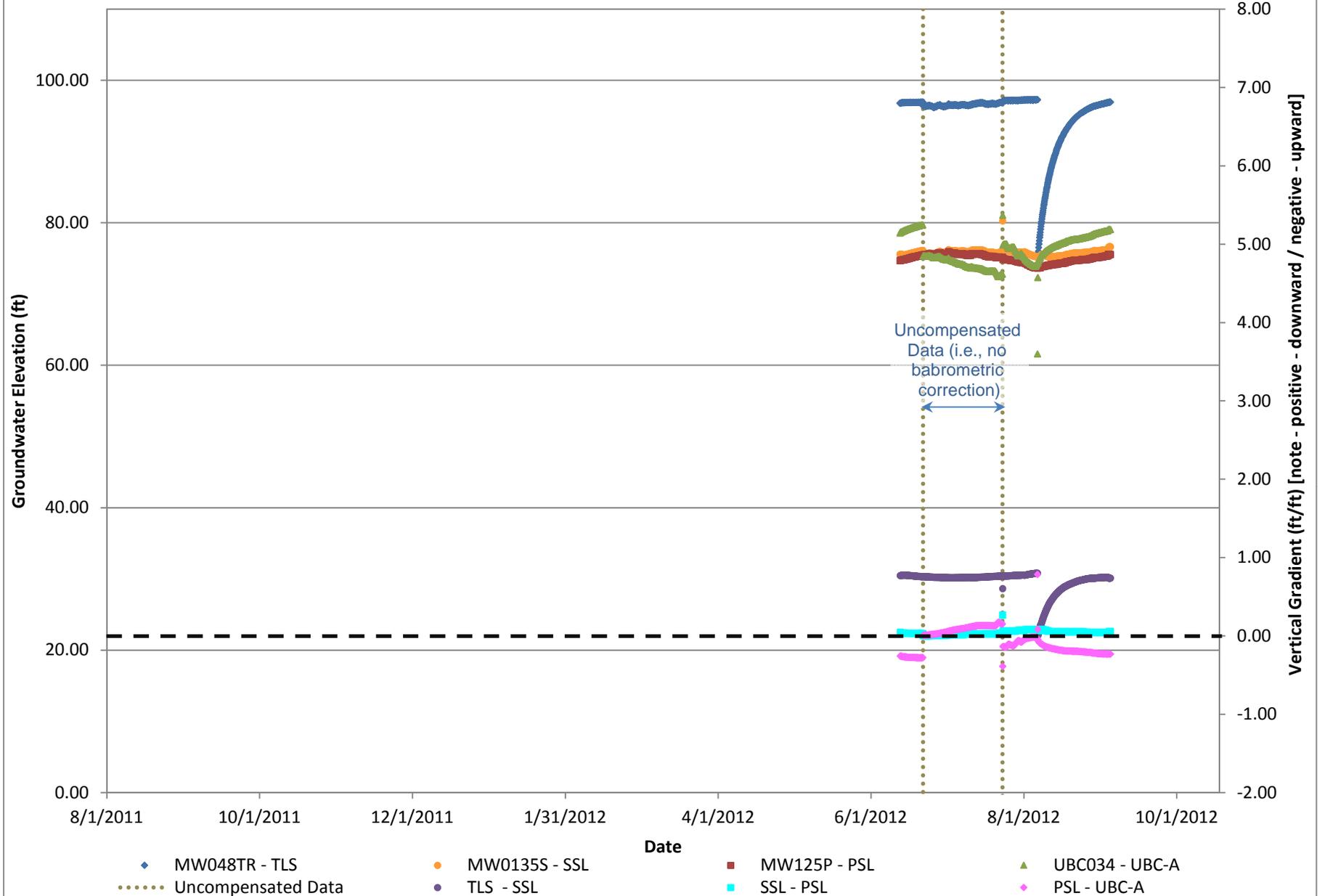
Time Series of GW Elevation and Gradients - Well Cluster B1



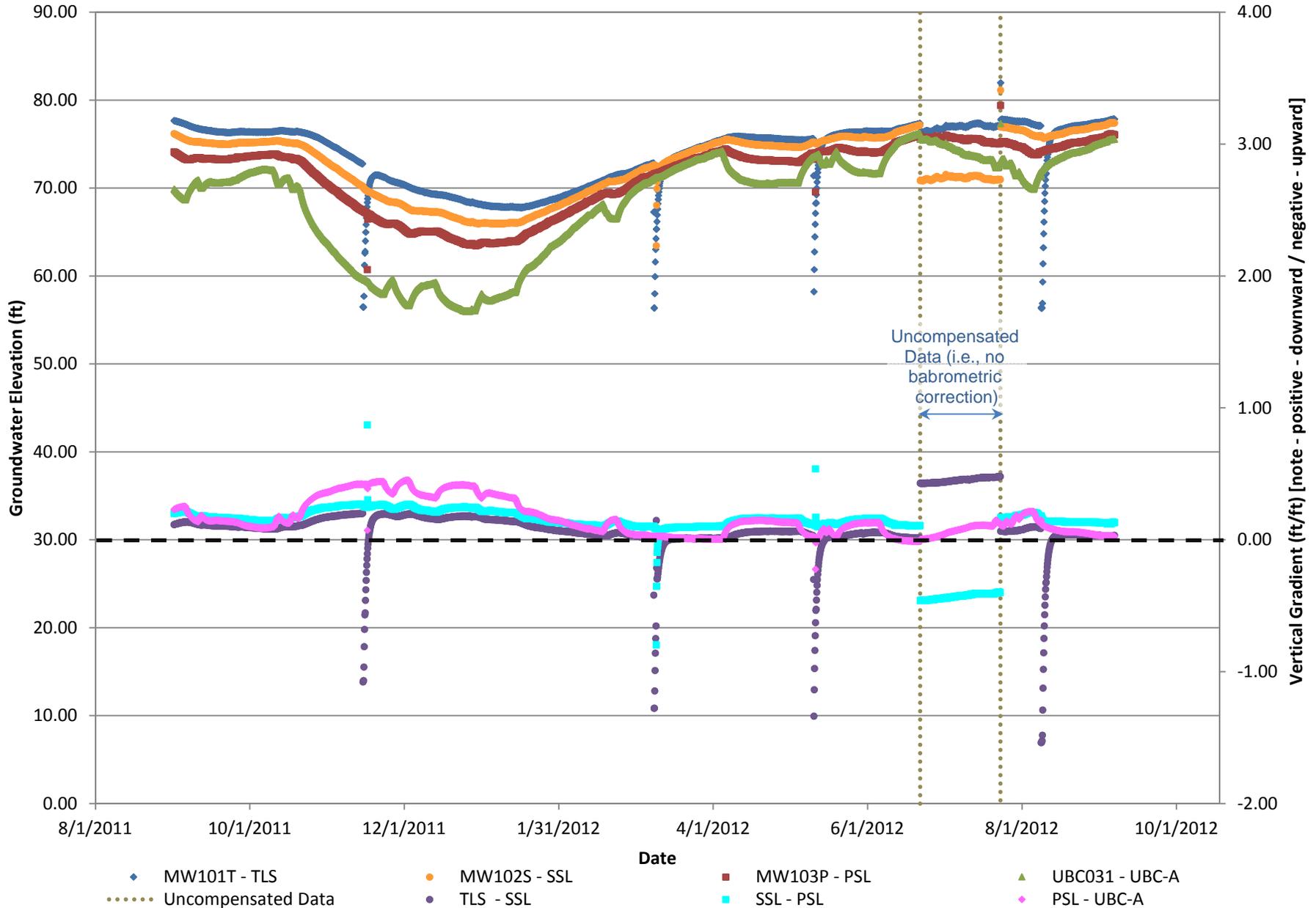
Time Series of GW Elevation and Gradients - Well Cluster B2



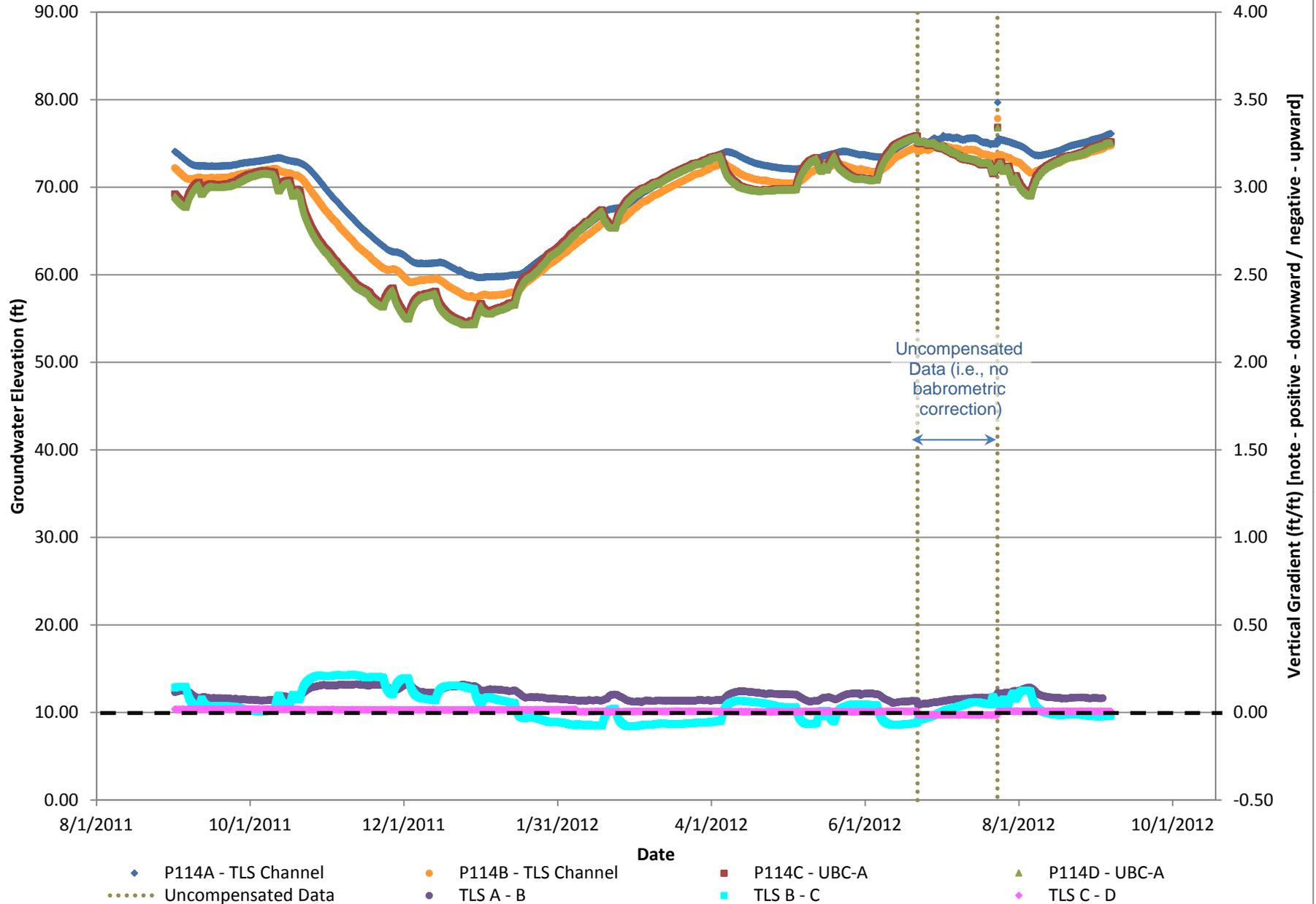
Time Series of GW Elevation and Gradients - Well Cluster B2R



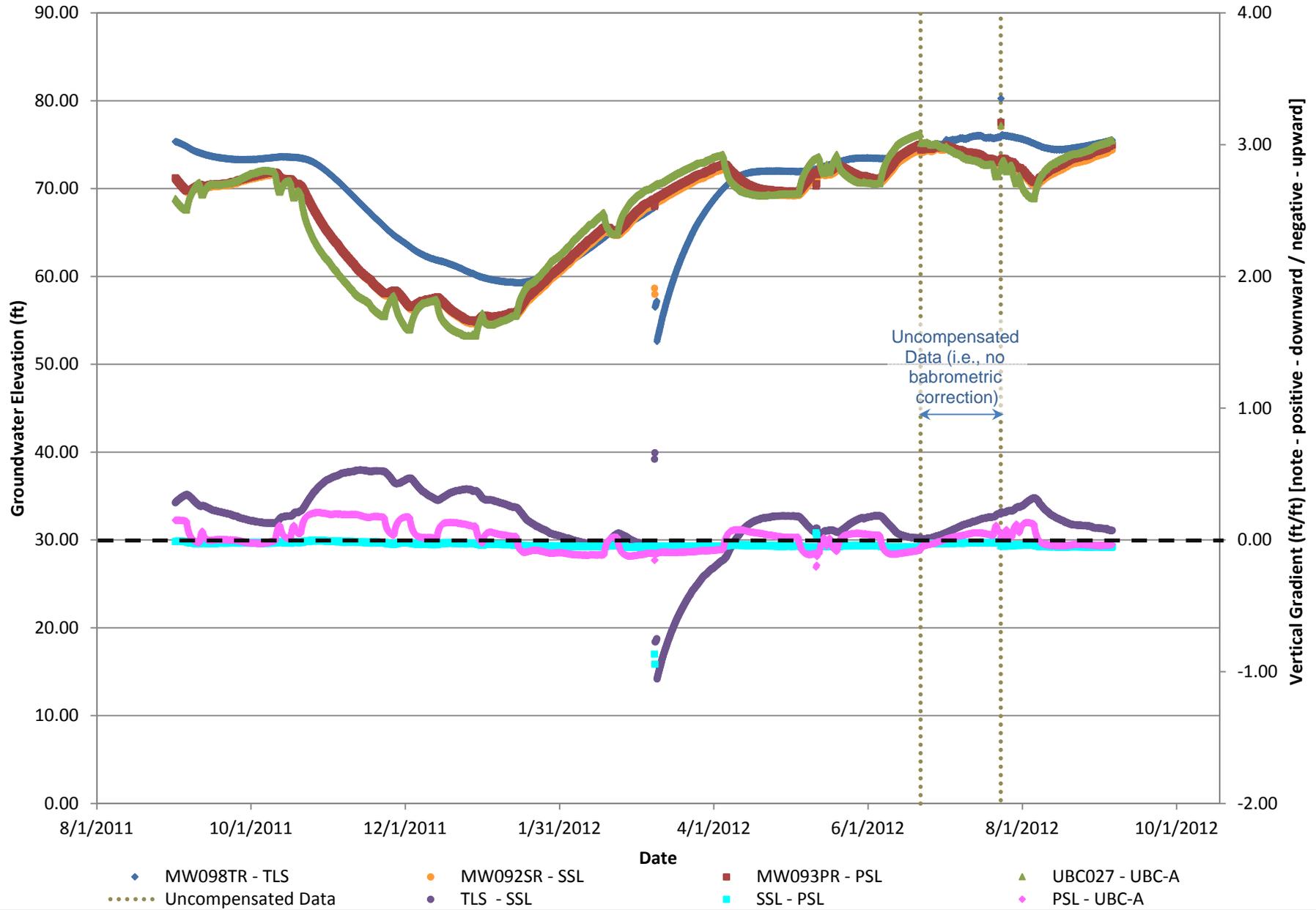
Time Series of GW Elevation and Gradients - Well Cluster B3



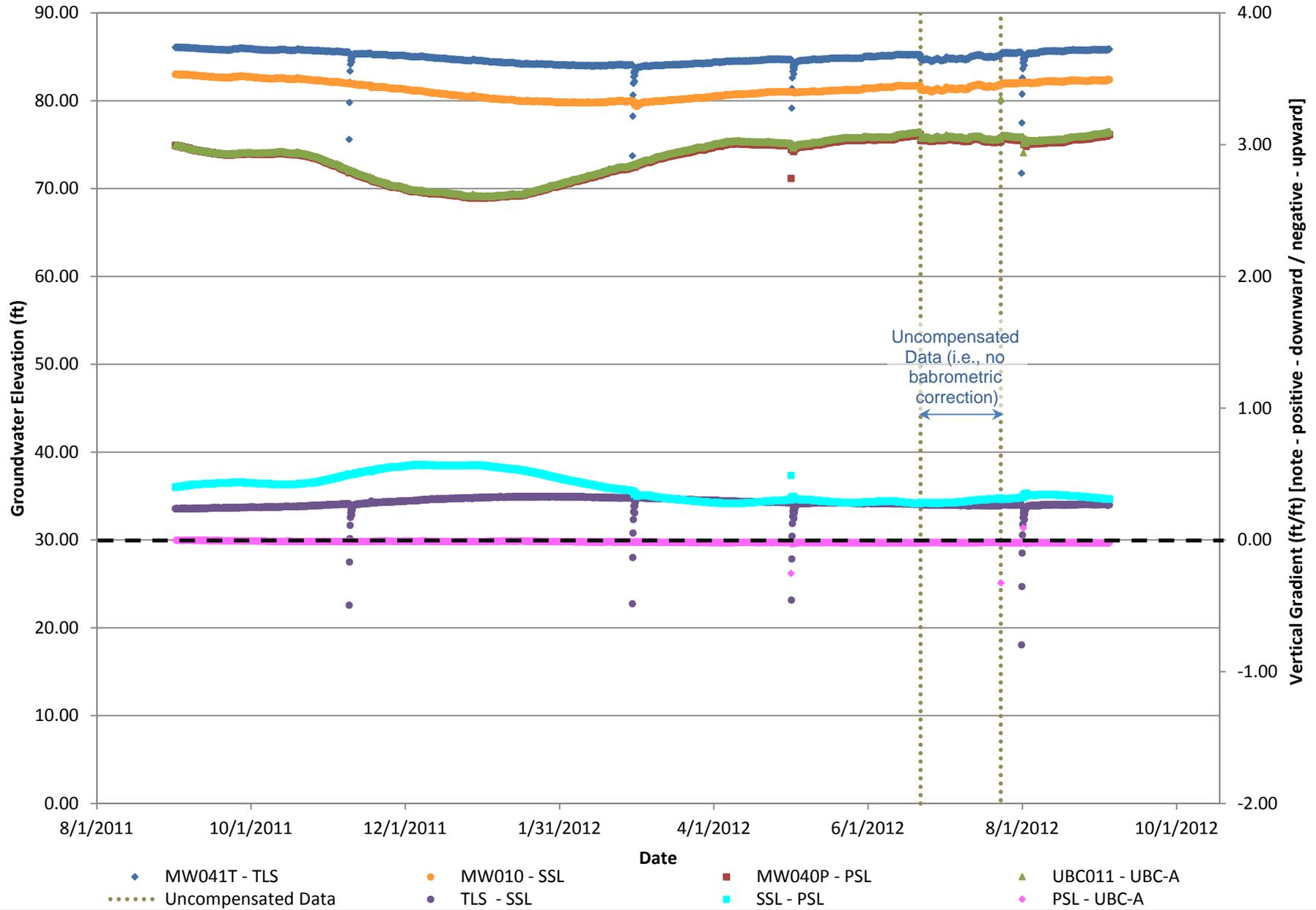
Time Series of GW Elevation and Gradients - Well Cluster B4



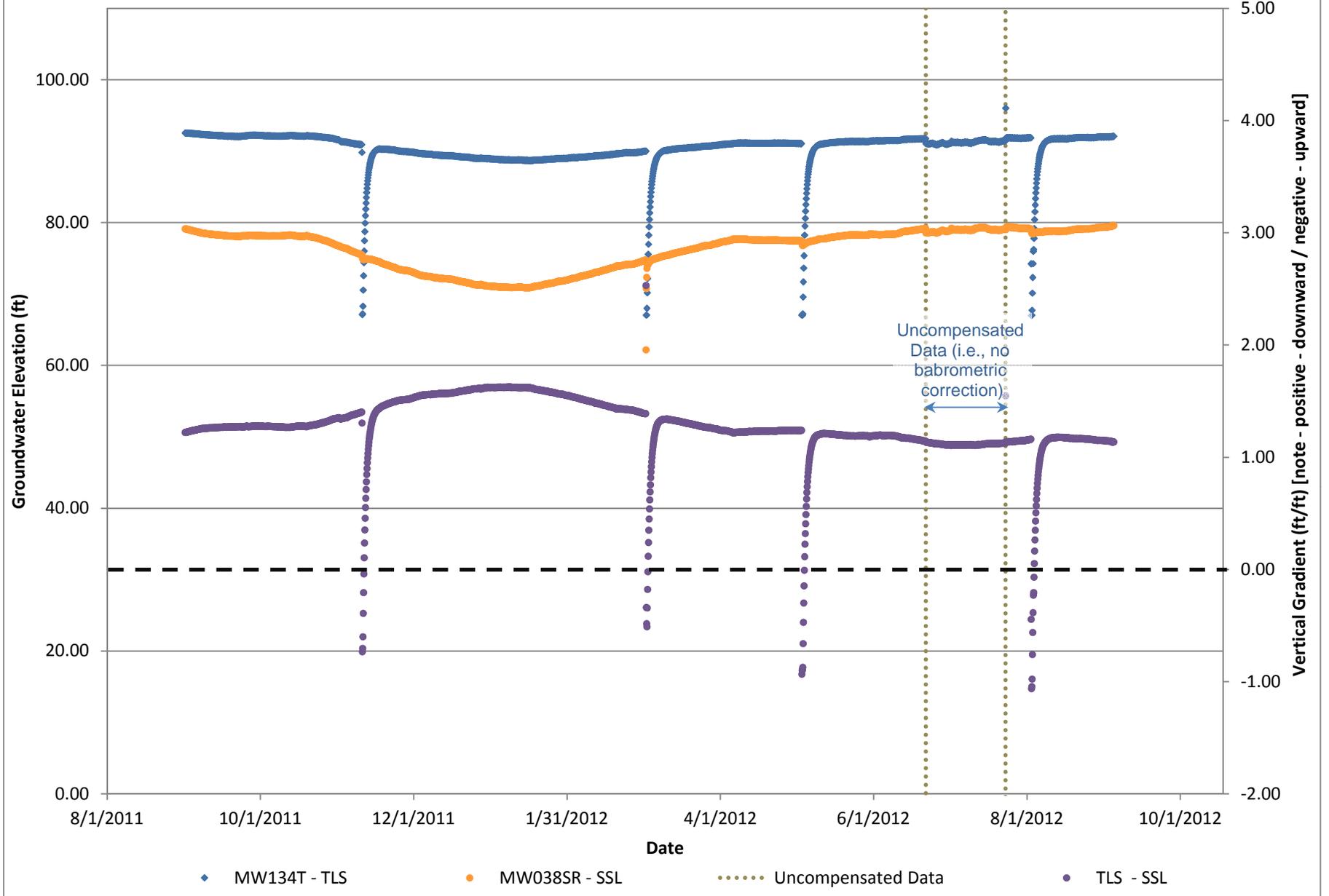
Time Series of GW Elevation and Gradients - Well Cluster B5



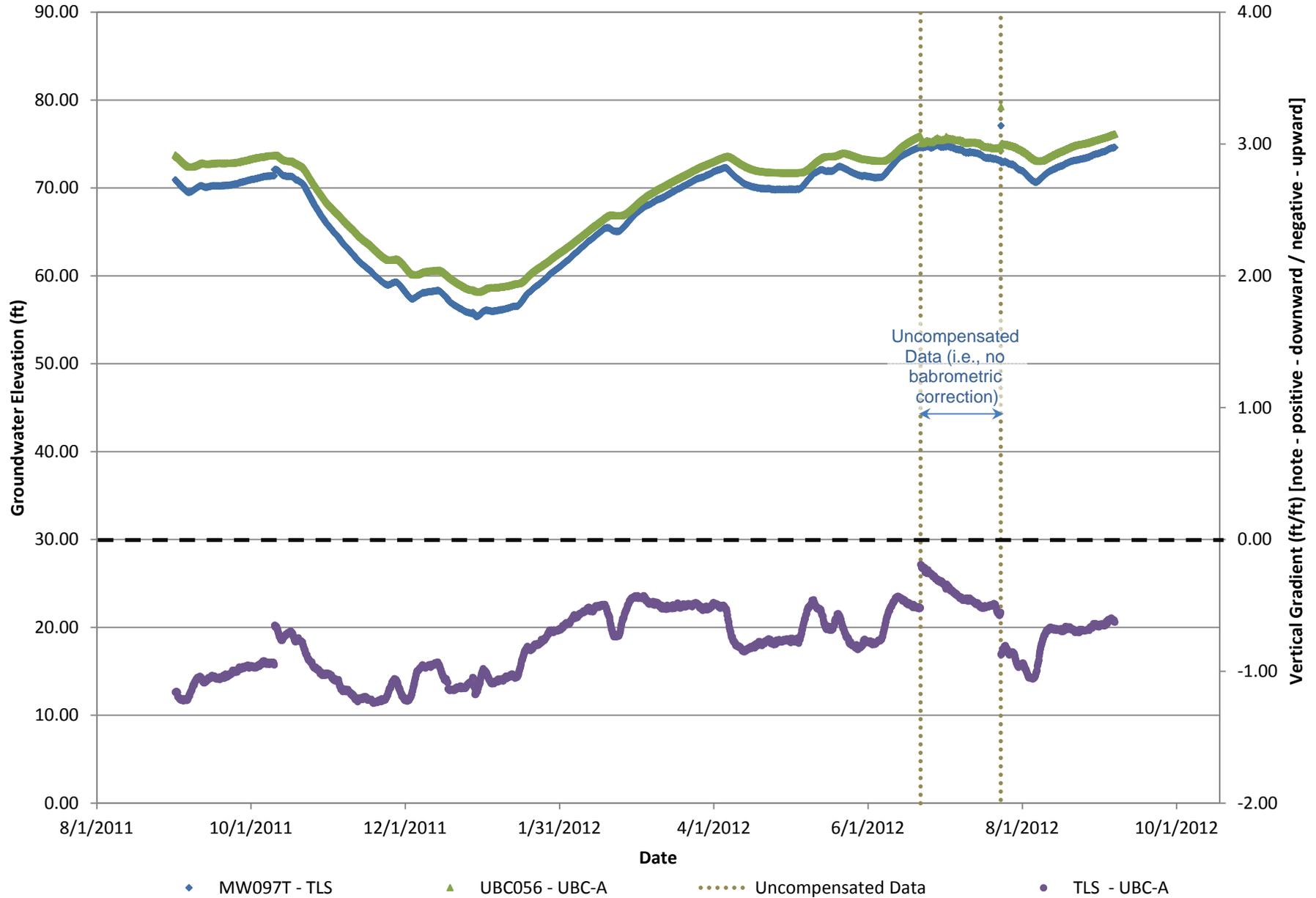
Time Series of GW Elevation and Gradients - Well Cluster C1



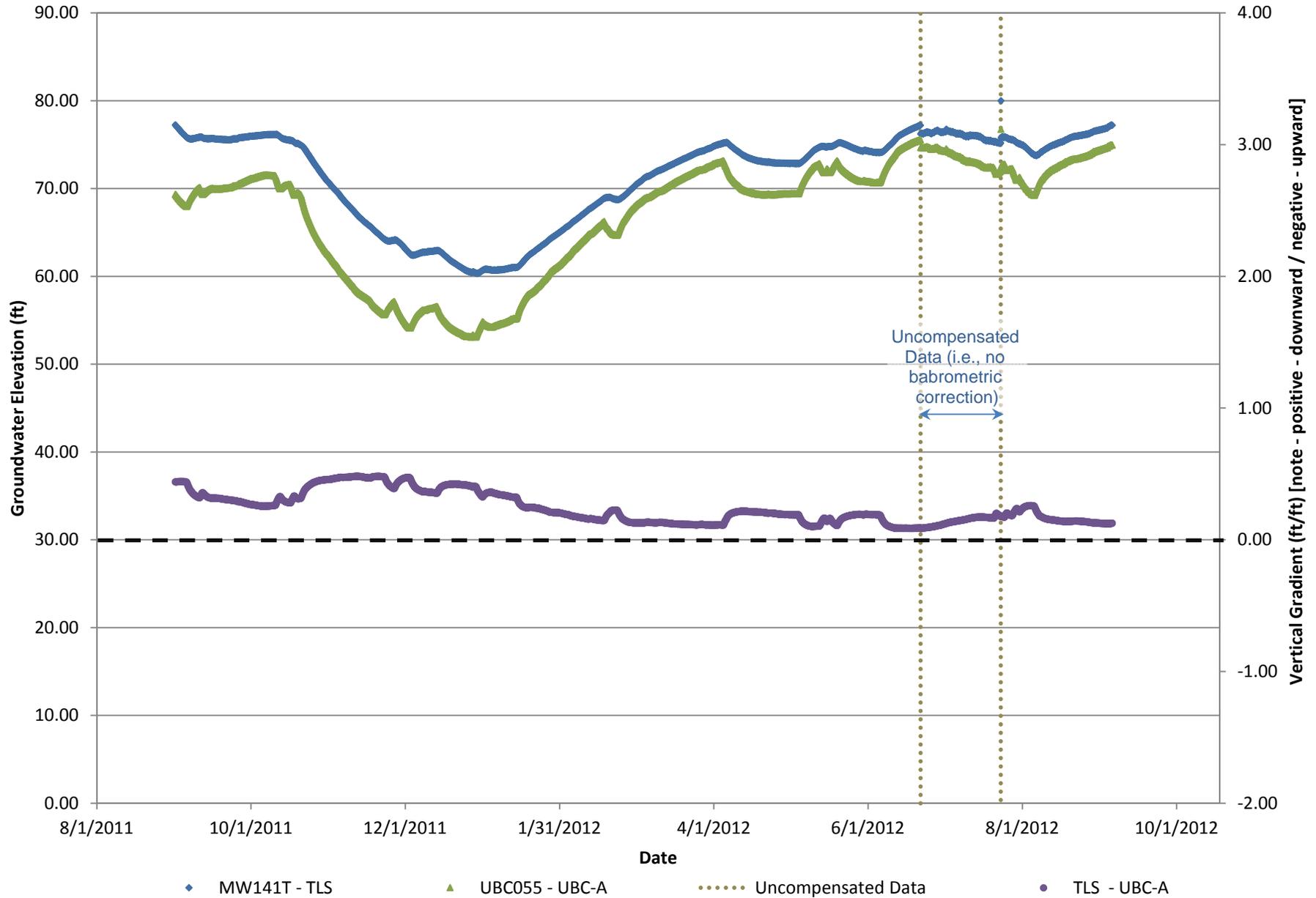
Time Series of GW Elevation and Gradients - Well Cluster C2



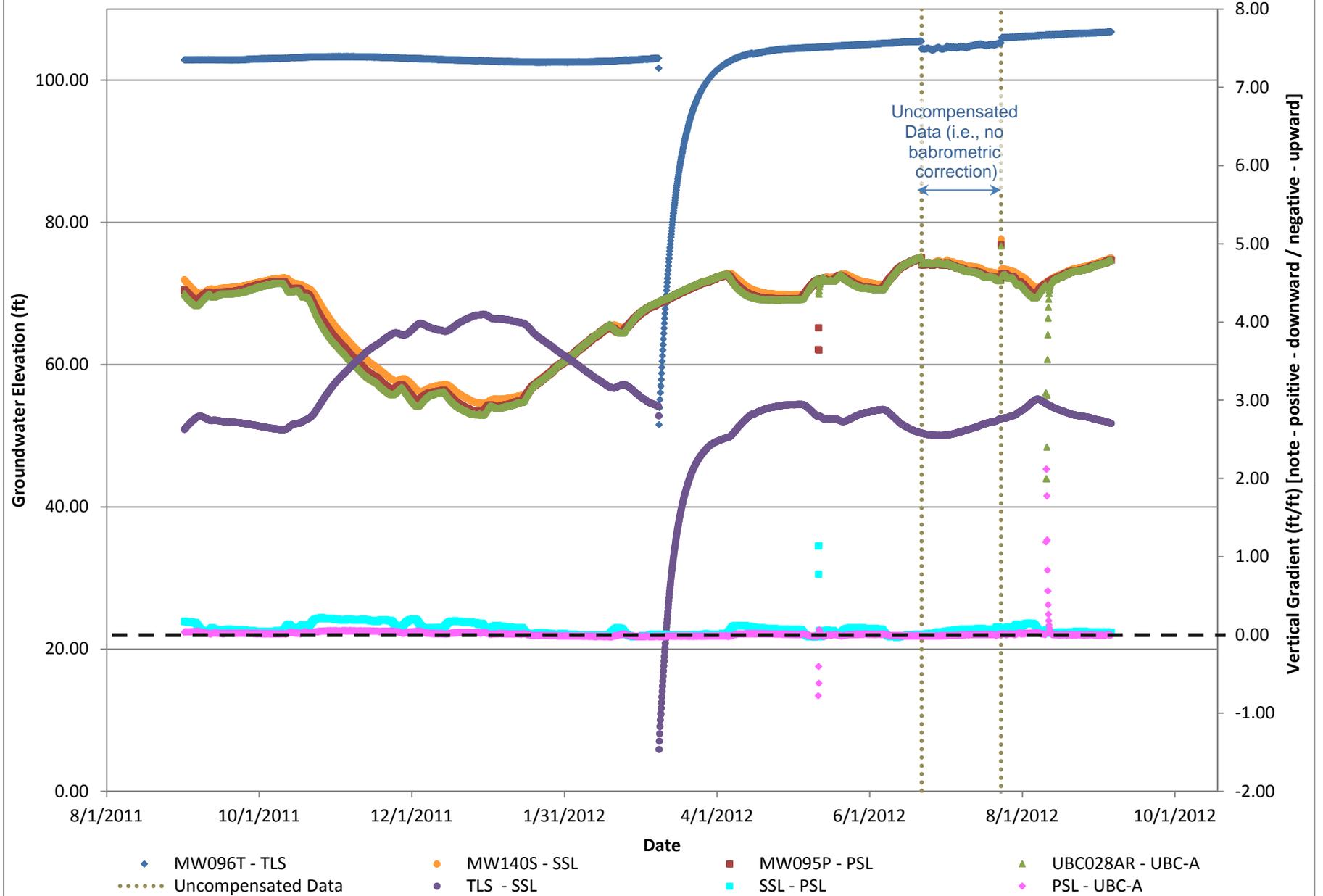
Time Series of GW Elevation and Gradients - Well Cluster C3



Time Series of GW Elevation and Gradients - Well Cluster C4



Time Series of GW Elevation and Gradients - Well Cluster C5



ATTACHMENT J

Quarterly Monitoring Water Level Data

Attachment J
Quarterly Monitoring Water Level Data
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well Identification	Screened Zone	TOC Elevation (ft) ¹	4Q2011 Measurement Date	4Q2011 Depth to Water (ft BTOC)	4Q2011 Groundwater Elevation (ft) ¹	1Q2012 Measurement Date	1Q2012 Depth to Water (ft BTOC)	1Q2012 Groundwater Elevation (ft) ¹	2Q2012 Measurement Date	2Q2012 Depth to Water (ft BTOC)	2Q2012 Groundwater Elevation (ft) ¹	3Q2012 Measurement Date	3Q2012 Depth to Water (ft BTOC)	3Q2012 Groundwater Elevation (ft) ¹
CBC004	UBC-A	103.17	11/7/2011	40.2	62.97	2/29/2012	33.04	70.13	5/1/2012	31.53	71.64	7/30/2012	31.61	71.56
MW001	SSDL	166.84	11/7/2011	NA	NA	2/29/2012	NA	NA	5/1/2012	NA	NA	7/30/2012	NA	NA
MW010	SSDL	125.82	11/7/2011	43.62	82.2	2/29/2012	45.81	80.01	5/1/2012	44.79	81.03	7/30/2012	44.02	81.8
MW011	SSDL	126.65	11/7/2011	45.57	81.08	2/29/2012	46.98	79.67	5/1/2012	45.8	80.85	7/30/2012	44.85	81.8
MW012	SSDL	121.4	11/7/2011	40.32	81.08	2/29/2012	41.73	79.67	5/1/2012	40.6	80.8	7/30/2012	39.67	81.73
MW013	SSDL	119.66	11/7/2011	38.53	81.13	2/29/2012	39.9	79.76	5/1/2012	38.74	80.92	7/30/2012	37.83	81.83
MW014	SSDL	121.74	11/7/2011	40.76	80.98	2/29/2012	42.26	79.48	5/1/2012	41.1	80.64	7/30/2012	40.15	81.59
MW015	SSDL	123.01	11/7/2011	35.48	87.53	2/29/2012	36.14	86.87	5/1/2012	35.45	87.56	7/30/2012	35.05	87.96
MW016TR	TLS	122.13	11/7/2011	28.1	94.03	2/29/2012	27.53	94.6	5/1/2012	27.83	94.3	7/30/2012	28.13	94
MW017	SSDL	120.75	11/7/2011	46.85	73.9	2/29/2012	49.11	71.64	5/1/2012	45.5	75.25	7/30/2012	43.84	76.91
MW018APR	PSDL	130.87	11/7/2011	58.66	72.21	2/29/2012	57.31	73.56	5/1/2012	55.53	75.34	7/30/2012	55.45	75.42
MW018B	SSDL	130.4	11/7/2011	50.16	80.24	2/29/2012	51.75	78.65	5/1/2012	50.38	80.02	7/30/2012	49.4	81
MW019A	TLS	129.82	11/7/2011	36.91	92.91	2/29/2012	36.52	93.3	5/1/2012	36.58	93.24	7/30/2012	36.63	93.19
MW020A	TLS	130.63	11/7/2011	39.07	91.56	2/29/2012	38.69	91.94	5/1/2012	38.58	92.05	7/30/2012	38.7	91.93
MW020B	SSDL	130.46	11/7/2011	50.2	80.26	2/29/2012	51.77	78.69	5/1/2012	50.55	79.91	7/30/2012	47.71	82.75
MW021	SSDL	131.98	11/7/2011	46.79	85.19	2/29/2012	47.65	84.33	5/1/2012	47.31	84.67	7/30/2012	47.71	84.27
MW022TR	TLS	133.28	11/7/2011	49.05	84.23	2/29/2012	48.27	85.01	5/1/2012	47.98	85.3	7/30/2012	48.29	84.99
MW023ATR	TLS	132.28	11/7/2011	48.15	84.13	2/29/2012	47.35	84.93	5/1/2012	47.1	85.18	7/30/2012	47.38	84.9
MW023SR	SSDL	132.28	11/7/2011	51.25	81.03	2/29/2012	51	81.28	5/1/2012	50.64	81.64	7/30/2012	50.41	81.87
MW024TR	TLS	135.27	11/7/2011	50.45	84.82	2/29/2012	49.7	85.57	5/1/2012	49.43	85.84	7/30/2012	49.72	85.55
MW025SR	SSDL	135.58	11/7/2011	54.99	80.59	2/29/2012	55.41	80.17	5/1/2012	58.33	77.25	7/30/2012	55.41	80.17
MW026ATR	TLS	135.52	11/7/2011	46.05	89.47	2/29/2012	45.95	89.57	5/1/2012	45.42	90.1	7/30/2012	45.46	90.06
MW026B	SSDL	135.64	11/7/2011	52.77	82.87	2/29/2012	53.38	82.26	5/1/2012	52.45	83.19	7/30/2012	51.91	83.73
MW027A	SSDL	135.02	11/7/2011	47.2	87.82	2/29/2012	47.73	87.29	5/1/2012	46.57	88.45	7/30/2012	46.38	88.64
MW027AR	SSDL	136.23	11/7/2011	50.24	85.99	2/29/2012	50.91	85.32	5/1/2012	49.67	86.56	7/30/2012	49.28	86.95
MW027BTR	TLS	135.69	11/7/2011	42.71	92.98	2/29/2012	42.7	92.99	5/1/2012	42.2	93.49	7/30/2012	42.12	93.57
MW028A	TLS	136.3	11/7/2011	42	94.3	2/29/2012	42.11	94.19	5/1/2012	41.43	94.87	7/30/2012	41.44	94.86
MW028B	SSDL	136.32	11/7/2011	55.8	80.52	2/29/2012	57.39	78.93	5/1/2012	56.12	80.2	7/30/2012	54.78	81.54
MW029	TLS	136.48	11/7/2011	41.61	94.87	2/29/2012	41.28	95.2	5/1/2012	39.02	97.46	7/30/2012	40.78	95.7
MW030	TLS	138.17	11/7/2011	42.9	95.27	2/29/2012	42.43	95.74	5/1/2012	42	96.17	7/30/2012	42.08	96.09
MW031TR	TLS	121.43	11/7/2011	30.1	91.33	2/29/2012	29.71	91.72	5/1/2012	29.74	91.69	7/30/2012	29.78	91.65
MW033	TLS	129.06	11/7/2011	31.67	97.39	2/29/2012	31.61	97.45	5/1/2012	31.59	97.47	7/30/2012	31.38	97.68
MW034	TLS	140.5	11/7/2011	41.03	99.47	2/29/2012	40.86	99.64	5/1/2012	40.84	99.66	7/30/2012	40.82	99.68
MW035S	SSDL	130.74	11/7/2011	52.31	78.43	2/29/2012	54.38	76.36	5/1/2012	51.62	79.12	7/30/2012	50.17	80.57
MW036SR	SSDL	129.96	11/7/2011	58.89	71.07	2/29/2012	60.25	69.71	5/1/2012	56.46	73.5	7/30/2012	54.61	75.35
MW037SR	SSDL	130.99	11/7/2011	60.4	70.59	2/29/2012	60.67	70.32	5/1/2012	57.17	73.82	7/30/2012	55.41	75.58
MW038SR	SSDL	133.19	11/7/2011	56.33	76.86	2/29/2012	59.06	74.13	5/1/2012	55.62	77.57	7/30/2012	54.12	79.07
MW039P	PSDL	129.07	11/7/2011	58.5	70.57	2/29/2012	58.11	70.96	5/1/2012	55.13	73.94	7/30/2012	54.34	74.73
MW040P	PSDL	125.29	11/7/2011	52.34	72.95	2/29/2012	53.08	72.21	5/1/2012	50.25	75.04	7/30/2012	49.87	75.42
MW041T	TLS	125.99	11/7/2011	40.32	85.67	2/29/2012	41.87	84.12	5/1/2012	41.28	84.71	7/30/2012	40.79	85.2
MW042TR	TLS	126.29	11/7/2011	39.73	86.56	2/29/2012	40.43	85.86	5/1/2012	39.88	86.41	7/30/2012	39.42	86.87
MW043T	TLS	122.63	11/7/2011	31.13	91.5	2/29/2012	30.41	92.22	5/1/2012	30.39	92.24	7/30/2012	30.86	91.77
MW044P	PSDL	122.45	11/7/2011	51.3	71.15	2/29/2012	50.46	71.99	5/1/2012	47.95	74.5	7/30/2012	47.45	75
MW045T	TLS	122.84	11/7/2011	25.64	97.2	2/29/2012	25.06	97.78	5/1/2012	25.21	97.63	7/30/2012	25.37	97.47
MW046P	PSDL	122.64	11/7/2011	51.38	71.26	2/29/2012	50.44	72.2	5/1/2012	48.05	74.59	7/30/2012	47.58	75.06
MW047P	PSDL	121.89	11/7/2011	50.58	71.31	2/29/2012	49.76	72.13	5/1/2012	47.3	74.59	7/30/2012	46.78	75.11

Attachment J
Quarterly Monitoring Water Level Data
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well Identification	Screened Zone	TOC Elevation (ft) ¹	4Q2011 Measurement Date	4Q2011 Depth to Water (ft BTOC)	4Q2011 Groundwater Elevation (ft) ¹	1Q2012 Measurement Date	1Q2012 Depth to Water (ft BTOC)	1Q2012 Groundwater Elevation (ft) ¹	2Q2012 Measurement Date	2Q2012 Depth to Water (ft BTOC)	2Q2012 Groundwater Elevation (ft) ¹	3Q2012 Measurement Date	3Q2012 Depth to Water (ft BTOC)	3Q2012 Groundwater Elevation (ft) ¹
MW048TR	TLS	138.73	11/7/2011	41.95	96.78	2/29/2012	42.57	96.16	5/1/2012	42.36	96.37	7/30/2012	41.76	96.97
MW049T	TLS	131.95	11/7/2011	39.1	92.85	2/29/2012	40.29	91.66	5/1/2012	39.21	92.74	7/30/2012	38.75	93.2
MW005BSR	SSDL	130.2	11/7/2011	50.68	79.52	2/29/2012	52.06	78.14	5/1/2012	50.73	79.47	7/30/2012	49.6	80.6
MW050T	TLS	129.92	11/7/2011	35.42	94.5	2/29/2012	36.21	93.71	5/1/2012	36.46	93.46	7/30/2012	35.65	94.27
MW051T	TLS	131.21	11/7/2011	33.5	97.71	2/29/2012	33.02	98.19	5/1/2012	34.24	96.97	7/30/2012	34.02	97.19
MW052T	TLS	131.35	11/7/2011	46.03	85.32	2/29/2012	45.7	85.65	5/1/2012	45.33	86.02	7/30/2012	46.05	85.3
MW053P	PSDL	133.15	11/7/2011	60.6	72.55	2/29/2012	58.92	74.23	5/1/2012	57.54	75.61	7/30/2012	57.78	75.37
MW054T	TLS	133.65	11/7/2011	48.95	84.7	2/29/2012	48.2	85.45	5/1/2012	48	85.65	7/30/2012	48.23	85.42
MW055P	PSDL	133.79	11/7/2011	60.5	73.29	2/29/2012	58.63	75.16	5/1/2012	57.54	76.25	7/30/2012	58.03	75.76
MW056P	PSDL	135.42	11/7/2011	62.19	73.23	2/29/2012	60.24	75.18	5/1/2012	59.18	76.24	7/30/2012	59.67	75.75
MW057S	SSDL	137.32	11/7/2011	59.16	78.16	2/29/2012	60.85	76.47	5/1/2012	58.73	78.59	7/30/2012	57.44	79.88
MW058P	PSDL	140.07	11/7/2011	64.91	75.16	2/29/2012	65.99	74.08	5/1/2012	63.78	76.29	7/30/2012	63.21	76.86
MW059S	SSDL	141.25	11/7/2011	64.4	76.85	2/29/2012	66.54	74.71	5/1/2012	64.15	77.1	7/30/2012	62.63	78.62
MW005A	TLS	129.19	11/7/2011	29.71	99.48	2/29/2012	29.14	100.05	5/1/2012	29.02	100.17	7/30/2012	29.22	99.97
MW006TR	TLS	128.72	11/7/2011	39.95	88.77	2/29/2012	40.36	88.36	5/1/2012	40.04	88.68	7/30/2012	39.82	88.9
MW060SR	SSDL	145.13	11/7/2011	69.75	75.38	2/29/2012	70.68	74.45	5/1/2012	68.35	76.78	7/30/2012	67.31	77.82
MW061T	TLS	141.12	11/7/2011	39.7	101.42	2/29/2012	39.97	101.15	5/1/2012	39.95	101.17	7/30/2012	40.15	100.97
MW062S	SSDL	157.99	11/7/2011	85.6	72.39	2/29/2012	86.55	71.44	5/1/2012	83.23	74.76	7/30/2012	81.53	76.46
MW063SR	SSDL	162.42	11/7/2011	89.14	73.28	2/29/2012	91.1	71.32	5/1/2012	87.38	75.04	7/30/2012	86.47	75.95
MW064P	PSDL	138.45	11/7/2011	69.51	68.94	2/29/2012	68.54	69.91	5/1/2012	65.43	73.02	7/30/2012	63.94	74.51
MW007SR	SSDL	128.65	11/7/2011	48.3	80.35	2/29/2012	49.65	79	5/1/2012	48.35	80.3	7/30/2012	47.43	81.22
MW071T	TLS	130.44	11/7/2011	44.2	86.24	2/29/2012	45.08	85.36	5/1/2012	44.32	86.12	7/30/2012	43.67	86.77
MW072P	PSDL	131.32	11/7/2011	63.14	68.18	2/29/2012	61.68	69.64	5/1/2012	58.55	72.77	7/30/2012	57.11	74.21
MW073T	TLS	130.65	11/7/2011	42.41	88.24	2/29/2012	42.82	87.83	5/1/2012	42.56	88.09	7/30/2012	42.36	88.29
MW077P	PSDL	146.11	11/7/2011	71.6	74.51	2/29/2012	77.36	68.75	5/1/2012	72.03	74.08	7/30/2012	70.1	76.01
MW078T	TLS	145.79	11/7/2011	62.96	82.83	2/29/2012	67.42	78.37	5/1/2012	65.28	80.51	7/30/2012	63.28	82.51
MW008TR	TLS	128.17	11/7/2011	41.8	86.37	2/29/2012	42.48	85.69	5/1/2012	42.1	86.07	7/30/2012	41.67	86.5
MW080TR	TLS	162.38	11/7/2011	88.97	73.41	2/29/2012	90.91	71.47	5/1/2012	87.38	75	7/30/2012	85.45	76.93
MW081T	TLS	141.63	11/7/2011	32.5	109.13	2/29/2012	32.95	108.68	5/1/2012	32.89	108.74	7/30/2012	N/A	N/A
MW082S	SSDL	141.55	11/7/2011	64.76	76.79	2/29/2012	68.53	73.02	5/1/2012	64.7	76.85	7/30/2012	N/A	N/A
MW086SR	SSDL	166.54	11/7/2011	94.35	72.19	2/29/2012	95.24	71.3	5/1/2012	91.86	74.68	7/30/2012	90.08	76.46
MW087P	PSDL	166.81	11/7/2011	97.6	69.21	2/29/2012	96.65	70.16	5/1/2012	93.05	73.76	7/30/2012	91.97	74.84
MW089T	TLS	160.2	11/7/2011	83.21	76.99	2/29/2012	87.17	73.03	5/1/2012	83.09	77.11	7/30/2012	81.3	78.9
MW009	SSDL	125.03	11/7/2011	43.49	81.54	2/29/2012	44.82	80.21	5/1/2012	43.77	81.26	7/30/2012	42.93	82.1
MW009A	TLS	126.04	11/7/2011	42.67	83.37	2/29/2012	43.79	82.25	5/1/2012	42.95	83.09	7/30/2012	42.21	83.83
MW090SR	SSDL	160.1	11/7/2011	83.99	76.11	2/29/2012	86.07	74.03	5/1/2012	82.39	77.71	7/30/2012	84.13	75.97
MW091PR	PSDL	160.19	11/7/2011	87.42	72.77	2/29/2012	89.19	71	5/1/2012	85.48	74.71	7/30/2012	84.13	76.06
MW092SR	SSDL	177.58	11/7/2011	112.6	64.98	2/29/2012	112.85	64.73	5/1/2012	108.23	69.35	7/30/2012	104.71	72.87
MW093PR	PSDL	177.27	11/7/2011	112.18	65.09	2/29/2012	112.05	65.22	5/1/2012	107.42	69.85	7/30/2012	104.22	73.05
MW094PR	PSDL	177.81	11/7/2011	113.17	64.64	2/29/2012	114.14	63.67	5/1/2012	109.39	68.42	7/30/2012	124.7	53.11
MW095P	PSDL	175.35	11/7/2011	111.62	63.73	2/29/2012	110.75	64.6	5/1/2012	106.07	69.28	7/30/2012	103.33	72.02
MW096T	TLS	175.78	11/7/2011	72.46	103.32	2/29/2012	72.97	102.81	5/1/2012	71.56	104.22	7/30/2012	70.53	105.25
MW097T	TLS	161.82	11/7/2011	96.01	65.81	2/29/2012	96.74	65.08	5/1/2012	91.92	69.9	7/30/2012	88.66	73.16
MW098TR	TLS	177.65	11/7/2011	105.77	71.88	2/29/2012	112.14	65.51	5/1/2012	105.65	72	7/30/2012	101.79	75.86
MW099P	PSDL	154.27	11/7/2011	85.35	68.92	2/29/2012	84.14	70.13	5/1/2012	81.07	73.2	7/30/2012	79.52	74.75
MW100P	PSDL	144.72	11/7/2011	69.14	75.58	2/29/2012	69.91	74.81	5/1/2012	67.6	77.12	7/30/2012	66.57	78.15

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Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well Identification	Screened Zone	TOC Elevation (ft) ¹	4Q2011 Measurement Date	4Q2011 Depth to Water (ft BTOC)	4Q2011 Groundwater Elevation (ft) ¹	1Q2012 Measurement Date	1Q2012 Depth to Water (ft BTOC)	1Q2012 Groundwater Elevation (ft) ¹	2Q2012 Measurement Date	2Q2012 Depth to Water (ft BTOC)	2Q2012 Groundwater Elevation (ft) ¹	3Q2012 Measurement Date	3Q2012 Depth to Water (ft BTOC)	3Q2012 Groundwater Elevation (ft) ¹
MW101T	TLS	167.96	11/7/2011	92.78	75.18	2/29/2012	96.42	71.54	5/1/2012	92.26	75.7	7/30/2012	90.87	77.09
MW102S	SSDL	167.72	11/7/2011	94.73	72.99	2/29/2012	96.86	70.86	5/1/2012	92.87	74.85	7/30/2012	96.75	70.97
MW103P	PSDL	167.42	11/7/2011	96.97	70.45	2/29/2012	98.02	69.4	5/1/2012	94.25	73.17	7/30/2012	92.33	75.09
MW114T	TLS	168.76	11/7/2011	99.21	69.55	2/29/2012	98.61	70.15	5/1/2012	94.96	73.8	7/30/2012	92.73	76.03
MW115T	TLS	168.84	11/7/2011	106.49	62.35	2/29/2012	99.95	68.89	5/1/2012	98.1	70.74	7/30/2012	96.78	72.06
MW116T	TLS	168.72	11/7/2011	97.08	71.64	2/29/2012	97.35	71.37	5/1/2012	93.23	75.49	7/30/2012	90.45	78.27
MW117T	TLS	168.71	11/7/2011	109.05	59.66	2/29/2012	100.49	68.22	5/1/2012	99.22	69.49	7/30/2012	98.05	70.66
MW125P	PSDL	134.41	11/7/2011	65.96	68.45	2/29/2012	64.61	69.8	5/1/2012	61.46	72.95	7/30/2012	59.21	75.2
MW126T	TLS	177.15	11/7/2011	109.49	67.66	2/29/2012	110.92	66.23	5/1/2012	106.39	70.76	7/30/2012	103.53	73.62
MW127T	TLS	129.83	11/7/2011	35.75	94.08	2/29/2012	35.36	94.47	5/1/2012	35.5	94.33	7/30/2012	35.59	94.24
MW128S	SSDL	129.58	11/7/2011	55.79	73.79	2/29/2012	57.77	71.81	5/1/2012	55.04	74.54	7/30/2012	52.69	76.89
MW129S	SSDL	130.85	11/7/2011	57.38	73.47	2/29/2012	59.09	71.76	5/1/2012	55.63	75.22	7/30/2012	53.95	76.9
MW130P	PSDL	141.96	11/7/2011	70.17	71.79	2/29/2012	71.56	70.4	5/1/2012	67.9	74.06	7/30/2012	N/A	N/A
MW131T	TLS	128.62	11/7/2011	28.96	99.66	2/29/2012	28.77	99.85	5/1/2012	28.8	99.82	7/30/2012	28.68	99.94
MW132T	TLS	128.54	11/7/2011	28.86	99.68	2/29/2012	28.67	99.87	5/1/2012	28.71	99.83	7/30/2012	28.59	99.95
MW133T	TLS	130.58	11/7/2011	31.26	99.32	2/29/2012	31.02	99.56	5/1/2012	31.13	99.45	7/30/2012	31.03	99.55
MW134T	TLS	132.94	11/7/2011	41.27	91.67	2/29/2012	43.11	89.83	5/1/2012	41.79	91.15	7/30/2012	41.48	91.46
MW135S	SSDL	133.73	11/7/2011	63.48	70.25	2/29/2012	63.71	70.02	5/1/2012	60.24	73.49	7/30/2012	57.88	75.85
MW137T	TLS	157.629	11/7/2011	91.8	65.83	2/29/2012	89.79	67.84	5/1/2012	86.1	71.53	7/30/2012	84.17	73.46
MW138P	PSDL	157.782	11/7/2011	94.34	63.44	2/29/2012	91.11	66.67	5/1/2012	87.8	69.98	7/30/2012	84.99	72.79
MW139S	SSDL	163.422	11/7/2011	95.35	68.07	2/29/2012	97.05	66.37	5/1/2012	92.34	71.08	7/30/2012	89.84	73.58
MW140S	SSDL	175.881	11/7/2011	110.43	65.45	2/29/2012	110.69	65.19	5/1/2012	105.93	69.95	7/30/2012	103.16	72.72
MW141T	TLS	158.536	11/7/2011	87.74	70.8	2/29/2012	89.78	68.76	5/1/2012	85.54	73	7/30/2012	83.36	75.18
OC002	OC	123.47	11/7/2011	32.52	90.95	2/29/2012	33.37	90.1	5/1/2012	32.8	90.67	7/30/2012	32.41	91.06
OC003	OC	120.93	11/7/2011	22.23	98.7	2/29/2012	21.04	99.89	5/1/2012	21.29	99.64	7/30/2012	22.12	98.81
OC004	OC	126.38	11/7/2011	28.58	97.8	2/29/2012	27.65	98.73	5/1/2012	28.58	97.8	7/30/2012	29.35	97.03
OC005	OC	128.7	11/7/2011	26.89	101.81	2/29/2012	22.5	106.2	5/1/2012	22.52	106.18	7/30/2012	22.75	105.95
OC006	OC	128.48	11/7/2011	32.05	96.43	2/29/2012	31.41	97.07	5/1/2012	31.36	97.12	7/30/2012	31.74	96.74
OC007	OC	140.56	11/7/2011	32.45	108.11	2/29/2012	31.53	109.03	5/1/2012	31.05	109.51	7/30/2012	31.04	109.52
OC008	OC	140.74	11/7/2011	36.11	104.63	2/29/2012	35.8	104.94	5/1/2012	35.35	105.39	7/30/2012	35.34	105.4
OC009	OC	128.04	11/7/2011	29.33	98.71	2/29/2012	28.75	99.29	5/1/2012	28.79	99.25	7/30/2012	29.12	98.92
OC010	OC	127.07	11/7/2011	30.9	96.17	2/29/2012	29.26	97.81	5/1/2012	29.5	97.57	7/30/2012	30.59	96.48
OC011	OC	124.7	11/7/2011	28.22	96.48	2/29/2012	26.5	98.2	5/1/2012	26.87	97.83	7/30/2012	28.14	96.56
OC012	OC	122.16	11/7/2011	21.5	100.66	2/29/2012	20.62	101.54	5/1/2012	20.9	101.26	7/30/2012	21.4	100.76
OC013	OC	119.78	11/7/2011	20.39	99.39	2/29/2012	20	99.78	5/1/2012	21.14	98.64	7/30/2012	21.69	98.09
OC014	OC	130.6	11/7/2011	33.02	97.58	2/29/2012	32.44	98.16	5/1/2012	31.96	98.64	7/30/2012	32.23	98.37
OC015	OC	128.77	11/7/2011	22.3	106.47	2/29/2012	21.03	107.74	5/1/2012	21.38	107.39	7/30/2012	22.03	106.74
OC016	OC	129.86	11/7/2011	22.43	107.43	2/29/2012	21.44	108.42	5/1/2012	21.3	108.56	7/30/2012	21.87	107.99
OCS001	OC	158.94	11/7/2011	33.58	125.36									
OCS002	OC	152.45	11/7/2011	34.85	117.6									
OCS003A	OC	147.47	11/7/2011	21.18	126.29									
OCS003B	OC	147.82	11/7/2011	11.51	136.31									
OCS004	OC	143.72	11/7/2011	21.3	122.42									
OCS005	OC	154.66	11/7/2011	39.51	115.15									
OCS006A	OC	139.07	11/7/2011	19.5	119.57									
OCS006B	OC	139.78	11/7/2011	13.5	126.28									

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Well Identification	Screened Zone	TOC Elevation (ft) ¹	4Q2011 Measurement Date	4Q2011 Depth to Water (ft BTOC)	4Q2011 Groundwater Elevation (ft) ¹	1Q2012 Measurement Date	1Q2012 Depth to Water (ft BTOC)	1Q2012 Groundwater Elevation (ft) ¹	2Q2012 Measurement Date	2Q2012 Depth to Water (ft BTOC)	2Q2012 Groundwater Elevation (ft) ¹	3Q2012 Measurement Date	3Q2012 Depth to Water (ft BTOC)	3Q2012 Groundwater Elevation (ft) ¹
OCS008	OC	159.57	11/7/2011	49.1	110.47									
OCS011	OC	129.34	11/7/2011	DRY	DRY									
PBC002	UBC-A	149.4	11/7/2011	74.08	75.32	2/29/2012	73.12	76.28	5/1/2012	70.57	78.83	7/30/2012	69.92	79.48
PBC004	UBC-A	131.47	11/7/2011	60.23	71.24	2/29/2012	59.66	71.81	5/1/2012	57.97	73.5	7/30/2012	55.46	76.01
PBC006	UBC-A	110.71	11/7/2011	37.83	72.88	2/29/2012	36	74.71	5/1/2012	34.8	75.91	7/30/2012	35.06	75.65
PSDL001	TLS	156.93	11/7/2011	70.23	86.7	2/29/2012	70.73	86.2	5/1/2012	70.93	86	7/30/2012	71.09	85.84
PSDL012	TLS	106.08	11/7/2011	18.1	87.98	2/29/2012	17.81	88.27	5/1/2012	17.93	88.15	7/30/2012	17.79	88.29
PSDL013	PSDL	143.53	11/7/2011	70.15	73.38	2/29/2012	70.61	72.92	5/1/2012	68.51	75.02	7/30/2012	67.8	75.73
PSDL014	TLS	142.6	11/7/2011	54.18	88.42	2/29/2012	54.4	88.2	5/1/2012	54.37	88.23	7/30/2012	54.15	88.45
PSDL014A	SSDL	142.78	11/7/2011	61.72	81.06	2/29/2012	63.11	79.67	5/1/2012	62	80.78	7/30/2012	60.98	81.8
PSDL017	TLS	158.16	11/7/2011	59.22	98.94	2/29/2012	59.2	98.96	5/1/2012	59.02	99.14	7/30/2012	58.86	99.3
PSDL017A	SSDL	157.64	11/7/2011	66	91.64	2/29/2012	66.59	91.05	5/1/2012	65.4	92.24	7/30/2012	84.72	72.92
PSDL021	TLS	125.39	11/7/2011	39.46	85.93	2/29/2012	39.99	85.4	5/1/2012	39.66	85.73	7/30/2012	39.27	86.12
PSDL021A	SSDL	124.5	11/7/2011	44.28	80.22	2/29/2012	45.31	79.19	5/1/2012	43.98	80.52	7/30/2012	43.17	81.33
PSDL004	SSDL	102.58	11/7/2011	22.85	79.73	2/29/2012	22.12	80.46	5/1/2012	21.66	80.92	7/30/2012	21.7	80.88
PSDL005	TLS	111.14	11/7/2011	28	83.14	2/29/2012	27.09	84.05	5/1/2012	26.77	84.37	7/30/2012	27.19	83.95
PSDL007	SSDL	106.13	11/7/2011	25.47	80.66	2/29/2012	26.95	79.18	5/1/2012	25.89	80.24	7/30/2012	24.85	81.28
SL001	TLS	120.29	11/7/2011	32.04	88.25	2/29/2012	32.23	88.06	5/1/2012	31.84	88.45	7/30/2012	31.72	88.57
SL013	PSDL	125.98	11/7/2011	54.76	71.22	2/29/2012	54.25	71.73	5/1/2012	51.6	74.38	7/30/2012	50.84	75.14
SL014PR	PSDL	127.98	11/7/2011	56.93	71.05	2/29/2012	56.27	71.71	5/1/2012	53.65	74.33	7/30/2012	52.98	75
SL015	PSDL	158.31	11/7/2011	89.53	68.78	2/29/2012	88.81	69.5	5/1/2012	85.5	72.81	7/30/2012	84.16	74.15
SL016	PSDL	129.61	11/7/2011	61.43	68.18	2/29/2012	60.15	69.46	5/1/2012	57	72.61	7/30/2012	55.5	74.11
SL019SR	SSDL	155.65	11/7/2011	85.3	70.35	2/29/2012	85.19	70.46	5/1/2012	81.9	73.75	7/30/2012	80.1	75.55
SL002	TLS	123.5	11/7/2011	28.63	94.87	2/29/2012	28.04	95.46	5/1/2012	28.1	95.4	7/30/2012	28.35	95.15
SL020SR	SSDL	152.96	11/7/2011	80.77	72.19	2/29/2012	81.52	71.44	5/1/2012	78.37	74.59	7/30/2012	76.71	76.25
SL021PR	PSDL	152.63	11/7/2011	80.4	72.23	2/29/2012	81.14	71.49	5/1/2012	77.94	74.69	7/30/2012	76.35	76.28
SL022	PSDL	135.22	11/7/2011	61.21	74.01	2/29/2012	60	75.22	5/1/2012	58.91	76.31	7/30/2012	59.38	75.84
SL023	PSDL	131.33	11/7/2011	56.96	74.37	2/29/2012	56.55	74.78	5/1/2012	54.83	76.5	7/30/2012	55.51	75.82
SL024	PSDL	130.87	11/7/2011	58.46	72.41	2/29/2012	56.96	73.91	5/1/2012	55.32	75.55	7/30/2012	55.43	75.44
SL003	TLS	121.14	11/7/2011	26.4	94.74	2/29/2012	25.77	95.37	5/1/2012	26.19	94.95	7/30/2012	26.5	94.64
SL004	TLS	106.75	11/7/2011	14.29	92.46	2/29/2012	14.53	92.22	5/1/2012	15.44	91.31	7/30/2012	15.25	91.5
SL005	PSDL	107.11	11/7/2011	27.34	79.77	2/29/2012	28.62	78.49	5/1/2012	28.48	78.63	7/30/2012	27.62	79.49
SL006	TLS	122.82	11/7/2011	28.47	94.35	2/29/2012	29.3	93.52	5/1/2012	28.72	94.1	7/30/2012	28.33	94.49
SL007	SSDL	123.66	11/7/2011	53.5	70.16	2/29/2012	55.39	68.27	5/1/2012	51.9	71.76	7/30/2012	50.17	73.49
UBC001	UBC-B	106.44	11/7/2011	45.05	61.39	2/29/2012	37.14	69.3	5/1/2012	35.45	70.99	7/30/2012	35.26	71.18
UBC010	UBC-A	127.72	11/7/2011	57.35	70.37	2/29/2012	56.66	71.06	5/1/2012	53.8	73.92	7/30/2012	53.11	74.61
UBC011	UBC-A	125.6	11/7/2011	52.47	73.13	2/29/2012	53.16	72.44	5/1/2012	50.29	75.31	7/30/2012	49.92	75.68
UBC012	UBC-A	123.67	11/7/2011	52.52	71.15	2/29/2012	51.65	72.02	5/1/2012	49.18	74.49	7/30/2012	48.69	74.98
UBC013	UBC-A	122.87	11/7/2011	51.78	71.09	2/29/2012	50.88	71.99	5/1/2012	48.4	74.47	7/30/2012	47.91	74.96
UBC014	UBC-A	122.73	11/7/2011	51.67	71.06	2/29/2012	50.79	71.94	5/1/2012	48.27	74.46	7/30/2012	47.67	75.06
UBC015AR	UBC-A	130.58	11/7/2011	58.81	71.77	2/29/2012	57.88	72.7	5/1/2012	56.36	74.22	7/30/2012	55.27	75.31
UBC016	UBC-A	130.07	11/7/2011	57.86	72.21	2/29/2012	56.4	73.67	5/1/2012	54.7	75.37	7/30/2012	54.72	75.35
UBC017	UBC-A	132.29	11/7/2011	59.84	72.45	2/29/2012	58.03	74.26	5/1/2012	56.56	75.73	7/30/2012	56.87	75.42
UBC017B	UBC-B	134.24	11/7/2011	71.24	63	2/29/2012	64.31	69.93	5/1/2012	62.57	71.67	7/30/2012	62.62	71.62
UBC018	UBC-A	135.49	11/7/2011	62.4	73.09	2/29/2012	60.61	74.88	5/1/2012	59.44	76.05	7/30/2012	59.78	75.71
UBC018B	UBC-B	135.58	11/7/2011	72.8	62.78	2/29/2012	65.77	69.81	5/1/2012	64.29	71.29	7/30/2012	64.22	71.36

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UBC019	UBC-A	131.49	11/7/2011	62.3	69.19	2/29/2012	61.99	69.5	5/1/2012	58.59	72.9	7/30/2012	57.17	74.32
UBC004	UBC-A	123.11	11/7/2011	54.12	68.99	2/29/2012	53.2	69.91	5/1/2012	50.05	73.06	7/30/2012	48.56	74.55
UBC005	UBC-B	107.49	11/7/2011	45.51	61.98	2/29/2012	37.91	69.58	5/1/2012	36.24	71.25	7/30/2012	36.29	71.2
UBC006	UBC-B	123.64	11/7/2011	62.61	61.03	2/29/2012	54.9	68.74	5/1/2012	53.09	70.55	7/30/2012	52.83	70.81
UBC008	UBC-B	120.79	11/7/2011	59.35	61.44	2/29/2012	51.83	68.96	5/1/2012	49.9	70.89	7/30/2012	49.9	70.89
UBC021	UBC-A	146.14	11/7/2011	78.65	67.49	2/29/2012	78.15	67.99	5/1/2012	74.3	71.84	7/30/2012	72.32	73.82
UBC022AR	UBC-A	130.82	11/7/2011	61.17	69.65	2/29/2012	61.31	69.51	5/1/2012	57.83	72.99	7/30/2012	56.11	74.71
UBC023	UBC-A	141.25	11/7/2011	73.11	68.14	2/29/2012	70.51	70.74	5/1/2012	66.89	74.36	7/30/2012	N/A	N/A
UBC024	UBC-A	167.2	11/7/2011	99.13	68.07	2/29/2012	97.44	69.76	5/1/2012	94.52	72.68	7/30/2012	92.86	74.34
UBC025	UBC-A	178.24	11/7/2011	115.41	62.83	2/29/2012	112	66.24	5/1/2012	108.66	69.58	7/30/2012	105.58	72.66
UBC026	UBC-A	160.67	11/7/2011	96.24	64.43	2/29/2012	93.25	67.42	5/1/2012	89.83	70.84	7/30/2012	87.52	73.15
UBC027	UBC-A	177.3	11/7/2011	115.29	62.01	2/29/2012	111.61	65.69	5/1/2012	108.03	69.27	7/30/2012	104.99	72.31
UBC028AR	UBC-A	175.03	11/7/2011	112	63.03	2/29/2012	110.55	64.48	5/1/2012	105.91	69.12	7/30/2012	103.15	71.88
UBC029AR	UBC-A	154.6	11/7/2011	93.67	60.93	2/29/2012	85.65	68.95	5/1/2012	84.3	70.3	7/30/2012	83.38	71.22
UBC030	UBC-A	137.52	11/7/2011	64.24	73.28	2/29/2012	63.07	74.45	5/1/2012	61.52	76	7/30/2012	61.55	75.97
UBC031	UBC-A	167.1	11/7/2011	103.23	63.87	2/29/2012	100.13	66.97	5/1/2012	96.58	70.52	7/30/2012	94.3	72.8
UBC034	UBC-A	134.76	11/7/2011	73.75	61.01	2/29/2012	66.18	68.58	5/1/2012	64.54	70.22	7/30/2012	61.92	72.84
UBC048	UBC-A	168.86	11/7/2011	109.02	59.84	2/29/2012	100.37	68.49	5/1/2012	99.14	69.72	7/30/2012	98.01	70.85
UBC049	UBC-A	168.54	11/7/2011	109.23	59.31	2/29/2012	100.26	68.28	5/1/2012	99.18	69.36	7/30/2012	97.82	70.72
UBC051	UBC-A	135.59	11/7/2011	62.46	73.13	2/29/2012	60.58	75.01	5/1/2012	59.43	76.16	7/30/2012	59.89	75.7
UBC052	UBC-A	140.95	11/7/2011	74.27	66.68	2/29/2012	71.86	69.09	5/1/2012	68.66	72.29	7/30/2012	67	73.95
UBC053	UBC-A	128.25	11/7/2011	57.45	70.8	2/29/2012	56.67	71.58	5/1/2012	53.99	74.26	7/30/2012	53.42	74.83
UBC054	UBC-A	157.992	11/7/2011	94.43	63.56	2/29/2012	91.31	66.68	5/1/2012	87.97	70.02	7/30/2012	85.32	72.67
UBC055	UBC-A	158.606	11/7/2011	96.03	62.58	2/29/2012	93.56	65.05	5/1/2012	89.27	69.34	7/30/2012	86.6	72.01
UBC056	UBC-A	164.089	11/7/2011	95.77	68.32	2/29/2012	97.21	66.88	5/1/2012	92.32	71.77	7/30/2012	89.58	74.51
WT010	WT	107.96	11/7/2011	23.95	84.01	2/29/2012	23.14	84.82	5/1/2012	22.81	85.15	7/30/2012	23.28	84.68
WT011	WT	101.21	11/7/2011	19.91	81.3	2/29/2012	21.43	79.78	5/1/2012	21.79	79.42	7/30/2012	22.93	78.28
WT012	WT	100.27	11/7/2011	DRY	DRY	2/29/2012	DRY	DRY	5/1/2012	22.63	77.64	7/30/2012	DRY	DRY
WT015	WT	110.57	11/7/2011	21.24	89.33	2/29/2012	20.85	89.72	5/1/2012	20.92	89.65	7/30/2012	20.99	89.58
WT016	WT	105.9	11/7/2011	15.1	90.8	2/29/2012	14.44	91.46	5/1/2012	14.27	91.63	7/30/2012	14.65	91.25
WT026	WT	140.07	11/7/2011	13	127.07	2/29/2012	11.23	128.84	5/1/2012	11.14	128.93	7/30/2012	11.38	128.69
WT027	WT	122.06	11/7/2011	15.4	106.66	2/29/2012	14.52	107.54	5/1/2012	14.4	107.66	7/30/2012	14.49	107.57
WT030	WT	106.05	11/7/2011	12.88	93.17	2/29/2012	6	100.05	5/1/2012	11.62	94.43	7/30/2012	12.02	94.03
WT032	WT	140.81	11/7/2011	23.8	117.01	2/29/2012	23.36	117.45	5/1/2012	22.96	117.85	7/30/2012	23	117.81
WT033	WT	178.13	11/7/2011	26.21	151.92	2/29/2012	36.3	141.83	5/1/2012	36.5	141.63	7/30/2012	36.57	141.56
WT034	WT	159.27	11/7/2011	19.96	139.31	2/29/2012	18.8	140.47	5/1/2012	17.84	141.43	7/30/2012	17.51	141.76
WT035	WT	155.09	11/7/2011	14.57	140.52	2/29/2012	13.87	141.22	5/1/2012	13.42	141.67	7/30/2012	12.87	142.22
WT036	WT	160.03	11/7/2011	19.73	140.3	2/29/2012	18.78	141.25	5/1/2012	18.39	141.64	7/30/2012	17.98	142.05
WT037	WT	152.3	11/7/2011	13.23	139.07	2/29/2012	11.96	140.34	5/1/2012	12.04	140.26	7/30/2012	11.97	140.33
WT038	WT	148.6	11/7/2011	14.58	134.02	2/29/2012	13.97	134.63	5/1/2012	13.93	134.67	7/30/2012	14.04	134.56
WT039	WT	143.37	11/7/2011	11.99	131.38	2/29/2012	10.98	132.39	5/1/2012	10.69	132.68	7/30/2012	11.39	131.98
WT040	WT	147.67	11/7/2011	18.45	129.22	2/29/2012	18.23	129.44	5/1/2012	17.75	129.92	7/30/2012	17.8	129.87
WT008	WT	156.71	11/7/2011	17.07	139.64	2/29/2012	16.11	140.6	5/1/2012	15.6	141.11	7/30/2012	15.48	141.23
P042T	TLS	156.19	11/7/2011	94.89	61.3	2/29/2012	88.7	67.49	5/1/2012	86.46	69.73	7/30/2012	84.79	71.4
P042B	UBC-A	156.24	11/7/2011	97.37	58.87	2/29/2012	88.26	67.98	5/1/2012	87.02	69.22	7/30/2012	85.82	70.42
P112A	TLS-Channel	154.45	11/7/2011	78.07	76.38	2/29/2012	84.09	70.36	5/1/2012	78.85	75.6	7/30/2012	77.67	76.78

Attachment J
Quarterly Monitoring Water Level Data
Pinewood Hydrologic Evaluation
Pinewood Landfill
Pinewood, South Carolina

Well Identification	Screened Zone	TOC Elevation (ft) ¹	4Q2011 Measurement Date	4Q2011 Depth to Water (ft BTOC)	4Q2011 Groundwater Elevation (ft) ¹	1Q2012 Measurement Date	1Q2012 Depth to Water (ft BTOC)	1Q2012 Groundwater Elevation (ft) ¹	2Q2012 Measurement Date	2Q2012 Depth to Water (ft BTOC)	2Q2012 Groundwater Elevation (ft) ¹	3Q2012 Measurement Date	3Q2012 Depth to Water (ft BTOC)	3Q2012 Groundwater Elevation (ft) ¹
P112B	TLS-Channel	154.57	11/7/2011	81.8	72.77	2/29/2012	83.96	70.61	5/1/2012	80.03	74.54	7/30/2012	78.51	76.06
P112C	UBC-A	154.58	11/7/2011	89.53	65.05	2/29/2012	86.49	68.09	5/1/2012	83.12	71.46	7/30/2012	81.46	73.12
P112D	UBC-A	154.54	11/7/2011	90.19	64.35	2/29/2012	87.28	67.26	5/1/2012	83.99	70.55	7/30/2012	81.44	73.1
P114A	TLS-Channel	149.17	11/7/2011	79.45	69.72	2/29/2012	81.54	67.63	5/1/2012	76.72	72.45	7/30/2012	74.22	74.95
P114B	TLS-Channel	148.28	11/7/2011	81.06	67.22	2/29/2012	82.31	65.97	5/1/2012	77.58	70.7	7/30/2012	74.81	73.47
P114C	UBC-A	147.75	11/7/2011	84.95	62.8	2/29/2012	81.69	66.06	5/1/2012	78.08	69.67	7/30/2012	75.53	72.22
P114D	UBC-A	147.16	11/7/2011	84.58	62.58	2/29/2012	81.18	65.98	5/1/2012	77.54	69.62	7/30/2012	74.74	72.42
SG-1	Water Table (Staff guage)	135.82	11/7/2011	DRY	DRY	2/29/2012	DRY	DRY	5/1/2012	3.7	132.12	7/30/2012	3.4	132.42
SG-2	Water Table (Staff guage)	133.54	11/7/2011	DRY	DRY	2/29/2012	DRY	DRY	5/1/2012	DRY	DRY	7/30/2012	3.3	130.24
SG-3	Water Table (Staff guage)	92.16	11/7/2011	3	89.16	2/29/2012	3	89.16	5/1/2012	3	89.16	7/30/2012	2.9	89.26
SG-4	Water Table (Staff guage)	93.25	11/7/2011	2.5	90.75	2/29/2012	2.5	90.75	5/1/2012	2.5	90.75	7/30/2012	2.4	90.85

Notes:

- 1Q2012 - First Quarter 2012
2Q2012 - Second Quarter 2012
3Q2012 - Third Quarter 2012
4Q2011 - Fourth Quarter 2011
- BTOC - Below Top of Casing
ft - Feet
NA - Not Applicable
TOC - Top of Casing
1. Site elevation data is referenced to a Site-specific datum that is 1.9 feet higher than the North American Vertical Datum of 1988.
 2. Water level measurements were provided to AECOM by the Trustee.

ATTACHMENT K

2011 Production Well Evaluation
(GEL Engineering LLC; July 14, 2011)

July 14, 2011

Mr. Harry Morris, P.G.
Kestrel Horizons, LLC
As Trustee for the
Pinewood Custodial Trust
84 Villa Road, Suite 300
Greenville, SC 29615

Re: 2011 Production Well Evaluation
Pinewood Site

Dear Mr. Morris:

This letter provides the findings of the 2011 Production Well Evaluation. GEL Engineering, LLC (GEL) was contracted by the Pinewood Site Custodial Trust (the Trust) to perform this evaluation for the purpose of supplementing data collected by the "2006 Duck Pond Well Survey." These data will be used in the ongoing Pinewood Site (Site) groundwater monitoring system evaluation. The most significant finding of this evaluation was the 30 production wells (29 duck pond wells and 1 agricultural well) collectively pumping over 8,000 gallons per minute (gpm) from the Black Creek Aquifer during the period each year when the duck ponds are being filled. This schedule is consistent with the period each year when the static water levels fall and flow reversals occur in the deeper zones underlying the Site. Figure 1 shows all wells identified and the area of interest, and Table 1 provides currently available data on the wells.

The initial phase of this evaluation was to develop a contact list for landowners operating production wells within or near the area of interest. Information gathered from contacting local landowners, via phone, known to have operated production wells based on the 2006 survey and a March 16, 2011, meeting with David Wylicki of the South Carolina Waterfowl Association was used to develop the attached landowner contact list. Thirteen landowners operating 25 wells and two well drilling companies were identified by this effort.

A questionnaire was developed by GEL with input from the Trust to solicit information about the well usage, location, demands (i.e. pond size), and general well construction details. All landowners identified were contacted, via phone, about the questionnaire to explain the purpose and encourage participation. A questionnaire was mailed, from the Trust, to each of the 13 landowners identified on April 5, 2011. As of the date of this letter, none of the questionnaires have been returned.

Lyles Well Drilling and AAA Well Drilling were contacted in an effort to collect well construction details. Both indicated that well construction permits were submitted to SCDHEC for all wells they installed. AAA Well Drilling provided well records, attached, for 13 of the identified wells.

Due to the lack of questionnaire participation and the need for well construction information, a freedom of information (FOI) request form was submitted to SCDHEC requesting well construction information for 4-inch diameter and larger private wells installed in the Rimini and Pinewood areas. SCDHEC provided the private well database for Sumter and Clarendon Counties in responding to the FOI request. This database provided some useful information for a few of the wells of interest, although most of the well construction information provided in this database is partial. Additionally, identifying wells of interest is difficult due to name assignments and generalized coordinates. However, the permit number is included for each well shown in the database.

One landowner (Mr. Avins) visited the Site in late May to discuss the questionnaire, although he never returned it. Mr. Avins confirmed the number of wells he operated within or near the 4-mile radius of the Site and provided information for two landowners, not previously identified, each operating two production wells. Figure 1 and Table 1 includes the additional information provided by Mr. Avins. Based on discussions with Mr. Avins and other landowners, duck pond well operation depends on pond construction quality; however wells generally operate continuously from October through December, then as need through January. Only one well (DP-3) was reported to operate infrequently. The identified agricultural well was reported to operate during the planting and growing season for the purpose of filling application tanks.

Well data collected from this evaluation was used to supplement data collected from the 2006 survey. A total of 30 production wells (29 duck pond wells and 1 agricultural well) were identified including all wells identified in the 2006 survey except for two wells located well beyond the area of interest. Well information details from the 2006 survey were retained with adjustments made based on data received through well records and the SCDHEC database. The data are summarized in Table 1, which lists the 30 wells, available well construction details, the pond acres each well serves, and operational schedule. As shown in Table 1, information for approximately half of these wells is incomplete due to lack of questionnaire participation and/or well records. For these reasons, GEL recommends contacting all landowners, via phone, for the purpose of completing the questionnaire orally and submitting a second FOI request listing specific permit numbers provided in the SCDHEC database.

Figure 1 shows the approximate location of each well. A nomenclature beginning with DP was assigned to duck pond wells and PW for the agriculture well. As shown in Figure 1, wells DP-1 through DP-23 are located within or near a 4-mile radius of the Site with the largest cluster located approximately 4 miles south of the Site. A cluster of seven wells (DP-23 – DP-29) located approximately 6 miles south of the Site was also

Mr. Harry Morris, P.G.

July 14, 2011

Page 3

included, due to their proximity to the largest well cluster and their estimated combined production rate of 4,100 gallons per minute.

The collected data show the majority of the wells are screened in the Black Creek Aquifer at depths between 140 and 290 feet and are pumping approximately 8,000 gpm during the period duck ponds are being filled. This coincides with the period when the static head falls in the deeper wells at the Site and flow reversals occur, including in the wells monitoring the Upper Black Creek. From these data, GEL concludes that duck pond well operation is the source of the drawdown and groundwater flow reversals observed in the deeper zones beneath the Site each year.

Please contact us should you have any questions. We appreciate the opportunity to be of service.

Yours very truly,



Thomas D. W. Hutto, P.G.
Principal

C: Brian Burgess, Sumter Transport Company

fc: PSCT03510c_20110706ltr.doc

Attachments:

Production Well Landowner Contacts

Table 1

Figure 1

Well logs

**TABLE 1
Production Well Information**

Wells Located on Map (DP)

Well ID/Location	Diameter	Depth	Screen Length	GPM	Pond Acres	Well Log Obtained	Comments
(Flynn) DP-1	6 1/4"	695'	555' to 595' & 615' to 695'	400	20	Yes	Normal operation
(Sheppard) DP-2	6"	270'	60'	400	15	No	Normal operation
(Johnson) PW-1	-	-	-	-	-	No	Supports farm operation, fills application tanks.
(Johnson) DP-3	-	-	-	-	-	No	Infrequent use
(Smoak) DP-4	-	-	-	-	-	No	-
(Noalan) DP-5	6 1/4"	227'	80'	300	70	Yes	Normal operation, 2 wells supplying 70 acres.
(Noalan) DP-6	6 1/4"	210'	80'	400		Yes	
(Ross) DP-7	6 1/4"	230'	80'	300	20	Yes	Normal operation, 2 wells supplying 20 acres.
(Ross) DP-8	6 1/4"	230'	80'	300		Yes	
(Scott/Lyles) DP-9	4"	250'	60'	75	8	No	Normal operation, 2 wells supplying 8 acres.
(Scott/Lyles) DP-10	4"	250'	60'	75		No	
(Scott/Lyles) DP-11	6"	250'	60'	325	6	No	Normal operation
(Smyth) DP-12	4"	205'	60'	100	> 10	Yes	Normal operation
(Smoak) DP-13	4"	250'	60'	100	9	No	Normal operation
(Smoak) DP-14	-	-	-	-	-	No	Normal operation
(Phillips) DP-15	6"	-	-	-	-	No	Normal operation
(Phillips) DP-16	6"	-	-	-	-	No	Normal operation
(Avins) DP-17	6"	250'	60'	350	140	No	Normal operation, 3 wells supplying 140 acres.
(Avins) DP-18	6"	250'	60'	350		No	
(Avins) DP-19	4"	260'	60'	80		No	
(Cogdill) DP-20	6"	-	-	-	-	No	Normal operation
(Cogdill) DP-21	6"	-	-	-	-	No	Normal operation
(Waterfowl) DP-22	12"	292'	120'	1000	43	No	Normal operation
(Blanchard) DP-23	6 1/4"	257'	100'	400	15	Yes	Normal operation
(Blanchard) DP-24	10"	258'	100'	1000	-	Yes	Normal operation
(Blanchard) DP-25	8"	244'	85'	600	-	Yes	Normal operation
(Thompkins) DP-26	8"	265'	110'	400	-	Yes	Normal operation
(Rountree) DP-27	8"	702'	140'	600	-	Yes	Normal operation
(Rountree) DP-28	8"	251'	120'	600	-	Yes	Normal operation
(Rountree) DP-29	8"	240'	110'	500	40	Yes	Normal operation

Notes:

DP - Duck Pond Well

PW - Agricultural Production Well

Normal operation - Wells operates 24/7 from October thru December, then operated as needed thru January.

Date: June 27, 2011 - File Location: E:\GIS\Pinewood\Figure1.mxd



Aerial Photograph taken in 2009

Legend

- Roads
- ⊕ Duck Pond Well ID/Location



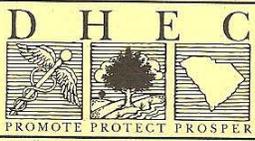
Aerial Photograph of Site and Surrounding Area

Pinewood Site, Sumter County, South Carolina

GEL Engineering, LLC
a Member of THE GEL GROUP, INC.



WELL # 2



Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: WIELICKI DAVID
Address: 9833 OLD RIVER RD
City: PINEWOOD State: SC Zip: 29125

7. PERMIT NUMBER:
SCW 14-090518

2. LOCATION OF WELL:
Name: JOE BLANCHARD
Street Address: 7029 OLD RIVER RD
City: PINEWOOD SC Zip: 29125
Latitude: N 33° 37.174' Longitude: W 80° 28.770'

8. USE:
Irrigation, Test Well, Public Supply, Air Conditioning, Monitor Well, Process, Emergency, Replacement

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:

9. WELL DEPTH (completed)
258 ft. Date Started: 10/5/07 Date Completed: 10/16/07

4. ABANDONMENT:
Grouted Depth: from 0 ft. to 0 ft.

10. CASING:
Type: 18 in. to 10 in. to 158 ft. depth
Height: Above/Below Surface 1 ft. Weight: SDR 21 lb./ft. Drive Shoe? No

Table with 3 columns: Formation Description, Thickness of Stratum, Depth to Bottom of Stratum. Rows include TOPSOIL, RED CLAY, BEIGE CLAY, COARSE SAND, BLACK CLAY, MEDIUM SAND, GREEN CLAY, MEDIUM SAND, LAYERS OF BLACK CLAY.

11. SCREEN:
Type: PVC Diam.: 10" Slot/Gauge: .050 Length: 100'
Set Between: 158 ft. and 258 ft. NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis: No

12. STATIC WATER LEVEL 36 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
Pumping Test: No Yield: 1000 GPM

14. WATER QUALITY
Chemical Analysis: No Bacterial Analysis: No

15. ARTIFICIAL FILTER (filter pack) Yes
Installed from 142 ft. to 258 ft. Effective size Uniformity Coefficient

16. WELL GROUTED? Yes
Neat Cement, Bentonite, Other: CONCRETE
Depth: From 0 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 100 ft. direction
Type: POND Well Disinfected: Yes Amount: 2 GALLON

18. PUMP: Date installed: 10/22/07 Not installed
Mfr. Name: GRUNDFOS Model No.: 800S500-2
H.P.: 50 Volts: 460 Length of drop pipe: 147 ft. Capacity: 1000 gpm
Type: Submersible

19. WELL DRILLER: MICHAEL SWEARINGEN CERT. NO.: 1909
Address: (Print) 3071 HWY 6 LEX SC 29073
Level: A B C D (circle one)
Telephone No.: 755 1203 Fax No.: 755 6911

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

6. TYPE: Mud Rotary, Jetted, Bored, Dug, Air Rotary, Driven, Cable tool, Other

Signed: [Signature] Date: 10/22/07
Well Driller

If D Level Driller, provide supervising driller's name:



Water Well Record
Bureau of Water
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
 Name: FOR DUCKS LLC
 (last) (first)
 Address: P.O. BOX 27
 City: SUMNER State: SC Zip: 29151
 Telephone: Work: _____ Home: _____

7. PERMIT NUMBER: SCW 14-093632
 8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

2. LOCATION OF WELL: COUNTY: CLARENDON
 Name: SAME
 Street Address: OLD RIVER RD
 City: PINEWOOD SC Zip: _____
 Latitude: _____ Longitude: _____
N 33° 37.480' W 80° 28.000'

9. WELL DEPTH (completed) 265 ft. Date Started: 10/24/07
 Date Completed: 11/31/07
 10. CASING: Threaded Welded
 Diam.: 8"
 Type: PVC Galvanized
 Steel Other
8 in. to 155 ft. depth
 _____ in. to _____ ft. depth
 Height: Above/Below _____ ft.
 Surface 1 ft.
 Weight SDR 21 lb./ft.
 Drive Shoe? Yes No

3. PUBLIC SYSTEM NAME: _____ PUBLIC SYSTEM NUMBER: _____

11. SCREEN:
 Type: PVC Diam.: 8"
 Slot/Gauge: .032 Length: 110'
 Set Between: 155 ft. and 265 ft. NOTE: MULTIPLE SCREENS
 _____ ft. and _____ ft. USE SECOND SHEET
 Sieve Analysis Yes (please enclose) No

4. ABANDONMENT: Yes No
 Give Details Below
 Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1'	1'
RED/BROWN CLAY	19'	20'
BLACK CLAY, THIN LAYERS OF WHITE ROCK	22'	42'
FINE SAND	4'	46'
BLACK CLAY, THIN LAYERS OF LIMESTONE	49'	95'
BLACK CLAY	24'	119'
SMALL SAND	4'	123'
GRAY CLAY	34'	157'
SOFT BLACK CLAY	29'	186'
MEDIUM SAND	8'	165'
SOFT BLACK CLAY	21'	186'
MEDIUM SAND, THIN LAYERS OF GRAY CLAY	59'	245'
*Indicate Water Bearing Zones BLACK CLAY, THIN LAYERS OF SMALL SAND (Use a 2nd sheet if needed)	20'	265'
5. REMARKS: BLACK CLAY	40'	305'

12. STATIC WATER LEVEL 63 ft. below land surface after 24 hours
 13. PUMPING LEVEL Below Land Surface.
 _____ ft. after _____ hrs. Pumping _____ G.P.M.
 Pumping Test: Yes (please enclose) No
 Yield: 400 GPM

14. WATER QUALITY
 Chemical Analysis Yes No Bacterial Analysis Yes No
 Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No
 Installed from 126 ft. to 265 ft.
 Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other _____
 Depth: From 0 ft. to 31 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 150 ft. direction
 Type POND
 Well Disinfected Yes No Type: CL Amount: 2 GALLONS

18. PUMP: Date installed: _____ Not installed
 Mfr. Name: _____ Model No.: _____
 H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
 TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

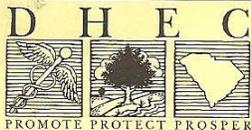
19. WELL DRILLER: ~~HARRY BROWDER~~ CERT. NO.: 1907
 Address: (Print) HARRY BROWDER Level: A B C D (circle one)
3071 HWY 6
LEX SC 29073
 Telephone No.: 755 1203 Fax No.: 755 6911

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: [Signature] Date: 11/25/07
 Well Driller

6. TYPE: Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other

If D Level Driller, provide supervising driller's name: _____



Water Well Record
Bureau of Water
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
 Name: ROUNTREE, CHARLIE
(last) (first)
 Address: P.O. Box 12124
 City: COLA. State: SC Zip: 29211
 Telephone: Work: _____ Home: _____

7. PERMIT NUMBER:
SCW 14-102990

8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

2. LOCATION OF WELL: COUNTY: CLARENDON
 Name: SAME
 Street Address: 6100 OLD RIVER RD
 City: PINWOOD, SC Zip: 29125
 Latitude: N 33° 36.886' Longitude: W 80° 28.260'

9. WELL DEPTH (completed) 702 ft. Date Started: 11/20/08
 Date Completed: 12/5/08

10. CASING: Threaded Welded
 Diam.: 16" / 8"
 Type: PVC Galvanized
 Steel Other
16 in. to 76 ft. depth
8 in. to 562 ft. depth

Height: Above/Below _____
 Surface 1 ft.
 Weight SDR 21 lb./ft.
 Drive Shoe? Yes No

3. PUBLIC SYSTEM NAME: _____ PUBLIC SYSTEM NUMBER: _____

11. SCREEN:
 Type: PVC Diam.: 8"
 Slot/Gauge: .032 Length: 140
 Set Between: 562 ft. and 702 ft. NOTE: MULTIPLE SCREENS
 USE SECOND SHEET
 Sieve Analysis Yes (please enclose) No

4. ABANDONMENT: Yes No
 Give Details Below
 Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOPSOIL	1'	1'
RED CLAY	7'	8'
SANDY RED CLAY	6'	14'
BROWN COARSE SAND	14'	28'
GRAVEL	4'	32'
WHITE MEDIUM SAND	32'	64'
GRAY / BLACK CLAY	22'	86'
LOOSE SAND	2'	88'
SOFT BLACK CLAY, THIN LAYERS OF SAND	15'	103'
LOOSE MEDIUM SAND	10'	113'
SOFT BLACK CLAY, THIN LAYERS OF SAND	23'	136'
LOOSE MEDIUM SAND, THIN LAYERS OF BLACK CLAY	101'	237'

12. STATIC WATER LEVEL +1 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
 _____ ft. after _____ hrs. Pumping _____ G.P.M.
 Pumping Test: Yes (please enclose) No
 Yield: 600 GPM

14. WATER QUALITY
 Chemical Analysis Yes No Bacterial Analysis Yes No
 Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No
 Installed from 260 ft. to 702 ft.
 Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other CONCRETE
 Depth: From 64'-76' to 2'-64' ft. to 0'-2' ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 300 ft. direction _____
 Type ROAD
 Well Disinfected Yes No Type: Cl₂ Amount: 2 GALLONS

18. PUMP: Date installed: _____ Not installed
 Mfr. Name: GRUNDFOSS Model No.: 4755250-3A
 H.P. 25 Volts 460 Length of drop pipe 126 ft. Capacity 550 gpm
 TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: HARRY BROWDER CERT. NO.: 1907
 Address: (Print) 3071 HWY 6 Level: A B C D (circle one)
LEX SC 29073
 Telephone No.: 755.1203 Fax No.: 755.6911

*Indicate Water Bearing Zones
 (Use a 2nd sheet if needed)

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

5. REMARKS:

Signed: B M Swearingen Date: 12/23/08
 Well Driller

6. TYPE: Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other

If D Level Driller, provide supervising driller's name:
BOBBY M SWEARINGEN 309



Water Well Record
Bureau of Water
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
 Name: CHARLIE ROUNDTREE (last) (first)
 Address: PO Box 12124
 City: COLA State: SC Zip: 29211
 Telephone: Work: Home:

7. PERMIT NUMBER: SCW 14090560
 8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

2. LOCATION OF WELL: COUNTY: CLARENDON
 Name: SAME
 Street Address: 6100 OLD RIVER RD
 City: PINWOOD SC Zip: 29125
 Latitude: N 33° 36.825' Longitude: W 80° 28.230'

9. WELL DEPTH (completed) 251 ft. Date Started: 7/12/07 Date Completed: 7/13/07

10. CASING: Threaded Welded
 Diam.: 8" Height: Above/Below Surface 1 ft. Weight: 200 lb./ft.
 Type: PVC Galvanized Steel Other
 8" in. to 251 ft. depth Drive Shoe? Yes No

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:

11. SCREEN: PVC Diam.: 8" Length: 120'
 Slot/Gauge: .032 Set Between: 131 ft. and 251 ft. NOTE: MULTIPLE SCREENS USE SECOND SHEET
 Sieve Analysis Yes (please enclose) No

4. ABANDONMENT: Yes No
 Give Details Below
 Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
RED CLAY	12	12
COARSE SAND	43	55
SOFT LIGHT GRAY CLAY	13	68
FIRM BLACK CLAY	69	137
SAND	110	148
BLACK CLAY	11	159
MED SAND W/ THIN LAYERS OF BLACK CLAY *	44	203
SOFT BLACK CLAY W/ THIN LAYERS OF MED SAND	21	224
MEDIUM SAND *	37	251

12. STATIC WATER LEVEL 19 ft. below land surface after 24 hours
 13. PUMPING LEVEL Below Land Surface. _____ ft. after _____ hrs. Pumping _____ G.P.M.
 Pumping Test: Yes (please enclose) No
 Yield: 600

14. WATER QUALITY
 Chemical Analysis Yes No Bacterial Analysis Yes No
 Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No
 Installed from 98 ft. to 251 ft.
 Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other _____
 Depth: From 0 ft. to 40 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 75 ft. direction
 Type POND Well Disinfected Yes No Type: Cl2 Amount: 2 gallons

18. PUMP: Date installed: 7/18/07 Not installed
 Mr. Name: CRUNOTOS Model No.: 4755250-3A
 H.P. 25 Volts 460 Length of drop pipe 126 ft. Capacity 475 gpm
 TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: Michael SWEARINGEN CERT. NO.: 1909
 Address: (Print) 3071 HWY 6 Level: A B C D (circle one)
 LEX SC 29073
 Telephone No.: 803-755-1203 Fax No.:

*Indicate Water Bearing Zones
 (Use a 2nd sheet if needed)

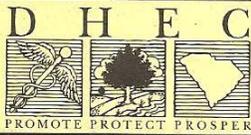
20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

5. REMARKS:

Signed: [Signature] Date: 8/10/07
 Well Driller

6. TYPE: Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other

If D Level Driller, provide supervising driller's name:
 Bobby SWEARINGEN # 309



Water Well Record
Bureau of Water
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
 Name: ROSS (last) JASON (first)
 Address: 2020 TURNING LEAF LN
 City: DALZELL State: SC Zip: 29040
 Telephone: Work: 582-8085 Home: _____

2. LOCATION OF WELL: COUNTY: SUMTER
 Name: SAME
 Street Address: _____
 City: BIMINI SC Zip: 29125
 Latitude: _____ Longitude: _____

3. PUBLIC SYSTEM NAME: _____ PUBLIC SYSTEM NUMBER: _____

4. ABANDONMENT: Yes No
 Give Details Below
 Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOP SOIL	1	1
CLAY + CLAY SAND MIX	12	13
SAND	8	21
BLACK CLAY W/STREAKS OF SAND	63	84
SAND	11	95
BLACK CLAY W/STREAKS OF SAND	40	135
SAND W/STREAKS OF BLACK CLAY	93	228
CLAY	3	231

*Indicate Water Bearing Zones
 (Use a 2nd sheet if needed)

5. REMARKS:

6. TYPE: Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other

7. PERMIT NUMBER: WELL # 2 SCW 43-079426

8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

9. WELL DEPTH (completed) 230 ft. Date Started: 6/21/06
 Date Completed: 6/23/06

10. CASING: Threaded Welded
 Diam.: 6 1/4
 Type: PVC Galvanized
 Steel Other
6 1/4 in. to 150 ft. depth
 _____ in. to _____ ft. depth
 Height: Above/Below
 Surface 1 ft.
 Weight 200 lb./ft.
 Drive Shoe? Yes No

11. SCREEN: Type: PVC Diam.: 6 1/8
 Slot/Gauge: .020 Length: 80
 Set Between: 150 ft. and 230 ft. NOTE: MULTIPLE SCREENS
 _____ ft. and _____ ft. USE SECOND SHEET
 Sieve Analysis Yes (please enclose) No

12. STATIC WATER LEVEL 22 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
 _____ ft. after _____ hrs. Pumping _____ G.P.M.
 Pumping Test: Yes (please enclose) No
 Yield: 300

14. WATER QUALITY
 Chemical Analysis Yes No Bacterial Analysis Yes No
 Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No
 Installed from 100 ft. to 230 ft.
 Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other _____
 Depth: From 0 ft. to 30 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 50 ft. direction
 Type WMD
 Well Disinfected Yes No Type: Cl2 Amount: 1/2 gallon

18. PUMP: Date installed: _____ Not installed
 Mfr. Name: _____ Model No.: _____
 H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
 TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: Jay SWEARINGEN CERT. NO.: 1530
 Address: (Print) 3071 HWY 6 Level: A B C D (circle one)
LEX SC 29073
 Telephone No.: 755-1203 Fax No.: _____

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: [Signature] Date: 7/7/06
 Well Driller

If D Level Driller, provide supervising driller's name:



Water Well Record
Bureau of Water
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
 Name: Liepman (last) Thomas (first)
 Address: 1024 Scaup Cr.
 City: Kiawah Island State: SC Zip: 29455
 Telephone: Work: _____ Home: 845-768-3440

7. PERMIT NUMBER: 14081416
 8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

2. LOCATION OF WELL: COUNTY: Clarendon
 Name: Jama
 Street Address: River Rd
 City: Rimini Zip: _____
 Latitude: N 33° 39.192' Longitude: W 80° 30.178'

9. WELL DEPTH (completed) _____ ft. Date Started: 9/26/06
 Date Completed: 9/27/06
 10. CASING: Threaded Welded
 Diam.: 6 1/4
 Type: PVC Galvanized
 Steel Other
6 1/4 in. to 130 ft. depth
 _____ in. to _____ ft. depth
 Height: Above/Below
 Surface _____ ft.
 Weight _____ lb./ft.
 Drive Shoe? Yes No

3. PUBLIC SYSTEM NAME: _____ PUBLIC SYSTEM NUMBER: _____

11. SCREEN:
 Type: PVC Diam.: 6 1/4
 Slot/Gauge: .032 Length: 80
 Set Between: 130 ft. and 210 ft. NOTE: MULTIPLE SCREENS
 _____ ft. and _____ ft. USE SECOND SHEET
 Sieve Analysis Yes (please enclose) No

4. ABANDONMENT: Yes No
 Give Details Below
 Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Topsoil	1'	1'
clay	9'	10'
sand	2'	12'
chalk	48'	60'
sand	5'	65'
chalk	40'	105'
sand	10'	115'
chalk	20'	135'
sand	75'	210'

12. STATIC WATER LEVEL 10 ft. below land surface after 24 hours
 13. PUMPING LEVEL Below Land Surface.
 _____ ft. after _____ hrs. Pumping _____ G.P.M.
 Pumping Test: Yes (please enclose) No
 Yield: 400

14. WATER QUALITY
 Chemical Analysis Yes No Bacterial Analysis Yes No
 Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No
 Installed from 100 ft. to 210 ft.
 Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other _____
 Depth: From 0 ft. to 20 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 100 ft. direction
 Type Pond
 Well Disinfected Yes No Type: CL² Amount: 1 gal

18. PUMP: Date installed: _____ Not installed
 Mfr. Name: _____ Model No.: _____
 H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
 TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: RONALD SWARMON CERT. NO.: 1530
 Address: (Print) 3071 HWY 6 Level: A B C D (circle one)
LEX SC 29073
 Telephone No.: 803-255-1203 Fax No.: _____

*Indicate Water Bearing Zones
 (Use a 2nd sheet if needed)

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

5. REMARKS:

Signed: [Signature] Date: 10/5/06
 Well Driller

6. TYPE: Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other

If D Level Driller, provide supervising driller's name:



Water Well Record
Bureau of Water
 2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
 Name: LIERMAN THOMAS
(last) (first)
 Address: 1024 SCAUP CRT
 City: HIAWAH ISLAND State: SC Zip: 29455
 Telephone: Work: _____ Home: _____

7. PERMIT NUMBER:
SCW 04081414 WELL # 1

2. LOCATION OF WELL: COUNTY: CHARLETON
 Name: SAME
 Street Address: RIVER RD
 City: BIMINI SC Zip: _____
 Latitude: N33° 39.219' Longitude: W80° 30.103'

8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

9. WELL DEPTH (completed) 227 ft. Date Started: 8/10/06
 Date Completed: 8/11/06

3. PUBLIC SYSTEM NAME: _____ PUBLIC SYSTEM NUMBER: _____

10. CASING: Threaded Welded
 Diam.: 6" 1/4"
 Type: PVC Galvanized
 Steel Other
6" 1/4 in. to 147 ft. depth
 _____ in. to _____ ft. depth

Height: Above/Below 1
 Surface _____ ft.
 Weight 200 PSI lb./ft.
 Drive Shoe? Yes No

4. ABANDONMENT: Yes No
 Give Details Below
 Grouted Depth: from _____ ft. to _____ ft.

11. SCREEN: PVC Diam.: 6" 1/8"
 Type: _____ Length: 80
 Slot/Gauge: .032
 Set Between: 147 ft. and 227 ft. NOTE: MULTIPLE SCREENS
 _____ ft. and _____ ft. USE SECOND SHEET
 Sieve Analysis Yes (please enclose) No

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
TOP SOIL	1	1
CLAY + CLAY SAND MIX	18	19
BLACK CLAY	53	72
GRAY CLAY W/ THIN LAYERS OF SAND	33	105
SAND	11	116
GRAY CLAY	3	119
SAND W/ THIN LAYERS OF CLAY	125	224
CLAY	4	228

12. STATIC WATER LEVEL 7 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
 _____ ft. after _____ hrs. Pumping _____ G.P.M.
 Pumping Test: Yes (please enclose) No
 Yield: 300

14. WATER QUALITY
 Chemical Analysis Yes No Bacterial Analysis Yes No
 Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No
 Installed from 100 ft. to 227 ft.
 Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other
 Depth: From 0 ft. to 25 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 15 ft. direction
 Type POUD
 Well Disinfected Yes No Type: Cl Amount: 1/2 gallon

18. PUMP: Date installed: _____ Not installed
 Mfr. Name: _____ Model No.: _____
 H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
 TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: JAY SWEATMAN CERT. NO.: 1530
 Address: (Print) 3071 HWY 6 Level: A B C D (circle one)
164 SC 29073
 Telephone No.: 803-755-1203 Fax No.: _____

*Indicate Water Bearing Zones
 (Use a 2nd sheet if needed)

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

5. REMARKS:

Signed: _____ Date: 8/12/06
 Well Driller

6. TYPE: Mud Rotary Jetted Bored
 Dug Air Rotary Driven
 Cable tool Other

If D Level Driller, provide supervising driller's name:



Water Well Record Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
 Name: EXECUTIVE PRIVILEGES
(last) (first)
 Address: P.O. Box 27
 City: SUMTER State: SC Zip: 29151
 Telephone: Work: _____ Home: _____

7. PERMIT NUMBER:
SCW43-064675

8. USE:
 Residential Public Supply Process
 Irrigation Air Conditioning Emergency
 Test Well Monitor Well Replacement

2. LOCATION OF WELL: COUNTY: SUMTER
 Name: SAME
 Street Address: SPARKLEBERRY RD
 City: RIMINI SC Zip: _____
 Latitude: _____ Longitude: _____

9. WELL DEPTH (completed) Date Started: 11/4/04
695 ft. Date Completed: 11/9/04

10. CASING: Threaded Welded
 Diam.: 6 1/4
 Type: PVC Galvanized
 Steel Other
6 1/4 in. to 200-555 ft. depth
6 1/8 in. to _____ ft. depth

Height: Above/Below
 Surface _____ ft.
 Weight SDR 27 lb./ft.
 Drive Shoe? Yes No

3. PUBLIC SYSTEM NAME: _____ **PUBLIC SYSTEM NUMBER:** _____

11. SCREENS:
 Type: PVC Diam.: 6 1/8"
 Slot/Gauge: 1.032 Length: 120'
 Set Between: 555 ft. and 595 ft. **NOTE: MULTIPLE SCREENS**
615 ft. and 695 ft. **USE SECOND SHEET**
 Sieve Analysis Yes (please enclose) No

4. ABANDONMENT: Yes No
 Grouted Depth: from _____ ft. to _____ ft.

12. STATIC WATER LEVEL 49 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
 _____ ft. after _____ hrs. Pumping _____ G.P.M.
 Pumping Test: Yes (please enclose) No
 Yield: 400 GPM

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
CLAY	12'	12'
SAND, THIN LAYERS OF BROWN ROCK	19'	31'
GRAY CLAY	103'	134'
MEDIUM SAND	50'	184'
CLAY	23'	207'
BLACK CLAY, THIN LAYERS OF SAND	8'	215'
CLAY	51'	266'
BLACK CLAY, THIN LAYERS OF SAND	39'	305'
BLACK CLAY	19'	324'
SAND	6'	330'
BLACK CLAY	73'	403'
FINE SAND	28'	431'

*Indicate Water Bearing Zones
 (Use a 2nd sheet if needed)

14. WATER QUALITY
 Chemical Analysis: Yes No Bacterial Analysis: Yes No
 Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) Yes No
 Installed from _____ ft. to _____ ft.
 Effective size _____ Uniformity Coefficient _____

16. WELL GROUDED? Yes No
 Neat Cement Bentonite Bentonite/Cement Other _____
 Depth: From _____ ft. to 20 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 100 ft. _____ direction
 Type POND
 Well Disinfected Yes No Type: CL₂ Amount: 1 GALLON

18. PUMP: Date installed: _____ Not installed
 Mr. Name: _____ Model No.: _____
 H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
 TYPE: Submersible Jet (shallow) Turbine
 Jet (deep) Reciprocating Centrifugal

19. WELL DRILLER: **CERT. NO.:** 309
 Address: (Print) B.M. SWEARINGEN
3071 HWY 6
LEX SC 29073
 Telephone No.: 803-755-1203 Fax No.: 803-755-6911
 Level: A B C D (circle one)

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: B.M. Swearingen Date: 11/16/04
 Well Driller

If D Level Driller, provide supervising driller's name: _____

