

# Appendix J.3

## Hydrogeologic Investigation Report

Application for Certification  
Blythe Solar Power Project  
Riverside, California



# Appendix J.3

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### Application for Certification

### Blythe Solar Power Project

### Riverside, California



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Prepared By  
Brian Ho



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Reviewed By  
Michael Flack, PG, CEG

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## List of Acronyms

AF	acre-feet
AFY	acre-feet per year
bgs	below ground surface
BLM	Bureau of Land Management
BSPP	Blythe Solar Plant Project
CEC	California Energy Commission
DWR	Department of Water Resources
ft/day	feet per day
ft <sup>2</sup> /day	square feet per day
gpd/ft <sup>2</sup>	gallons per day per square foot
gpm	gallons per minute
gpm/ft	gallons per minute per foot of drawdown
I-10	Interstate 10
LCS	low carbon steel
MCL	maximum containment level
MDL	method detection limit
mg/L	milligrams per liter
MW	megawatt
OCP	organochlorine pesticides
OPP	organophosphorus pesticides
PCB	polychlorinated biphenyl
PQL	Practical Quantitation Limit
psi	pounds per square inch
PVID	Palo Verde Irrigation District
SVOC	Semi-volatile organic compounds
TDS	total dissolved solids
ug/L	micrograms per liter
USGS	United States Geological Survey
VOC	volatile organic compounds

## 1.0 INTRODUCTION

This report summarizes the results of a hydrogeologic investigation of aquifer properties, water quality, and stratigraphy conducted for the Blythe Solar Power Project (BSPP or Project) at the Project site between September 20 and October 12, 2009. This report is provided as a supplement to the Application for Certification that was submitted to the California Energy Commission (CEC) on August 24, 2009. This report also contains data as part of the data adequacy submittal in response to the November 20, 2009 Data Request from the CEC. BSPP is a solar power facility that will have a nominal output of 1,000 megawatts (MW), consisting of four nearly identical and independent 250-MW units. The BSPP will be located in the Mojave Desert in Southern California, approximately 8 miles west of the City of Blythe and 2 miles north of Interstate-10 (I-10) in Riverside County, California (**Figure J.3-1**).

Palo Verde Solar I, LLC (hereafter referred to as the Applicant) have applied for a right-of-way grant for approximately 9,400 acres of lands owned by the Federal government and managed by the Bureau of Land Management (BLM). Construction and operations of the BSPP will disturb a total of about 7,300 acres. The Project facilities will occupy approximately 5,950 of the 9,400 acres of land.

The Project is a dry-cooled facility that will require approximately 600 acre-feet per year (AFY) of water (about 150 AFY per electricity-generating unit) primarily for mirror washing purposes. This equates to an annualized average daily flow of about 372 gallons per minute (gpm) to support all four units. During the summer, peak flows of up to about 568 gpm are estimated and during the winter, when temperatures are low, the total flow to all four units is estimated to be about 120 gpm.

A study on the geohydrology of the area was published by the U.S. Geological Survey (USGS) (Metzger and others 1973) that was followed by groundwater studies (Raymond and Owen-Joyce 1987; Owen-Joyce and Kimsey 1987; and Owen-Joyce 1987) of the Palo Verde Valley area which is adjacent to the Palo Verde Mesa. However, few wells have been drilled in the upper Palo Verde Mesa area where the BSPP site is located and as a result, little is known about the hydrogeology of this area. The objectives of this investigation were to:

- Obtain a better understanding of the hydrostratigraphy beneath the Project site;
- Assess the aquifer characteristics beneath the Project site as far as evaluating water supply well yield and efficiency;
- Evaluate the capacity of wells to meet the Project water supply requirements;
- Determine the hydraulic influence from pumping wells on the Project site;
- Evaluate the impacts from pumping; and
- Determine the water quality characteristics of groundwater beneath the Project site.

A description of the field activities for the investigation was prepared and submitted to the BLM on June 10, 2009 as part of an Environmental Assessment (Document No. DOI-BLM-CA-060-0009-0040-EA). The scope of work was reviewed by the BLM and comments provided on July 2, 2009. Comments provided by the BLM were incorporated and the scope of work was revised accordingly.

A review of historical well databases maintained by the USGS and the California Department of Water Resources (DWR) did not identify the existence of wells or sources of water on the proposed Project site.

A review of historical well databases maintained by the USGS and the California Department of Water Resources (DWR) did not identify the existence of wells or sources of water on the proposed Project site. USGS topographic maps of the area indicate a well may be present on the occupied, privately-owned in-holding property in the southern part of the Project site. The next closest wells are approximately one-mile west of and south of the Project boundaries.

A new test well (TW-1) and two observation wells (OW-1 and OW-2) were drilled and constructed to conduct a pumping test to analyze the local hydrogeologic conditions, analyze the groundwater chemistry, and assess the aquifer yield, resource sustainability, and possible impacts from use of the resource on the groundwater basin and on adjacent groundwater users (nearest wells to the site include: 5/22-31E1, 6/22-17L1, 6/22-17L2, 6/22-19N3, and 6/21-25F1). The pumping test also provided water quality data to assess water treatment requirements for mirror washing and steam turbine water recharge. The location of TW-1, OW-1 and OW-2 are shown on **Figure J.3-2**. Water from the pumping well was discharged to a temporary retention pond formed by soil berms to allow the water to infiltrate back into the regional aquifer. During field activities, biological monitoring was performed by an on-site biologist to guard against impacts to wildlife and sensitive habitats as required under permits issued from BLM. Similarly, cultural monitoring was performed during field activities by an on-site archaeologist as required by the BLM.

## 2.0 HYDROGEOLOGIC SETTING

Groundwater in the area of the Project is contained within Colorado River Hydrologic Region, which covers about 20,000 square miles of southeastern California (RWQCB 2006). The Colorado River Hydrologic Basin Region is bound to the west by the San Bernardino, San Jacinto and Launa Mountain ranges; to the north by the New York, Providence, Granite, Old Dad, Bristol, Rodman and Ord Mountain ranges and the State of Nevada; to the east by the Colorado River and the State of Arizona; and to the south by the border of the United States and Mexico. The Colorado River Hydrologic Basin Region includes the Salton Sea and the Coachella and Imperial Valleys.

The Colorado River Hydrologic Region is subdivided into 28 groundwater basins, one of which is the Palo Verde Mesa Groundwater Basin where the Project site is located (**Figure J.3-3**). The Palo Verde Mesa Groundwater Basin covers 280 square miles. It is about 25 miles long and has a maximum width of about 15 miles; its axis trends north-south. The Chuckwalla Valley Groundwater Basin, west of the Project site, is separated from the Palo Verde Mesa Groundwater Basin by the McCoy and Mule Mountains. Separating the two mountain ranges is a gap in the McCoy and Mule Mountains through which the I-10 passes. The Palo Verde Mesa Groundwater Basin is bound by the McCoy and Mule Mountains to the west; the Little Maria Mountains, Rice Valley and the Big Maria Mountains to the north; the Palo Verde Valley flood-plain and the Colorado River to the east; and the Palo Verde Mountains to the south. Altitudes on the Palo Verde Mesa Groundwater Basin floor range from about 300 feet at the flood-plain boundary to about 1,000 feet at the base of the mountains in the northwestern part of the basin.

There are no significant subsurface structural features that restrict groundwater flow within the Palo Verde Mesa Groundwater Basin according to the DWR (1979, 2004a), and the Palo Verde Mesa Groundwater Basin is not listed on the DWR list of adjudicated groundwater basins (DWR 2009).

In the Palo Verde Mesa Groundwater Basin, groundwater provides a source of water for domestic, industrial, and agricultural water supply. Surface water from the Colorado River through the Palo Verde Irrigation District (PVID) is the primary source of water for agriculture in the area. In 2007, the PVID supplied about 375,000 acre-feet (AF) of water for use by agricultural entities within the boundary of their district (USBR 2008).

### 2.1 Hydrostratigraphy

The Project is located in the alluvial-filled basin of the Palo Verde Mesa (**Figures J.3-4a and 4b**). Regionally, this valley formed as a structural depression or a pull-apart basin and is composed of two broad geologic units, consolidated rocks and unconsolidated alluvium (Metzger and others 1973). The consolidated rocks consist of pre-Tertiary age igneous and metamorphic rocks, which form the basement complex, and in some locations, Tertiary-age volcanic rocks that overlie the basement complex. The consolidated rocks are nearly impermeable except for areas where fracturing or weathering has occurred. It is uncertain the extent that these rocks yield water to the alluvium. The flux of groundwater into and out of the bedrock is unknown and has not been described in the literature reviewed for this project.

The geologic units that are important in an evaluation of the water resources in the Palo Verde Mesa area are the thought to be the Miocene-age Faglomerate, the Pliocene-age Bouse Formation, and the fluvial deposits of the Colorado River. According to Metzger and others (1973), the Miocene-age Faglomerate is made up chiefly of cemented gravel composed of poorly-sorted pebbles and some fine-grained material with a provenance from a nearby source. The Faglomerate represents composite alluvial fans deposits that

built up from local mountains as the fans prograded toward the valley. Because the Fanglomerate was deposited on an irregular surface having considerable local relief, it varies widely in thickness. Locally, the Fanglomerate may be absent, but at some places (e.g., Milpitas Wash area), it is at least 2,100 feet thick. (On the Project site during the drilling of well TW-1, which was drilled to a depth of 405 feet below ground surface [bgs], the Fanglomerate was not encountered.) Near Parker, Arizona, wells with specific capacities as much as 15 gallons per minute per foot of drawdown (gpm/ft) have been reported in the Fanglomerate (Metzger and others 1973).

The Bouse Formation is of Pliocene age and is composed of tufa and basal limestone overlain by interbedded clay, silt, and sand (Metzger and others 1973). These sediments were deposited in an embayment of the Gulf of California. According to Metzger and others (1973), the Bouse Formation rests unconformably on the Miocene Fanglomerate and the contact between the two formations is sharp. Near Blythe, the Bouse is overlain by younger alluvium and occurs at a depth of about 600 feet beneath unit B of the alluvium. The thickness of the formation is relatively uniform throughout the area. Near the town of Parker, Arizona (about 60 miles northeast of the BSPP), the Bouse Formation was measured at 767 feet thick in well LCRP-27 that was drilled by the USGS. The basal limestone varies widely in thickness. In the Palo Verde Valley at well LCRP-22, the limestone is 5 feet thick whereas south of Cibola, Arizona, the limestone is about 100 feet thick. The interbedded sequence of clays, silt, and sand that overlies the basal limestone is by far the thickest unit in the Bouse Formation, occurring in sequences over 700 feet thick in the Parker-Blythe-Cibola area (Metzger and others 1973). With respect to water-bearing characteristics, the Bouse Formation can be divided into two zones: an upper and a lower zone (Metzger and others 1973). The upper zone is an aquifer whereas the lower zone is an aquitard. The results of pumping tests, as reported by Metzger and others (1973), indicate that specific capacities as high as 15 gpm/ft of drawdown may be obtained from the upper zone. In contrast, the best that may be expected from the lower zone is 1 to 2 gpm/ft. Sediments of the Bouse Formation were not encountered during the drilling of wells for this investigation.

The contact between the Bouse Formation and the overlying deposits of the Colorado River is an erosional surface. The alluviums of the Colorado River are the result of several broad periods of sediment deposition (aggradation) and erosion (degradation) by the Colorado River.

The fluvial deposits of the Colorado River are divided into older and younger alluvium (Metzger and others 1973). The younger alluvium is defined as the sediment deposit representing only the youngest aggradation by the Colorado River, whereas older alluviums are the deposits of several degradations and aggradations. In well 6S/23E-32E1, located approximately 7½ miles east of the BSPP, the bottom of the Colorado River fluvial deposits reportedly occurs to a depth of about 506 feet bgs. The wells (TW-1, OW-1, and OW-2) that were drilled and installed on the Project site as part of this investigation were drilled into the sediments of the Colorado River.

The older alluvium is comprised of a basal-cemented gravel overlain by inter-layered sequences of sand and pebbly sand, with lenses of cobble gravels and silt and clay. The gravels consist of quartzite, limestone, and chert clasts derived from local mountain sources. In the Blythe area, this sequence has been measured as much as 600 feet in thickness. The lenses of cobble-gravel beds yield copious amounts of water according to Metzger and others (1973). The contact between the older and younger alluvium is between the present floodplain of the Colorado River and the bordering terraces, alluvial slopes, or bedrock.

The younger alluvium is composed of a basal gravel overlain by sand. The younger alluvium is generally from 90 to 125 feet thick above its basal gravel (Metzger and others 1973). The basal gravel may be absent locally in the Palo Verde Mesa, but the alluvium is continuous throughout the flood plain.

The fluvial deposits of the Colorado River have the highest hydraulic conductivity of any saturated sediments in the area of the Project site. The USGS study (Metzger and others 1973) noted that wells that tap a sufficient thickness of these gravels had specific capacities greater than 100 gpm/ft.

## **2.2 Groundwater Occurrence and Movement**

The depth to groundwater below the Project site, measured in October 2009 from newly installed well TW-1 was 195.21 feet bgs. In their estimate of groundwater storage, the DWR (1979) used an assumed average saturated thickness of 300 feet and a specific yield of 10 percent for the Palo Verde Mesa Groundwater Basin to derive a usable storage of about 5 million AF, with about half of the usable storage estimated to be in the McCoy Wash part of the basin. In subsequent reports, the DWR (2004a) listed the groundwater in storage for the basin as “unknown” although they listed the total storage capacity in the basin as approximately 6,840,000 AF.

No known barriers or faults inhibit the flow of groundwater in the Palo Verde Mesa Groundwater Basin (DWR 1978, 2004a). A small unnamed fault occurs approximately 1.5 miles south of the Project site in the McCoy Mountains (DMG 1967, DWR 1978). As shown on geologic maps of the area (DMG 1967, DWR 1978) this east-west-trending fault has been mapped in the bedrock of the McCoy Mountains and does not appear to extend beneath the sediments filling the valley south of the BSPP.

There are no faults that are considered by the State or County to be active within the site limits. According to Kleinfelder (2009), several inferred faults have been mapped by several authors trending northwest-southeast through the area. These faults are speculative and based on geophysical data (Rostein et al. 1976). The Blythe Graben is mapped approximately 6 miles northeast of the site (Stone 2006). The Blythe Graben offsets Quaternary alluvium dated between six to 31 thousand years old. The tectonic significance of the Blythe Graben is unknown. The location and elevation of alluvial deposits of the McCoy wash area that have been incised by the McCoy Wash and other drainages suggest that tectonic uplift may have affected this area since the Pliocene epoch (within the last 5 million years). This uplift could be related to faulting, or regional uplift associated with the basin and range extension. Because the speculated faults in the area are not considered active, and there is no direct evidence of active faulting on the site, the risk associated with surface rupture from active faults at the site is considered very low.

Several inferred faults have been mapped by some authors trending northwest-southeast through the site (Kleinfelder 2009). The suspected presence of these faults is based on a gravity study (Rostein et al. 1976) and lithologic variations in adjacent mountain ranges (Hamilton 1984). Stone (2006) considered the faults too speculative or imprecisely located to be included on the geologic map referenced in this report. The mapped faults are not considered by the State or County to be active.

Sources of recharge to the groundwater reservoir in the Palo Verde Mesa and surrounding area are the Colorado River, precipitation, and underflow from bordering areas (Metzger and others 1973). The Colorado River recharges the aquifers directly by seepage in some reaches and indirectly by diversions from the Colorado River in the form of seepage from canals and irrigated land.

Recharge from precipitation occurs directly by infiltration of rainfall and indirectly by infiltration of runoff from rainfall. Metzger and others (1973) indicate that direct recharge from rainfall is an insignificant amount compared to the amount that is recharged from runoff. They indicate that during the infrequent storms where 2 to 3 inches of rain can fall within a few hours, that rain of this intensity may infiltrate into the material to a sufficient depth to cause recharge to the groundwater reservoir. Much of the runoff from the mountains, upon leaving the bedrock, infiltrates into the sand and gravel and eventually part of the water recharges the groundwater supply.

Recharge by underflow from areas bordering the Palo Verde Mesa is principally from the Chuckwalla Valley (Metzger and others 1973). Brown (1923) was the first to recognize that underflow occurred from the Chuckwalla Valley to the Palo Verde Mesa through the topographic divide from the McCoy Mountains southward to the Mule Mountains. The deepest part of the fill along this transect is estimated to be 1,500 feet thick (Metzger and others, 1973). Because so little is known about the thickness of the fill along this transect, a cross section of the area is arbitrarily shown as a triangle. Metzger and others (1973) estimated the length of the saturated section (i.e., the distance between the McCoy and Mule Mountains) as 20,500 feet or nearly four miles and that the saturated section (based on a depth to water of about 250 feet), had an area that was calculated to be about 13 million square feet. Assuming a transmissivity of about 30,000 gpd per foot (which seemed reasonable for the Bouse and older units) and with a water table gradient of 3 feet per mile and a 4-mile length of saturated section, Metzger and others (1973) calculated the underflow from Chuckwalla Valley into the Palo Verde Mesa to be about 400 AF per year – a value adopted by Owen-Joyce (1987) and DWR (2004a).

Unmeasured runoff in the Palo Verde Mesa area is a budget item that is difficult to evaluate, as described by Metzger and others (1973), because it consists of the runoff from numerous areas ranging in size from a fraction of a square mile to more than hundreds of square miles. Measurement of the runoff from these areas is impractical because the runoff is infrequent and of short duration. It may range from a negligible amount in extremely dry years to many times the long-term annual average in relatively wet years.

Hely and Peck (1964) developed local runoff rates for small tracts of land (10 to 20 square miles), which included the Palo Verde Mesa area. They estimated runoff on the basis of precipitation data, rainfall-runoff relations, and character of the terrain – although no adjustments were made for absorption of runoff in the alluvium. Metzger and others (1973) and Owen-Joyce (1987) built upon the work of Hely and Peck (1964) and developed estimates of groundwater inflow based on empirical relation between precipitation and groundwater recharge determined for central Nevada (Eakin and others 1951) and adjusted for climate conditions in the lower Colorado River basin. The percentages of precipitation that contribute to groundwater recharge in Nevada were halved by Metzger and others (1973) for used in the lower Colorado River basin in recognition of less favorable conditions for recharge from precipitation and the small percentage of precipitation that falls as snow. Based on this, Metzger and others (1973) developed an estimated average annual runoff value of 1,200 AF from the Palo Verde Mountains – Mule Mountains area plus an additional 800 AF for the McCoy Wash tributary area – values adopted by Owen-Joyce (1987). The Palo Verde Mountains – Mule Mountains are six to 12 miles south of the BSPP site and form the southwestern border of the Palo Verde Mesa Groundwater Basin. The average annual runoff of 1,200 AF that was estimated by Metzger (1973) is in an area that is too far south to recharge the aquifer beneath the BSPP site.

**Figure J.3-5** shows the water level contours for the Palo Verde Mesa and Palo Verde Valley Groundwater Basins drawn from 2000 water level data gathered from the USGS database and the water level measured from the BSPP in October 2009. The contours show that north of the BSPP, the groundwater flows to the southeast towards the Colorado River, following the general axial trend of McCoy Wash. Beneath the Project site and in areas south of the BSPP, groundwater flow “turns” (in response to influence from the Colorado River) towards the south-southeast following the general flow path of the Colorado River. Based on the 2000 water level data in the USGS and DWR databases (USGS 2009, and DWR 2009) for wells located approximately 2 to 3 miles east of the BSPP site, the hydraulic gradient is about 0.007 feet per foot (ft/ft).

### 2.3 Aquifer Properties in the Palo Verde Mesa Groundwater Basin

In their development of a two-dimensional superposition model for the Parker-Palo Verde-Cibola area, which includes the Palo Verde Mesa Groundwater Basin, Leake and others (2008) evaluated published

aquifer testing data and through statistical analysis derived a range of transmissivity values from a low value of 6,300 square feet per day ( $\text{ft}^2/\text{d}$ ) to an average value of 26,200  $\text{ft}^2/\text{d}$ . They selected a storage coefficient of 0.20 to approximate aquifer conditions throughout their model domain, which includes the Chuckwalla Valley Groundwater Basin and the Palo Verde Mesa Groundwater Basin (and the Project site).

Metzger and others (1973) provided historical data from pumping tests that were conducted in the 1960s on wells in the Palo Verde Mesa Groundwater Basin. They reported transmissivity values ranging from 64,000 to 1,900,000 gallons per day per foot of aquifer thickness ( $\text{gpd}/\text{ft}$ ) of drawdown (8,756 to 254,600  $\text{ft}^2/\text{day}$ ), specific yields from 100 to 2,180  $\text{gpm}/\text{ft}$ , and hydraulic conductivities ranging from 210 to 12,300 gallons per day per square foot ( $\text{gpd}/\text{ft}^2$ ). The data are summarized in **Table J.3-1**.

Groundwater production in the Palo Verde Mesa Groundwater Basin averages 1,650  $\text{gpm}$  (DWR 1979). The maximum yield reported was 2,750  $\text{gpm}$  from well 6S/22E-16A1, which is approximately 6 miles east of the Project site. The DWR (1979) indicated that large well yields are common for properly designed and developed wells near the edge of the Palo Verde Valley flood plain, which is east of and adjacent to the Palo Verde Mesa Groundwater Basin. Well yields in the rest of the Palo Verde Mesa Groundwater Basin, where sand is the dominant lithology, are lower. Yields greater than 1,000  $\text{gpm}$  are reported in wells in the McCoy Wash area. The depth of these wells range from 250 to 600 feet and the wells are 12 to 16 inches in diameter (DWR 1979).

## 3.0 HYDROGEOLOGIC INVESTIGATION

The objectives of this investigation were to:

- Obtain a better understanding of the stratigraphy beneath the site;
- Assess the aquifer characteristics beneath the Project site as far as evaluating water-supply well yield and efficiency;
- Evaluate the capacity of wells to meet the Project water supply requirements;
- Determine the hydraulic influence from pumping wells on the Project site; and
- Determine the water quality characteristics of groundwater beneath the Project site.

In order to evaluate the hydrogeologic conditions beneath the Project site, one test well (TW-1) was drilled and constructed. Two additional wells (OW-1 and OW-2) were also drilled and constructed in order to monitor changes in water levels as part of the investigation.

An aquifer test was performed using well TW-1 as the pumping well. The testing program consisted of a 6-hour step-drawdown test followed by a 53-hour constant-rate discharge test that was performed during the period between September 29 and October 8, 2009.

Prior to the start of the aquifer test, a temporary retention basin (one-acre in size) was constructed near pumping well TW-1 to hold the water that was generated during the aquifer test. Biological and cultural resources surveys were performed prior to the construction of the temporary retention basin to identify a suitable location for the basin away from sensitive habitats and potential cultural resources. The retention basin was formed by digging to a depth of about 2 feet below grade and constructing temporary soil berms to retain water so it could infiltrate back into the regional aquifer.

A temporary weir was constructed at the east berm to allow water to flow out of the retention basin. Water from the retention basin was discharged into an adjacent existing dry wash to further promote infiltration back into the regional aquifer. Monitoring was performed to verify no sensitive habitats or cultural resources were impacted. Based on a constant-rate test yield of between 300 and 200 gpm, an estimated 1.1 million gallons of water were generated during the 53-hour constant discharge pump test. Photographs taken during the field activities are included in **Attachment J3-A**.

### 3.1 Well Installation

A total of three wells (test well TW-1 and observation wells OW-1 and OW-2) were drilled and installed at the Project site. The wells were drilled using a combination ARCH and mud-rotary drilling techniques. The wells were constructed according to County of Riverside and the State of California requirements under the oversight of a field geologist who was under the direct supervision of a California-registered professional geologist.

Well TW-1 is a 12-inch diameter well that is constructed of schedule 40 low carbon steel (LCS) casing connected to 100 feet of 20 slot (0.020-inch) wire-wrapped LCS screen. The screened interval extends from a depth of about 290 to 390 feet bgs. Groundwater was measured at a depth of about 195 feet bgs, which corresponds to a saturated thickness of 195 feet. The pump test was conducted by setting the pump intake at the bottom of the well screen, about 195 feet below the surface of the groundwater.

Observation wells OW-1 and OW-2 are constructed of 2-inch diameter Schedule 80 PVC blank casing connected to 50 feet of 30 slot (0.030-inch) PVC screen. The screened interval for both wells extends from a depth of about 188 to 238 feet bgs. Well OW-2 is 50 feet west of test well TW-1 and OW-1 is 150 feet west of TW-1.

Information for each well including well diameter, screen interval, well location coordinates, and ground surface elevations are shown on **Table J.3-2**. The locations of the wells are shown on **Figure J.3-2** and construction diagrams for all three wells are provided in **Attachment J3-B**.

Following well installation, all three wells were developed to remove sediments from the well and to improve hydraulic communication between the well and the aquifer formation. A minimum 24 hours elapsed after each well was installed before well development activities began. Initial development activities consisted of swabbing the well screen using a surge-block. After swabbing was completed, sediment-laden water was removed from each well using an air-lift pump. Well development activities ceased when turbidity levels in the water were below 10 nephelometric turbidity units (NTUs) for a minimum of three consecutive readings.

At the completion of the pumping test program, the well location including the well casing elevation point used during the test and ground surface elevation were surveyed by a licensed California surveyor (**Attachment J3-C**).

### **3.2 Geophysical Borehole Logging**

Geophysical logging of the borehole for wells TW-1 and OW-1 was conducted to provide a better understanding of vadose zone and aquifer lithology and to assess whether there could be vertical changes in water quality in the aquifer with depth below the BSPP. Geophysical logging included 16-inch normal and 64-inch electric logs, spontaneous-potential logs, resistivity logs, and natural gamma logs. Copies of the geophysical borehole logs are provided in **Attachment J3-B**.

### **3.3 Site Lithology**

Soils beneath the BSPP consist of sequences of predominantly fine-grained sand with silt and sequences of silty sand. One feature that is remarkable in regards to the lithology beneath the site is the relative homogeneity of the soils from the ground surface to a depth of about 400 feet. Visually, the soils consisted of fine-grained sand/silt. Beds of silt ranging from 6-inches thick to as much as 19 feet thick were observed infrequently in the subsurface. Occasionally, thin beds of gravel were encountered during drilling activities. These observations were reinforced by the results of the grain size analyses that was performed on soil samples collected from the saturated zone and by fairly consistent, uniform electrical signals that were recorded in the geophysical E-logs of TW-1 and OW-1.

Soil samples were collected during the drilling of OW-2 at depths of 286, 312, 335, and 361 feet below the ground surface (bgs) for measurement of geotechnical parameters. Grain-size analysis, moisture content, and permeability testing were performed on the soil samples. Grain size analyses showed that the predominant soil type ranged from a clayey silt to a poorly graded sand with silt. The moisture content ranged from 20.3 to 26.5 percent, and the vertical permeability was measured at 0.0000246 centimeters per second (or 0.07 ft/day).

The geophysical E-logs show fairly consist electrical signals throughout the soil column. The spontaneous-potential (SP) logs, gamma-ray logs, and resistivity logs all indicated the presence of fine-grained soils with infrequent peaks indicating the presence of either coarse-grained soils (gravels) or beds of silt.

A description of the lithology based on visual observations by the field geologist is recorded on the soil boring logs in **Attachment J3-B**. Copies of the geophysical E-logs of TW-1 and OW-1 are also included in **Attachment J3-B**. Copies of the geotechnical laboratory's analyses are provided in **Attachment J3-D**.

A map of the general geology of the Palo Verde Mesa and a listing of the geologic formations of the Palo Verde Mesa area are provided in **Figures J.3-4a** and **J.3-4b**, respectively. A cross section depicting the regional geology within the Palo Verde Mesa is shown in **Figure J.3-6a**. Details of the local geology beneath the Project site are shown in **Figure J.3-6b**.

### 3.4 Pumping Test

Prior to the pumping tests, groundwater levels were measured in wells TW-1, OW-1 and OW-2. This measurement was taken by hand using a Solinst™ water level meter and was used to establish baseline water levels and to set pressure transducers. A 100-pound per square inch (psi) AquaTroll™ pressure transducer and water quality data logger was installed in the pumping well and a 30 psi Level Troll™ was installed in both observation wells. The measurement interval was set at one-minute intervals during the pumping and recovery portions of the test. During the test, the pumping rate was monitored using an in-line flow meter to record instantaneous and cumulative flow rate.

Initially, a step-drawdown test was conducted to evaluate well performance and to establish the constant-rate discharge test rate. Well TW-1 was pumped at rates of 200, 300, and 400 gpm. Each step was about two hours in duration. After two-hours of pumping at 200 gpm, the water level in TW-1 had stabilized and the pump rate was increased to 300 gpm, where the water level again stabilized within two hours. After two-hours of pumping at 400 gpm, the water level in TW-1 had not stabilized as the groundwater level continued to decrease. Based on the results of the stepped-rate test, it was determined that the aquifer could sustain a constant rate discharge test with a pump rate of 300 gpm. Upon conclusion of the step-drawdown test, the well was allowed to recover to 95 percent of its pre-testing pumping level before starting the constant-rate pumping test.

At the start of the constant-rate test on October 4, 2009, TW-1 was pumped at a rate of 300 gpm. In selecting the pumping rate, the intent was to maximize the well yield to allow for an assessment of the lateral influence from pumping. After nearly 24 hours of continuous pumping, the water level in the temporary retention basin was nearing the top of the basin berms as it became apparent that the pumping rate exceeded the infiltration/controlled discharge rate of water from the retention basin. The pump rate was reduced to 200 gpm, but after three hours and 26 minutes had elapsed, the water level in the retention basin threatened to overtop the berms. To avoid potential overtopping of waters from the retention basin, the pump was shut down overnight until water levels in the basin returned to levels where the pump test could resume without over-topping and the water level in the wells recovered to at least 95 percent of their pre-testing pumping level.

The constant-rate test was restarted on October 6, 2009 at a pumping rate of 200 gpm and continued for about 53-hours. On October 8, 2009 when pumping ceased, the drawdown observed in the pumping well was 64.14 feet whereas drawdown in the observation wells was 1.65 feet in OW-2 and 2.24 feet in OW-1. After the constant-rate test, the pumping and observation wells were allowed to recover for a period of 4-days (to October 12, 2009) during which the transducers continued to collect water level data throughout the recovery process. The pumping well recovered to at least 95 percent by the end of the recovery test. Observation well OW-2 (50 feet from TW-1) recovered about 140 percent during the recovery test whereas OW-1 (150 feet from TW-1) recovered about 104 percent during the recovery test. **Figure J.3-7** shows the changes in water levels that were recorded by the transducer during the constant discharge pump test from the inception of the test through the recovery phase.

Water quality parameters including temperature, pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity were measured in the effluent from the pumping well on October 6, 7 and 8, 2009 to evaluate changes (if any) in water quality. This field data is provided in **Attachment J3-E**.

### 3.5 Data Evaluation

Graphs of the water level data for each of the pumping and associated observation wells is presented in **Attachment J.3-D**.

The pumping test lasted approximately 3,180 minutes and quasi-steady state conditions were achieved at the end of pumping. Therefore, non-steady state or transient analytical methods were used to evaluate the water level data in the observation wells. Methods used were the Theis (1935) method and the Cooper-Jacob (1946) method for unconfined aquifers. Aquifer transmissivity, storativity, and hydraulic conductivity values were derived using manual calculations and the data were evaluated using the computer program AQTESOLV™ (HydroSolve 2009). The analyses and calculations used to provide estimates of aquifer characteristics are provided in **Attachment J.3-C**.

### 3.6 Assumptions and Uncertainties

All analytical methods for the analysis of pumping test data require simplifying assumptions in order for the analytical methods to be applicable. These assumptions do not invalidate the results, but put limits on the application of the results because the assumptions assume an “ideal aquifer”. The Cooper-Jacob (1946) and Theis (1935) solutions are based on the following assumptions:

- The aquifer has infinite areal extent;
- The aquifer is homogeneous, isotropic, and of uniform thickness;
- The pumping well is fully penetrating;
- The aquifer is confined;
- Flow is constant; and
- Well storage is negligible.

Subsurface data shows that the aquifer is relatively homogeneous and thickness is variable. Thus, the aquifer hydraulic properties are approximations.

The AQTESOLV™ program (HydroSolve 1999) can account for partial penetration of the pumping well and partial penetration of the observation wells. The program can also handle variable pumping rates and multiple pumping wells. The program generally cannot account for heterogeneous lithology in the aquifer being evaluated. Thus, the aquifer properties determined with the program are average properties over the distance between the pumping well and the observation wells being evaluated. If monitor wells are installed farther from the pumping well are evaluated, the aquifer properties estimated with the program will change due to the increasing heterogeneity of the aquifer.

### 3.7 Water Quality Sampling

During the 53-hour constant discharge pumping test, water samples of the effluent were collected at the end of the test for analysis of water quality parameters. A complete list of the parameters is shown on **Table J.3-3**. The samples were collected from the pump effluent using the specified container, placed on ice and transported to Calscience Environmental Laboratories, Inc. of Garden Grove, California, a State of

California-Certified Laboratory. The certified analytical laboratory reports, case narrative and chain-of-custody documentation are provided in **Attachment J.3-E** for water samples collected from Well TW-1.

## 4.0 AQUIFER TEST - RESULTS

The data evaluation provided an assessment of the influence from the pumping well and an estimate of the aquifer properties using various methods of data analyses. An evaluation of water type and quality was also conducted to determine if water quality in the aquifer below the Project site and to assess if parameters changed over time.

### 4.1 Aquifer Properties

The results of the aquifer testing indicated significant aquifer transmissivity, a measure of how much water can be transmitted horizontally under prevailing viscosity and a unit hydraulic gradient. Aquifer transmissivities ranged from 9,275 to 28,000 ft<sup>2</sup>/day. Aquifer storage ranged from 0.023 to 0.00003567. In general, storativity values in the range of 10<sup>-3</sup> are indicative of unconfined aquifer conditions, whereas storativity values in the range of 10<sup>-5</sup> or lower are indicative of semi-confined to confined aquifers. Many of the storage values estimated from the testing (see Table J.3-4) are varied and some much lower than the range used by the USGS in their model (0.05 to 0.2). The variation in the estimates could be a function of the partial penetration of the observation wells and variation beyond some of the bounding assumptions for application of the equations to estimate storage.

Horizontal hydraulic conductivities ranged from 69.1 to 75.2 ft/day. As discussed in Section 3.3, the soil permeability test that was performed on soil samples from the saturated zone displayed a vertical hydraulic conductivity of 0.07 ft/day. At a pumping rate of 200 gpm, the specific capacity was calculated to be 3 gpm/ft over the screened interval of well TW-1.

The aquifer testing conducted indicates that on-site wells tested would support pumping rates of 200 gpm. Other Project wells placed in the vicinity of well TW-1 with similar construction and saturated thickness would be expected to provide similar yields. **Table J.3-4** summarizes the results of the pumping test analysis showing the transmissivity and storativity values derived by manual calculation using the Cooper-Jacob Straight-Line Method from both pumping and observation wells and the pumping and recovery response, and AQTESOLV™ -derived transmissivity and storativity values using Cooper-Jacob and Theis Methods.

A summary of the pumping test program is provided in **Table J.3-6**.

### 4.2 Water Quality Parameters Field Logging

The parameters (e.g., temperature, pH, and conductivity) measured in the effluent of the pumping well remained stable during the term of the pumping test as shown in the field data records in **Attachment J3-E**. The stability of the temperature and conductivity data in the pumping effluent would suggest a uniform source of water to the wells and little stratification of different water types within the influence of the pumping well.

In general, the water quality data would tend to support that there is a relatively homogeneous water type and limited stratification of water quality in the aquifer below the Project site to a depth of at least 390 feet bgs.

### 4.3 Pumping Influence

The cone of depression developed from water level data for Well TW-1 is shown on **Figure J.3-7**. **Table J.3-5** summarizes the drawdown data for the pumping and observations wells at the end of the 53-hour constant rate discharge test.

The water level data collected at the end of the constant rate test show that at a pump rate of 200 gpm, drawdown was measured in TW-1 at 64.14 feet. In well OW-2 (50-feet from TW-1), drawdown was measured at 1.65 feet, and at OW-1 (150 feet from TW-1), the drawdown was slightly lower at 2.24 feet.

The aquifer test data suggests that unconfined to confined conditions exist in the aquifer beneath the Project site. Given the homogeneous nature of the soils beneath the site (as exemplified from visual observations, geophysical E-logs, and grain-size analyses), conditions conducive to an unconfined aquifer would have been expected for this site. The aquifer storativity results suggest that the aquifer may be heterogeneous in places and that in places, confined aquifer conditions exist beneath the site.

In a homogeneous aquifer, drawdown in the observation wells would be greater in the well that is closer to the pumping well – drawdown would decrease with increasing distance from the pumping well. However, the water level drawdown was less in OW-2 (1.65 feet), which is closer to the pumping well TW-1 than in OW-1 (2.24 feet), which is 100 feet farther from TW-1. Of note is that the well screens for OW-1 and OW-2 are roughly 50-feet shallower than the well screen for pumping well TW-1. As a result, there was no direct horizontal connection between the screen intervals in TW-1 and both observation wells.

The data may be a reflection of the fact that both the pumping well and the observation wells are partially penetrating – these wells do not fully penetrate the entire thickness of the aquifer. Hantush (1964) and Fetter (1988) note that in cases where the pumping well and observation wells are both partially penetrating, it is possible for a more distant well to have a greater drawdown than a closer well.

Therefore the aquifer test data indicate that the aquifer beneath the Project site is heterogeneous and the vertical flow of groundwater was different between OW-1 and OW-2 or the data is indicative of partially penetrating conditions.

### 4.4 Groundwater Geochemistry

One water sample was collected near the end of the pumping test from the effluent of the newly installed test well (well TW-1). The sample was analyzed for the water quality parameters shown on **Table J.3-3**. The analytical results from this sample is summarized in **Table J.3-6** and indicate the following:

- Total dissolved solids (TDS) concentration (2,170 milligrams per liter [mg/L]) exceeds the recommended standard of 500 mg/L for a drinking water resource in California. This value is comparable to historical TDS measurements in the Palo Verde Mesa Groundwater Basin, where TDS in groundwater has been recorded at concentrations ranging from 478 and 5,640 mg/L (**Figure J.3-8**).
- Fluoride concentration (1.3 mg/L) is below the State maximum containment level (MCL) of 2.0 mg/L for drinking water. The concentration of fluoride measured in the groundwater is comparable to the historical fluoride concentrations in the Palo Verde Mesa Groundwater Basin where fluoride has been measured at concentrations ranging between 0.6 to 3.4 mg/L (**Figure J.3-9**).
- Chloride concentration (370 mg/L) exceeds the State of California Secondary MCL of 250 mg/L for drinking water. This concentration is comparable to historical chloride measurements in the Palo

Verde Mesa Groundwater Basin, where chloride in groundwater has been measured at concentrations ranging from 110 to 2,400 mg/L (**Figure J.3-10**).

- Sulfate concentration (970 mg/L) exceeds the State Secondary MCL of 250 mg/L for drinking water. This value is comparable to historical sulfate concentrations measured in groundwater in the Palo Verde Mesa Groundwater Basin, where sulfate in groundwater has been recorded at concentrations ranging from 970 mg/L northeast of the BSPP to 94 mg/L southeast of the site (**Figure J.3-11**).
- Boron was reported in groundwater at 1.41 mg/L. This concentration exceeds the State of California Action Level for drinking water (1.0 mg/L). The concentration of boron in groundwater from the Project site is lower than the concentration of boron reported in historical groundwater samples from the Palo Verde Mesa Groundwater Basin, where boron was reported at concentrations ranging from 80 to 2,000 mg/L (**Figure J.3-12**).

With the exception of hexavalent chromium, no other inorganic constituent was reported in the groundwater sample from the Project site at concentrations exceeding the State of California drinking water standards. Hexavalent chromium was reported in the BSPP groundwater sample at 0.96 micrograms per liter (ug/L), which exceeds the California MCL of 0.06 ug/L (**Table J.3-6**). While hexavalent chromium was “seen” on the laboratory instrument above the method detection limit (MDL), the concentration should be considered an “estimate”, as the laboratory was not able to accurately quantify the compound concentration.

No organic chemicals were reported in the water sample from the Project site above their respective practical quantitation limits (PQLs). As summarized on **Table J.3-6**, no detectable concentrations of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), organochlorine pesticides (OCPs), organophosphorus pesticides (OPPs), chlorinated herbicides, or polychlorinated biphenyl (PCB) compounds were reported in the sample of groundwater from the site.

A copy of the laboratory’s certified analytical report on the groundwater sample from the Project site is provided in **Attachment J.3-F**.

## 5.0 Summary and Conclusions

A hydrogeologic investigation of aquifer properties, water quality, and stratigraphy was conducted for the Blythe Solar Power Project (BSPP or Project) at the Project site between September 20 and October 12, 2009. Because few wells have been drilled in the upper Palo Verde Mesa area where the BSPP site is located, little is known about the hydrogeology of this area. The objectives of this investigation were to:

- Obtain a better understanding of the hydrostratigraphy beneath the Project site;
- Assess the aquifer characteristics beneath the Project site as far as evaluating water supply well yield and efficiency;
- Evaluate the capacity of wells to meet the Project water supply requirements;
- Determine the hydraulic influence from pumping wells on the Project site;
- Evaluate the impacts from pumping; and
- Determine the water quality characteristics of groundwater beneath the Project site.

A single test well (well TW-1) and two observation wells (OW-1 and OW-2) were drilled and installed on the Project site in September 2009. As a result of the hydrogeologic investigation, it was determined that:

- Groundwater beneath the Project site occurs at a depth of about 195 feet bgs and thickness of saturated sediments beneath the site is unknown. The Colorado River Accounting Surface beneath the Project site is about coincident with the water table.
- Saturated sediments to a depth of 400 feet consist of predominantly very fine-grained sand. These sediments are likely to be the older and younger alluvium described by Metzger and others (1973) that are considered to be fluvial deposits of the Colorado River.
- Water quality data collected from the effluent generally meets State of California and Federal drinking water requirements with the exception of hexavalent chromium. Hexavalent chromium was reported in the BSPP groundwater sample at 0.96 ug/L, which exceeds the California MCL of 0.06 ug/L. While hexavalent chromium was “seen” on the laboratory instrument above the MDL, the concentration should be considered an “estimate”, as the laboratory was not able to accurately quantify the compound concentration. Except for hexavalent chromium, no other inorganic constituent was reported in the groundwater sample from the Project site at concentrations exceeding the State of California drinking water standards.
- No organic chemicals were reported in the water sample from the Project site above their respective PQLs. No detectable concentrations of VOCs, SVOCs, OCPs, OPPs), chlorinated herbicides, or PCB compounds were reported in the sample of groundwater from the site.

A pump test consisting of a step-drawdown and constant-rate discharge test was performed on TW-1 over a period of 53 hours in October 2009. A pump rate of 200 gpm was sustained over the 53-hour test with quasi-steady state conditions achieved at the end of pumping. As a result of the pump test, it was determined that:

- Aquifer transmissivity estimates were about 9,275 to 28,000 ft<sup>2</sup>/day.

- Aquifer storativity ranged from 0.023 to 0.00003567. In general, storativity values in the range of 10<sup>-3</sup> are indicative of unconfined aquifer conditions, whereas storativity values in the range of 10<sup>-5</sup> or lower are indicative of semi-confined to confined aquifers. The variation in the estimates could be a function of the partial penetration of the observation wells and variation beyond some of the bounding assumptions for application of the equations to estimate storage.
- Horizontal hydraulic conductivities ranged from 69.1 to 75.2 ft/day.
- Vertical hydraulic conductivity measured in soil samples from the saturated zone were 0.07 ft/day.
- The specific capacity was about 3 gpm/ft.

Water supply requirements during Project construction are estimated to be 692 gpm on average (1,300 gpm peak) whereas during project operation, water supply requirements would fall to an average of about 388 gpm (568 gpm peak) on an annual basis. Based on these supply requirements, Test Well TW-1 appears to be capable of supplying water to the project for about half of the average operational supply and less than one third the average construction water supply.

Additional exploration is needed to understand if there are more transmissive sediments below a depth of 400 feet. A second water supply well (TW-2) should be installed to a depth of at least 600 feet bgs. The well should be tested for capacity to meet the construction and operational supply (both average and peak). Depending on the specific capacity of the combined wells (TW-1 and TW-2) and transmissivity of the sediments below 400 feet, a determination can be made as to whether a third well (TW-3) will need to be installed to meet project water supply requirements.

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## Tables

**Table J.3-1 Historical Pumping Test Data – Palo Verde Mesa Area**

Well ID	Distance from BSPP Site	Well Owner or Name	Date of Pump Test	Yield/ Drawdown (gpm/ft)	Depth Interval Tested (ft, bgs)	Transmis- sivity (gpd/ft)	Transmis- sivity (ft <sup>2</sup> /day)	Indicated Avg Field Hydraulic Conductivity (gpd/ft <sup>2</sup> )	Geologic Source Unit
5S/22E-28C2	2.5 mi. northeast	U.S. Citrus Corp.	10/25/1962	1,450/?	270-358 382-600	64,000 8,576		210	Older Alluvium of Colorado R.
6S/22E-11H1	3.5 mi. east	H.M. Neighbour	6/18/1964	665/9	165-235	700,000	93,800	10,000	Older Alluvium of Colorado R.
6S/22E-15M1	2.5 mi. east	E. Weeks	6/12/1963	475/21	168-315	500,000	67,000	3,400	Older Alluvium of Colorado R.
6S/22E-32R1	2 mi. south-southeast	W. Passey	6/11/1963	650/66	120-123 402-408 479-488	420,000 56,280		NL	Older Alluvium of Colorado R.
6S/22E-35R2	4 mi. south-southeast	Southern Counties Gas Co.	10/23/1962	520/15 302-326		150,000	20,100	6,200	Older Alluvium of Colorado R.
6S/23E-24J1	11 mi. east	Clayton Ranch	7/8/1964	2,180/50	NL	1,900,000	254,600	NL	Younger Alluvium - basal gravel
6S/23E-29R1	8 mi. east	City of Blythe 8	10/23/1962	360/33	264-276 354-368	320,000 42,880		12,300	Older Alluvium of Colorado R.
6S/23E-32D1	8 mi. east	City of Blythe 9	10/23/1962	520/31	122-132 168-286	430,000 57,620		3,400	Younger Alluvium - basal gravel;

**Table J.3-1 Historical Pumping Test Data – Palo Verde Mesa Area**

Well ID	Distance from BSPP Site	Well Owner or Name	Date of Pump Test	Yield/ Drawdown (gpm/ft)	Depth Interval Tested (ft, bgs)	Transmissivity (gpd/ft)	Transmissivity (ft <sup>2</sup> /day)	Indicated Avg Field Hydraulic Conductivity (gpd/ft <sup>2</sup> )	Geologic Source Unit
									and Older Alluvium
6S/23E-32P1	8 mi. east	City of Blythe 1	10/23/1962	470/12	245-270 290-296	496,000 66,464		10,000	Older Alluvium of Colorado R.
6S/22E-4P1	2 mi. east	J.E. Mason	10/23/1962	100/1.6 NL		1,700,000	227,800	NL	Older Alluvium of Colorado R.
Notes: NL Not listed Source: Metzger and Others, 1973									

**Table J.3-2 Wells Used During the Pumping Test**

<b>Well ID</b>	<b>Well Diameter (inch)</b>	<b>Northing</b>	<b>Easting</b>	<b>Top of Casing Elevation (ft, msl)</b>	<b>Screened Interval (ft, bgs)</b>	<b>Distance from TW-1 (ft)</b>
TW-1	12	2192063.430	7024424.733	447.97	290 - 390	--
OW-1	2	2192082.725	7024287.361	448.68	198 - 248	150
OW-2	2	2192070.131	7024373.600	448.57	198 - 248	50
<b>Datum: NAD 83</b>						
Pumping Well: TW-1; Observation Wells: OW-1, OW-2						

**Table J.3-3 Water Quality Parameters Evaluated in Groundwater from the BSPP Site.**

<b>Analytical Parameter</b>	<b>Analytical Method (Aqueous)</b>	<b>Practical Quantitation Limit (mg/L)</b>
Volatile Organic Compounds (VOCs)	USEPA 8260B	0.005 -0.050
Total Petroleum Hydrocarbons (Gasoline-Diesel-Oil Range)	USEPA 8015B	0.05
TPH Petroleum Hydrocarbons (Fuel Finger Print)	USEPA 8015B	0.05
Semivolatile Organic Compounds (SVOCs)	USEPA 8270C	0.01 – 0.05
Organochlorine Pesticides (OCPs)	USEPA 8081A	0.00005 – 0.001
Organophosphorous Pesticides (OPPs)	USEPA 8141A	0.001 – 0.002
Chlorinated Herbicides	USEPA 8151A	0.001 – 0.002
Polychlorinated Biphenyl (PCB) Compounds	USEPA 8082	0.0005 – 0.001
Total Toxic Organic Halogens (TOX)	USEPA 9020B	0.05
CCR Title 22 – California Assessment Manual Metals (CAM) <sup>1.</sup>	USEPA 6010B, 7000A	0.002 – 0.02
Hexavalent Chromium	USEPA 7199	0.0005
Mercury	USEPA 7470A, 7471A	0.002
Chloride <sup>1.</sup>	USEPA 300.0	0.2
Fluoride <sup>1.</sup>	USEPA 300.0	0.1
Nitrate <sup>1.</sup>	USEPA 300.0	0.5
Nitrite <sup>1.</sup>	USEPA 300.0	0.5
Orthophosphate <sup>1.</sup>	USEPA 365.2	0.2
Phosphate <sup>1.</sup>	USEPA 365.2	0.03
Sulfate <sup>1.</sup>	USEPA 300.0	0.5
Sulfide (Total) <sup>1.</sup>	USEPA 376.2	0.04
Sulfide (Dissolved) <sup>1.</sup>	USEPA 376.2	0.04
Cyanide (Total) <sup>1.</sup>	USEPA 335.2 or 9010B/9014	0.01
Cyanide (Amenable) <sup>1.</sup>	USEPA 9010B/9014	0.01
Radionuclides (Gross Alpha) <sup>1.</sup>	USEPA 900	3 pCi/L
Calcium <sup>1.</sup>	USEPA 200.7 or 6010B	0.05
Sodium <sup>1.</sup>	USEPA 200.7 or 6010B	0.5

**Table J.3-3 Water Quality Parameters Evaluated in Groundwater from the BSPP Site.**

<b>Analytical Parameter</b>	<b>Analytical Method (Aqueous)</b>	<b>Practical Quantitation Limit (mg/L)</b>
Potassium <sup>1</sup> .	USEPA 200.7 or 6010B	0.5
Silica (Total) <sup>1</sup> .	USEPA 6010B or 9014	0.2
Silica (Reactive) <sup>1</sup> .	SM4500	0.2
Alkalinity (as CaCO <sub>3</sub> ) USEP	A 310.1	1
Ammonia (as N)	USEPA 350.3, SM4500	0.1
Biochemical Oxygen Demand (BOD) USEP	405.1, SM5210	5
Total Dissolved Solids (TDS)	USEPA 160.1, SM2540C	10
Total Hardness	USEPA 130.2	3.3
Total Organic Carbon (TOC)	USEPA 415.2, Walkely-Black	1
Total Suspended Solids (TSS)	USEPA 160.2, SM 2540D	5
Total Settleable Solids	USEPA 160.5	0.1
<p><b>Notes:</b>            Sample was analyzed both as filtered and unfiltered.            Samples for metals analysis were preserved in the field.            SM – Standard Methods            mg/L – milligram per liter            pCi/L – picocuries per liter</p>		

**Table J.3-4 Pumping Test Results**

Well Name	Pumping Rate (gpm)	Specific Capacity	Transmissivity		Hydraulic Conductivity	Storativity	Method of Analysis
			Pumping Test	Recovery Test			
			gpm/ft	ft <sup>2</sup> /day			
TW-1 200		3	10,000	14,000	--	--	manual curve-fitting (CJ)
OW-1 --		--	14,583	28,000	75.2	0.000023 <sup>1</sup> .	manual curve-fitting (CJ)
OW-1 --		--	16,260	--	--	0.00004255	AQTESOLV™ (CJ)
OW-1 --		--	16,680	--	--	0.00003567	AQTESOLV™ (Theis)
OW-1	-- --		-- 9,275		--	0.001183	AQTESOLV™ (Theis)
OW-2 --		--	13,462	28,000	69.1	0.023 <sup>1</sup> .	manual curve-fitting (CJ)
OW-2 --		--	13,960	--	--	0.0176	AQTESOLV™ (CJ)
OW-2 --		--	18,350	--	--	0.003165	AQTESOLV™ (Theis)
OW-2	-- --		-- 12,620		--	0.001697	AQTESOLV™ (Theis)

**Notes:**

CJ – The values were derived using Cooper-Jacob Method (see Attachment J3-E).

Theis -The values were derived using Theis Method (see Attachment J3-E).

Key:

ft<sup>2</sup>/day – feet squared per day

gpd/ft – gallons per day per foot of drawdown

gpm/ft – gallons per minute per foot of drawdown

gpm – gallons per minute

**Table J.3-5 Summary of Drawdown at the End of the Constant Rate Discharge Test**

Well name	Saturated Thickness <sup>1</sup> October 2009	Discharge Rate (gpm)	Static Water Level (ft)	Water level at end of pumping test (ft)	Drawdown at end of pumping test (ft)	Drawdown at end of recovery test (ft)	Percent Recovery
<b>Pumping Well TW-1</b>							
TW-1 194.81		200	195.19	259.32	64.13	2.59	96.0%
OW-1 <sup>2</sup> 42.45		--	195.55	193.31	2.24	2.27	103.6%
OW-2 <sup>3</sup> 42.24		--	195.76	194.11	1.65	2.31	140%
<p>Notes:</p> <p><sup>1</sup> – Saturated thickness based on water level measurements taken in October 2009. Saturated thickness is the distance between the water table and the bottom of the well.</p> <p><sup>2</sup> – Distance from OW-1 to pumping well TW-1 is 150 feet</p> <p><sup>3</sup> – Distance from OW-2 to pumping well TW-1 is 50 feet.</p> <p>Key:</p> <p>ft = Feet</p> <p>gpm = Gallons per minute</p> <p>TW – Test Well</p> <p>OW – Observation well</p>							

**Table J.3-6 Summary of Water Quality Data Collected During the Pumping Tests**

CHEMICAL GROUP	ANALYTE <sup>1</sup>	ANALYTICAL METHOD	UNITS	WELL 5S/17E-33N001	WATER QUALITY STANDARDS <sup>3</sup>		
					California	Federal	
				Sample Date			
				9/22/2009	MCL	MCL	RSL
Volatile Organic Compounds (VOCs)	No analytes reported above practical quantitation limits (PQLs)						
Semivolatile Organic Compounds (SVOCs)	No analytes reported above practical quantitation limits (PQLs)						
	TPH as Gasoline	EPA 8015B (M)	ug/L	ND<50	--	--	--
	TPH as Diesel <sup>5</sup>	EPA 8015B (M)	ug/L	ND<50	--	--	--
	TPH as Motor Oil	EPA 8015B (M)	ug/L	ND<250	--	--	--
Organochlorine Pesticides	No analytes reported above practical quantitation limits (PQLs)						
Organophosphorous Pesticides	No analytes reported above practical quantitation limits (PQLs)						
Chlorinated Herbicides	No analytes reported above practical quantitation limits (PQLs)						
Polychlorinated Biphenyls	No analytes reported above practical quantitation limits (PQLs)						
METALS <sup>2</sup>	Antimony EPA	6010B	mg/L	ND<0.015	0.006	0.006	0.015
Arsenic		EPA 6010B	mg/L	ND<0.01	0.01	0.01	0.00045
Barium		EPA 6010B	mg/L	0.0165	1	2	2.6

**Table J.3-6 Summary of Water Quality Data Collected During the Pumping Tests**

CHEMICAL GROUP	ANALYTE <sup>1</sup>	ANALYTICAL METHOD	UNITS	WELL 5S/17E-33N001	WATER QUALITY STANDARDS <sup>3</sup>		
Beryllium		EPA 6010B	mg/L	ND<0.001	0.004	0.004	0.073
Boron		EPA 6010B	mg/L	1.41	--	--	7.3
Cadmium		EPA 6010B	mg/L	ND<0.005	0.005	0.005	0.018
Chromium		EPA 6010B	mg/L	ND<0.005	0.05	0.1	55
Chromium,	Hexavalent <sup>4</sup>	EPA 7199	ug/L	0.96J	0.06	--	--
Cobalt		EPA 6010B	mg/L	ND<0.005	--	--	0.011
Copper		EPA 6010B	mg/L	0.00955	1.3	1.3	1.5
Iron		EPA 6010B	mg/L	0.0123	0.3	0.3	26
Lead	<sup>6</sup>	EPA 6010B	mg/L	ND<0.01	0.015	0.015	--
Manganese		EPA 6010B	mg/L	ND<0.005	0.05	0.05	0.88
Molybdenum		EPA 6010B	mg/L	0.0308	--	--	0.18
Mercury		EPA 7470A	mg/L	ND<0.0005	0.002	0.002	0.011
Nickel		EPA 6010B	mg/L	ND<0.005	0.1	--	0.73
Selenium		EPA 6010B	mg/L	ND<0.015	0.05	0.05	0.18
Silicon		EPA 6010B	mg/L	9.67	--	--	--
Silver		EPA 6010B	mg/L	ND<0.005	0.1	0.1	0.18
Thallium		EPA 6010B	mg/L	ND<0.015	0.002	0.002	0.0024
Vanadium		EPA 6010B	mg/L	0.00515	--	--	0.18
Zinc		EPA 6010B	mg/L	0.235	5	5	11
MAJOR CATIONS <sup>2</sup>	Calcium EPA	6010B	mg/L	287	--	--	--
Magnesium		EPA 6010B	mg/L	29.6	--	--	--
Potassium		EPA 6010B	mg/L	407	--	--	--
Sodium		EPA 6010B	mg/L	457	--	--	--
MAJOR ANIONS <sup>2</sup>	Chloride	SM 4500 F-C	mg/l	370	250-500	250	--

**Table J.3-6 Summary of Water Quality Data Collected During the Pumping Tests**

CHEMICAL GROUP	ANALYTE <sup>1</sup>	ANALYTICAL METHOD	UNITS	WELL 5S/17E-33N001	WATER QUALITY STANDARDS <sup>3</sup>		
	Fluoride	SM 4500 F-C	mg/l	1.3	2	4	2.2
	Nitrate (as N)	SM 4500 NO <sub>3</sub>	mg/l ND	<0.01	10	10	10
	Nitrite (as N)	SM 4500 NO <sub>2</sub>	mg/l 0.6		1	1	1
Sulfate		ASTM D516-02	mg/l	970	250-500	250	--
<b>GENERAL WATER CHEMISTRY<sup>2</sup></b>							
	Alkalinity, Total (as CaCO <sub>3</sub> )	SM 2320B	mg/L	34	--	--	--
	Hardness, Total	SM 2340 C	mg/L	800	--	--	--
Solids	, Total Dissolved (TDS)	SM 2540 C	mg/L	2170	500-1,000	500	--
Solids	, Total Suspended (TSS)	SM 2540 D	mg/L	ND<1	--	--	--
	Solids, Settleable	SM 2540 F	mL/L/hr	ND<0.01	--	--	--
	Carbon, Total Organic (TOC)	SM 5310 D	mg/L	ND<0.5	--	--	--
Halides,	Total Organic (TOX)	EPA 9020B	mg/L	ND<0.0034	--	--	--
	Phosphate, Total	SM 4500 P B/E	mg/L	ND<0.31			
	o-Phosphate (as P)	SM 4500 P B/E	mg/L	ND<0.1	--	--	--
	Sulfide, Dissolved	SM 4500 S2 - D	mg/L	ND<0.05	--	--	--
	Sulfide, Total	SM 4500 S2 - D	mg/L	ND<0.05	--	--	--
	Cyanide, Total	SM 4500-CN E	mg/L	ND<0.05	0.15	0.2	--
	Cyanide, Amenable	SM 4500-CN G	mg/L	ND<0.05	--	--	--
	Ammonia (as N)	SM 4500-NH3 B/C	mg/L ND	<0.1	--	--	--
Biochemical	Oxygen Demand	SM 5210 B	mg/L	ND<1	--	--	--
	Reactive Silica as SiO <sub>2</sub>	SM 4500-SiO <sub>2</sub>	mg/L 15		--	--	--
Gross	Alpha Particle Activity <sup>7</sup>	SM 7110C	pCi/L	10.6	15	15	--

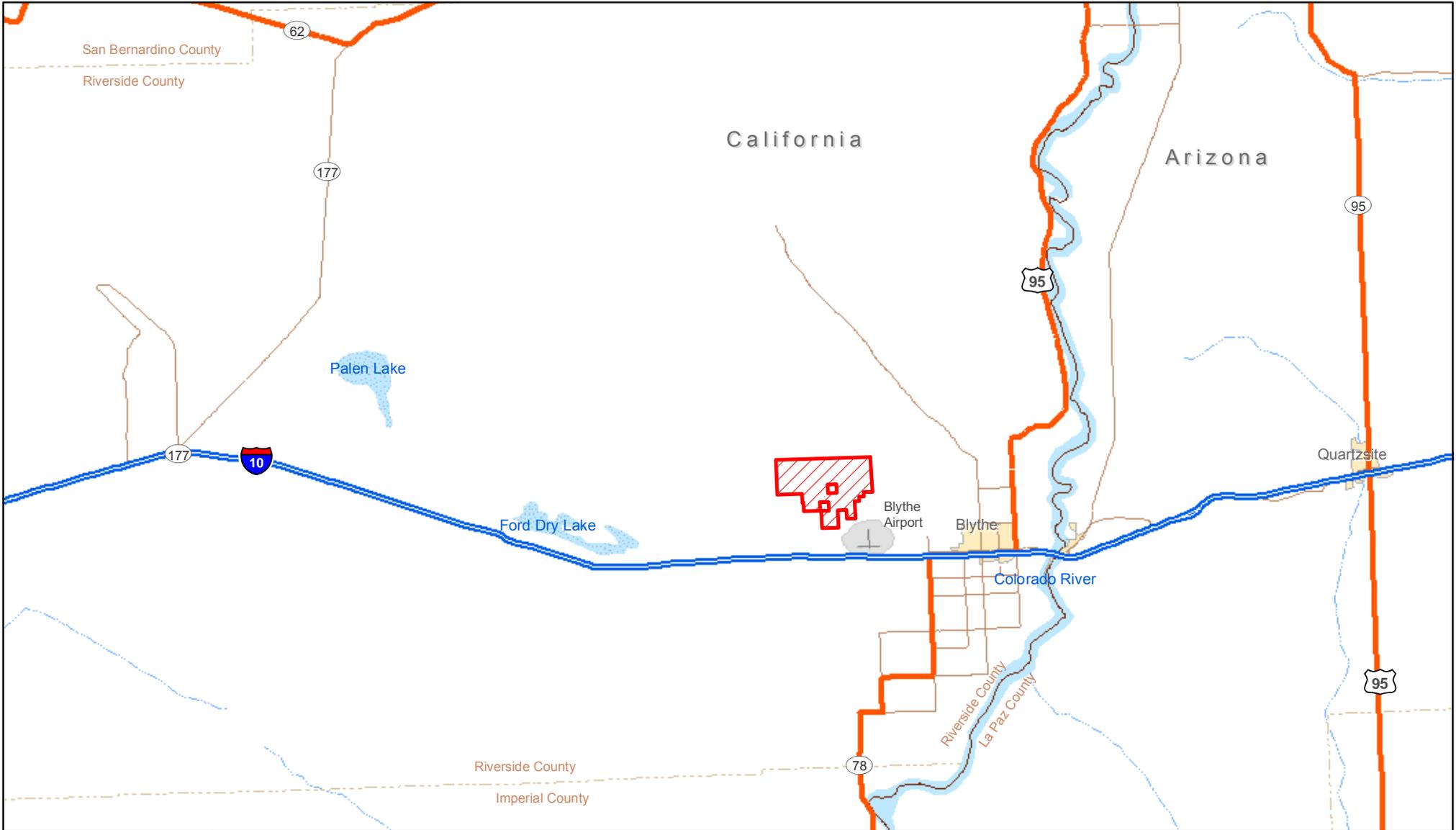
**Table J.3-6 Summary of Water Quality Data Collected During the Pumping Tests**

CHEMICAL GROUP	ANALYTE <sup>1</sup>	ANALYTICAL METHOD	UNITS	WELL 5S/17E- 33N001	WATER QUALITY STANDARDS <sup>3</sup>
NOTES					
1	Only the analytes reported above the practical quantitation limit were reported. See attached for the certified analytical laboratory reports and chain-of-custody documentation.				
2	Analyte concentrations reported in BOLD are above any one of the numerical water quality criteria.				
3	Water quality data provided assuming a drinking water resources (i.e., State of California and Federal MCL values) or a USEPA Remedial Screening Level. Secondary MCL for a rinking water (i.e., "Consumer Acceptance Levels"). Secondary MCLs shall be monitored in water supplied to the public.				
4	A separate California MCL for hexavalent chromium has not been established (OHHEA proposed a public health goal of 0.06 ug/L, which is shown for reference).				
5	Low concentrations of diesel-range hydrocarbons (C <sub>7</sub> to C <sub>10</sub> ) were reported in the sample at concentrations ranging from 7 to 18 ug/L. The presence of these compounds is anomalous and is thought to be the result of sampling through a tap at the well head exposing the sample to exhaust from the adjacent to the diesel generator.				
6	The practical quantitation limit for USEPA method 6010B for lead is elevated above the state and federal standards.				
7	Gross Alpha counting error +/- 1.3 Gross Alpha MDA <sub>95</sub> - 0.343				
ACRONYMS and DEFINITIONS					
ASTM	American Standards Testing and Materials				
J	Estimated value. Concentration detected between the practical quantitation limit and method detection limit.				
MCL	Maximum containmant level for a drinking water resource (primary or secondary). References as follows:				
	a.) State of California, Title 22 CCR, Article 5.5, Section 64444 (Table 64444-A) - Maximum Contaminant Levels - Organic Compounds for Public Water Systems				
	b.) State of California, Title 22 CCR, Article 4, Section 64431 (Table 64431-A) - Maximum Contaminant Levels - Inorganic Chemicals for Public Water Systems				
	c.) State of California, Title 22 CCR, Article 16, Section 64449 (Table 64449 A/B) - Secondary Maximum Contaminant Levels - Consumer Acceptance Contaiminant Level Ranges				
	d.) 40CFR, Part 141 - National Primary Drinking Water Standards, Section 141.11 - Maximum Contaminant Levels for Inorganic Chemicals				
	e.) 40CFR, Part 141 - National Primary Drinking Water Standards, Section 141.61 - Maximum Contaminant Levels for Organic Chemicals				
	f.) 40CFR, Part 141 - National Primary Drinking Water Standards, Section 14.3 - Secondary Maximum Contaminant Levels				
mg/L	milligrams per liter				
mL/L/hr	milliliters per liter per hour				

**Table J.3-6 Summary of Water Quality Data Collected During the Pumping Tests**

<b>CHEMICAL GROUP</b>	<b>ANALYTE<sup>1</sup></b>	<b>ANALYTICAL METHOD</b>	<b>UNITS</b>	<b>WELL 5S/17E- 33N001</b>	<b>WATER QUALITY STANDARDS<sup>3</sup></b>
pCi/L	picocuries per liter				
ND <50	Not Detected at the practical quantitation limit shown				
PQL	Practical quantitation limit				
RSL	Regional Screening Level (USEPA Region IX - April 2009)				
SM	Standard Methods				
SVOC	Semivolatile organic compounds				
TDS	Total Dissolved Solids				
TOC Total	Organic Carbon				
TSS Totals	Suspended Solids				
TOX Total	Organic Halides				
VOC	Volatile organic compounds				
EPA	United States Environmental Protection Agency				
ug/L	micrograms per liter				
--	Not reported or no standard reported in available references				

## Figures



**Legend**  
[Red hatched box] Project Right-of-Way

0 2 4 6 8  
Miles

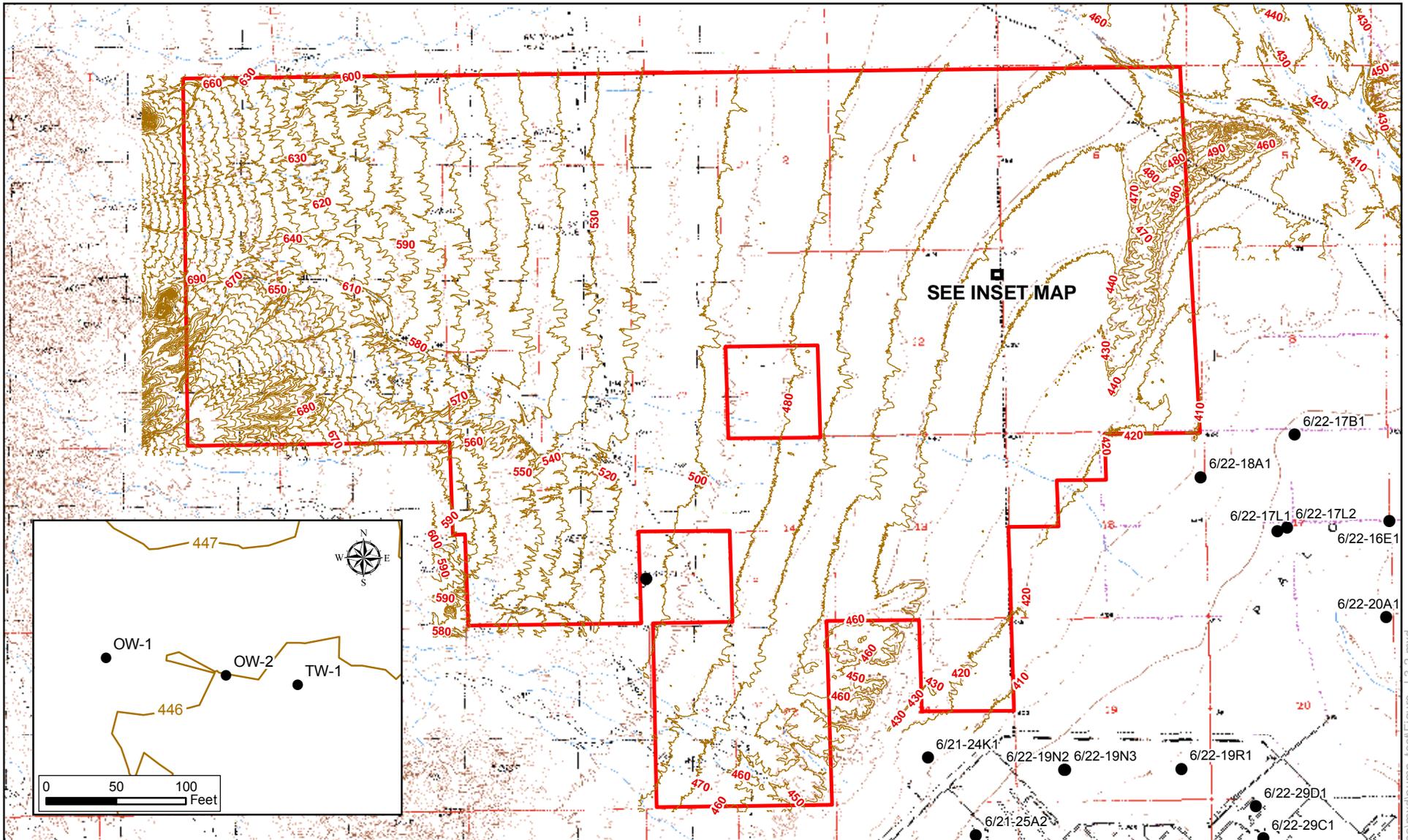
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**Blythe Solar Power Plant**  
**Figure J.3-1**  
**Regional and Vicinity Map**

**Solar Millennium**

**AECOM**

Project: 60139695  
Date: January 2010



- Legend**
- Project Right-of-Way
  - Freeway
  - 540- Topographic Contour (10-ft interval) feet msl
  - Groundwater Well

Data Sources:  
 Topographic Contours from Towill 2009  
 USGS 7.5 Minute Quadrangles,  
 McCoy Peak and McCoy Wash, CA



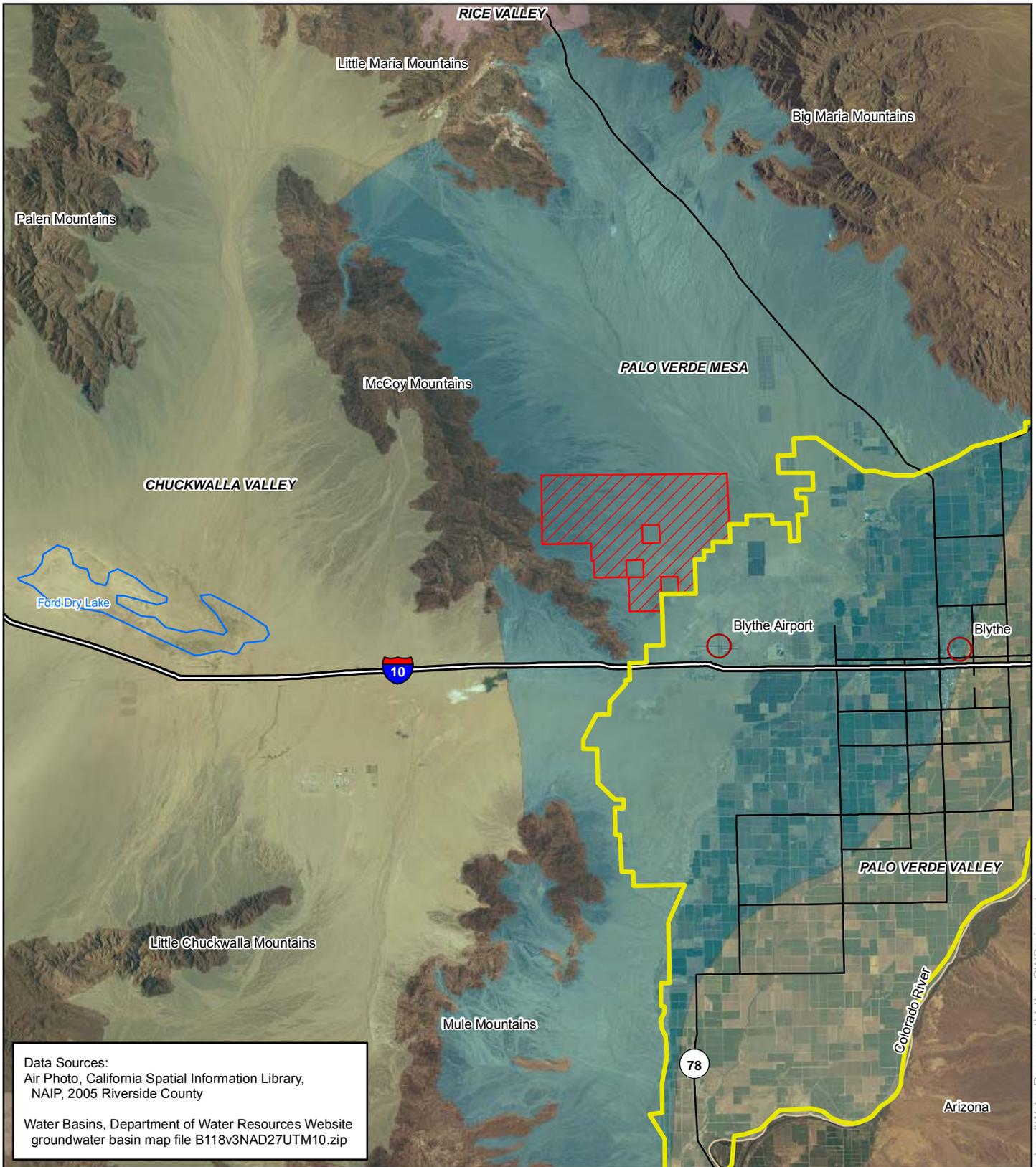
**Blythe Solar Power Project**

**Figure J.3-2  
 Well Location and  
 Site Topography Map  
 (Updated AFC Figure 5.17-2)**



Project: 60139695  
 Date: January 2010

J:\GIS\Projects\SolarMillennium\Blythe.mxd\pump\_test\Figure\_J.3.2.mxd



Data Sources:  
 Air Photo, California Spatial Information Library,  
 NAIP, 2005 Riverside County

Water Basins, Department of Water Resources Website  
 groundwater basin map file B118v3NAD27UTM10.zip



**Legend**

- Project Right-of-Way
- Geographic/Cultural Area of Interest
- Freeway
- Highway / Major Road
- Palo Verde Mesa Groundwater Basin (Adjacent basins shown with different colors)
- Palo Verde Irrigation District Boundary

1 in = 4 miles

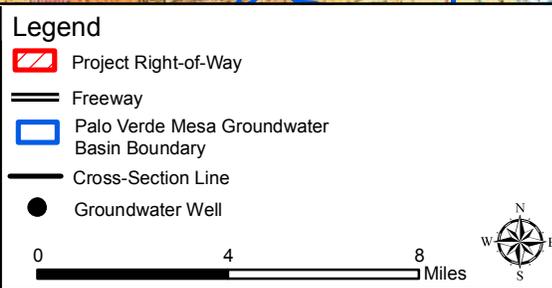
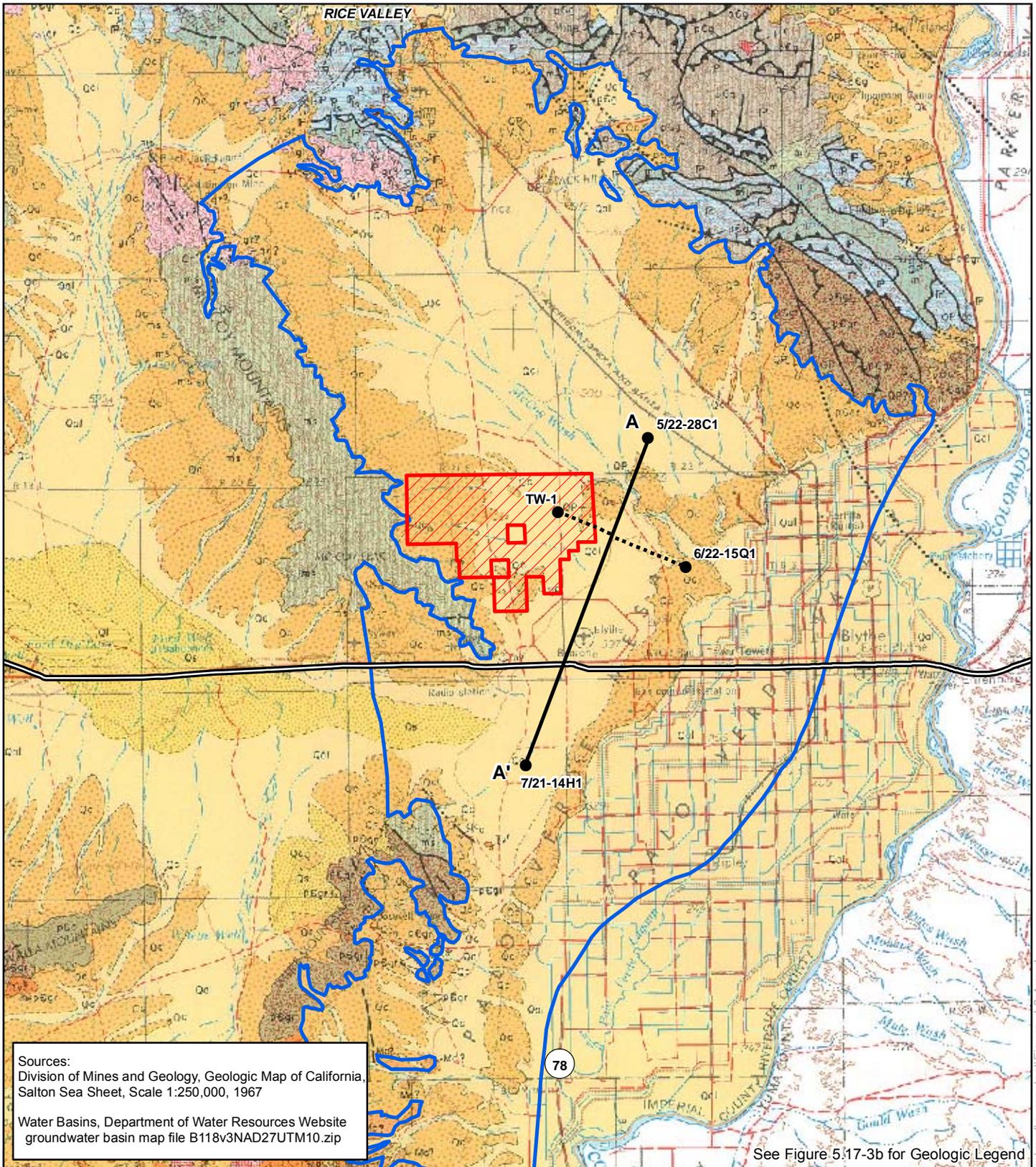
0 4 8 Miles

**Blythe Solar Power Project**

**Figure J.3-3  
 Palo Verde Mesa Groundwater Basin and Regional Physiographic Features (Updated AFC Figure 5.17-1)**

Project: 6013969  
 Date: January 2010

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**Blythe Solar Power Project**

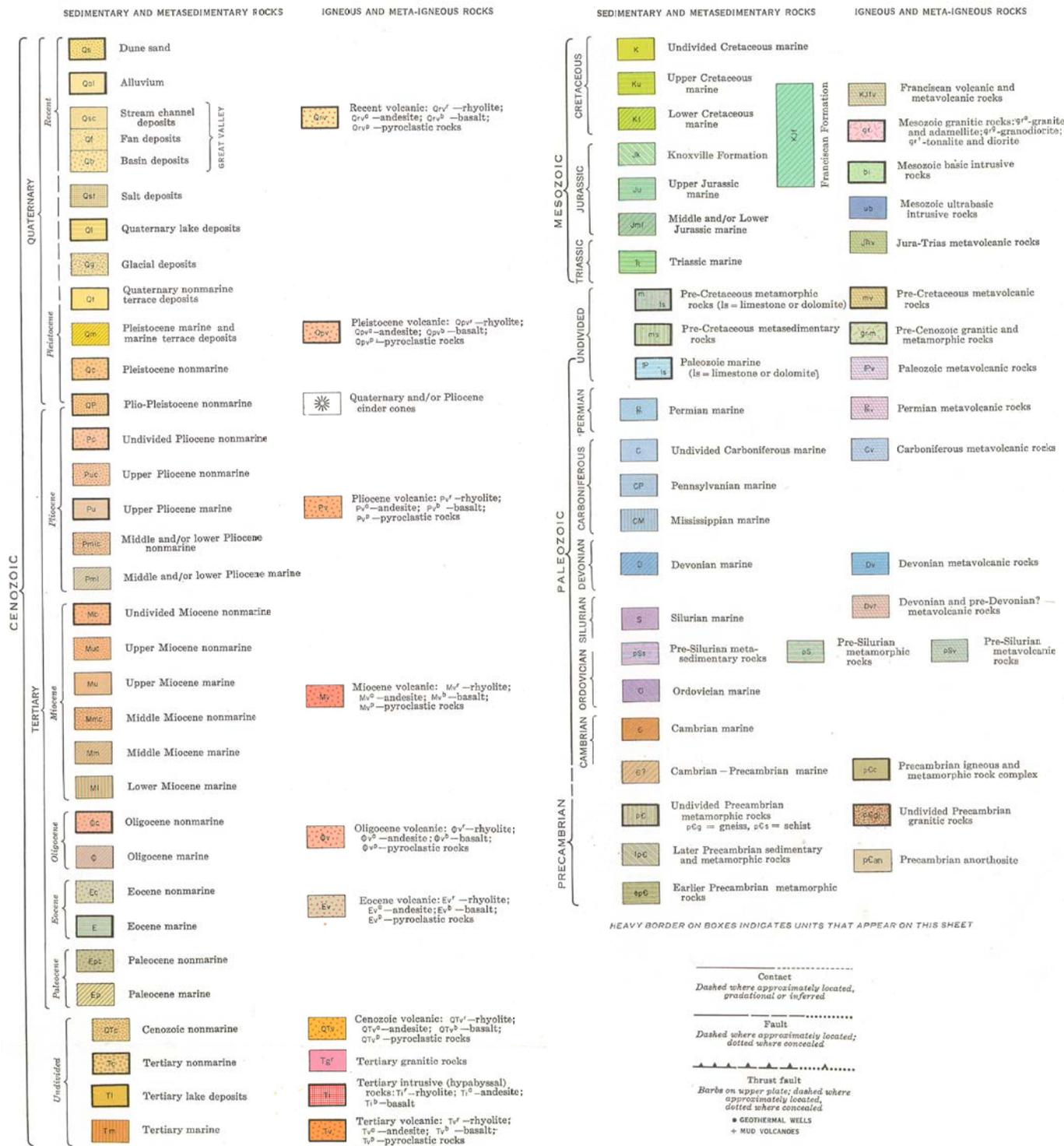
**Figure J.3-4a**  
**Regional Geologic Map and Cross Section Location**  
**Updated AFC Figure 5.17-3a**

**Solar Millennium**

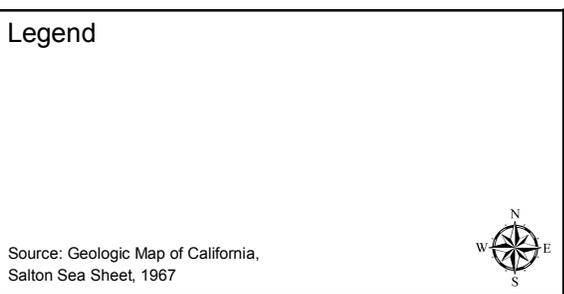
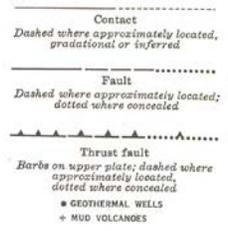
**AECOM**

Project: 60139695  
 Date: January 2010

EXPLANATION



HEAVY BORDER ON BOXES INDICATES UNITS THAT APPEAR ON THIS SHEET



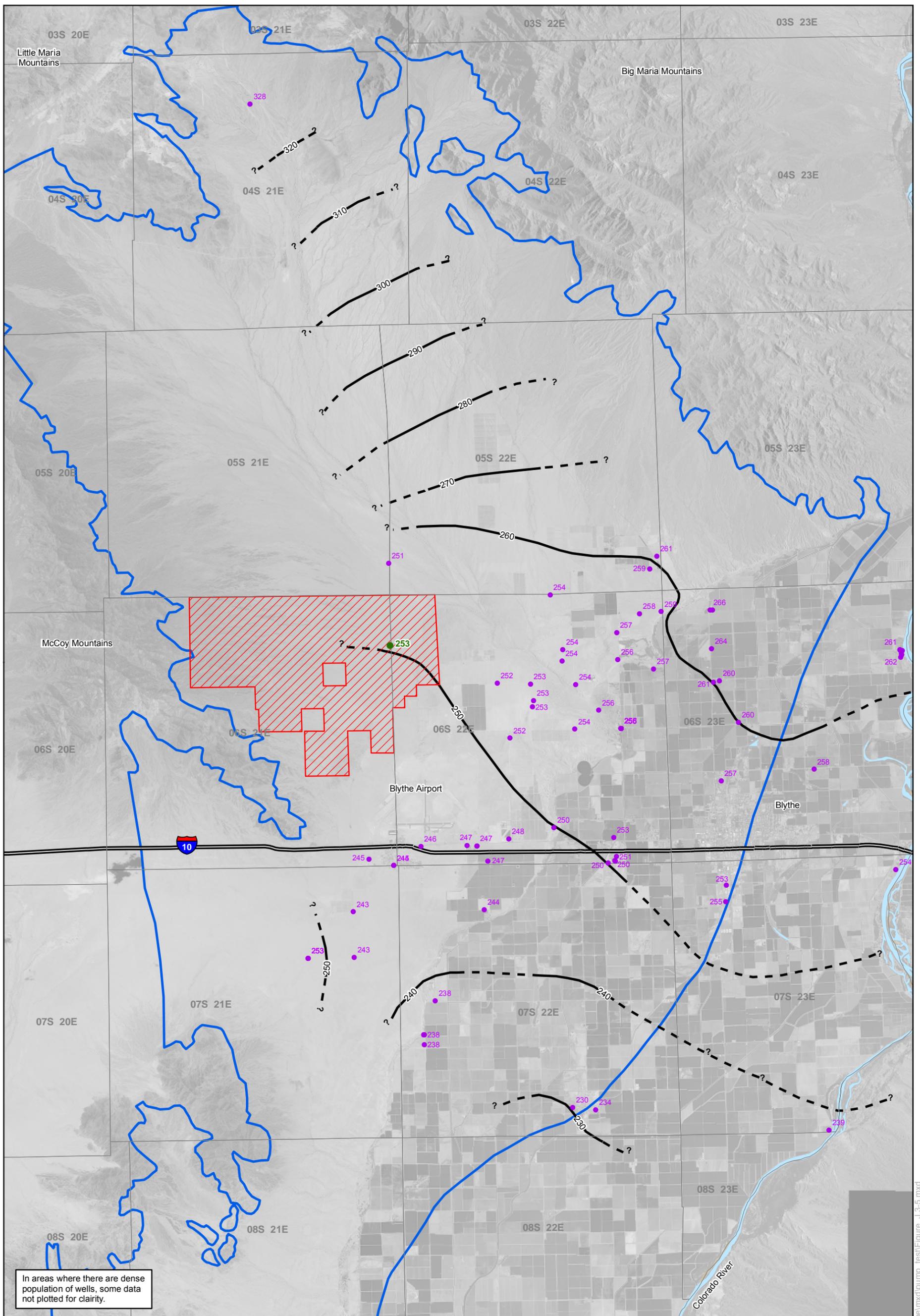
Blythe Solar Power Project

Figure J.3-4b  
Regional Geologic Map Legend  
(AFC Figure 5.17-3b)

Solar Millennium

AECOM

Project: 60139695  
Date: January 2010



In areas where there are dense population of wells, some data not plotted for clarity.



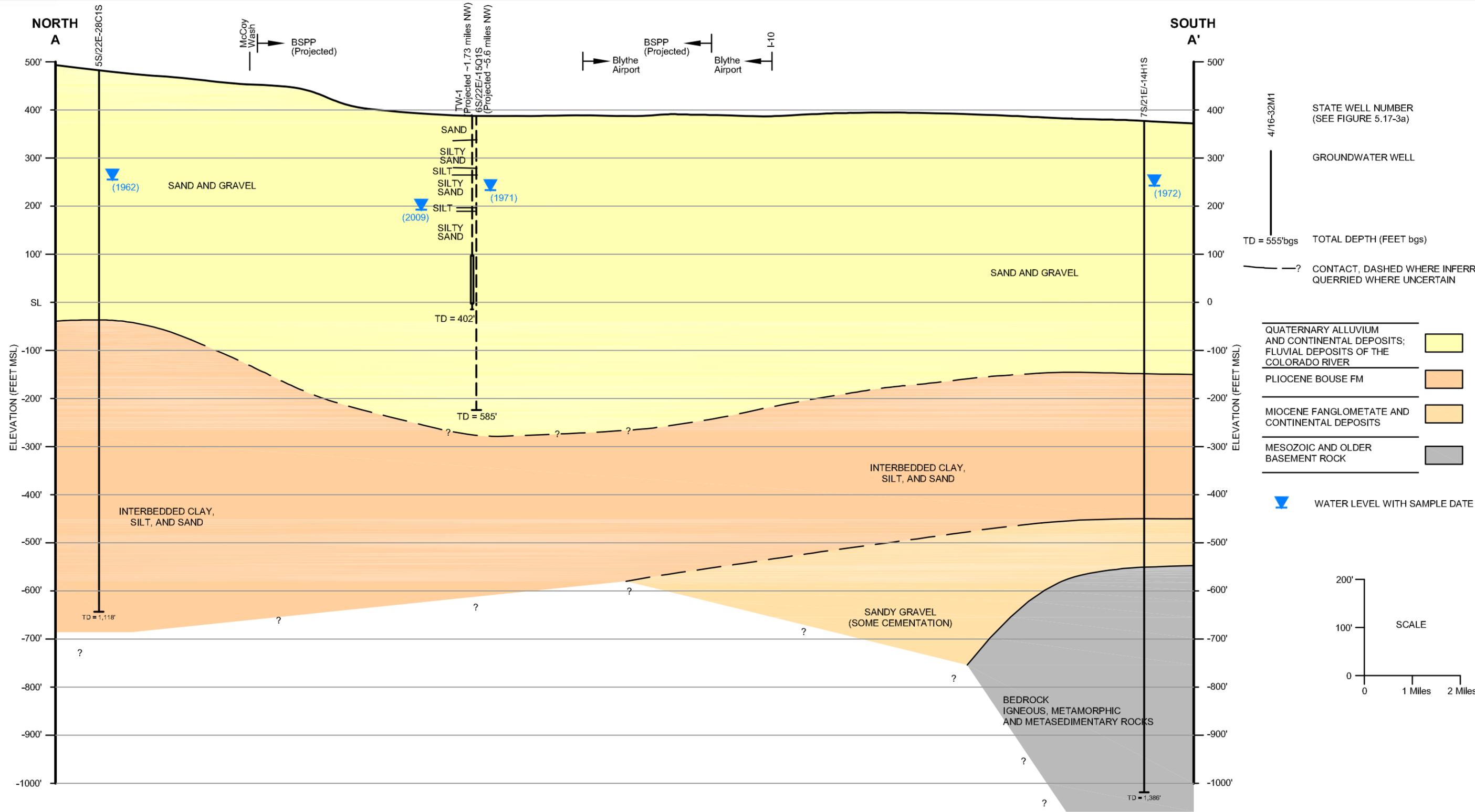
Legend	
	2000 Groundwater Contour Dashed where inferred, Queried where uncertain
	2000 Groundwater Elevation (feet, msl)
	2009 Groundwater Elevation (feet, msl)
	Freeway
	Highway / Major Road
	Palo Verde Mesa Groundwater Basin Boundary
	Project Right-of-Way

0 2 4 Miles

**Blythe Solar Power Project**

**Figure J.3-5**  
**Water Level Contour Map**  
**(Updated AFC Figure 5.17-7)**

Project: 60139695  
Date: January 2010



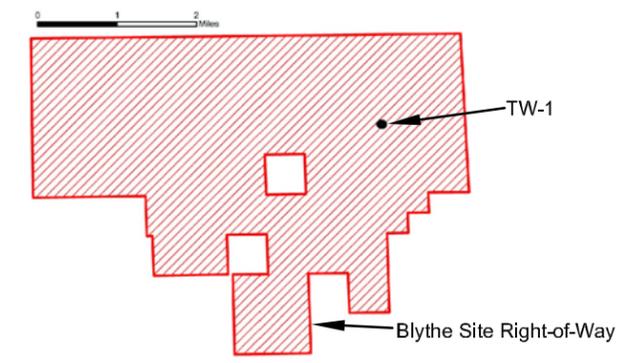
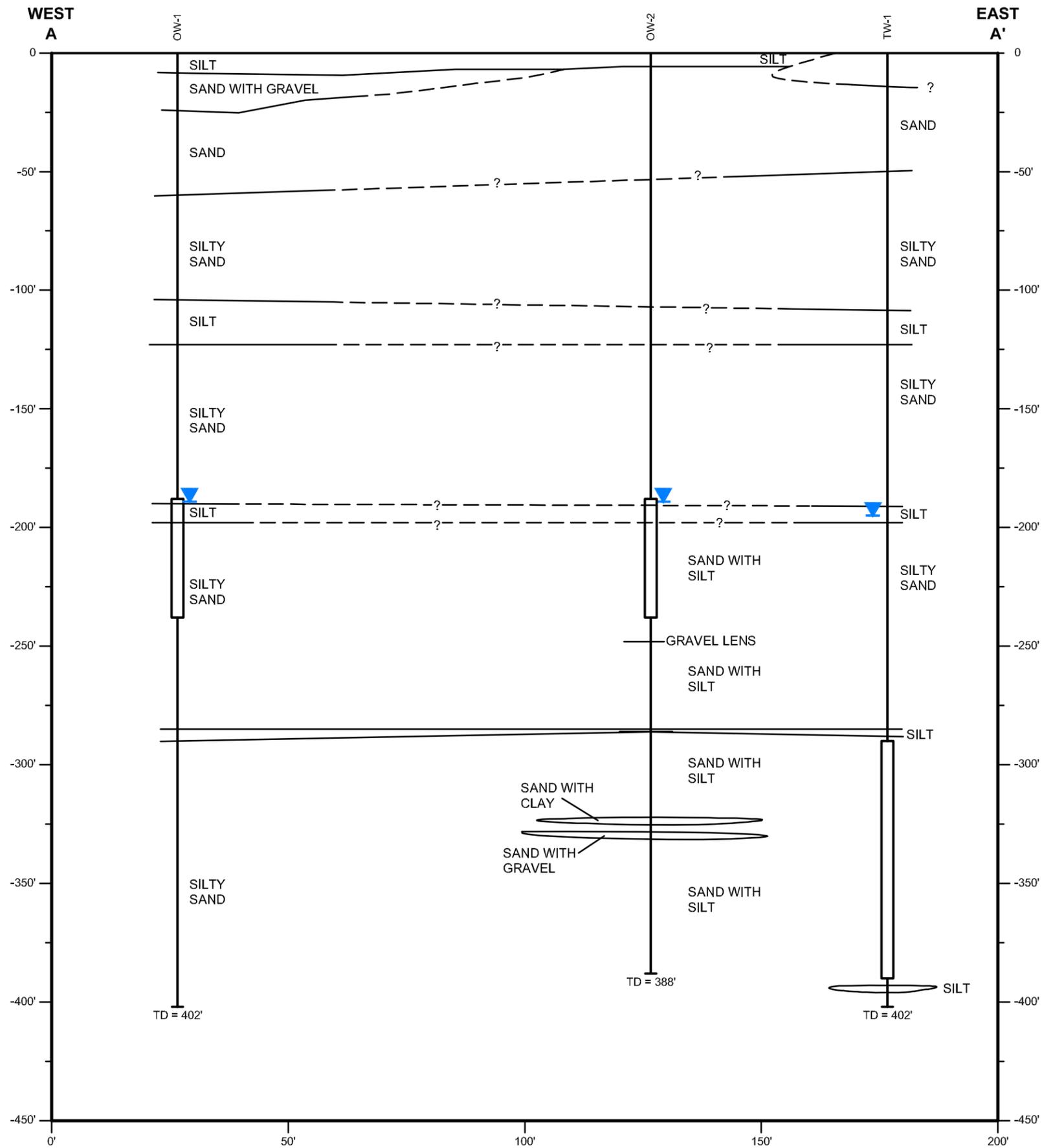
**Blythe Solar Power Project**



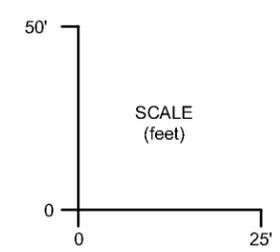
**Figure J.3-6a  
Geologic Cross-Section A-A'  
Palo Verde Mesa  
(Updated AFC Figure 5.17-5)**



Project: 60139695  
Date: JANUARY 2010



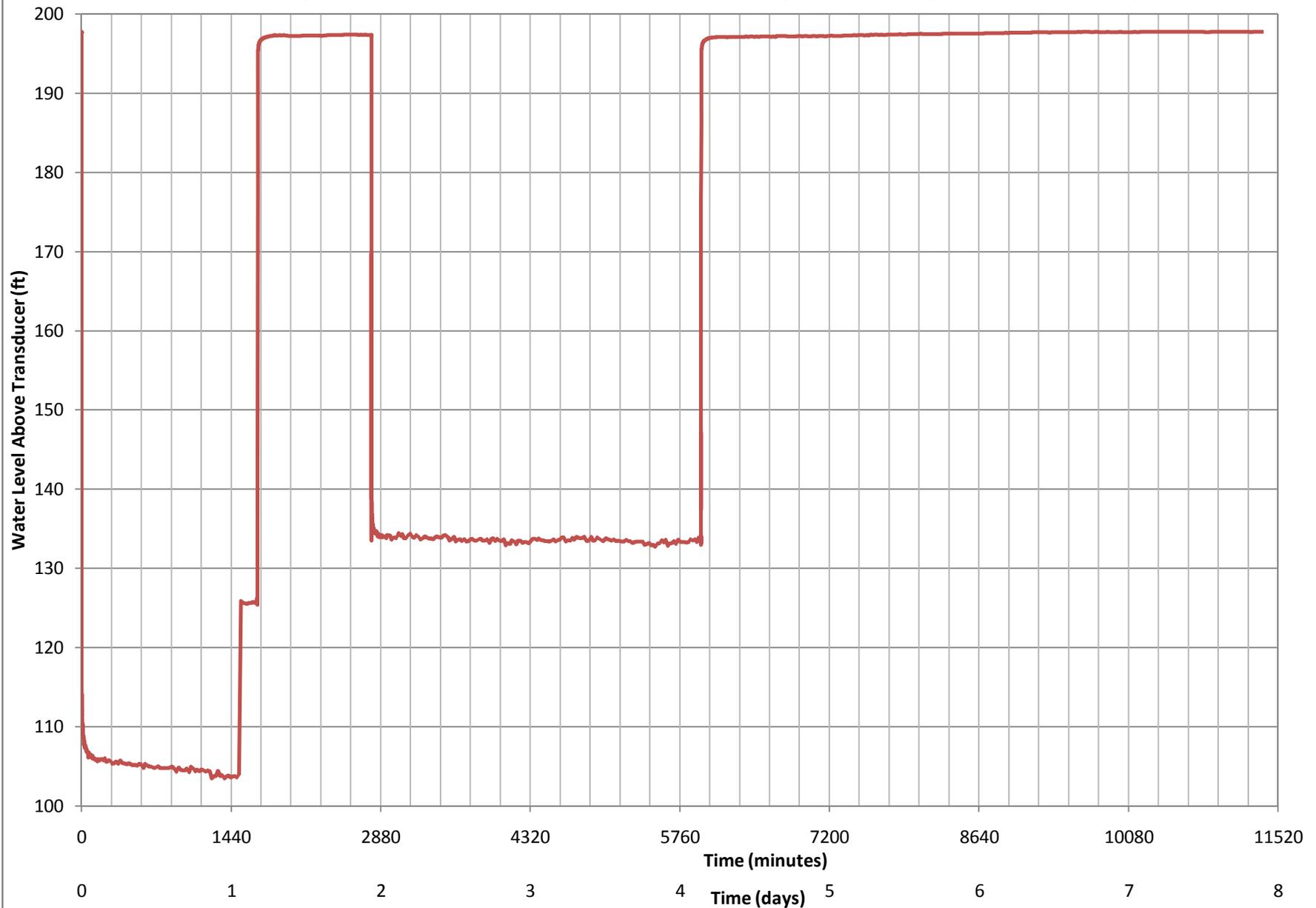
- GROUNDWATER WELL
- SCREEN INTERVAL
- TD = 402' bgs TOTAL DEPTH (FEET bgs)
- CONTACT, DASHED WHERE INFERRED  
QUERRIED WHERE UNCERTAIN
- TW-1 PUMPING WELL
- OW-2 OBSERVATION WELL
- WATER LEVEL



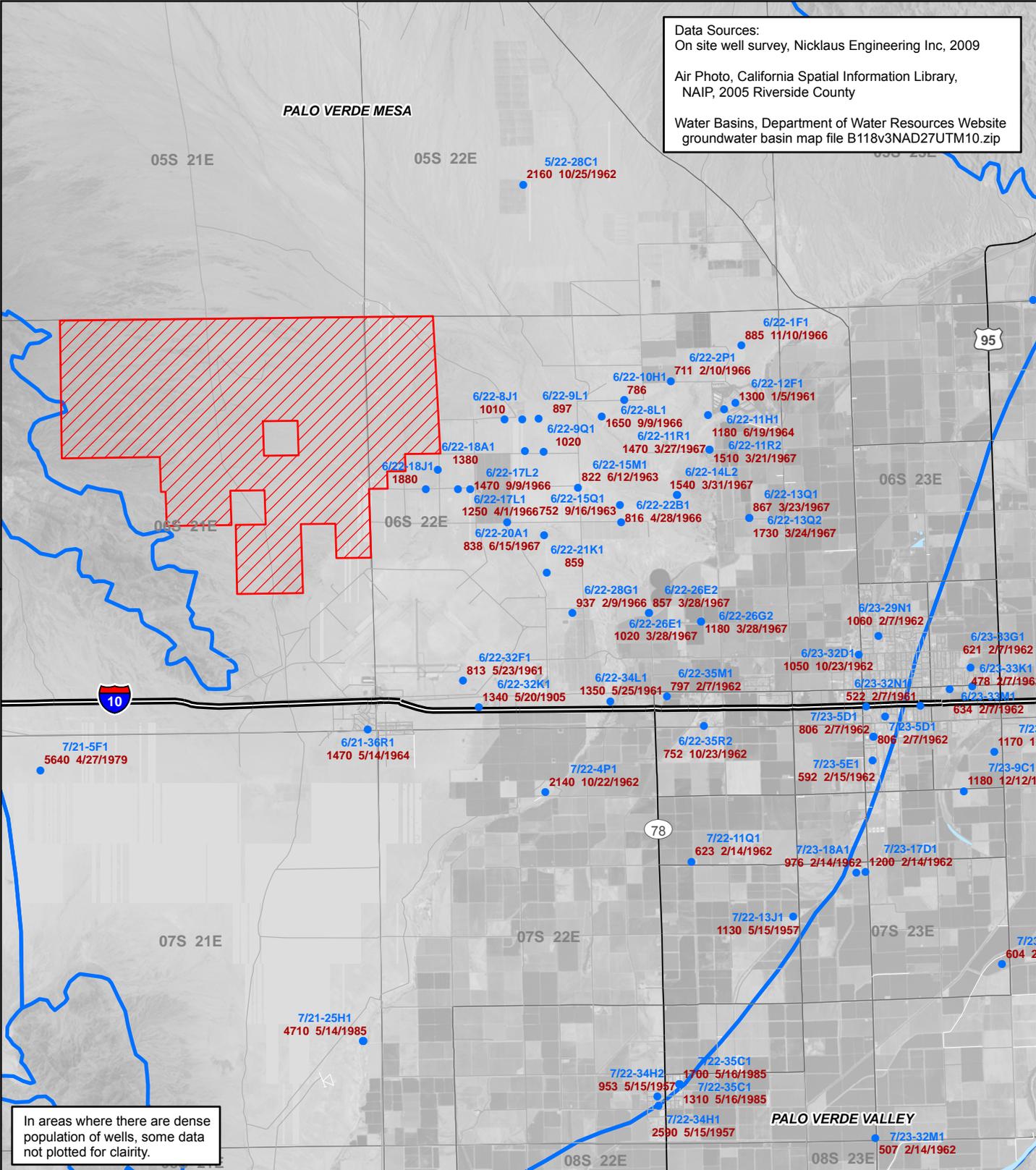
Note:  
Stratigraphy and correlations were based on the 16-inch normal and 64-inch electric logs, S-P logs, natural gamma logs for TW-1 and OW-1 and the boring logs for TW-1, OW-1 and OW-2. Geophysical borehole logging was not performed for OW-2.

<p>Map Location</p>	<p><b>Blythe Solar Power Project</b></p>	
	<p><b>Figure J.3-6b Geologic Cross-Section B-B' On BSPP Site</b></p>	
	<p>Project: 60139695 Date: JANUARY 2010</p>	

Figure J.3-7. Water Level Drawdown in TW-1 During Pump Test, Blythe Solar Power Project



Data Sources:  
 On site well survey, Nicklaus Engineering Inc, 2009  
 Air Photo, California Spatial Information Library,  
 NAIP, 2005 Riverside County  
 Water Basins, Department of Water Resources Website  
 groundwater basin map file B118v3NAD27UTM10.zip



In areas where there are dense population of wells, some data not plotted for clarity.



**Legend**

- Project Right-of-Way
- Palo Verde Mesa Groundwater Basin
- Freeway
- Highway / Major Road
- Test Well  
Installed September 2009
- Groundwater Well
- State Well Number and TDS Concentration (in mg/L) and Sample Date

1 in = 2 miles

0 1 2 Miles

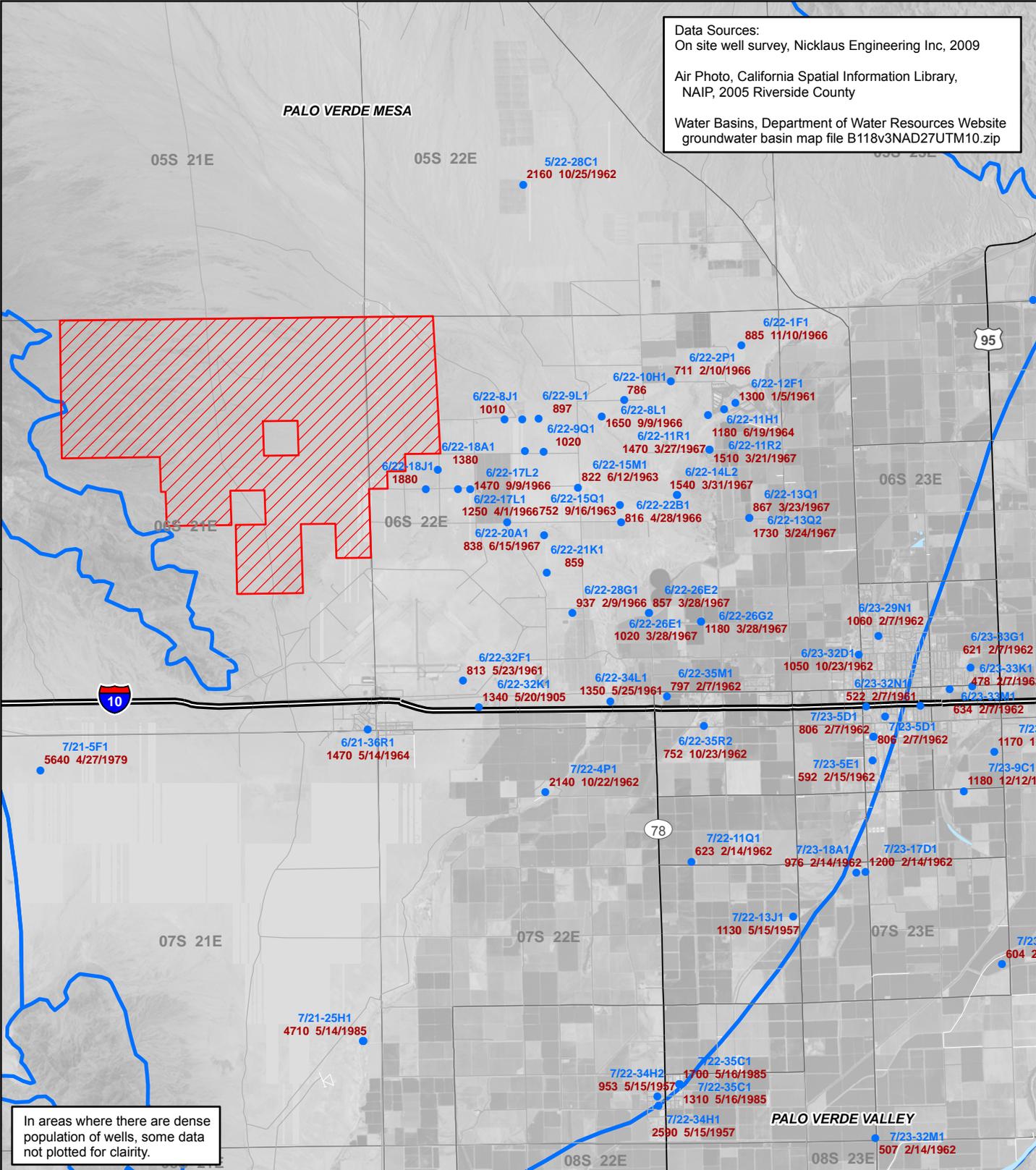
**Blythe Solar Power Project**

**Figure J.3-8  
 TDS Concentrations  
 in Groundwater  
 Palo Verde Mesa  
 Groundwater Basin  
 (Updated AFC Figure 5.17-10)**

Project: 60139695  
 Date: January 2010

J:\GIS\Projects\SolarMillennium\Blythe.mxd\Water Resources\bythe\_TDS.mxd

Data Sources:  
 On site well survey, Nicklaus Engineering Inc, 2009  
 Air Photo, California Spatial Information Library,  
 NAIP, 2005 Riverside County  
 Water Basins, Department of Water Resources Website  
 groundwater basin map file B118v3NAD27UTM10.zip



In areas where there are dense population of wells, some data not plotted for clarity.



**Legend**

- Project Right-of-Way
- Palo Verde Mesa Groundwater Basin
- Freeway
- Highway / Major Road
- Test Well  
Installed September 2009
- Groundwater Well
- State Well Number and Fluoride Concentration (in mg/L) and Sample Date

1 in = 2 miles

0 1 2 Miles

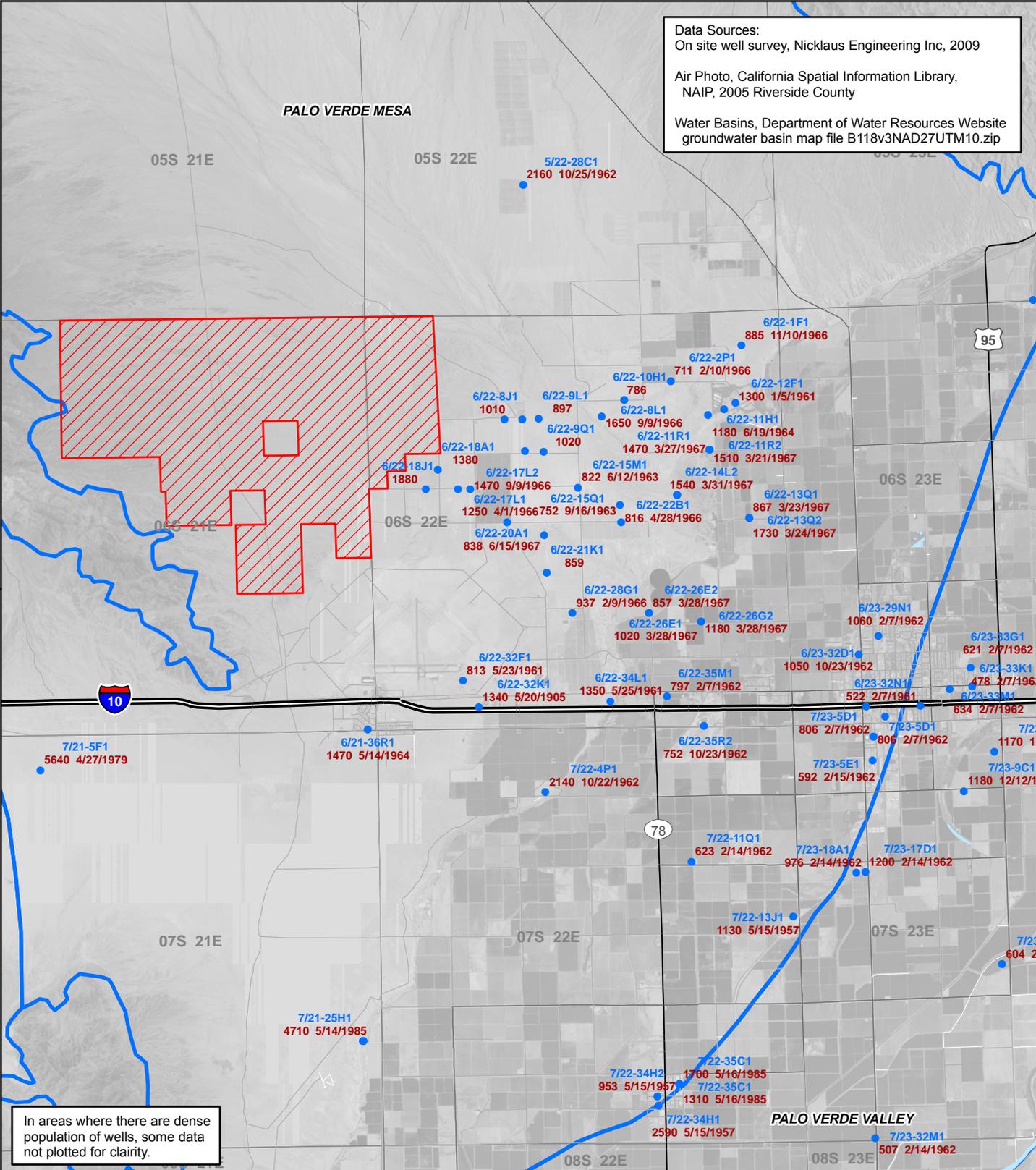
**Blythe Solar Power Project**

**Figure J.3-9  
 Fluoride Concentrations  
 in Groundwater  
 Palo Verde Mesa  
 Groundwater Basin  
 (Updated AFC Figure 5.17-11)**

Project: 60139695  
 Date: January 2010

J:\GIS\Projects\SolarMillennium\Blythe.mxd\Water Resources\Figure J-3B-Fluoride.mxd

Data Sources:  
 On site well survey, Nicklaus Engineering Inc, 2009  
 Air Photo, California Spatial Information Library,  
 NAIP, 2005 Riverside County  
 Water Basins, Department of Water Resources Website  
 groundwater basin map file B118v3NAD27UTM10.zip



In areas where there are dense population of wells, some data not plotted for clarity.



**Legend**

- Project Right-of-Way
- Palo Verde Mesa Groundwater Basin
- Freeway
- Highway / Major Road
- Test Well  
Installed September 2009
- Groundwater Well
- State Well Number and Chloride Concentration (in mg/L) and Sample Date

1 in = 2 miles

0 1 2 Miles

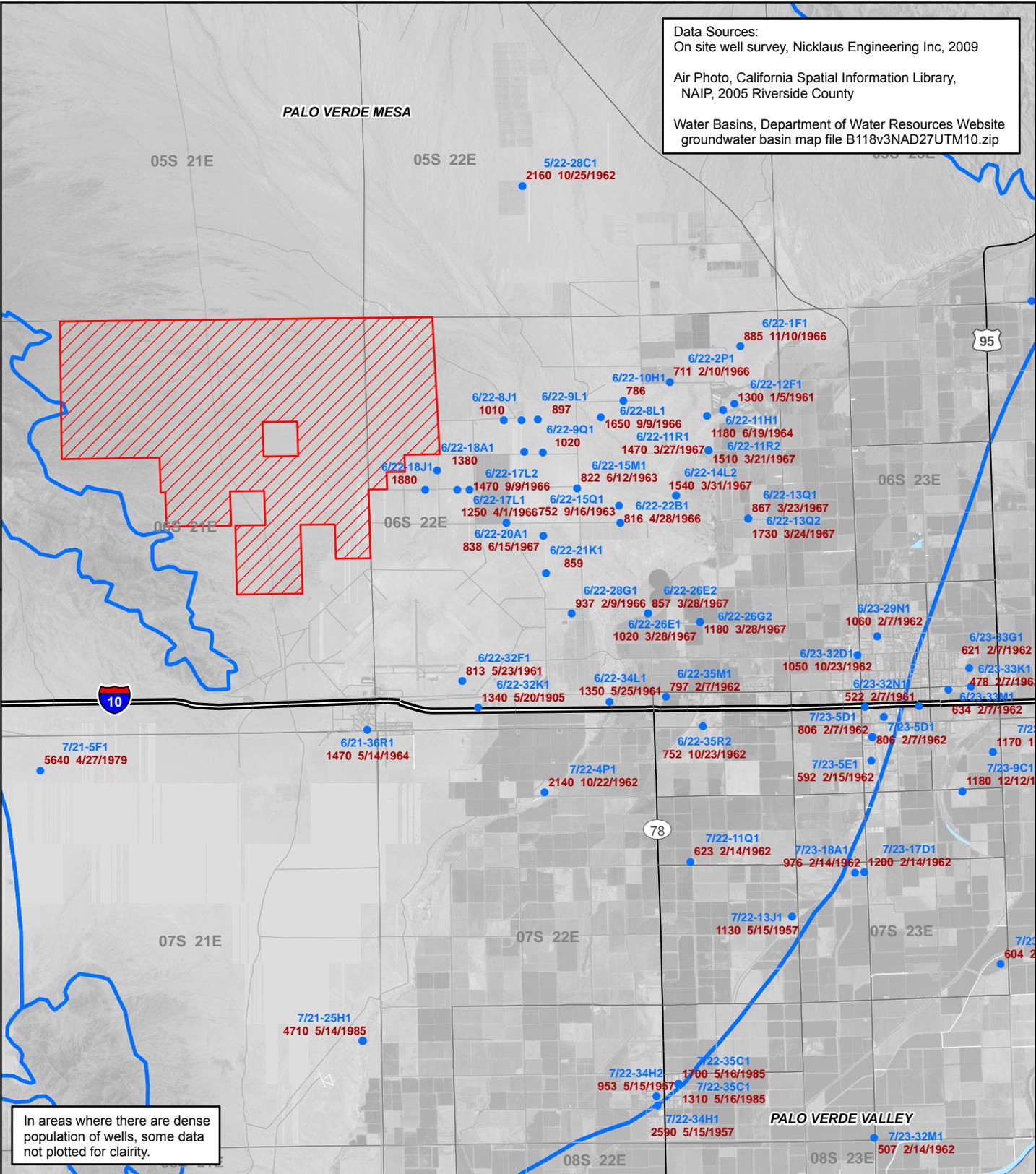
**Blythe Solar Power Project**

**Figure J.3-10**  
**Chloride Concentrations in Groundwater Palo Verde Mesa Groundwater Basin (Updated AFC Figure 5.17-12)**

Project: 60139695  
 Date: January 2010

J:\GIS\Projects\SolarMillennium\Blythe.mxd\Water Resources\figure J-3C-chloride.mxd

Data Sources:  
 On site well survey, Nicklaus Engineering Inc, 2009  
 Air Photo, California Spatial Information Library,  
 NAIP, 2005 Riverside County  
 Water Basins, Department of Water Resources Website  
 groundwater basin map file B118v3NAD27UTM10.zip



In areas where there are dense population of wells, some data not plotted for clarity.



**Legend**

- Project Right-of-Way
- Palo Verde Mesa Groundwater Basin
- Freeway
- Highway / Major Road
- Test Well  
Installed September 2009
- Groundwater Well
- State Well Number and Sulfate Concentration (in mg/L) and Sample Date

1 in = 2 miles

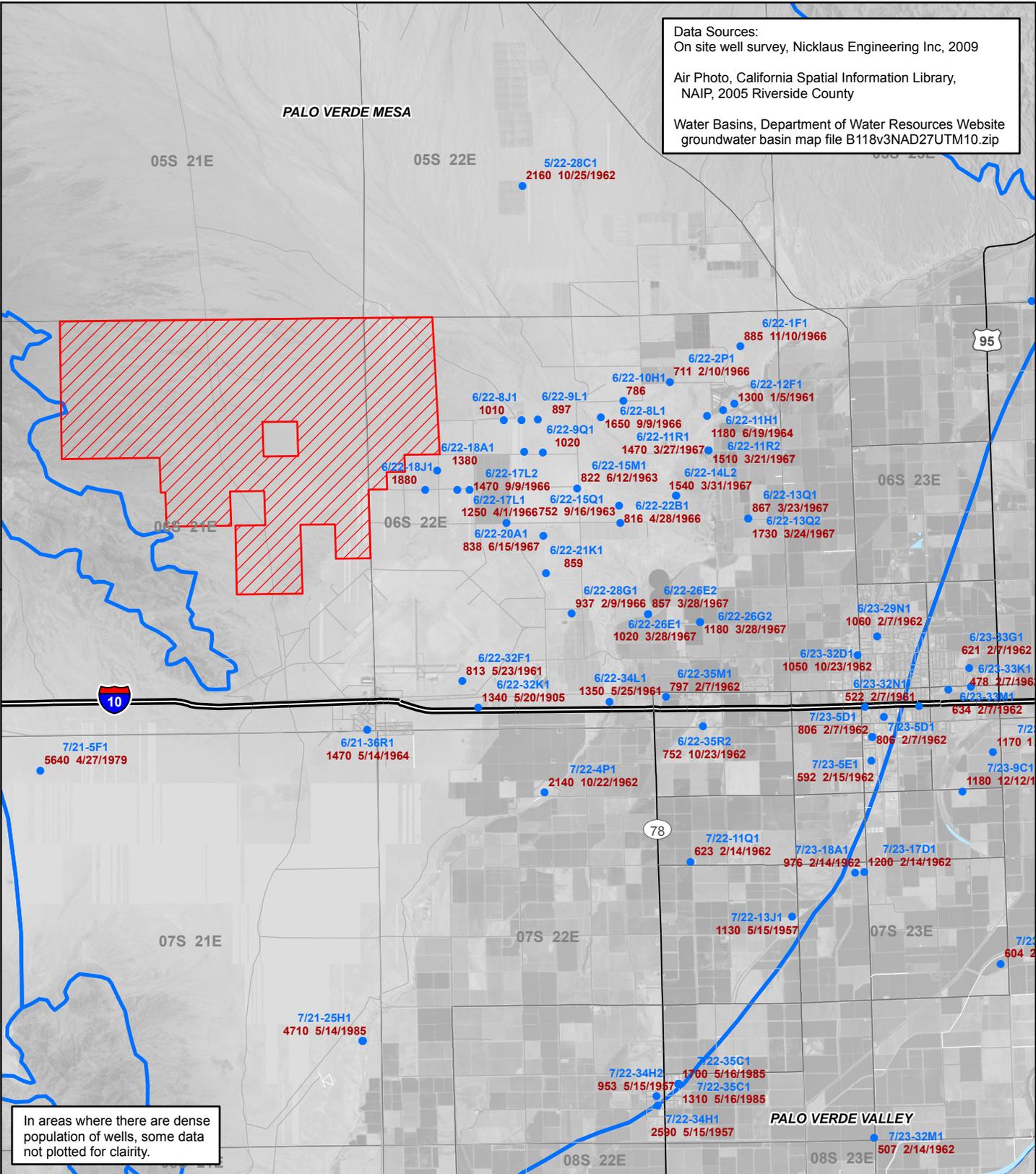
0 1 2 Miles

**Blythe Solar Power Project**

**Figure J.3-11**  
**Sulfate Concentrations in Groundwater**  
**Palo Verde Mesa Groundwater Basin**  
 (Updated AFC Figure 5.17-13)

Project: 60139695  
 Date: January 2010

Data Sources:  
 On site well survey, Nicklaus Engineering Inc, 2009  
 Air Photo, California Spatial Information Library,  
 NAIP, 2005 Riverside County  
 Water Basins, Department of Water Resources Website  
 groundwater basin map file B118v3NAD27UTM10.zip



In areas where there are dense population of wells, some data not plotted for clarity.



**Legend**

- Project Right-of-Way
- Palo Verde Mesa Groundwater Basin
- Freeway
- Highway / Major Road
- Test Well  
Installed September 2009
- Groundwater Well
- State Well Number and Boron Concentration (in mg/L) and Sample Date

1 in = 2 miles

0 1 2 Miles

**Blythe Solar Power Project**

**Figure J.3-12**  
**Boron Concentrations in Groundwater**  
**Palo Verde Mesa**  
**Groundwater Basin**  
 (Updated AFC Figure 5.17-14)

Project: 60139695  
 Date: January 2010

J:\GIS\Projects\SolarMillennium\Blythe\mxd\Water Resources\Figure J-3E-boron.mxd

**Attachment J3-A**  
**Site Photographs**

## PHOTOGRAPHIC LOG

<b>Client Name:</b> Solar Millennium LLC	<b>Site Location:</b> Blythe Solar Power Project, Riverside County, CA	<b>Project No.:</b> 12944-002-2100
---	---	---------------------------------------

<b>Photo No.:</b> <b>1</b>	<b>Date:</b> 8-27-09
-------------------------------	-------------------------

**Direction Photo Taken:**

**Description:**

Photograph of drilling location for installation of pumping well TW-1 and observation wells OW-1 and OW-2.



<b>Photo No.:</b> <b>2</b>	<b>Date:</b> 8-27-09
-------------------------------	-------------------------

**Direction Photo Taken:**

**Description:**

View of soil core showing silty sand lithology. Core was generated during drilling of soil boring for observation well OW-2.



## PHOTOGRAPHIC LOG

<b>Client Name:</b> Solar Millennium LLC	<b>Site Location:</b> Blythe Solar Power Project, Riverside County, CA	<b>Project No.:</b> 12944-002-2100
---	---	---------------------------------------

<b>Photo No.</b> <b>3</b>	<b>Date:</b> 9-27-09
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**Direction Photo Taken:**

**Description:**  
View of installation of pump into well TW-1.



<b>Photo No.</b> <b>4</b>	<b>Date:</b> 9-27-09
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**Direction Photo Taken:**

**Description:**  
View of well head configuration of well TW-1 with the pump installed.



## PHOTOGRAPHIC LOG

<b>Client Name:</b> Solar Millennium LLC	<b>Site Location:</b> Blythe Solar Power Project, Riverside County, CA	<b>Project No.:</b> 12944-002-2100
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<b>Photo No.:</b> <b>5</b>	<b>Date:</b> 9-27-09
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**Direction Photo Taken:**

**Description:**

View of temporary groundwater retention pond. Groundwater generated during pumping test was transferred into this pond for temporary storage where the water was allowed to infiltrate into the subsurface.

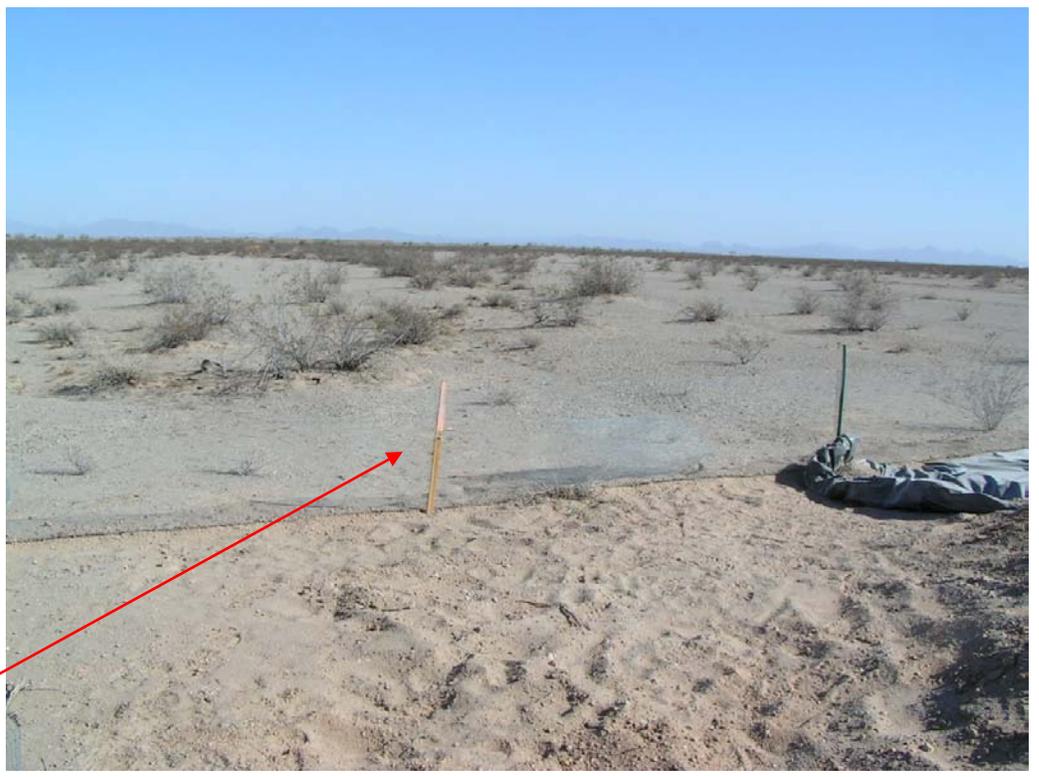


<b>Photo No.:</b> <b>6</b>	<b>Date:</b> 10-4-09
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**Direction Photo Taken:**

**Description:**

View of the dry wash adjacent to retention pond. Water from retention pond was discharged to ground surface and flowed along natural drainage path on the ground surface into adjacent dry wash. Photo shows condition of dry wash prior to receiving water discharged from retention pond.



**Tortoise Fencing**

## PHOTOGRAPHIC LOG

<b>Client Name:</b> Solar Millennium LLC	<b>Site Location:</b> Blythe Solar Power Project, Riverside County, CA	<b>Project No.:</b> 12944-002-2100
---	---	---------------------------------------

<b>Photo No.</b> <b>7</b>	<b>Date:</b> Oct-5-09	
<b>Direction Photo Taken:</b>		
<b>Description:</b> View of retention pond near pumping well TW-1. Tortoise fencing was installed around the perimeter of the temporary retention pond for the protection of the local desert tortoise population.		
<b>Tortoise Fencing</b>		

<b>Photo No.</b> <b>8</b>	<b>Date:</b> Oct-6-09	
<b>Direction Photo Taken:</b>		
<b>Description:</b> Close-up view of retention pond.		

## PHOTOGRAPHIC LOG

<b>Client Name:</b> Solar Millennium LLC	<b>Site Location:</b> Blythe Solar Power Project, Riverside County, CA	<b>Project No.:</b> 12944-002-2100
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<b>Photo No.:</b> <b>9</b>	<b>Date:</b> 10-6-09
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**Direction Photo Taken:**

**Description:**

Water from retention pond was discharged to ground surface and flowed into the adjacent dry wash where the water flowed on the ground following the natural surface flow path of the dry wash.



<b>Photo No.:</b> <b>10</b>	<b>Date:</b> 10-6-09
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**Direction Photo Taken:**

**Description:**

Close-up view of discharge outlets from the retention pond.



## PHOTOGRAPHIC LOG

<b>Client Name:</b> Solar Millennium LLC	<b>Site Location:</b> Blythe Solar Power Project, Riverside County, CA	<b>Project No.:</b> 12944-002-2100
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<b>Photo No.:</b> <b>11</b>	<b>Date:</b> 10-6-09
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**Direction Photo Taken:**  
  
Southeast

**Description:**  
  
During the pump test, water from the retention pond was allowed to flow into the adjacent dry wash where the water mimicked surface runoff and slowly infiltrated into the sub-surface recharging the underlying aquifer.



<b>Photo No.:</b> <b>12</b>	<b>Date:</b> 10-8-09
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**Direction Photo Taken:**

**Description:**  
  
View of retention pond at the conclusion of the constant-rate pumping test.



## PHOTOGRAPHIC LOG

<b>Client Name:</b> Solar Millennium LLC	<b>Site Location:</b> Blythe Solar Power Project, Riverside County, CA	<b>Project No.:</b> 12944-002-2100
---	---	---------------------------------------

<b>Photo No.</b> <b>13</b>	<b>Date:</b> 10-12-09
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**Direction Photo Taken:**

**Description:**  
View of retention pond following completion of pump test. Water has infiltrated through floor of pond into the underlying soils



<b>Photo No.</b> <b>14</b>	<b>Date:</b> 10-20-09
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**Direction Photo Taken:**

**Description:**  
View of former retention pond area following removal of pond in conjunction with site restoration activities.



## **Attachment J3-B**

### **Boring Logs, Well Construction Diagrams and Borehole E-Logs**



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192082.725 N 70242287.361 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Boring Diameter: 8 IN.

Boring No. OW-1

Ambient PID Reading:  
Sheet: 1 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 08-13-09 Depth of Boring: 401 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-16-09 Water Level: 195.70 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
5						ML		SANDY SILT, poorly graded, very fine sand, trace medium grained sand and gravel, subrounded, dry	
10					SM		SILTY SAND, poorly graded, very fine sand, silt, trace medium gravel, subrounded		
25					SM		SILTY SAND, very fine to fine sand, no gravel, subrounded		
48							-trace medium sand and trace gravel encountered at 48 feet		

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192082.725 N 70242287.361 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Boring Diameter: 8 IN.

**Boring No. OW-1**  
Ambient PID Reading:  
Sheet: 2 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 08-13-09 Depth of Boring: 401 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-16-09 Water Level: 195.70 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
75						SM		SILTY SAND, very fine to fine sand, no gravel, subrounded (continued)	
80									
85									
90						SM		SILTY SAND, very fine to fine sand, trace medium sand, silt, subrounded	
95									
100									
105									
110								-granitic gravel encountered at 110 feet	
115									
120									
125									
130									
135									
140									

Notes:



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1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192082.725 N 70242287.361 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Boring Diameter: 8 IN.

**Boring No. OW-1**  
Ambient PID Reading:  
Sheet: 3 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 08-13-09 Depth of Boring: 401 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-16-09 Water Level: 195.70 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
145						SM		SILTY SAND, very fine to fine sand, trace medium sand, silt, subrounded (continued)	<p>Bentonite Chips from 174 to 180 ft bgs</p> <p>Lonestar #3 gravel pack</p> <p>2" diameter schedule 80 PVC screen (0.020" slot)</p>
150									
155									
160								-harder drilling -drill rig chatter encountered at 160 feet	
165									
170									
175									
180									
185									
190									
195									
200									
205									
210									

Notes:



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(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192082.725 N 70242287.361 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Boring Diameter: 8 IN.

**Boring No. OW-1**  
Ambient PID Reading:  
Sheet: 4 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 08-13-09 Depth of Boring: 401 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-16-09 Water Level: 195.70 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
.....						SM		SILTY SAND, very fine to fine sand, trace medium sand, silt, subrounded (continued)	
215									
220									
225									
230									
235									
240									
245									
250									
255									
260									
265									
270									
275									
280									

Notes:



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(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192082.725 N 70242287.361 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Boring Diameter: 8 IN.

**Boring No. OW-1**  
Ambient PID Reading:  
Sheet: 5 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 08-13-09 Depth of Boring: 401 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-16-09 Water Level: 195.70 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
285						SM		SILTY SAND, very fine to fine sand, trace medium sand, silt, subrounded (continued)	
290									
295									
300									
305									
310									
315									
320									
325									
330									
335									
340									
345									
350									

Notes:



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(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192082.725 N 70242287.361 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Boring Diameter: 8 IN.

**Boring No. OW-1**  
Ambient PID Reading:  
Sheet: 6 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 08-13-09 Depth of Boring: 401 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-16-09 Water Level: 195.70 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
355						SM		SILTY SAND, very fine to fine sand, trace medium sand, silt, subrounded (continued)	
360						SM		SILTY SAND, very fine to medium sand, silt, subrounded	
365									
370								-coarse gravel and drill chatter encountered at 370 feet	
375									
380								-harder drilling - drill rig chatter encountered at 380 feet	
385									
390									
395									
400									

Total Depth = 401 feet.  
Boring Terminated  
Target depth achieved

Notes:



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Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192070.131 N 7024373.6 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 8 IN.

Boring No. OW-2

Ambient PID Reading:  
Sheet: 1 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: I. Stone Date/Time Started: 08-25-09 / 08:45 Depth of Boring: 388 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-31-09 / 09:30 Water Level: 179.15 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
5						SM	[Stippled pattern]	SILTY SAND, light brown, 80% fine grained sand, 20% silt, trace gravel, subrounded, dry, no odor or staining	<p>Well Diagram</p> <p>3 foot steel casing</p> <p>PVC cap</p> <p>CONCRETE</p> <p>Concrete</p> <p>2" diameter schedule 80 PVC blank casing</p>
10						SM	[Stippled pattern]	SILTY SAND, light brown, 85% fine grained sand, 15% silt, subrounded, dry, no odor or staining	
15									
20									
25									
30									
35									
40									
45									
50									
55									
60									
65									
70									

Notes:



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Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192070.131 N 7024373.6 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 8 IN.

**Boring No. OW-2**  
Ambient PID Reading:  
Sheet: 2 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: I. Stone Date/Time Started: 08-25-09 / 08:45 Depth of Boring: 388 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-31-09 / 09:30 Water Level: 179.15 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
75						SM		SILTY SAND, light brown, 85% fine grained sand, 15% silt, subrounded, dry, no odor or staining (continued)	<p>Bentonite Slurry</p>
80									
85									
90									
95									
100									
105									
110									
115									
120								-gravel encountered at 118 feet	
125						SP-SM		SAND WITH SILT, light brown, 90% fine grained sand, 10% silt, subrounded, no odor or staining	
130									
135									
140									

Notes:



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Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192070.131 N 7024373.6 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 8 IN.

**Boring No. OW-2**  
Ambient PID Reading:  
Sheet: 3 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: I. Stone Date/Time Started: 08-25-09 / 08:45 Depth of Boring: 388 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-31-09 / 09:30 Water Level: 179.15 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
145						SP-SM		SAND WITH SILT, light brown, 90% fine grained sand, 10% silt, subrounded, no odor or staining (continued)	
150									
155									
160									
165									
170									
175									
180									Bentonite Chips from 174 to 180 ft bgs
185									Lonestar #3 gravel pack
190									2" diameter schedule 80 PVS screen (0.020" slot)
195									
200									
205									
210									

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192070.131 N 7024373.6 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 8 IN.

**Boring No. OW-2**  
Ambient PID Reading:  
Sheet: 4 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: Logged By: I. Stone Date/Time Started: 08-25-09 / 08:45 Depth of Boring: 388 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-31-09 / 09:30 Water Level: 179.15 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
.....						SP-SM		SAND WITH SILT, light brown, 90% fine grained sand, 10% silt, subrounded, no odor or staining (continued)	<p>Lonestar #3 gravel pack</p> <p>5 ft sump from 238 ft to 243 ft bgs</p>
215									
220									
225								-harder drilling: slight drilling chatter encountered at 225 feet	
230									
235									
240									
245									
250								-gravel encountered at 248 feet	
255									
260									
265									
270									
275									
280									

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192070.131 N 7024373.6 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 8 IN.

**Boring No. OW-2**  
Ambient PID Reading:  
Sheet: 5 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 188-238 FT BGS

Approved By: \_\_\_\_\_ Logged By: I. Stone Date/Time Started: 08-25-09 / 08:45 Depth of Boring: 388 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 08-31-09 / 09:30 Water Level: 179.15 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
285	W-02 286	286		0.5		SP-SM		SAND WITH SILT, light brown, 90% fine grained sand, 10% silt, subrounded, wet, no odor or staining -1 in silt layer encountered at 281.5 feet	
290						ML		CLAYEY SILT, light brown, trace sand, 70% silt, 30% clay, subrounded, wet, no odor or staining -Cobble, possible caliche encountered at 288 feet	
295						SP-SM		SAND WITH SILT, light brown, 90% fine grained sand, 10% silt, trace clay, subrounded, wet, no odor or staining	
300						SP-SM		-Cobble encountered at 299.5 feet	
305	SP-SM		SAND WITH SILT, light brown, 90% fine to medium grained sand, 10% silt, trace clay, subrounded, wet, no odor or staining						
310	SP		-Cobble encountered at 301 feet						
315	W-02 312	312		0.5		SP		SAND WITH SILT, light brown, 90% fine grained sand, 10% silt, trace clay, subrounded, wet, no odor or staining	
320						SP-SM		SAND WITH SILT, light brown, 95% fine to medium grained sand, 5% silt, subrounded, wet, no odor or staining	
325						SP		SAND WITH SILT, light brown, 94% fine grained sand, 5% silt, 1% gravel, subrounded, wet, no odor or staining	
330						SC		SAND WITH SILT, light brown, 95% fine grained sand, 5% silt, trace clay, subrounded, wet, no odor or staining	
335	W-02 335	335		0.5		SP		SAND WITH SILT, light brown, 95% fine grained sand, 5% silt, trace clay, subrounded, wet, no odor or staining	
340						SP-SM		SAND WITH GRAVEL, light brown, 90% fine grained sand, 10% gravel, trace fines, subrounded, wet, no odor or staining	
345						SP-SM		SAND WITH SILT, light brown, 95% fine grained sand, 5% silt, trace clay, subrounded, wet, no odor or staining	
350						SP-SM		SAND WITH SILT, light brown, 95% fine grained sand, 5% silt, trace clay, subrounded, wet, no odor or staining	

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client:	Solar Millennium
Project Number:	60139695-2100
Site Description/Location:	Blythe, CA
Coordinates:	2192070.131 N 7024373.6 E Elevation: Datum: NAD 83
Drilling Equipment/Method:	air/mud rotary Weather: Sunny, hot
Sample Type(s):	Grab sample Boring Diameter: 8 IN.

<b>Boring No. OW-2</b>
Ambient PID Reading:
Sheet: 6 of 6
Monitoring Well Installed: Yes
Screened Interval: 188-238 FT BGS

Approved By:	Logged By: I. Stone	Date/Time Started: 08-25-09 / 08:45	Depth of Boring: 388 FT BGS
Drilling Contractor: WDC / Butch Eldred	Backfill: Bentonite Slurry	Date/Time Finished: 08-31-09 / 09:30	Water Level: 179.15 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram		
355	W-02 361	-	-	0.5	-	SP-SM		SAND WITH SILT, light brown, 95% fine grained sand, 5% silt, trace clay, subrounded, wet, no odor or staining <i>(continued)</i>  -Clay nodules encountered at 367.8 feet  -Hardened clay nodules encountered at 371.5 feet			
360											
365											
370											
375											
380										CL	CLAY, reddish brown, 95% clay, 5% silt, subrounded, wet, no odor or staining SAND WITH SILT, light brown, 90% fine grained sand, 10% silt, trace gravel and clay, subrounded, wet, no odor or staining
385										SP-SM	

Total Depth = 388 feet.  
Boring Terminated  
Target depth achieved

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192063.43 N 7024424.733 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 12/34 IN.

Boring No. TW-1

Ambient PID Reading:  
Sheet: 1 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 290-390 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 09-09-09 Depth of Boring: 402 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 09-18-09 Water Level: 192.00 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
5						ML		SANDY SILT, 5yr 6/4, poorly graded, very fine to medium grained sand, trace coarse grained sand, silt, subrounded, very soft, dry	<p>Steel casing with two 2" tubes on the inside</p> <p>Steel cap welded to the top</p> <p>CONCRETE</p> <p>20" Conductor Casing from 0 to 55 feet bgs</p>
10						SM		SILTY SAND, poorly graded, very fine to fine grained sand, trace medium grained sand, silt, subrounded, very loose, dry	
15									
20									
25								-trace coarse sand to fine gravel, subangular, sandstone gravel layer approximately 2-3 ft thick; drill chatter-harder drilling encountered	
30									
35								-trace fine gravel, subangular, sandstone gravel layer approximately 2 ft thick	
40									
45									
50									
55									
60								-trace fine grained gravel, no medium grained sand	
65									
70									

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192063.43 N 7024424.733 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 12/34 IN.

**Boring No. TW-1**  
Ambient PID Reading:  
Sheet: 2 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 290-390 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 09-09-09 Depth of Boring: 402 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 09-18-09 Water Level: 192.00 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
75						SM		SILTY SAND, poorly graded, very fine to fine grained sand, trace medium grained sand, silt, subrounded, very loose, dry (continued)	
80									
85									
90									
95									
100						SC		CLAYEY FINE SAND, poorly graded, very fine to fine grained sand, trace coarse sand/fine gravel, low plasticity clay, subangular, soft-alternating ML/SM lenses with sandstone gravel	
105									
110									
115									
120								-clay lens	
125									
130									
135									
140						SM		SILTY SAND, poorly graded fine grained sand, silt, trace coarse sand/fine gravel, loose	

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192063.43 N 7024424.733 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 12/34 IN.

**Boring No. TW-1**  
Ambient PID Reading:  
Sheet: 3 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 290-390 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 09-09-09 Depth of Boring: 402 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 09-18-09 Water Level: 192.00 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
145						SM		SILTY SAND, poorly graded fine grained sand, silt, trace coarse sand/fine gravel, loose (continued)	
150									
155									
160								-trace medium sand	
165								-granitic gravel, fine angular gravel in cuttings for approximately 4 feet (163-167 ft)	
170									
175									
180									
185									
190									
195									
200						SM		SILTY SAND W/CLAY, fine sand, silt, some low plasticity clay nodules, trace fine gravel, loose	
205									
210									

Notes:



AECOM  
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Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium

Project Number: 60139695-2100

Site Description/Location: Blythe, CA

Coordinates: 2192063.43 N 7024424.733 E Elevation: Datum: NAD 83

Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot

Sample Type(s): Grab sample Boring Diameter: 12/34 IN.

Boring No. TW-1

Ambient PID Reading:

Sheet: 4 of 6

Monitoring Well Installed: Yes

Screened Interval: 290-390 FT BGS

Approved By:

Logged By: B. Zanco

Date/Time Started: 09-09-09

Depth of Boring: 402 FT BGS

Drilling Contractor: WDC / Butch Eldred

Backfill: Bentonite Slurry

Date/Time Finished: 09-18-09

Water Level: 192.00 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
.....						SM		SILTY SAND W/CLAY, fine sand, silt, some low plasticity clay nodules, trace fine gravel, loose (continued)	
215									
220									
225									
230									
235									
240									
245									
250									
255									
260									
265									
270									
275									
280									

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192063.43 N 7024424.733 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 12/34 IN.

**Boring No. TW-1**  
Ambient PID Reading:  
Sheet: 5 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 290-390 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 09-09-09 Depth of Boring: 402 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 09-18-09 Water Level: 192.00 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
285						SM		SILTY SAND, fine grained sand, trace medium sand, silt, loose	
290									
295									
300									
305									
310									
315									
320						SM		SILTY SAND, poorly graded, fine grained sand, trace medium sand, silt, loose	
325									
330									
335									
340									
345									
350									

Notes:



AECOM  
1220 Avenida Acaso  
Camarillo, CA 93012  
(805)388-3775

Client: Solar Millennium  
Project Number: 60139695-2100  
Site Description/Location: Blythe, CA  
Coordinates: 2192063.43 N 7024424.733 E Elevation: Datum: NAD 83  
Drilling Equipment/Method: /air/mud rotary Weather: Sunny, hot  
Sample Type(s): Grab sample Boring Diameter: 12/34 IN.

Boring No. TW-1

Ambient PID Reading:  
Sheet: 6 of 6  
Monitoring Well Installed: Yes  
Screened Interval: 290-390 FT BGS

Approved By: Logged By: B. Zanco Date/Time Started: 09-09-09 Depth of Boring: 402 FT BGS  
Drilling Contractor: WDC / Butch Eldred Backfill: Bentonite Slurry Date/Time Finished: 09-18-09 Water Level: 192.00 FT BGS

DEPTH (ft)	Sample ID	Sample Depth (ft)	Blows per 6"/RQD	Recovery (ft)	Headspace (ppm)	USCS	Graphic Log	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Well Diagram
355						SM		SILTY SAND, poorly graded, fine grained sand, trace medium sand, silt, loose (continued)	
360									
365									
370									
375									
380									
385						SW		SAND, well graded, fine to coarse grained sand, some silt and fine gravel, loose	
390						SM		SILTY SAND, poorly graded, fine grained sand, trace medium grained sand, silt, loose	
395									
400									

Total Depth = 402 feet.  
Boring Terminated  
Target depth achieved

10 ft sump  
from 390 to  
400 ft bgs

Notes:



Client: Solar Millennium LLC

Project Number: 12944-002-2100

Site Location: Blythe, Riverside County, CA

Well Location: NAD 83, 2192063.430 N 7024424.733 E

Method: Air Rotary Casing Hammer / Mud Rotary

WELL ID: TW-1

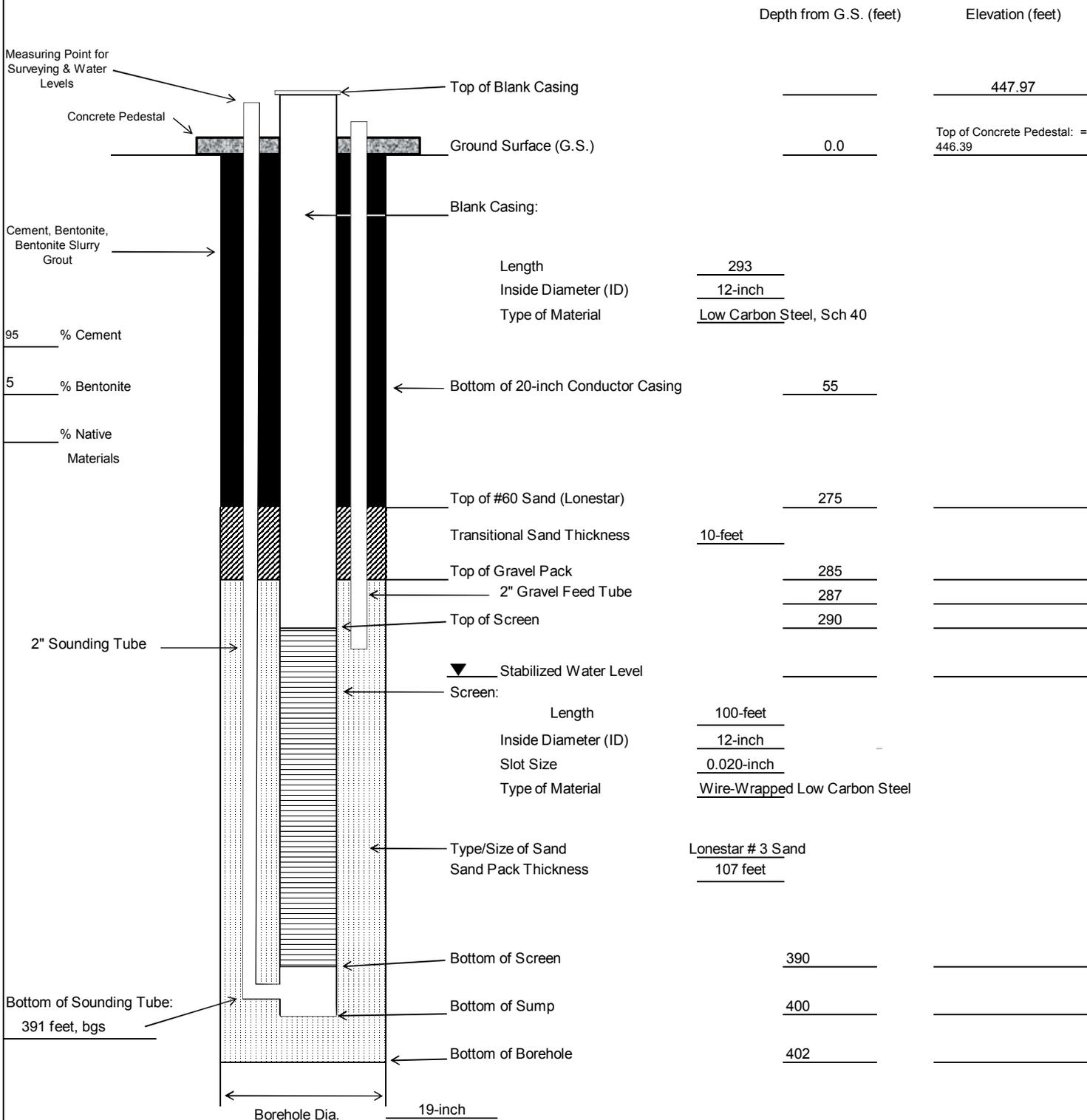
Date Installed: 9/18/2009

Inspector:

Contractor: WDC Exploration & Wells

### EXTRACTION WELL CONSTRUCTION DETAIL

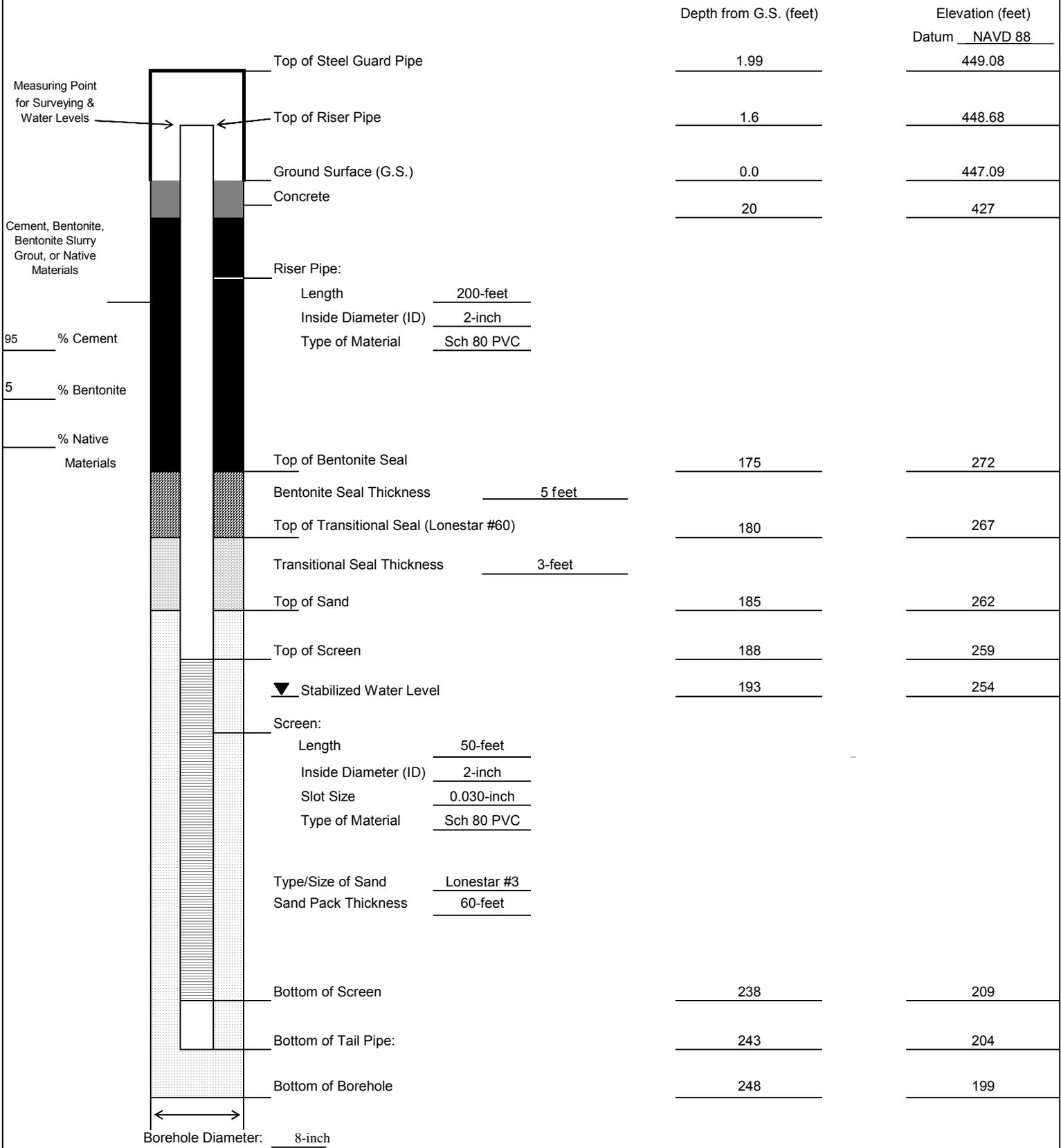
Datum: NAVD 88



Describe Measuring Point:

Top of Sounding Tube.

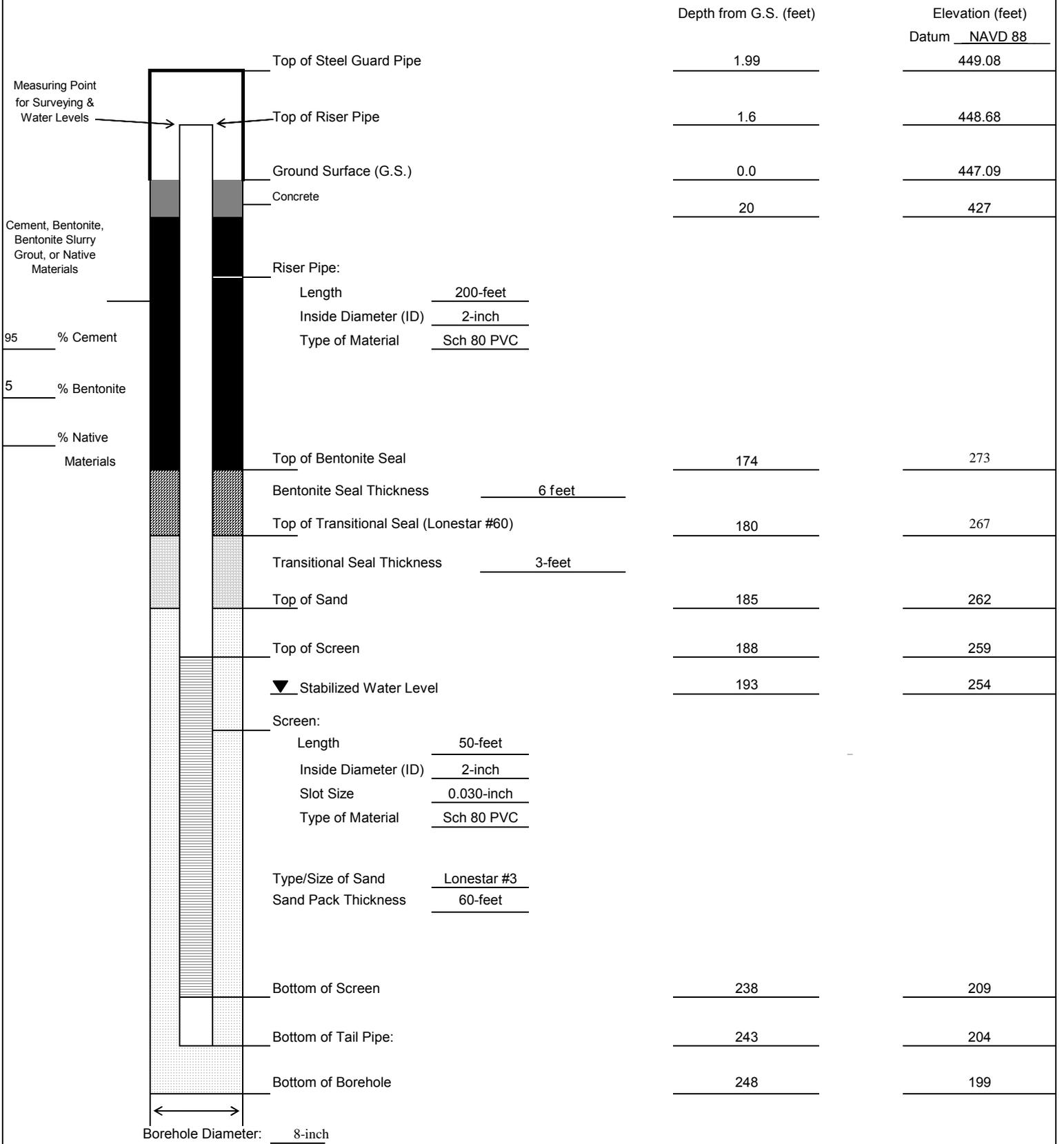
**MONITORING WELL CONSTRUCTION DETAIL**



Describe Measuring Point:

Top of 2-inch PVC Casing

**MONITORING WELL CONSTRUCTION DETAIL**



Describe Measuring Point:

Top of 2-inch PVC Casing



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California Contractor's License No. 722373

## ELECTRIC - GAMMA RAY LOG

FILING NO.	COMPANY <u>AECOM</u>		
	WELL <u>TW-1</u>		
	FIELD <u>Blythe</u>		
	STATE <u>California</u>	COUNTY <u>Riverside</u>	
	LOCATION: <u>North of Blythe Airport about six miles.</u>		OTHER SERVICES: <u>Caliper Sonic</u>
JOB NO. <b>12416</b>	SEC: <u>6</u> TWP: <u>6S</u> RGE: <u>22E</u> LAT.: <u>33° 40' 25.0"</u> LONG.: <u>114° 43' 43.6"</u> MERIDIAN.: <u>San Bernardino</u>		

Permanent Datum: Ground Level, Elev. 450 Ft. Elev.: K.B. \_\_\_\_\_ Ft.  
 Log Measured From: Ground Level, 0 Ft. Above Perm. Datum D.F. \_\_\_\_\_ Ft.  
 Drilling Measured From: Ground Level G.L. 450 Ft.

Run	<u>One</u>						
Date	<u>Sep. 14, 2009</u>						
Depth-Driller	<u>401</u>	Ft		Ft		Ft	Ft
Depth-Logger	<u>402</u>	Ft		Ft		Ft	Ft
Top Logged Interval	<u>0</u>	Ft		Ft		Ft	Ft
Btm. Logged Interval	<u>401</u>	Ft		Ft		Ft	Ft
Casing-Driller	<u>20</u>	In @ <u>50</u>	Ft		In @	Ft	In @ Ft
Casing-Logger	<u>20</u>	In @ <u>50</u>	Ft		In @	Ft	In @ Ft
Bit Size	<u>8.5</u>	In		In		In	In
Time On Bottom	<u>10 AM</u>						
Type Fluid In Hole	<u>Bentonite</u>						
Density	Viscosity						
pH	Fluid Loss						
			ml		ml		ml
Source of Sample	<u>Pit</u>						
Rm @ Measured Temp.	<u>3.1</u>	@ <u>75</u>	°F	@	°F	@	°F
Rmf @ Measured Temp.	<u>2.8</u>	@ <u>75</u>	°F	@	°F	@	°F
Rmc @ Measured Temp.		@	°F	@	°F	@	°F
Source Rmf	Rmc						
	<u>meas</u>						
Rm @ BHT		@	°F	@	°F	@	°F
Time Since Circulation	<u>1</u>		Hr		Hr		Hr
Max. Rec. Temp.			°F		°F		°F
Van No.	Location	<u>LV-1</u>	<u>Bfld</u>				
Recorded By	<u>Dan Ihde</u>						
Witnessed By	<u>Brian Zenko</u>						

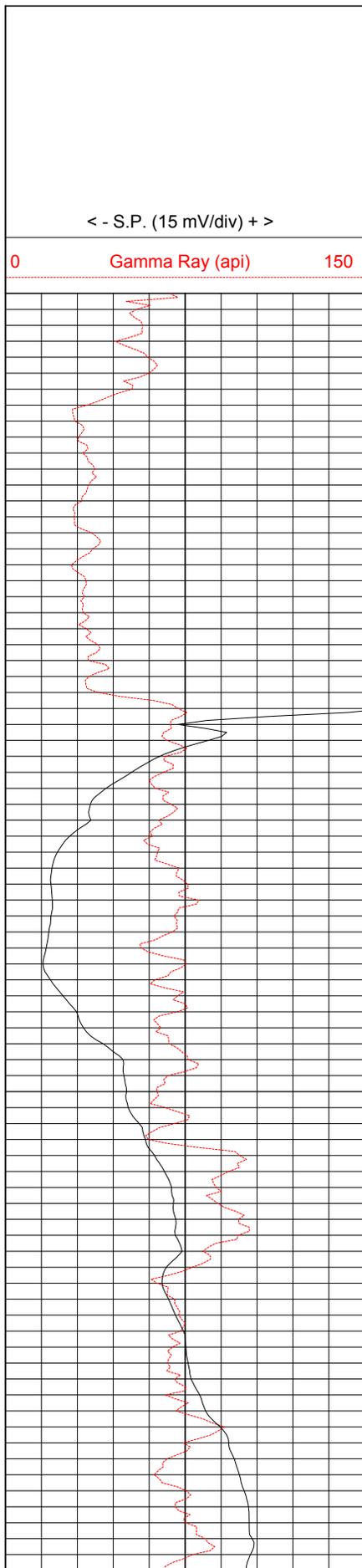
# Miscellaneous Information

A recreational GPS accurate to +/- 45 feet set for Datum NAD27 was used to calculate Latitude, Longitude & Elevation values. The Section, Township, and Range then determined using the TRS program (TRS accuracy is not guaranteed). The TRS program converts Latitude and Longitude to Section, Township, and Range. The NOTICE at the bottom of this heading also applies.

Drilled By: WDC

## NOTICE

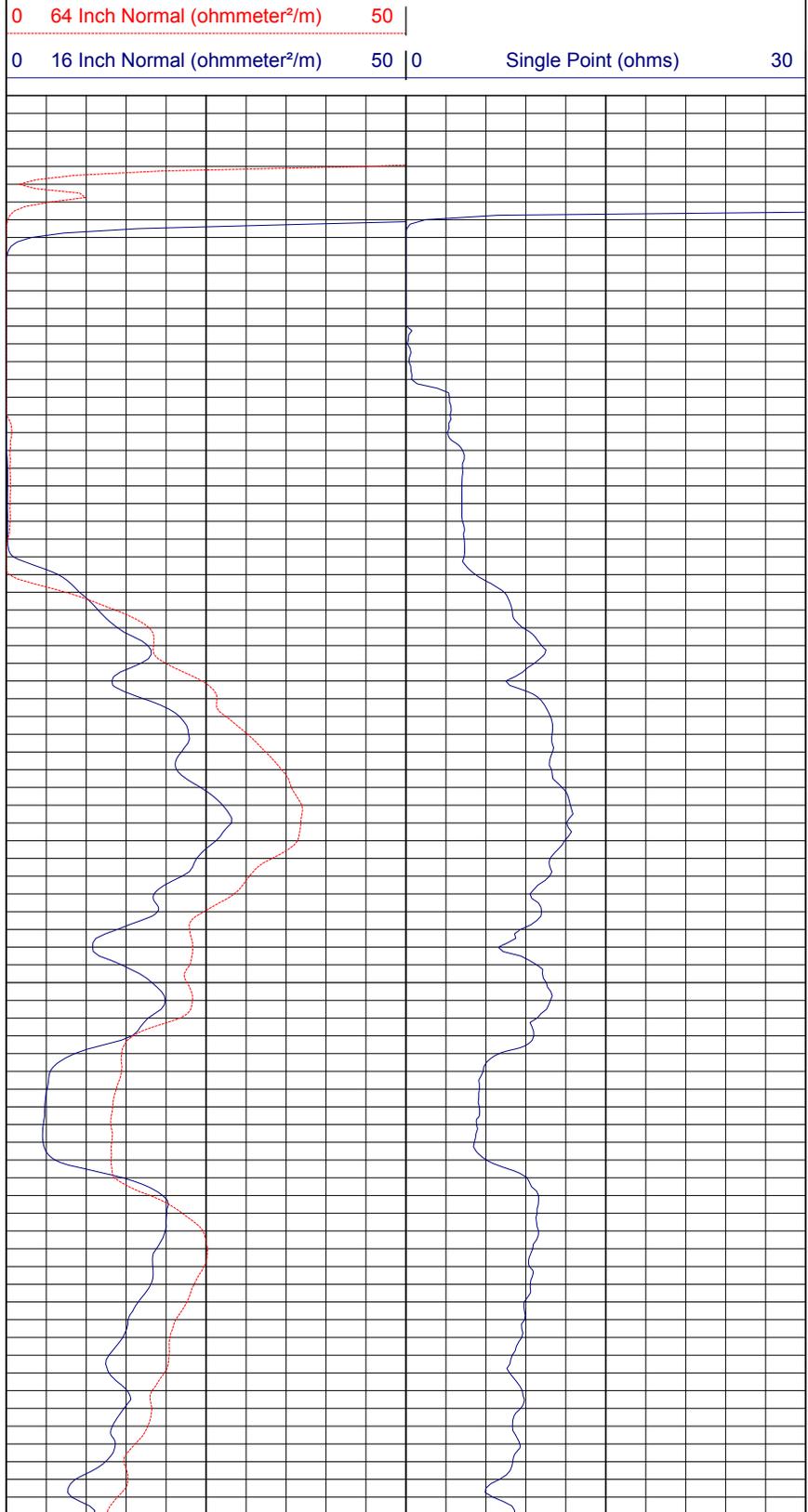
All interpretations are opinions based on inferences from electrical and other measurements and we do not guarantee the accuracy or correctness of any verbal or written interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.  
*welenco, inc. September 14, 2009*

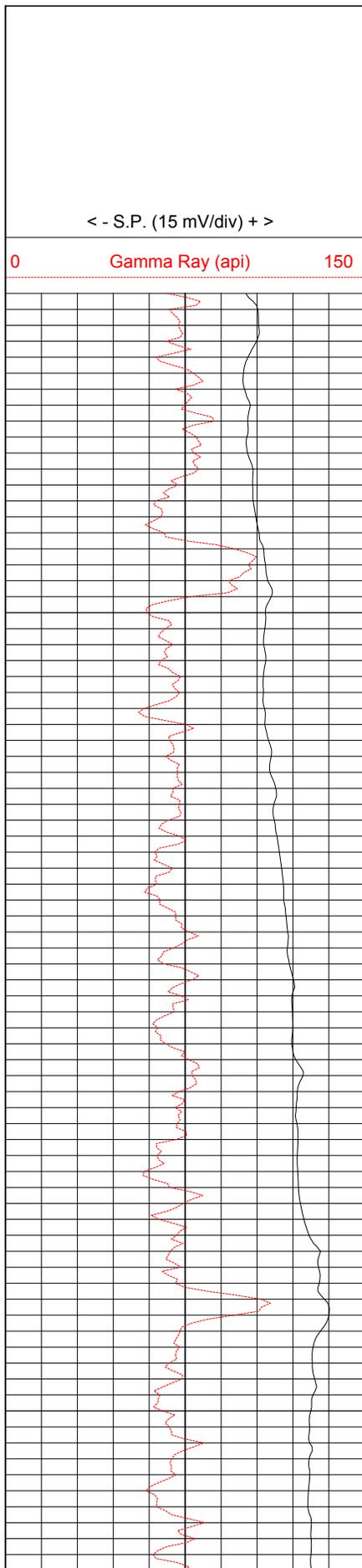


DEPTHS

5 in/100ft

ELECTRIC - GAMMA RAY LOG





DEPTHS

5 in/100ft

200

250

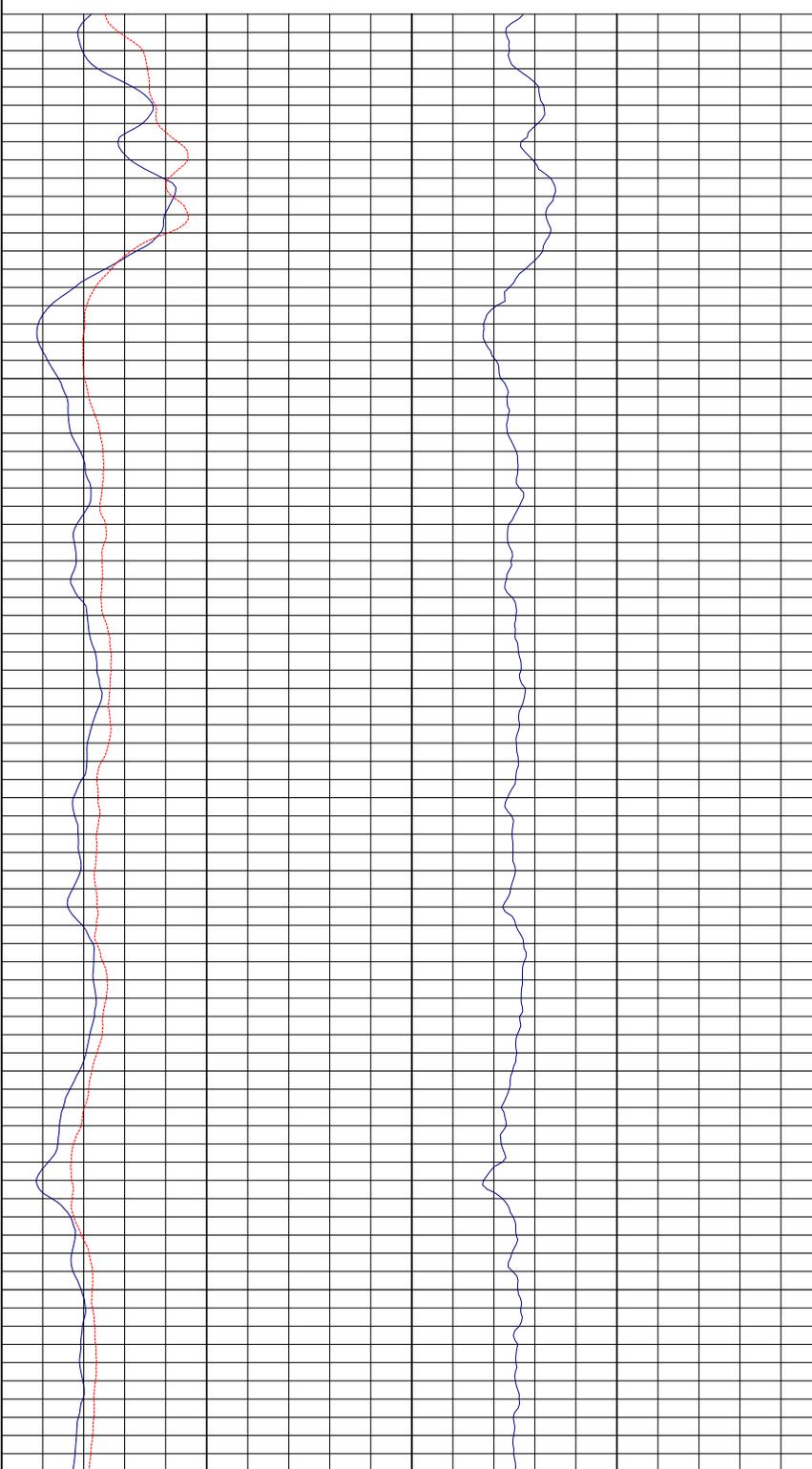
300

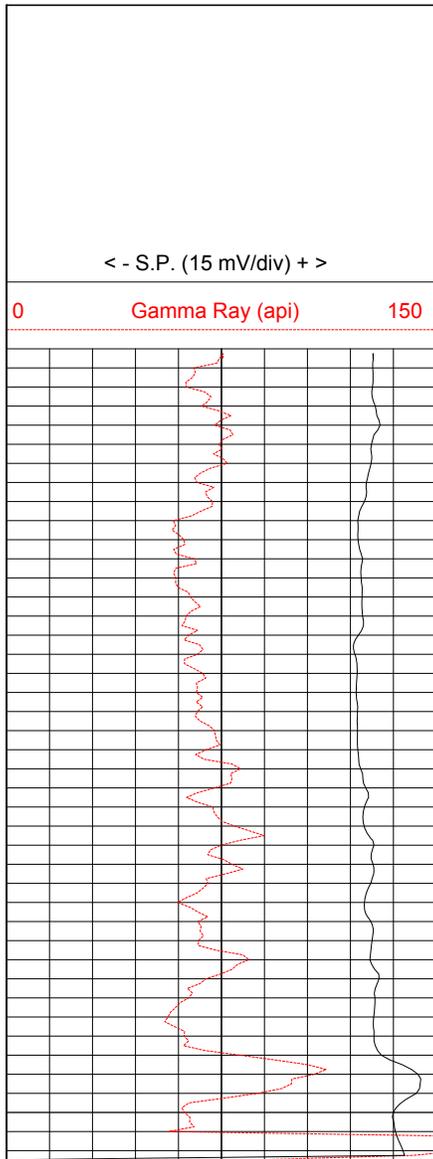
ELECTRIC - GAMMA RAY LOG

0 64 Inch Normal (ohmmeter<sup>2</sup>/m) 50

0 16 Inch Normal (ohmmeter<sup>2</sup>/m) 50

0 Single Point (ohms) 30





Log Page No. 3 of 3 Pages

ELECTRIC - GAMMA RAY LOG

DEPTHS

5 in/100ft

0    64 Inch Normal (ohmmeter<sup>2</sup>/m)    50

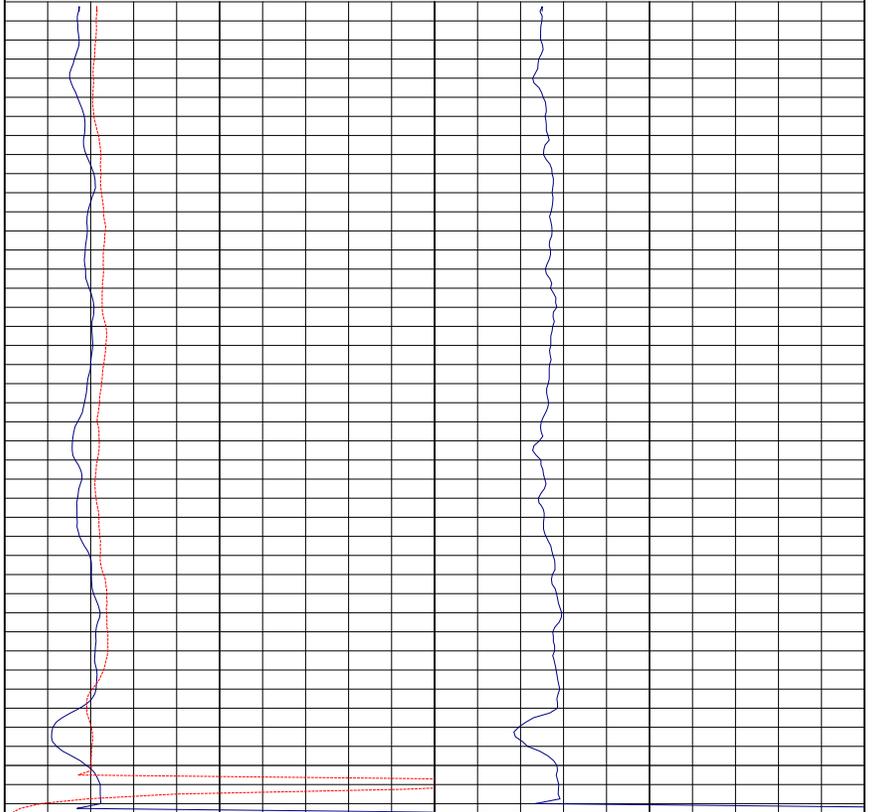
0    16 Inch Normal (ohmmeter<sup>2</sup>/m)    50

0    Single Point (ohms)

30

350

400



Page Length: 320 - 405 Feet (85 Feet)

Time: 10:27:26 AM

Date: Sep 14, 2009



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California Contractor's License No. 722373

## ELECTRIC - GAMMA RAY LOG

FILING NO.	COMPANY <u>AECOM</u>		
	WELL <u>TW-1</u>		
	FIELD <u>Blythe</u>		
	STATE <u>California</u>	COUNTY <u>Riverside</u>	
	LOCATION: <u>North of Blythe Airport about six miles.</u>		OTHER SERVICES: <u>Caliper Sonic</u>
JOB NO. <b>12416</b>	SEC: <u>6</u> TWP: <u>6S</u> RGE: <u>22E</u> LAT.: <u>33° 40' 25.0"</u> LONG.: <u>114° 43' 43.6"</u> MERIDIAN.: <u>San Bernardino</u>		

Permanent Datum: Ground Level, Elev. 450 Ft. Elev.: K.B. \_\_\_\_\_ Ft.  
 Log Measured From: Ground Level, 0 Ft. Above Perm. Datum D.F. \_\_\_\_\_ Ft.  
 Drilling Measured From: Ground Level G.L. 450 Ft.

Run	<u>One</u>						
Date	<u>Sep. 14, 2009</u>						
Depth-Driller	<u>401</u>	Ft		Ft		Ft	Ft
Depth-Logger	<u>402</u>	Ft		Ft		Ft	Ft
Top Logged Interval	<u>0</u>	Ft		Ft		Ft	Ft
Btm. Logged Interval	<u>401</u>	Ft		Ft		Ft	Ft
Casing-Driller	<u>20</u>	In @ <u>50</u>	Ft		In @	Ft	In @ Ft
Casing-Logger	<u>20</u>	In @ <u>50</u>	Ft		In @	Ft	In @ Ft
Bit Size	<u>8.5</u>	In		In		In	In
Time On Bottom	<u>10 AM</u>						
Type Fluid In Hole	<u>Bentonite</u>						
Density	Viscosity						
pH	Fluid Loss						
			ml			ml	ml
Source of Sample	<u>Pit</u>						
Rm @ Measured Temp.	<u>3.1</u>	@ <u>75</u>	°F	@	°F	@	°F
Rmf @ Measured Temp.	<u>2.8</u>	@ <u>75</u>	°F	@	°F	@	°F
Rmc @ Measured Temp.		@	°F	@	°F	@	°F
Source Rmf	<u>meas</u>						
Rm @ BHT		@	°F	@	°F	@	°F
Time Since Circulation	<u>1</u>		Hr		Hr		Hr
Max. Rec. Temp.			°F		°F		°F
Van No.	<u>LV-1</u>	Location	<u>Bfld</u>				
Recorded By	<u>Dan Ihde</u>						
Witnessed By	<u>Brian Zenko</u>						

# Miscellaneous Information

A recreational GPS accurate to +/- 45 feet set for Datum NAD27 was used to calculate Latitude, Longitude & Elevation values. The Section, Township, and Range then determined using the TRS program (TRS accuracy is not guaranteed). The TRS program converts Latitude and Longitude to Section, Township, and Range. The NOTICE at the bottom of this heading also applies.

Drilled By: WDC

## NOTICE

All interpretations are opinions based on inferences from electrical and other measurements and we do not guarantee the accuracy or correctness of any verbal or written interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.  
*welenco, inc. September 14, 2009*

ELECTRIC - GAMMA RAY LOG

DEPTHS

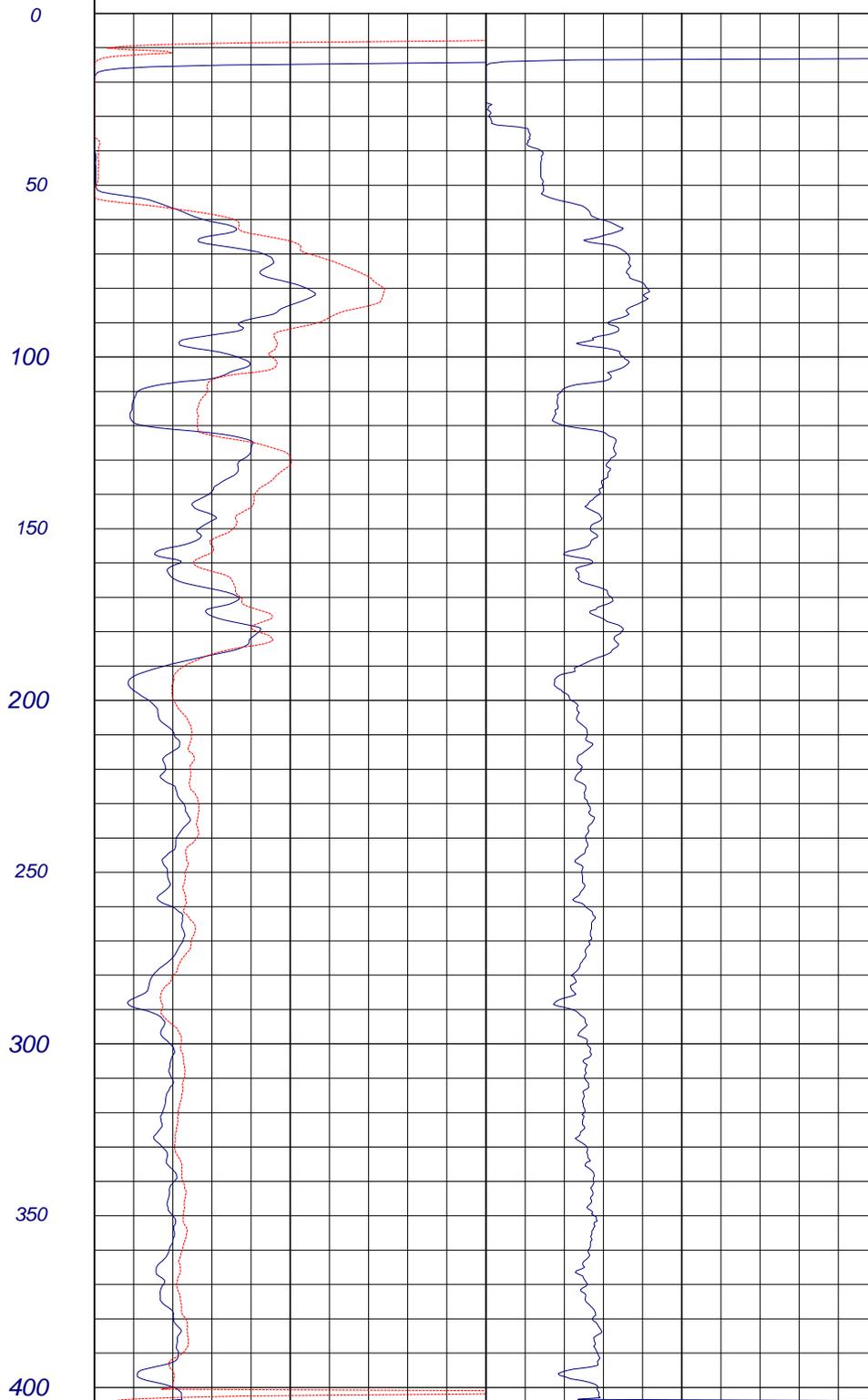
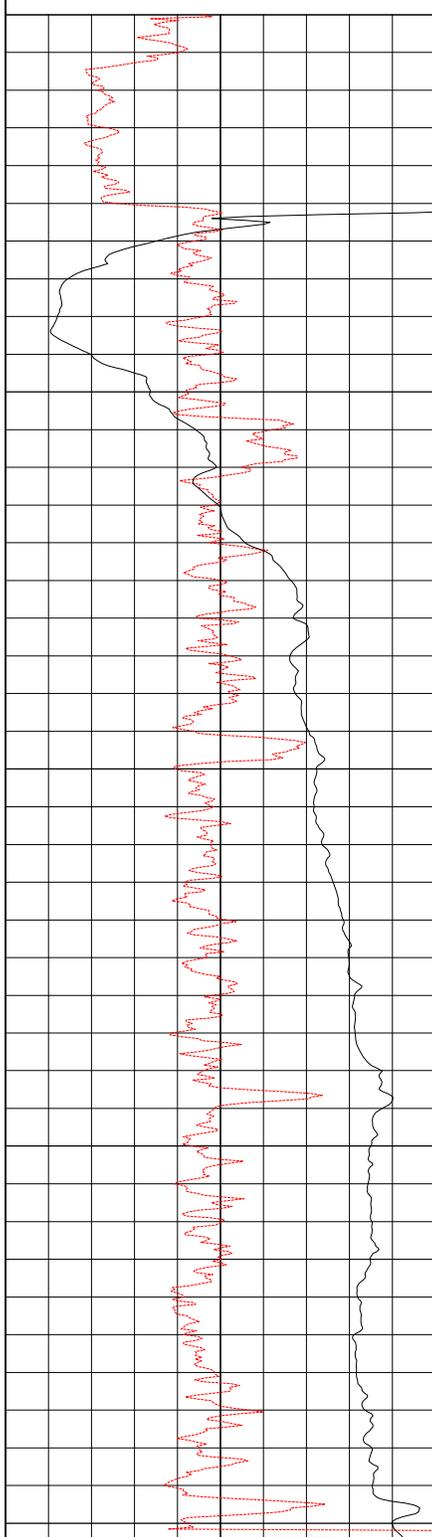
Single Page

< - S.P. (15 mV/div) + >

0 Gamma Ray (api) 150

0 64 Inch Normal (ohmmeter<sup>2</sup>/m) 50

0 16 Inch Normal (ohmmeter<sup>2</sup>/m) 50 | 0 Single Point (ohms) 30





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California Contractor's License No. 722373

### 3-ARM CALIPER LOG

FILING NO.	COMPANY <u>AECOM</u>	
	WELL <u>W-01</u>	
	FIELD <u>Blythe</u>	
	STATE <u>California</u>	COUNTY <u>San Bernardino</u>
JOB NO. <b>12124</b>	LOCATION: <u>North of Blythe Airport about six miles.</u>	OTHER SERVICES: <b>Sonic Elog</b>
	SEC: <u>1</u> TWP: <u>6S</u> RGE: <u>21E</u> LAT.: <u>33° 40' 25.2"</u> LONG.: <u>114° 43' 45.6"</u> MERIDIAN.: <u>San Bernardino</u>	

Permanent Datum: Ground Level, Elev. 440 Ft. Elev.: K.B. \_\_\_\_\_ Ft.  
 Log Measured From: Ground Level, 0 Ft. Above Perm. Datum D.F. \_\_\_\_\_ Ft.  
 Drilling Measured From: Ground Level G.L. 440 Ft.

Date	<u>Aug. 17, 2009</u>		
Type Of Log	<u>Caliper</u>		
Run	<u>One</u>		
Depth-Driller	<u>401</u> Ft	Ft	Ft
Depth-Logger	<u>402</u> Ft	Ft	Ft
Top Logged Interval	<u>0</u> Ft	Ft	Ft
Btm. Logged Interval	<u>398</u> Ft	Ft	Ft
Type Fluid In Hole	<u>Bentonite</u>		
Fluid Level	<u>80</u> Ft	Ft	Ft
Max Temp	<u>N/A</u> °F	°F	°F
Operating Rig Time	<u>1</u> Hr	Hr	Hr
Van No.	Location	<u>LV-1</u>	<u>Bfld</u>
Recorded By	<u>Dan Ihde</u>		
Witnessed By	<u>Brian Zenko</u>		

RUN NO.	BOREHOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	TYPE	FROM	TO
<b>1</b>	<b>8.5</b> In	<b>60</b> Ft	<b>401</b> Ft	<b>9.625</b> In	<b>Steel</b>	<b>0</b> Ft	<b>60</b> Ft
<b>2</b>	In	Ft	Ft	In		Ft	Ft
<b>3</b>	In	Ft	Ft	In		Ft	Ft

## Miscellaneous Information

Remarks:

A recreational GPS accurate to +/- 45 feet set for Datum NAD27 was used to calculate Latitude, Longitude & Elevation values. The Section, Township, and Range then determined using the TRS program (TRS accuracy is not guaranteed). The TRS program converts Latitude and Longitude to Section, Township, and Range. The NOTICE at the bottom of this heading also applies.

Drilled By: WDC

Perforated Intervals:


Line Speed:


Borehole Volume Calculations:


Other Information:


**NOTICE: All interpretations are opinions based on inferences from electrical and other measurements and we do not guarantee the accuracy or correctness of any verbal or written interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.**

*welenco, inc. August 17, 2009*

### 3-ARM CALIPER LOG

DEPTHS

5 in/100ft

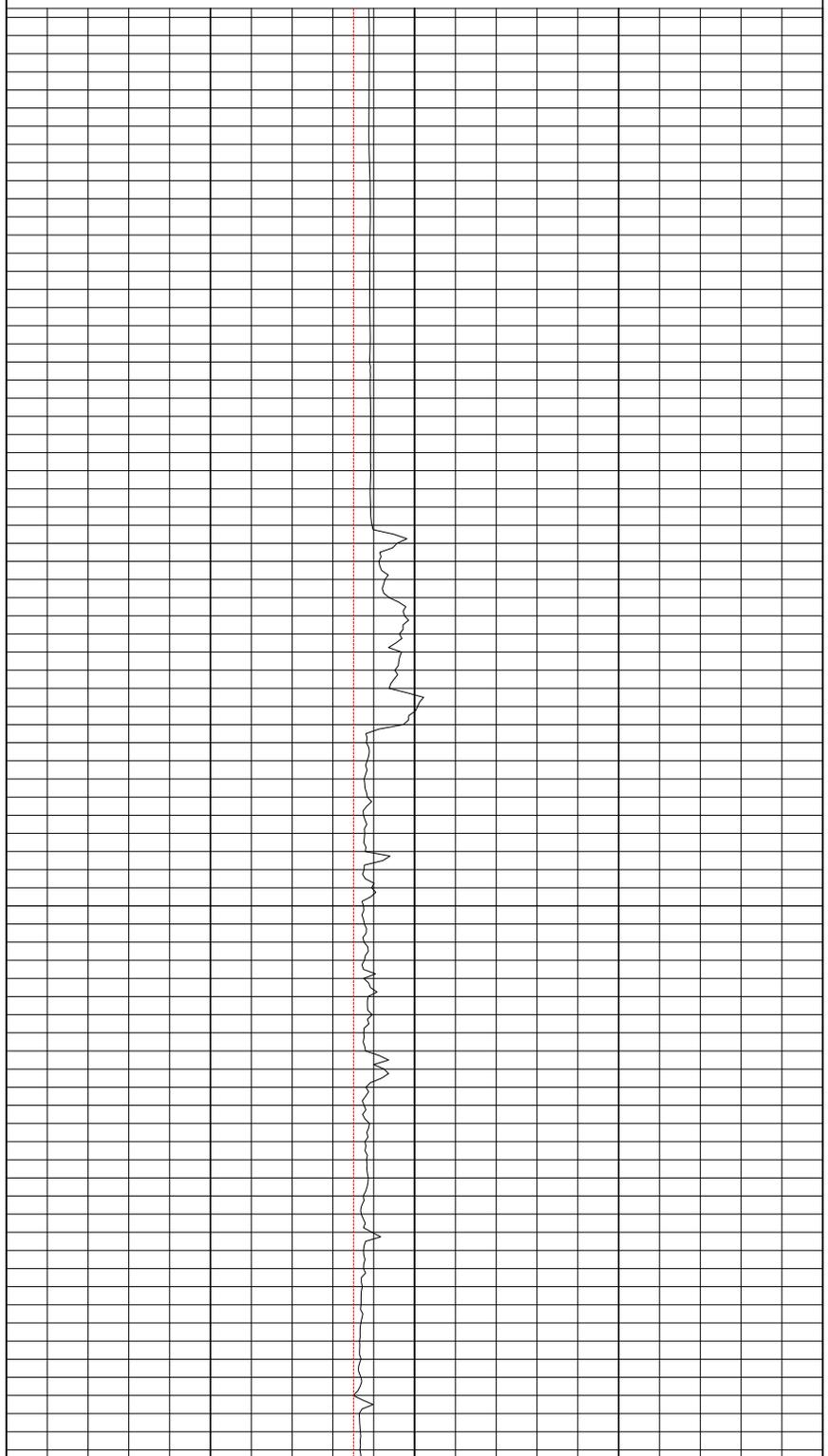
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0 3-Arm Caliper (inches) 20

1

50

100

150

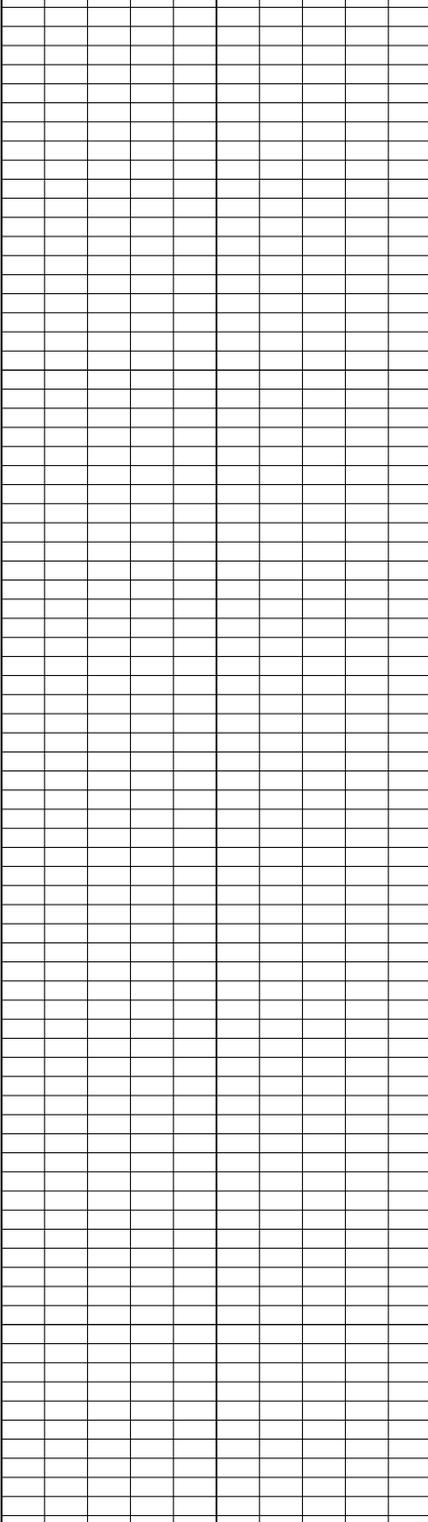


3-ARM CALIPER LOG

DEPTHS

5 in/100ft

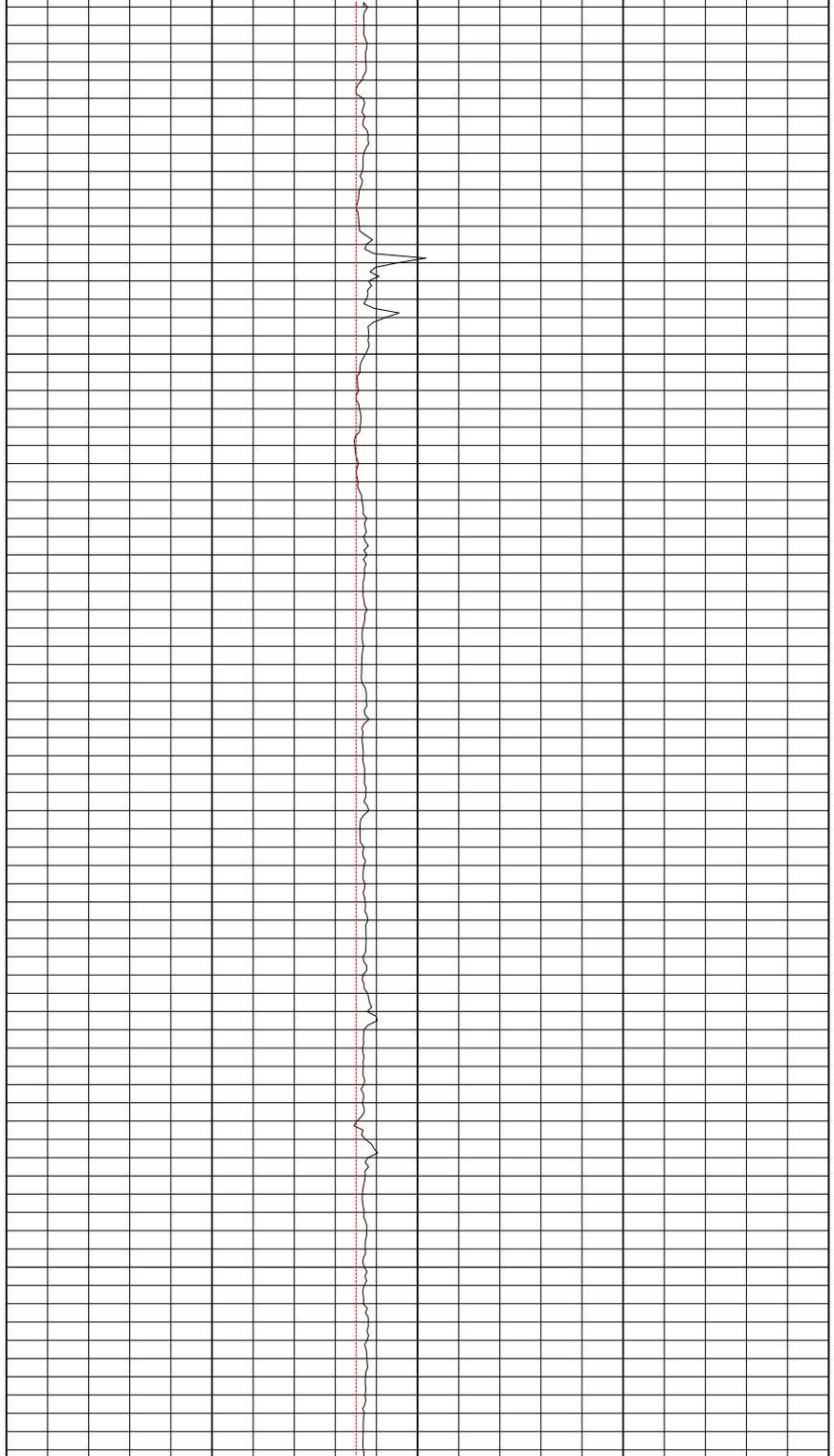
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0 3-Arm Caliper (inches) 20

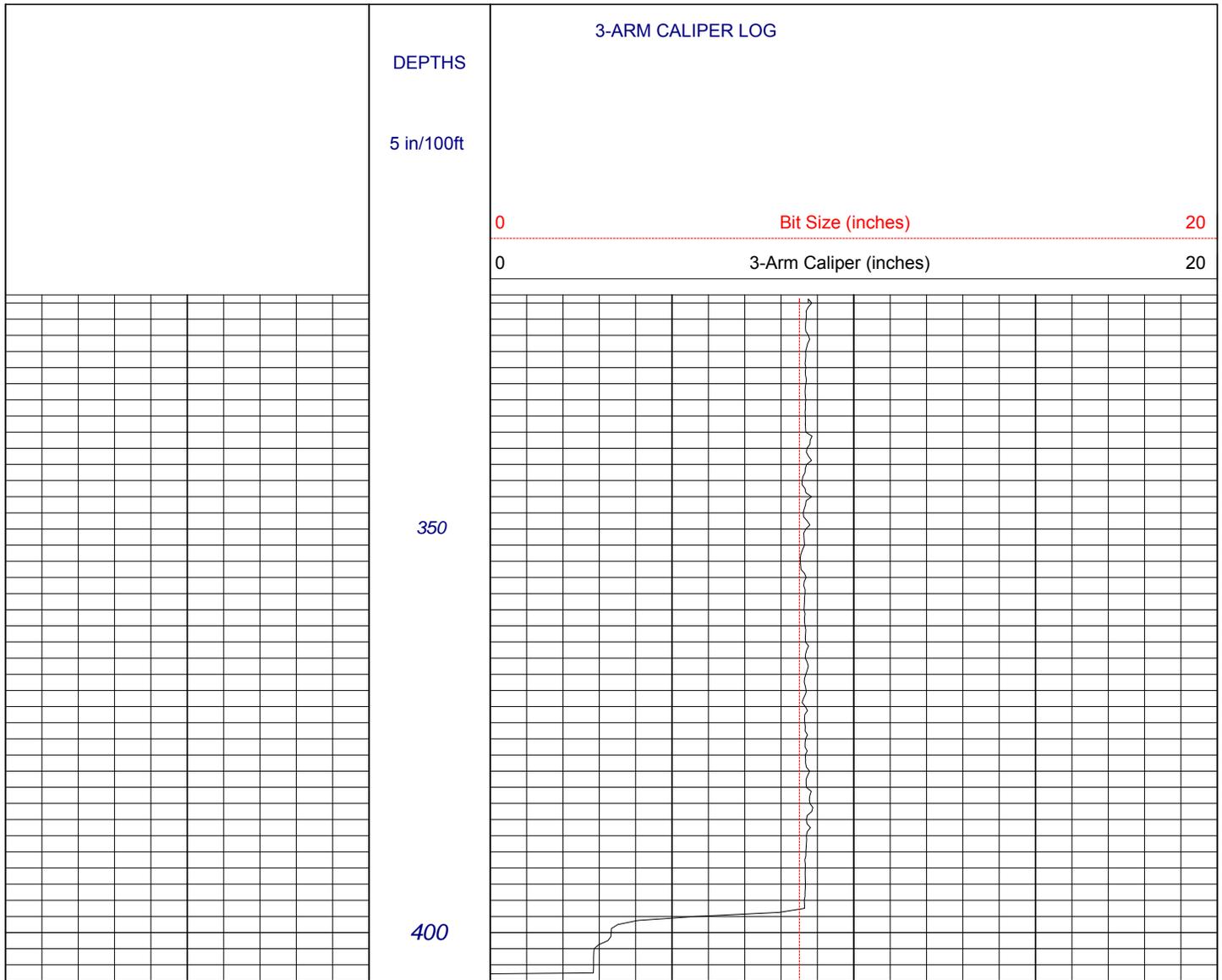


200

250

300







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## 3-ARM CALIPER LOG

FILING NO.	COMPANY <u>AECOM</u>		
	WELL <u>W-01</u>		
	FIELD <u>Blythe</u>		
	STATE <u>California</u>	COUNTY <u>San Bernardino</u>	
	LOCATION: <u>North of Blythe Airport about six miles.</u>		OTHER SERVICES: <u>Sonic Elog</u>
JOB NO. <b>12124</b>	SEC: <u>1</u> TWP: <u>6S</u> RGE: <u>21E</u> LAT.: <u>33° 40' 25.2"</u> LONG.: <u>114° 43' 45.6"</u> MERIDIAN.: <u>San Bernardino</u>		

Permanent Datum: Ground Level, Elev. 440 Ft. Elev.: K.B. \_\_\_\_\_ Ft.  
 Log Measured From: Ground Level, 0 Ft. Above Perm. Datum D.F. \_\_\_\_\_ Ft.  
 Drilling Measured From: Ground Level G.L. 440 Ft.

Date	<u>Aug. 17, 2009</u>		
Type Of Log	<u>Caliper</u>		
Run	<u>One</u>		
Depth-Driller	<u>401</u> Ft	Ft	Ft
Depth-Logger	<u>402</u> Ft	Ft	Ft
Top Logged Interval	<u>0</u> Ft	Ft	Ft
Btm. Logged Interval	<u>398</u> Ft	Ft	Ft
Type Fluid In Hole	<u>Bentonite</u>		
Fluid Level	<u>80</u> Ft	Ft	Ft
Max Temp	<u>N/A</u> °F	°F	°F
Operating Rig Time	<u>1</u> Hr	Hr	Hr
Van No.	Location	<u>LV-1</u>	<u>Bfld</u>
Recorded By	<u>Dan Ihde</u>		
Witnessed By	<u>Brian Zenko</u>		

RUN NO.	BOREHOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	TYPE	FROM	TO
<b>1</b>	<b>8.5</b> In	<b>60</b> Ft	<b>401</b> Ft	<b>9.625</b> In	<b>Steel</b>	<b>0</b> Ft	<b>60</b> Ft
<b>2</b>	In	Ft	Ft	In		Ft	Ft
<b>3</b>	In	Ft	Ft	In		Ft	Ft

## Miscellaneous Information

Remarks:

A recreational GPS accurate to +/- 45 feet set for Datum NAD27 was used to calculate Latitude, Longitude & Elevation values. The Section, Township, and Range then determined using the TRS program (TRS accuracy is not guaranteed). The TRS program converts Latitude and Longitude to Section, Township, and Range. The NOTICE at the bottom of this heading also applies.

Drilled By: WDC

Perforated Intervals:


Line Speed:


Borehole Volume Calculations:


Other Information:


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*welenco, inc. August 17, 2009*

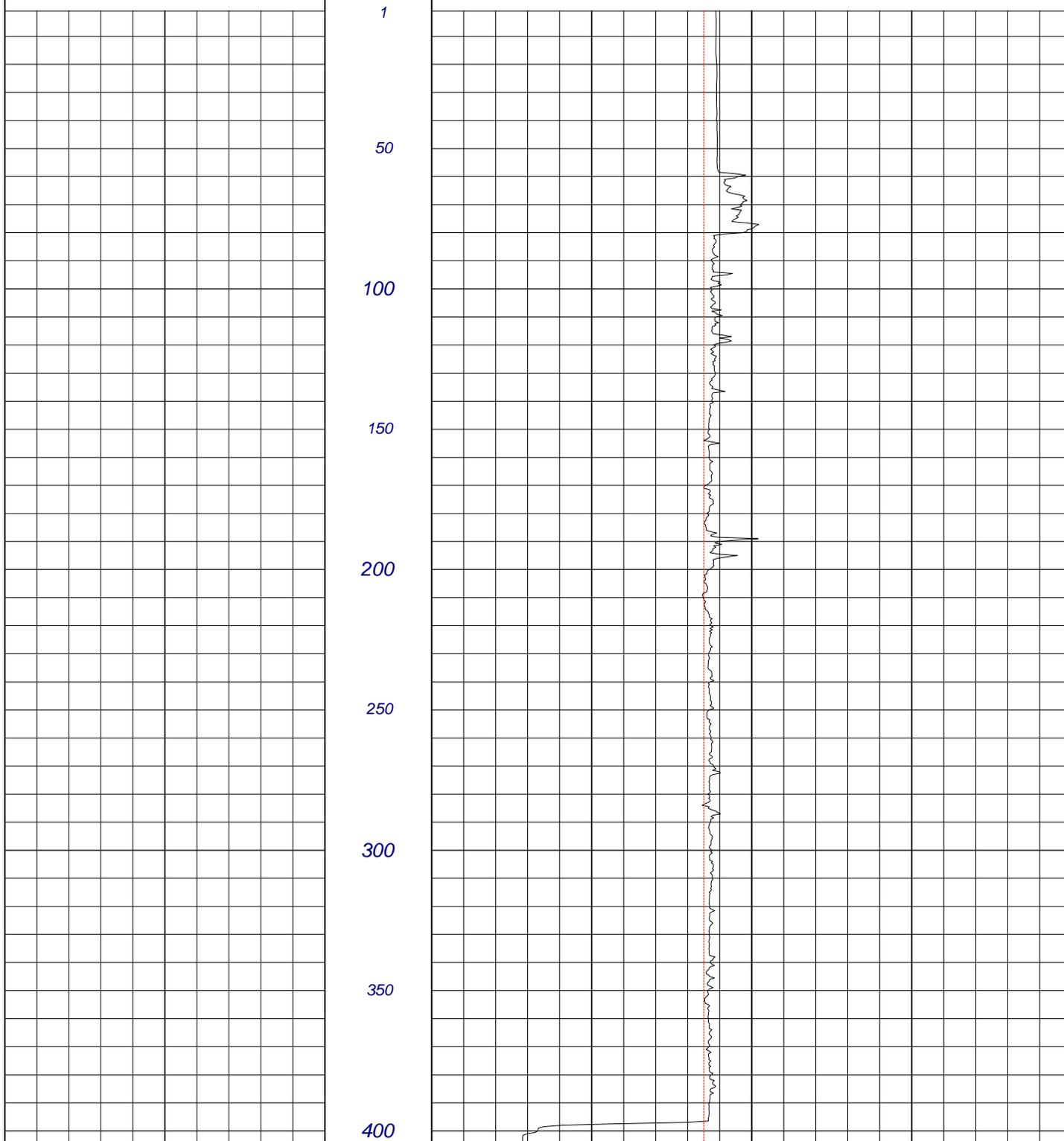
3-ARM CALIPER LOG

DEPTHS

Single Page

0 Bit Size (inches) 20

0 3-Arm Caliper (inches) 20





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## SONIC-VDL-POROSITY LOG

FILING NO.	COMPANY <u>AECOM</u>		
	WELL <u>W-01</u>		
	FIELD <u>Blythe</u>		
	STATE <u>California</u>	COUNTY <u>San Bernardino</u>	
	LOCATION: <u>North of Blythe Airport about six miles.</u>		OTHER SERVICES: <u>Caliper Elog</u>
JOB NO. <b>12124</b>	SEC: <u>1</u> TWP: <u>6S</u> RGE: <u>21E</u> LAT.: <u>33° 40' 25.2"</u> LONG.: <u>114° 43' 45.6"</u> MERIDIAN.: <u>San Bernardino</u>		

Permanent Datum: Ground Level, Elev. 440 Ft. Elev.: K.B. \_\_\_\_\_ Ft.  
 Log Measured From: Ground Level, 0 Ft. Above Perm. Datum D.F. \_\_\_\_\_ Ft.  
 Drilling Measured From: Ground Level G.L. 440 Ft.

Date	<u>Aug. 17, 2009</u>				
Type Of Log	<u>Sonic</u>				
Run	<u>One</u>				
Depth-Driller	<u>401</u>	Ft		Ft	Ft
Depth-Logger	<u>402</u>	Ft		Ft	Ft
Top Logged Interval	<u>82</u>	Ft		Ft	Ft
Btm. Logged Interval	<u>395</u>	Ft		Ft	Ft
Type Fluid In Hole	<u>Bentonite</u>				
Fluid Level	<u>80</u>	Ft		Ft	Ft
Max Temp	<u>N/A</u>	°F		°F	°F
Operating Rig Time	<u>1</u>	Hr		Hr	Hr
Van No.	Location	<u>LV-1</u>	<u>Bfld</u>		
Recorded By	<u>Dan Ihde</u>				
Witnessed By	<u>Brian Zenko</u>				

RUN NO.	BOREHOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	TYPE	FROM	TO
<b>1</b>	<b>8.5</b> In	<b>60</b> Ft	<b>401</b> Ft	<b>9.625</b> In	<b>Steel</b>	<b>0</b> Ft	<b>60</b> Ft
<b>2</b>	In	Ft	Ft	In		Ft	Ft
<b>3</b>	In	Ft	Ft	In		Ft	Ft

## Miscellaneous Information

Remarks:

A recreational GPS accurate to +/- 45 feet set for Datum NAD27 was used to calculate Latitude, Longitude & Elevation values. The Section, Township, and Range then determined using the TRS program (TRS accuracy is not guaranteed). The TRS program converts Latitude and Longitude to Section, Township, and Range. The NOTICE at the bottom of this heading also applies.

Drilled By: WDC

Perforated Intervals:

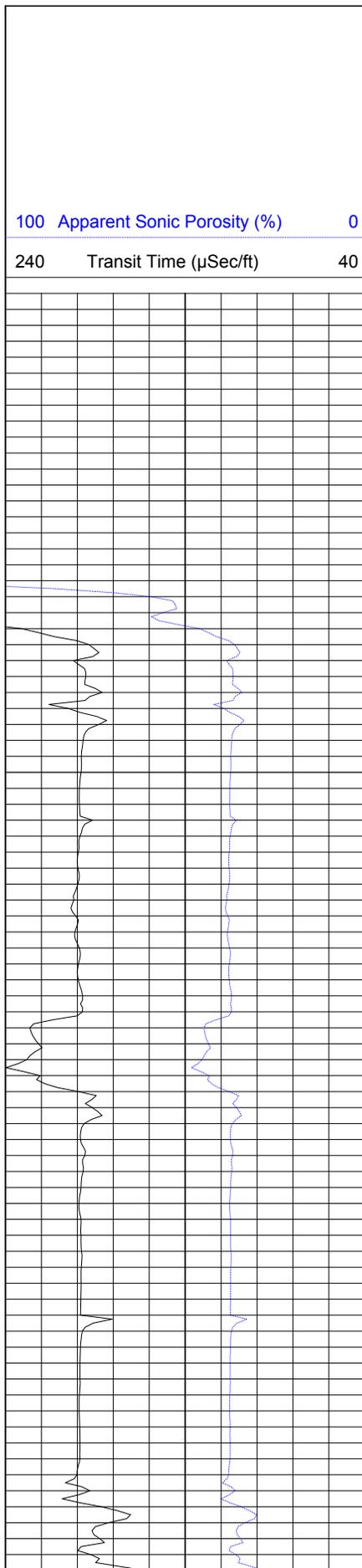

Line Speed:


Borehole Volume Calculations:


Other Information:


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*welenco, inc. August 17, 2009*



SONIC-VDL-POROSITY LOG

DEPTHS

5 in/100ft

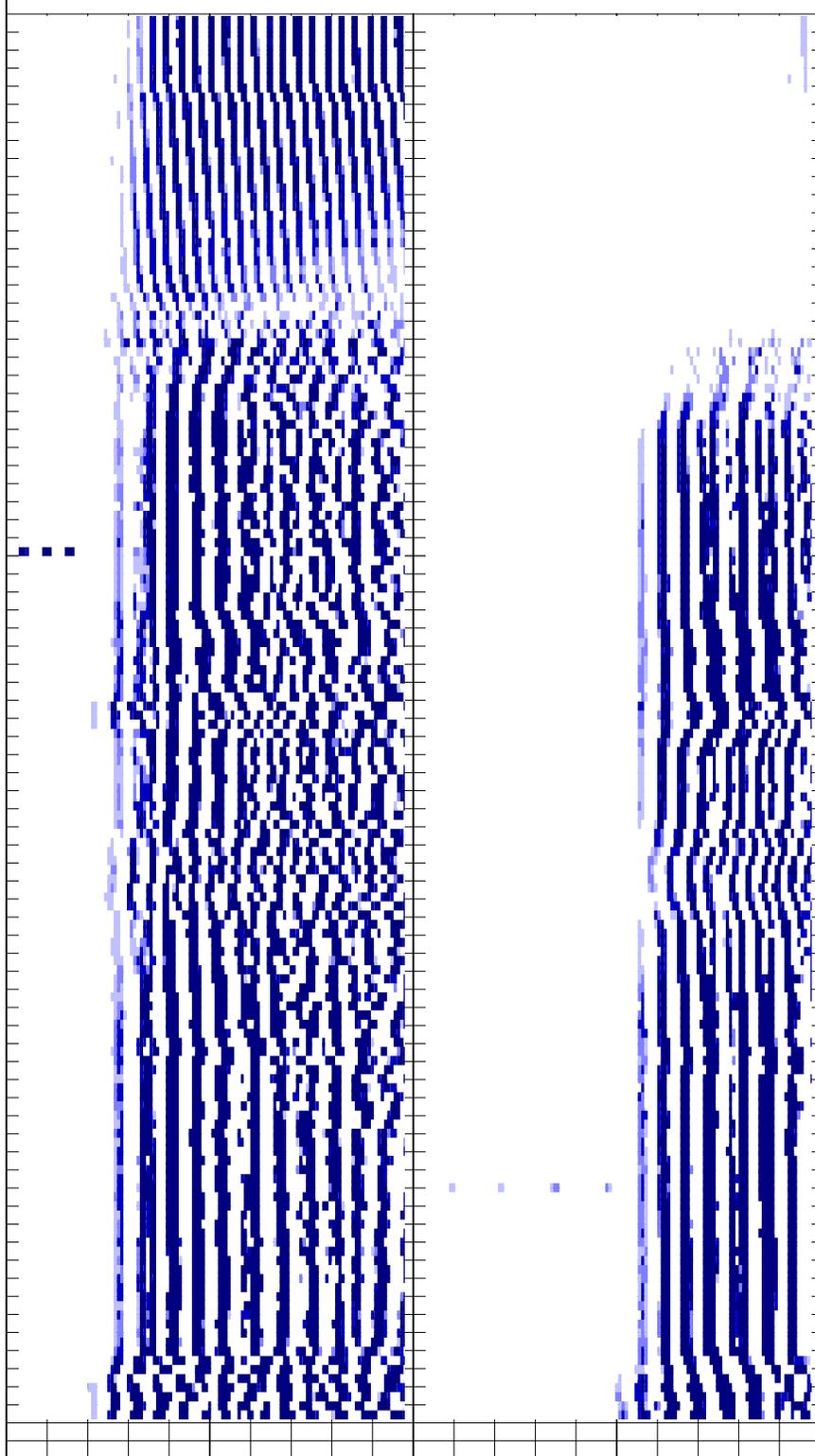
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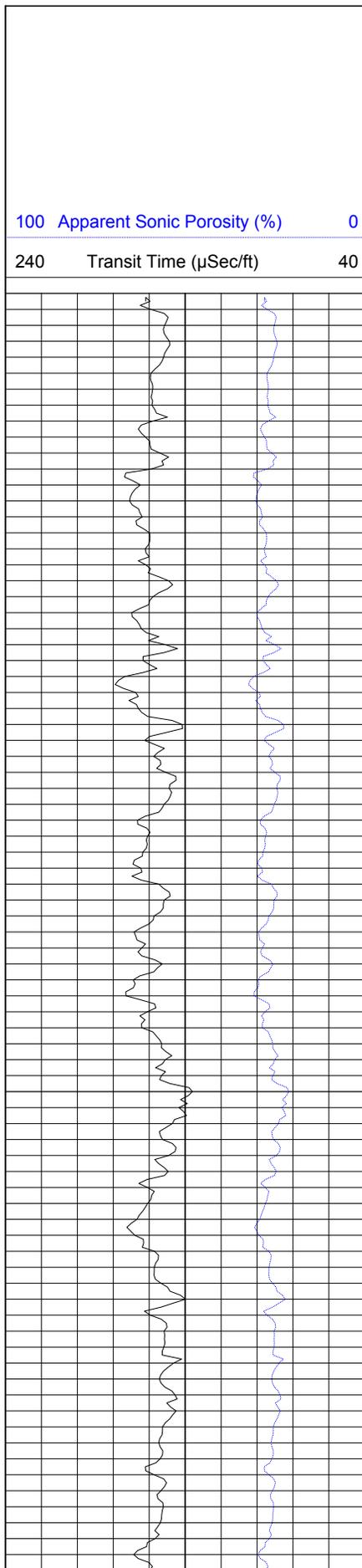
50

100

150

200





SONIC-VDL-POROSITY LOG

DEPTHS

5 in/100ft

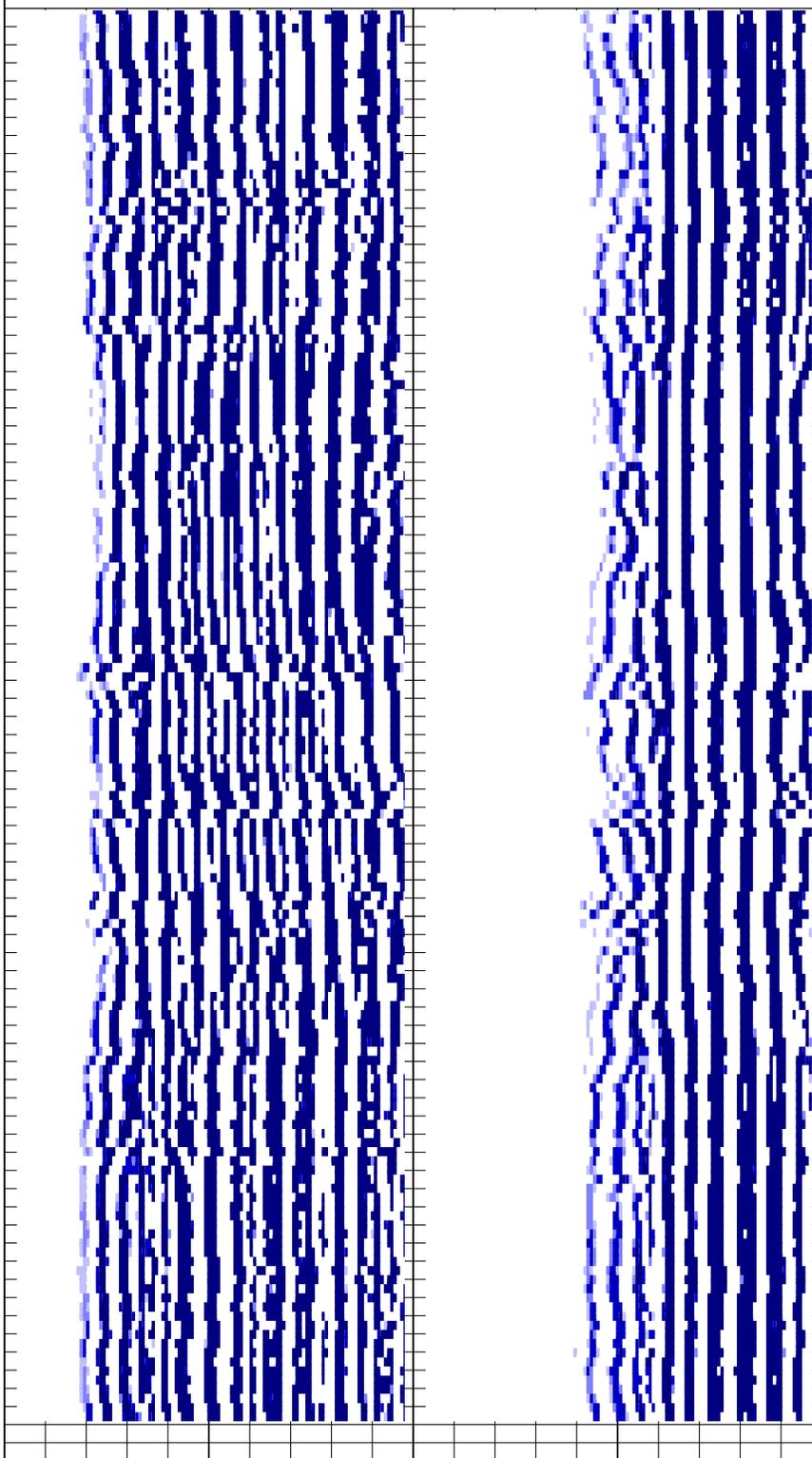
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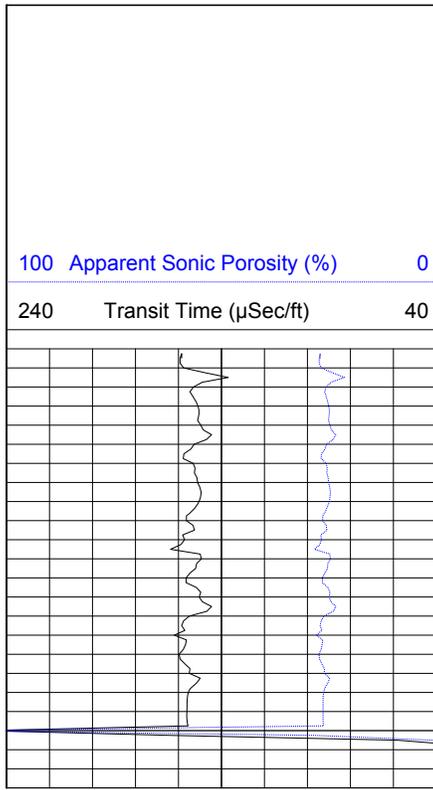
250

300

350

200 Near Variable Density (µsecs) 1200 | 200 Far Variable Density (µsecs) 1200





Log Page No. 3 of 3 Pages

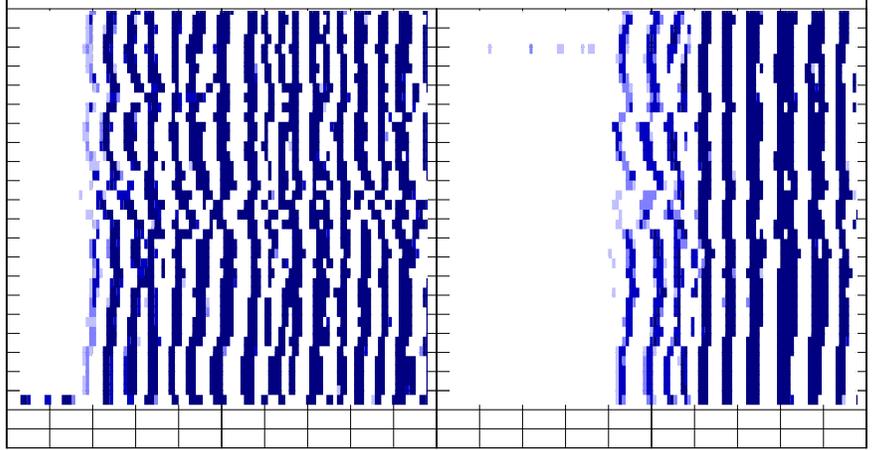
DEPTHS

5 in/100ft

SONIC-VDL-POROSITY LOG

200 Near Variable Density (µsecs) 1200 | 200 Far Variable Density (µsecs) 1200

400



Page Length: 360 - 406 Feet (46 Feet)

Time: 12:24:28 PM

Date: Aug 17, 2009



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## SONIC-VDL-POROSITY LOG

FILING NO.	COMPANY <u>AECOM</u>		
	WELL <u>W-01</u>		
	FIELD <u>Blythe</u>		
	STATE <u>California</u>	COUNTY <u>San Bernardino</u>	
	LOCATION: <u>North of Blythe Airport about six miles.</u>		OTHER SERVICES: <u>Caliper Elog</u>
JOB NO. <b>12124</b>	SEC: <u>1</u> TWP: <u>6S</u> RGE: <u>21E</u> LAT.: <u>33° 40' 25.2"</u> LONG.: <u>114° 43' 45.6"</u> MERIDIAN.: <u>San Bernardino</u>		

Permanent Datum: Ground Level, Elev. 440 Ft. Elev.: K.B. \_\_\_\_\_ Ft.  
 Log Measured From: Ground Level, 0 Ft. Above Perm. Datum D.F. \_\_\_\_\_ Ft.  
 Drilling Measured From: Ground Level G.L. 440 Ft.

Date	<u>Aug. 17, 2009</u>						
Type Of Log	<u>Sonic</u>						
Run	<u>One</u>						
Depth-Driller	<u>401</u>	Ft		Ft		Ft	Ft
Depth-Logger	<u>402</u>	Ft		Ft		Ft	Ft
Top Logged Interval	<u>82</u>	Ft		Ft		Ft	Ft
Btm. Logged Interval	<u>395</u>	Ft		Ft		Ft	Ft
Type Fluid In Hole	<u>Bentonite</u>						
Fluid Level	<u>80</u>	Ft		Ft		Ft	Ft
Max Temp	<u>N/A</u>	°F		°F		°F	°F
Operating Rig Time	<u>1</u>	Hr		Hr		Hr	Hr
Van No.	<u>LV-1</u>	<u>Bfld</u>					
Recorded By	<u>Dan Ihde</u>						
Witnessed By	<u>Brian Zenko</u>						

RUN NO.	BOREHOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	TYPE	FROM	TO
<b>1</b>	<b>8.5</b> In	<b>60</b> Ft	<b>401</b> Ft	<b>9.625</b> In	<b>Steel</b>	<b>0</b> Ft	<b>60</b> Ft
<b>2</b>	In	Ft	Ft	In		Ft	Ft
<b>3</b>	In	Ft	Ft	In		Ft	Ft

## Miscellaneous Information

Remarks:

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Drilled By: WDC

Perforated Intervals:


Line Speed:


Borehole Volume Calculations:


Other Information:


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*welenco, inc. August 17, 2009*

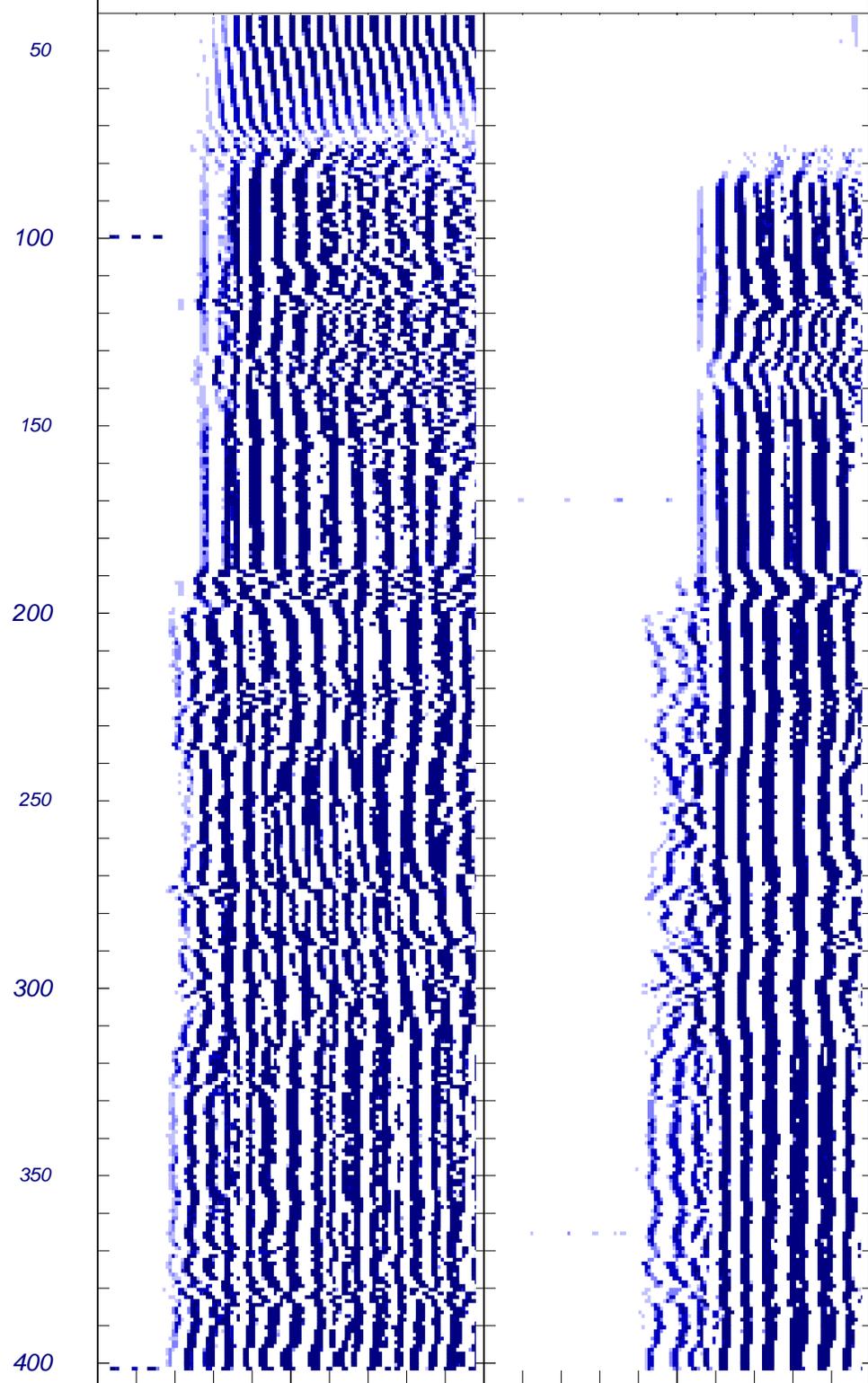
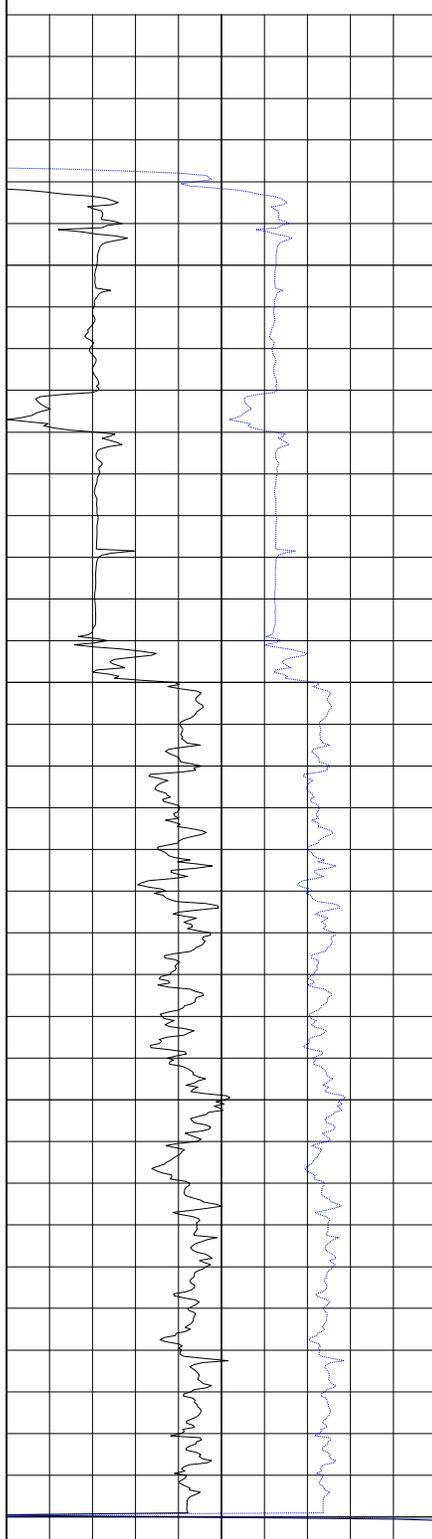
SONIC-VDL-POROSITY LOG

DEPTHS  
Single Page

100 Apparent Sonic Porosity (%) 0

240 Transit Time (μSec/ft) 40

200 Near Variable Density (μsecs) 1200 | 200 Far Variable Density (μsecs) 1200



**Attachment J3-C**  
**Surveyor's Data for Wells**



November 3, 2009

AECOM Environment  
 1220 Avenida ACASO  
 Camarillo, CA. 93012-8738

Attention: Bob Wilson

Reference: Monitor Wells Coordinates Survey at  
 Blythe/Palen California Sites

Dear Bob,

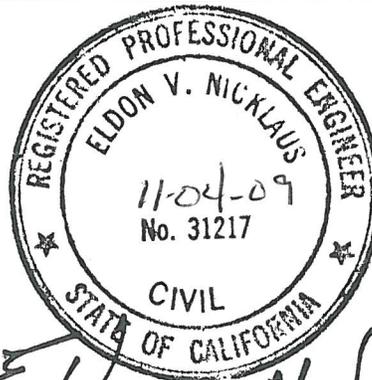
As requested, we field surveyed the location of monitor wells at the Blythe site on Friday, October 23, 2009 and at the Palen site on Wednesday, October 28, 2009. We determined the horizontal coordinates of the monitor wells in the NAD 83 system and the vertical elevations in the NAVD 88 system of California East Zone 6. The following list shows the resulting coordinates of the surveyed points.

Point ID	Northing (Ft.)	Easting (Ft.)	Elevations (Ft.)		
			Casing	Rim	Concrete
<b>Blythe Site:</b>					
OW 1	2192082.725	7024287.361	448.68	449.08	447.09
OW 2	2192070.131	7024373.600	448.57	449.24	446.80
Test Well	2192063.430	7024424.733	-----	447.97	446.39 MET
<b>Palen Site:</b>					
OW 1	2194762.045	6874599.697	600.59	601.59	599.30
OW 2	2194807.072	6874638.368	599.53	600.57	598.08
Test Well	2194756.220	6874549.787	-----	600.96	599.58 GRD

Please let me know if you have any questions.

Sincerely,  
 Nicklaus Engineering, Inc.

E. Vonne Nicklaus, PE/RLS  
 President/CEO



## **Attachment J3-D**

### **Geotechnical Laboratory Data**





### Moisture Content Unit Weight

**Project Name:** Solar - Blythe      **Date Tested:** 8/25/2009

**Project No.:** 104961 - BLY E      **Tested By:** MP/RR      **Sample Diameter:** 1.925

$$\text{Unit Weight (pcf)} = \frac{1.296 \times \text{Sample Weight}}{\text{Sample Length}}$$

<b>Boring No.</b>	WO-2	WO-2	WO-2	WO-2		
<b>Depth</b>	286.0	312.0	335.0	361.0		
<b>Sample No.</b>	A	B	C	D		
<b>Visual Manual Soil Description</b>						
<b>Classification Symbol</b>	ML	SP-SM	SP-SM	SP-SM		
<b>Length (in.)</b>	5.5	6.0	6.0	6.0		
<b>Wt. Sample + Rings (gms.)</b>	640.5	705.4	673.5	719.6		
<b>Wt. Rings (gms.)</b>	187.1	189.1	191.2	188.8		
<b>Wt. Sample (gms.)</b>	453.4	516.3	482.3	530.8		
<b>Wet Density (pcf)</b>	106.8	111.5	104.2	114.7		
<b>Dry Density (pcf)</b>	88.8	90.8	82.4	92.9		
<b>Max Dry Density (pcf)</b>						
<b>Relative Compaction (%)</b>						
<b>Container Number (Tare)</b>						
<b>Wet Soil + Tare (gms.)</b>	453.4	762.7	730.4	780.3		
<b>Dry Soil + Tare (gms.)</b>	376.9	667.6	629.5	679.8		
<b>Tare Wt. (gms.)</b>	0	250	248.7	249.9		
<b>Wt. Dry Soil (gms.)</b>	376.9	417.6	380.8	429.9		
<b>Moisture Loss (gms.)</b>	76.5	95.1	100.9	100.5		
<b>Moisture Content (%)</b>	20.3	22.8	26.5	23.4		



PERMEABILITY TEST RESULTS  
ASTM D5084

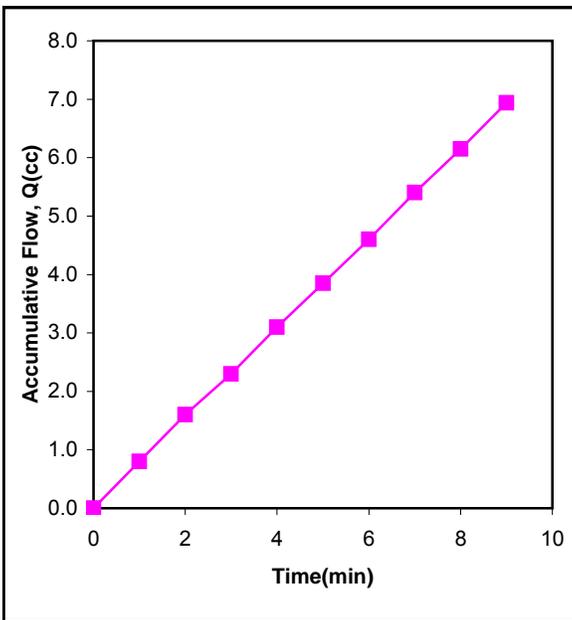
Project Name: Solar Millennium Concentrating Solar Power Tested by KK Date 08/31/09  
 Project No.: 104961/BLYH Calculated by KM Date 09/02/09  
 Boring No.: GW193 FT Checked by AP Date 09/02/09  
 Sample Number: N/A Depth: 361 feet  
 Soil Description: Lt Grayish Brown Poorly-Graded Sand w/silt  
 Test Condition: Tube  
 Confining Pressure = 100 PSI

Remarks: \_\_\_\_\_

INITIAL CONDITION OF SPECIMEN

Diameter (d)	<u>1.93</u>	in		
Sample Area (A)	<u>2.91</u>	in <sup>2</sup>		
Length (L)	<u>3.00</u>	in	Container No.	<u>Before</u> <u>After</u>
Weight Before	<u>282.21</u>	g	Wt. Wet Soil+Container(gms)	<u>143.40</u> <u>735.90</u>
			Wt. Dry Soil+Container(gms)	<u>126.09</u> <u>680.98</u>
Wet Density	<u>123.12</u>	pcf	Wt. Container (gms)	<u>50.13</u> <u>459.89</u>
Dry Density	<u>100.27</u>	pcf	Moisture, (%)	<u>22.79</u> <u>24.84</u>

TEST RESULTS



Time (min)	Flow Rdg (cm)	Burette Factor	Q (cc)	Head, h (psi)	h/L	Q/t (cc/s)
0	35.6	1	0.0	3.0	27.7	0
1	34.8	1	0.8	3.0	27.7	1.33E-02
2	34.0	1	1.6	3.0	27.7	1.33E-02
3	33.3	1	2.3	3.0	27.7	1.17E-02
4	32.5	1	3.1	3.0	27.7	1.33E-02
5	31.8	1	3.9	3.0	27.7	1.25E-02
6	31.0	1	4.6	3.0	27.7	1.25E-02
7	30.2	1	5.4	3.0	27.7	1.33E-02
8	29.5	1	6.2	3.0	27.7	1.25E-02
9	28.7	1	6.9	3.0	27.7	1.32E-02

Hydraulic Conductivity (cm/sec): 2.46E-05

## **Attachment J3-E**

### **Water Quality Field Data, Transducer Data, and AQTESOLV™ Data**

## Ground Water Quality Field Data Record

Client: <u>Solar Millennium LLC</u>	Date: <u>10-6-08 to 10-8-09</u>	Time: Start _____ am/pm
Project No: <u>12944-002-2100</u>		Finish _____ am/pm
Site Location: <u>Blythe, California</u>		
Weather Conds: <u>~ 88 F, wind: 10 - 15 mph</u>	Collector(s): <u>Zoe Diermier</u>	

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length <u>238</u>	c. Length of Water Column <u>42.45'</u> (a-b)	Casing Diameter/Material <u>2-inch dia/Sch 80 PVC</u>
b. Water Table Depth <u>195.55'</u>	d. Calculated System Volume (see back) _____	

**2. WELL PUMPING DATA**

a. Purge Method: Field measurements during 53-hour constant rate pump test. Distance to pumping well = 50 ft.

b. Acceptance Criteria defined (see workplan): NA

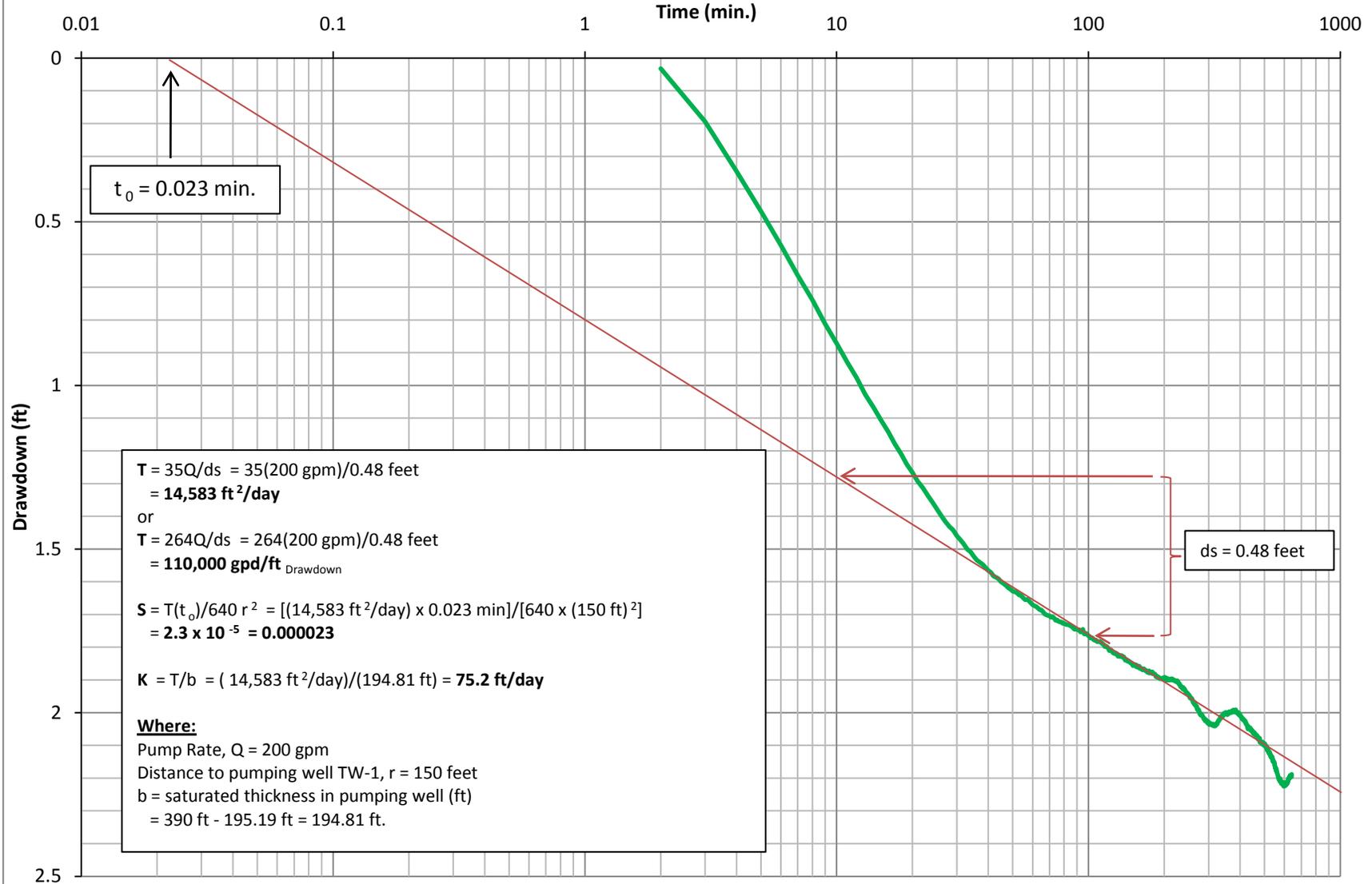
- Temperature                                 -D.O.
- pH   - ORP
- Sp. Cond.   - Drawdown

c. Field Testing Equipment used:                                 Make                                 Model                                 Serial Number

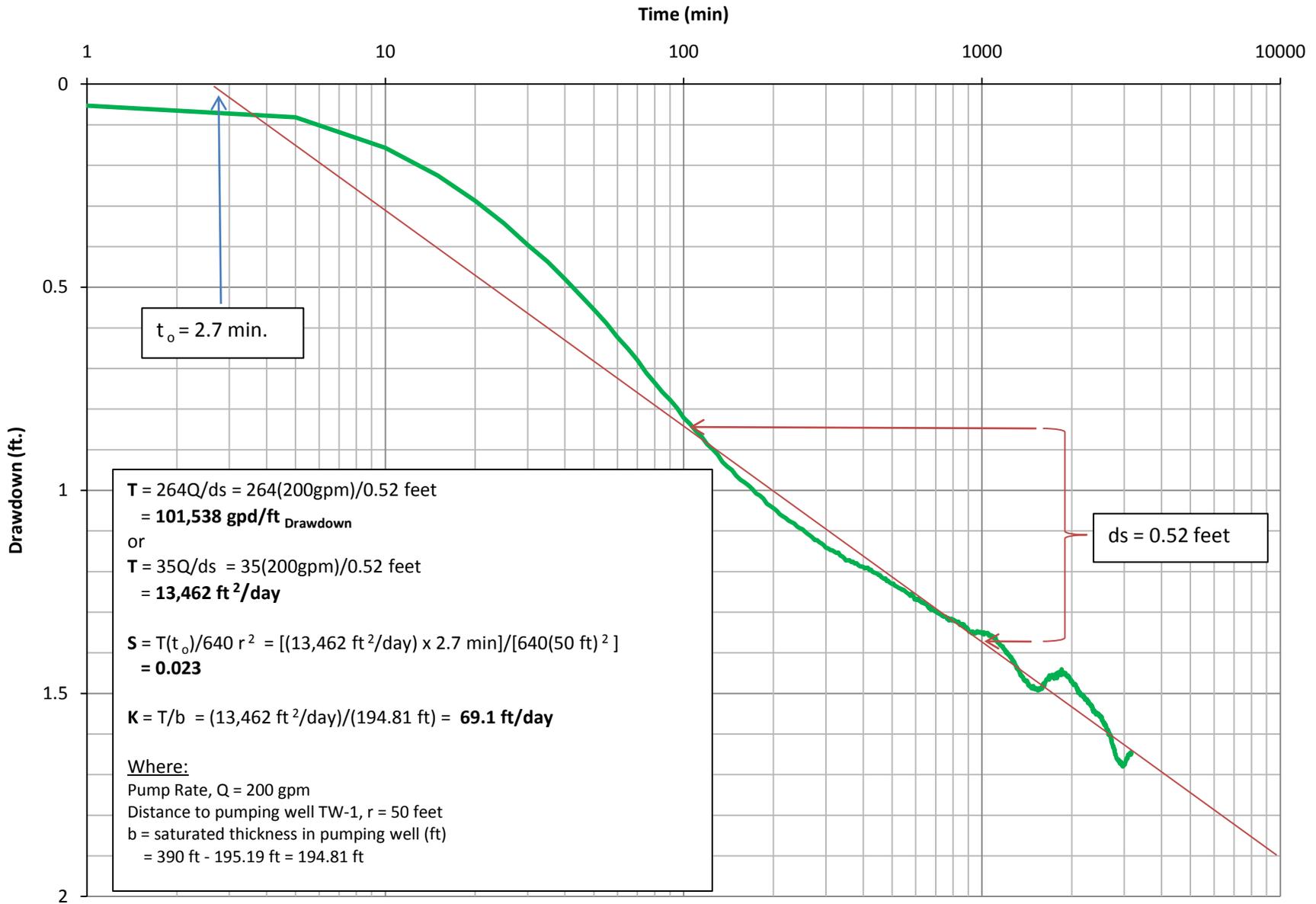
Time (24hr)	Volume		pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Flow Rate (gpm/min)	Depth to Water (feet)	Comments
	Removed (Liters)	Temp. (°C)								
08:23								0	195.55	10-6-09
09:51										Pump on.
10:00								200	196.75	
11:00								200	196.87	
12:00								200	196.93	
13:09								200	197.01	
14:05								200	197.18	
15:05								200	197.28	
15:47								200	197.32	
07:42								200	197.60	10-7-09
10:47								200	197.65	
11:54								200	197.67	
14:11								200	197.68	
07:23								200	197.70	10-8-09
08:30								200	197.70	
09:33								200	197.72	
10:27								200	197.72	
11:35								200	197.75	
12:30								200	197.75	
13:37								200	197.78	
14:30								200	197.80	
14:58								200	197.81	
15:15								0		Pump shut off

Signature \_\_\_\_\_ Date \_\_\_\_\_

### Water Level Drawdown in Well OW-1: Constant Rate Discharge Test, Blythe Solar Power Project



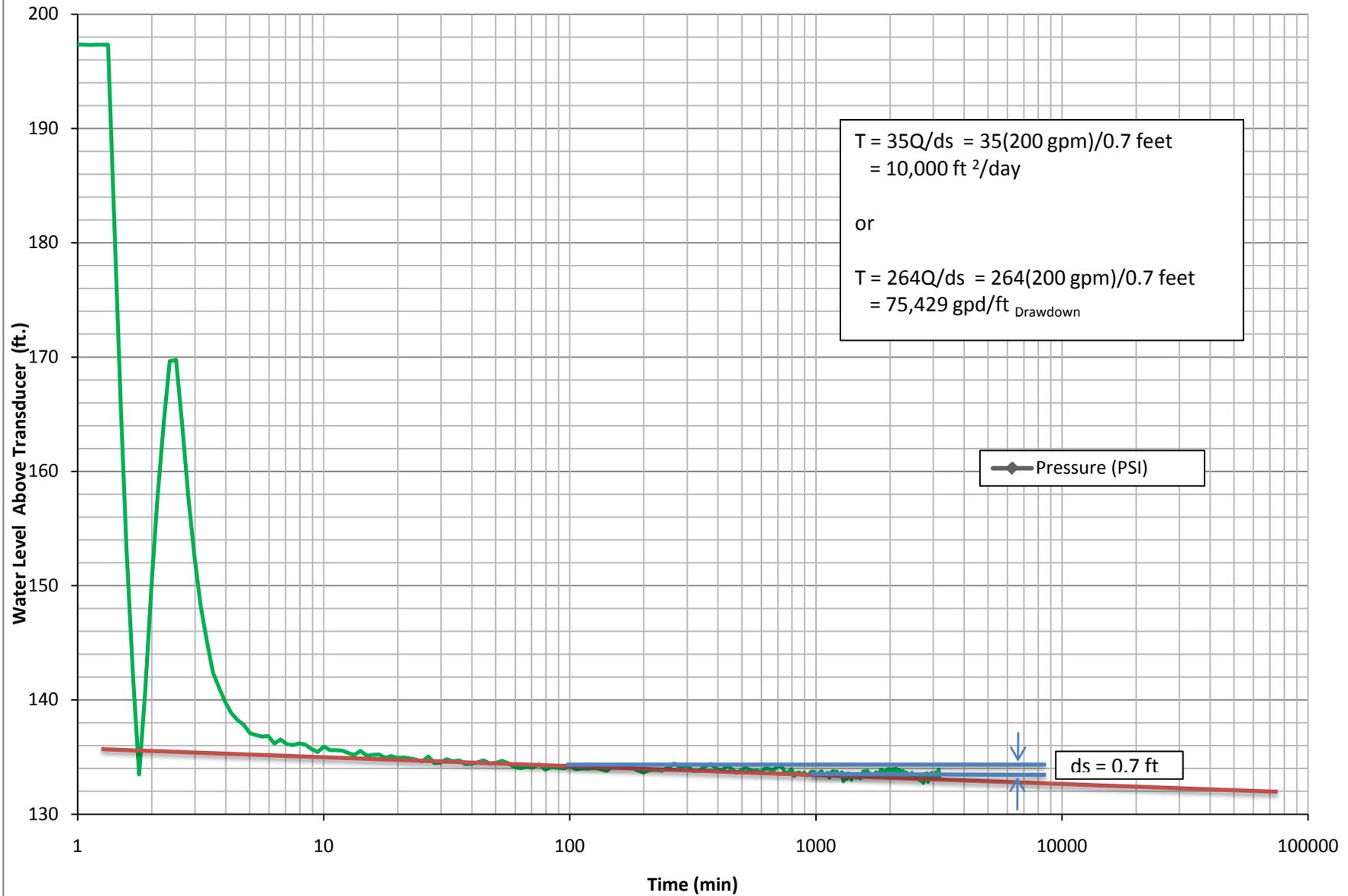
### Water Level Drawdown in Well OW-2: Constant Rate Discharge Test, Blythe Solar Power Project



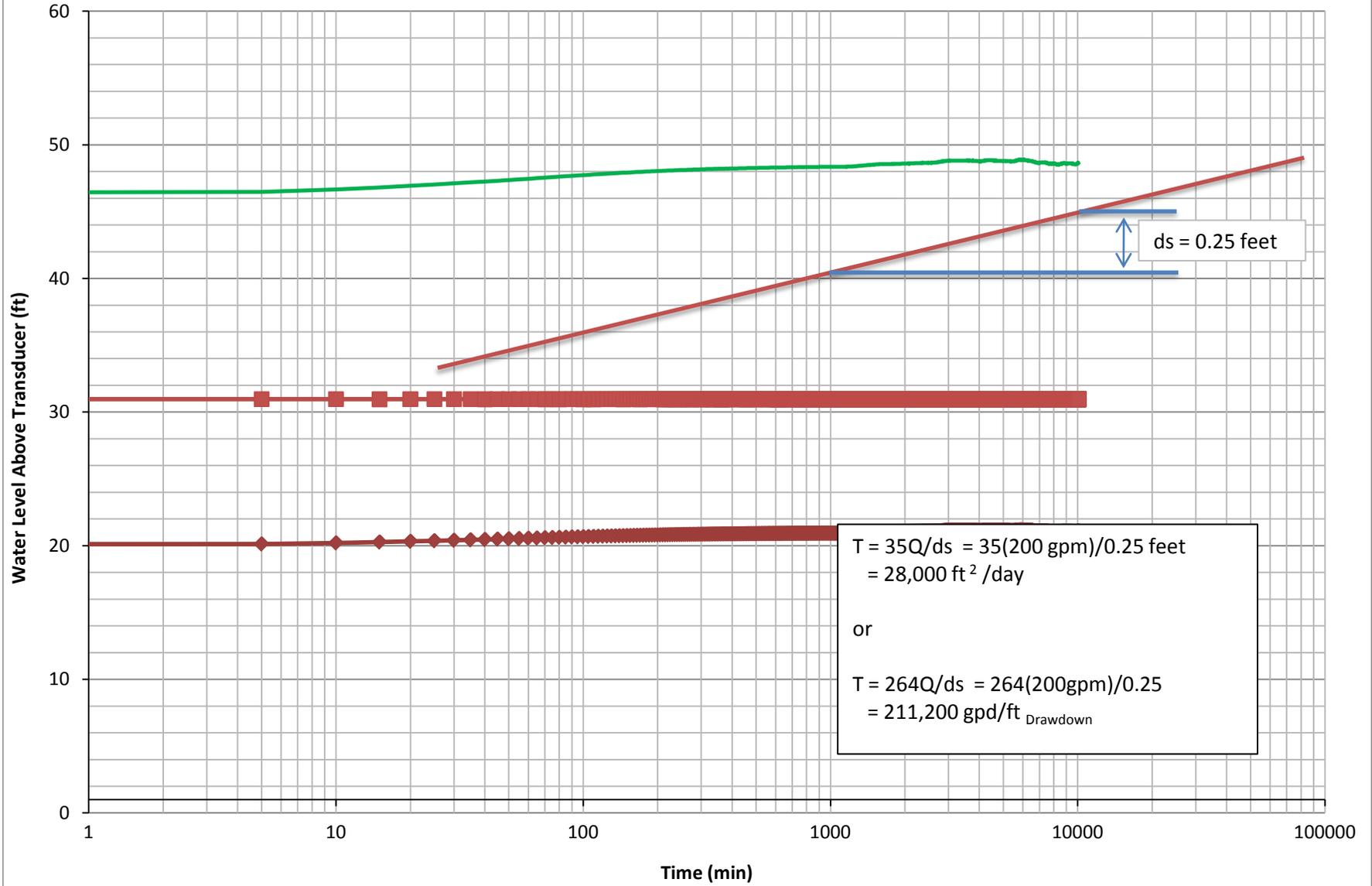
# Water Level Drawdown in Well TW-1: Constant Rate Discharge Test on TW-1, Blythe Solar Power Project

Pump Rate: 200 gpm

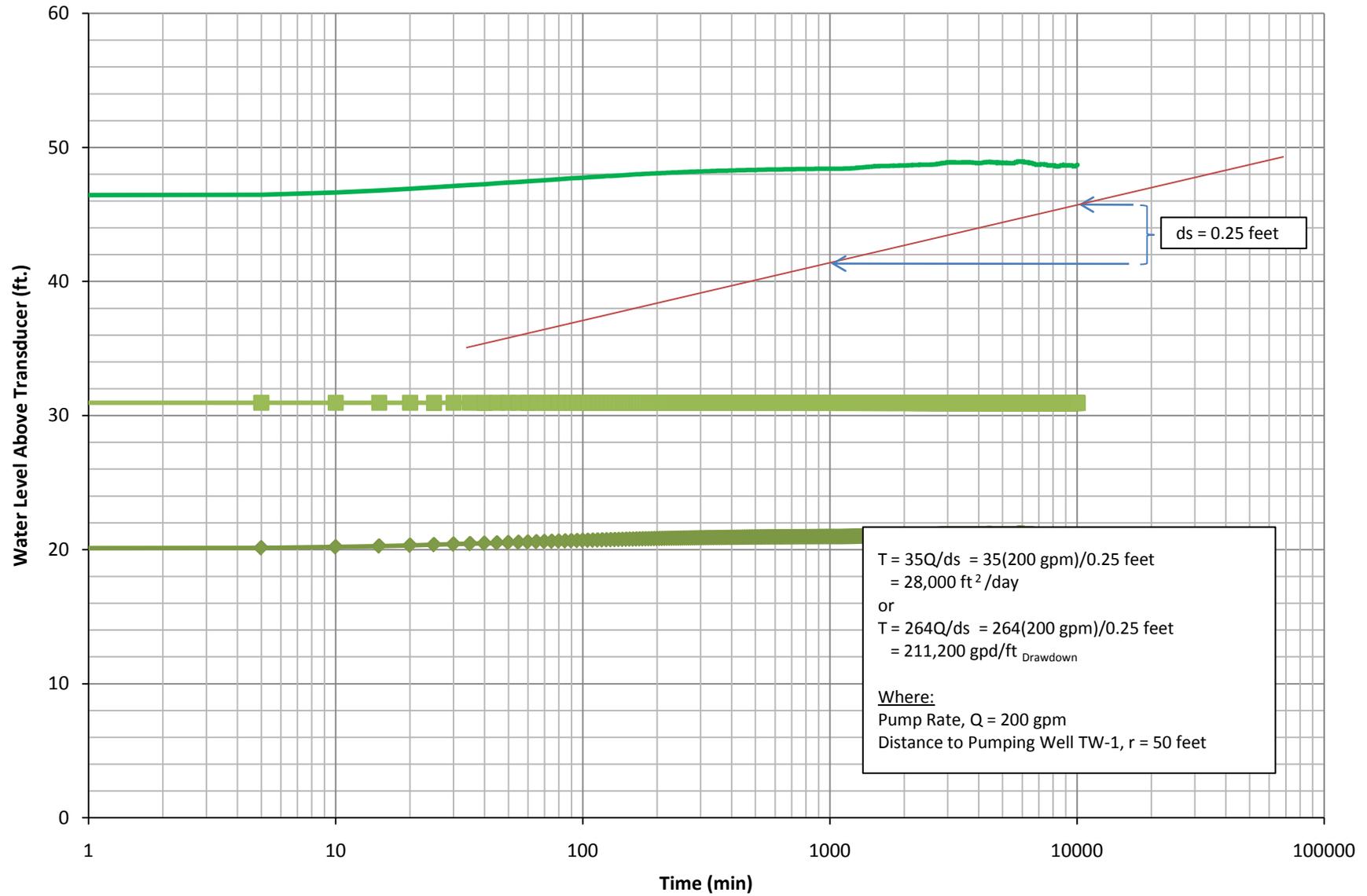
Method of Analysis: Manual Calculation



### Water Level Recovery in Well OW-1: Constant Rate Discharge Test, Blythe Solar Power Project



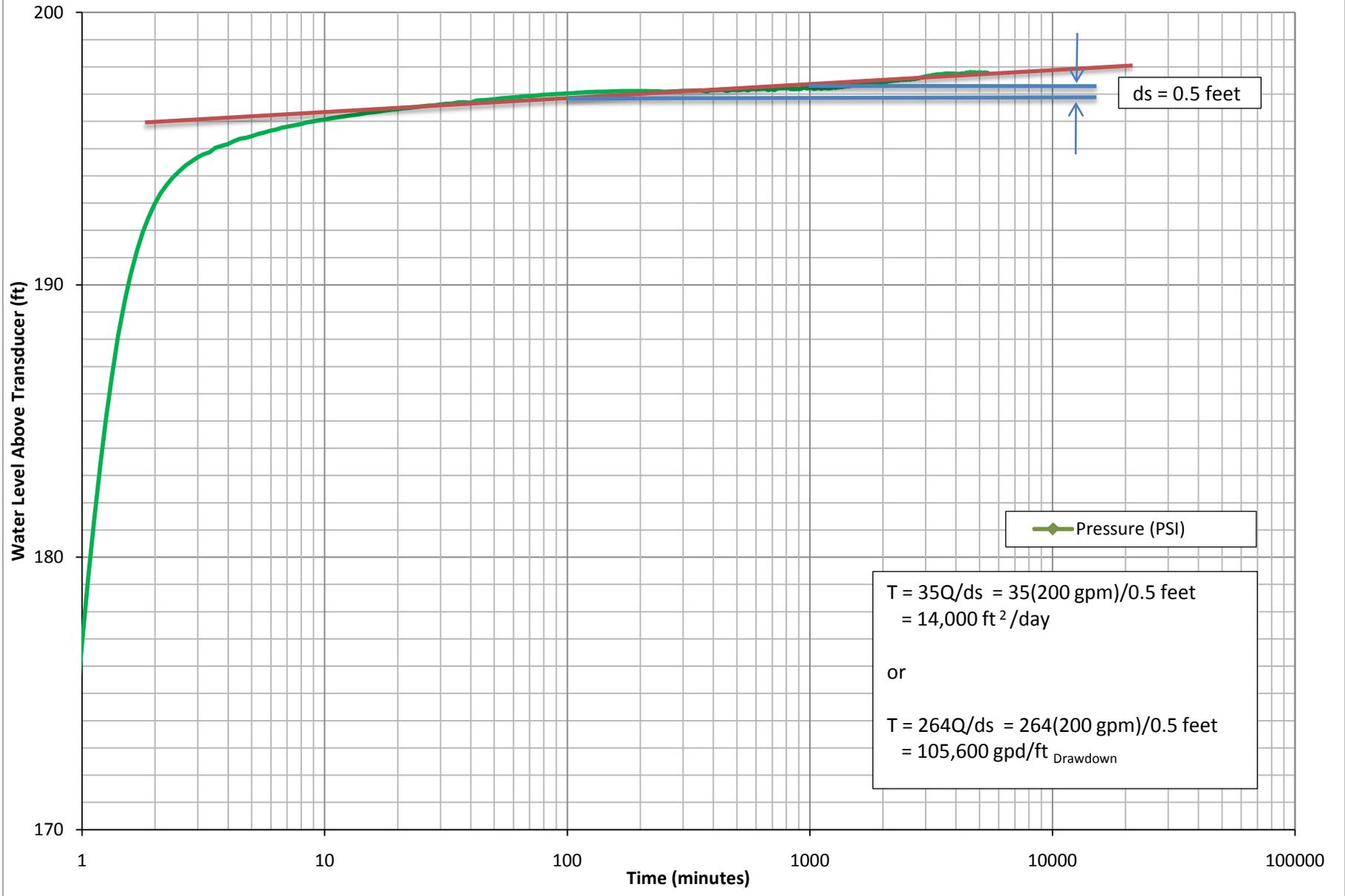
### Water Level Recovery in Well OW-2: Constant Rate Discharge Test, Blythe Solar Power Project



### Water Level Recovery in Well TW-1: Constant Rate Discharge Test, Blythe Solar Power Project

Pump Rate: 0 gpm

Method of Analysis: Manual Calculation



Report Date: 10/19/2009 11:02  
Report User Name: stonei  
Report Computer Name: USCAM1LT226  
Well ID: OW-1

Log File Properties

File Name ow-1 pump 300 2009-10-08 15.09.47.wsl  
Create Date 10/8/2009 15:09

Device Properties

Device Level TROLL 500  
Site blythe  
Device Name  
Serial Number 135186  
Firmware Version 2.04  
Hardware Version 3

Log Configuration

Log Name	ow-1 pump 300
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.5.9.2
Create Date	10/4/2009 10:22
Notes Size(bytes)	4096
Type	Linear
Overwrite when full	Disabled
Scheduled Start Time	10/4/2009 10:30
Scheduled Stop Time	No Stop Time
Interval	Days: 0 hrs: 00 mins: 05 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode	Depth
Specific Gravity	0.999

Log Data:

Record Count 1208

Elapsed Time	Sensor: Pres 69ft SN#: 135186	Sensor: Pres 69ft SN#: 135186	Sensor: Pres 69ft SN#: 135186
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Date and Time	Minutes		Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/4/2009 10:30	0	0	21.222672	30.968872	49.002491
10/4/2009 10:35	5	0.003472222	21.202484	30.970825	48.955875
10/4/2009 10:40	10	0.006944444	21.096937	30.981873	48.712177
10/4/2009 10:45	15	0.010416667	21.009798	30.970825	48.510971
10/4/2009 10:50	20	0.013888889	20.94062	30.96933	48.351246
10/4/2009 10:55	25	0.017361111	20.884092	30.96933	48.220722
10/4/2009 11:00	30	0.020833333	20.837383	30.970367	48.112873
10/4/2009 11:05	35	0.024305556	20.792652	30.968872	48.00959
10/4/2009 11:10	40	0.027777778	20.752819	30.967834	47.917618
10/4/2009 11:15	45	0.03125	20.7174	30.968353	47.835831
10/4/2009 11:20	50	0.034722222	20.686937	30.968872	47.765499
10/4/2009 11:25	55	0.038194444	20.658035	30.966858	47.698765
10/4/2009 11:30	60	0.041666667	20.634232	30.970825	47.643803
10/4/2009 11:35	65	0.045138889	20.609842	30.967834	47.58749
10/4/2009 11:40	70	0.048611111	20.599119	30.968353	47.562725
10/4/2009 11:45	75	0.052083333	20.574255	30.970825	47.505318
10/4/2009 11:50	80	0.055555556	20.553175	30.968353	47.456642
10/4/2009 11:55	85	0.059027778	20.535049	30.967834	47.414795
10/4/2009 12:00	90	0.0625	20.51906	30.968353	47.377872
10/4/2009 12:05	95	0.065972222	20.503408	30.968353	47.341736
10/4/2009 12:10	100	0.069444444	20.49049	30.966339	47.311905
10/4/2009 12:15	105	0.072916667	20.477625	30.966858	47.2822
10/4/2009 12:20	110	0.076388889	20.464451	30.970367	47.251785
10/4/2009 12:25	115	0.079861111	20.454191	30.968353	47.228092
10/4/2009 12:30	120	0.083333333	20.444305	30.964844	47.205269
10/4/2009 12:35	125	0.086805556	20.434923	30.966339	47.183605
10/4/2009 12:40	130	0.090277778	20.42028	30.967834	47.149792
10/4/2009 12:45	135	0.09375	20.417147	30.968872	47.142559
10/4/2009 12:50	140	0.097222222	20.407312	30.966858	47.119854
10/4/2009 12:55	145	0.100694444	20.395765	30.967346	47.093189
10/4/2009 13:00	150	0.104166667	20.387976	30.967834	47.075203
10/4/2009 13:05	155	0.107638889	20.382517	30.970367	47.062599
10/4/2009 13:10	160	0.111111111	20.375614	30.966858	47.046661
10/4/2009 13:15	165	0.114583333	20.369167	30.966339	47.031776
10/4/2009 13:20	170	0.118055556	20.36348	30.96933	47.018642
10/4/2009 13:25	175	0.121527778	20.356628	30.96933	47.002823
10/4/2009 13:30	180	0.125	20.352158	30.970367	46.992504
10/4/2009 13:35	185	0.128472222	20.34704	30.967346	46.980686
10/4/2009 13:40	190	0.131944444	20.341463	30.967834	46.967808
10/4/2009 13:45	195	0.135416667	20.33499	30.965881	46.952862
10/4/2009 13:50	200	0.138888889	20.331581	30.967346	46.944992
10/4/2009 13:55	205	0.142361111	20.326216	30.967834	46.932602
10/4/2009 14:00	210	0.145833333	20.320509	30.968353	46.91943
10/4/2009 14:05	215	0.149305556	20.316177	30.968353	46.909424

10/4/2009 14:10	220	0.152777778	20.311417	30.967834	46.898434
10/4/2009 14:15	225	0.15625	20.30695	30.970367	46.888119
10/4/2009 14:20	230	0.159722222	20.303127	30.967346	46.879292
10/4/2009 14:25	235	0.163194444	20.297907	30.968353	46.867237
10/4/2009 14:30	240	0.166666667	20.296644	30.968353	46.864323
10/4/2009 14:35	245	0.170138889	20.291582	30.967346	46.852634
10/4/2009 14:40	250	0.173611111	20.286497	30.967346	46.840889
10/4/2009 14:45	255	0.177083333	20.282972	30.967346	46.832756
10/4/2009 14:50	260	0.180555556	20.279591	30.967346	46.824947
10/4/2009 14:55	265	0.184027778	20.273083	30.967346	46.809921
10/4/2009 15:00	270	0.1875	20.270794	30.968872	46.804638
10/4/2009 15:05	275	0.190972222	20.269041	30.968872	46.800587
10/4/2009 15:10	280	0.194444444	20.265299	30.967346	46.791946
10/4/2009 15:15	285	0.197916667	20.260969	30.96933	46.781952
10/4/2009 15:20	290	0.201388889	20.259178	30.968353	46.777813
10/4/2009 15:25	295	0.204861111	20.253056	30.968872	46.763676
10/4/2009 15:30	300	0.208333333	20.250607	30.96933	46.758022
10/4/2009 15:35	305	0.211805556	20.246828	30.96933	46.749298
10/4/2009 15:40	310	0.215277778	20.244854	30.96933	46.74474
10/4/2009 15:45	315	0.21875	20.242998	30.974884	46.740456
10/4/2009 15:50	320	0.222222222	20.240276	30.967834	46.734169
10/4/2009 15:55	325	0.225694444	20.235666	30.967834	46.723526
10/4/2009 16:00	330	0.229166667	20.233467	30.966858	46.718445
10/4/2009 16:05	335	0.232638889	20.2302	30.968872	46.710907
10/4/2009 16:10	340	0.236111111	20.226618	30.968353	46.702633
10/4/2009 16:15	345	0.239583333	20.22337	30.968872	46.695133
10/4/2009 16:20	350	0.243055556	20.223753	30.969849	46.696018
10/4/2009 16:25	355	0.246527778	20.219736	30.96933	46.686745
10/4/2009 16:30	360	0.25	20.218185	30.966858	46.683163
10/4/2009 16:35	365	0.253472222	20.216269	30.966339	46.678738
10/4/2009 16:40	370	0.256944444	20.211601	30.965332	46.667957
10/4/2009 16:45	375	0.260416667	20.208351	30.966339	46.660458
10/4/2009 16:50	380	0.263888889	20.207876	30.967834	46.659359
10/4/2009 16:55	385	0.267361111	20.204203	30.964844	46.650879
10/4/2009 17:00	390	0.270833333	20.203688	30.967834	46.649685
10/4/2009 17:05	395	0.274305556	20.201883	30.967346	46.645523
10/4/2009 17:10	400	0.277777778	20.198616	30.965332	46.637978
10/4/2009 17:15	405	0.28125	20.196163	30.967834	46.632317
10/4/2009 17:20	410	0.284722222	20.194696	30.970825	46.628929
10/4/2009 17:25	415	0.288194444	20.194742	30.966339	46.629036
10/4/2009 17:30	420	0.291666667	20.193279	30.96933	46.625656
10/4/2009 17:35	425	0.295138889	20.192226	30.969849	46.623226
10/4/2009 17:40	430	0.298611111	20.191587	30.965881	46.62175
10/4/2009 17:45	435	0.302083333	20.187752	30.966339	46.612896
10/4/2009 17:50	440	0.305555556	20.183683	30.967346	46.6035
10/4/2009 17:55	445	0.309027778	20.185587	30.968872	46.607895
10/4/2009 18:00	450	0.3125	20.183247	30.968353	46.602489

10/4/2009 18:05	455	0.315972222	20.182074	30.966858	46.599781
10/4/2009 18:10	460	0.319444444	20.17922	30.970367	46.593193
10/4/2009 18:15	465	0.322916667	20.179739	30.966858	46.594395
10/4/2009 18:20	470	0.326388889	20.178661	30.970825	46.591904
10/4/2009 18:25	475	0.329861111	20.174509	30.965332	46.582317
10/4/2009 18:30	480	0.333333333	20.174253	30.966858	46.581726
10/4/2009 18:35	485	0.336805556	20.171694	30.966858	46.575817
10/4/2009 18:40	490	0.340277778	20.172985	30.96933	46.5788
10/4/2009 18:45	495	0.34375	20.166191	30.96933	46.56311
10/4/2009 18:50	500	0.347222222	20.170137	30.968872	46.572224
10/4/2009 18:55	505	0.350694444	20.163448	30.967346	46.556778
10/4/2009 19:00	510	0.354166667	20.160412	30.967346	46.549763
10/4/2009 19:05	515	0.357638889	20.158937	30.967346	46.54636
10/4/2009 19:10	520	0.361111111	20.155165	30.967346	46.537651
10/4/2009 19:15	525	0.364583333	20.154985	30.967834	46.537235
10/4/2009 19:20	530	0.368055556	20.152401	30.968872	46.531269
10/4/2009 19:25	535	0.371527778	20.150541	30.967346	46.526978
10/4/2009 19:30	540	0.375	20.146904	30.965332	46.518574
10/4/2009 19:35	545	0.378472222	20.145166	30.967346	46.514565
10/4/2009 19:40	550	0.381944444	20.143681	30.967834	46.511135
10/4/2009 19:45	555	0.385416667	20.14119	30.968872	46.505383
10/4/2009 19:50	560	0.388888889	20.138428	30.965332	46.499004
10/4/2009 19:55	565	0.392361111	20.137167	30.968353	46.496094
10/4/2009 20:00	570	0.395833333	20.135815	30.966858	46.492973
10/4/2009 20:05	575	0.399305556	20.133772	30.968353	46.488258
10/4/2009 20:10	580	0.402777778	20.128864	30.965881	46.476925
10/4/2009 20:15	585	0.40625	20.128931	30.966858	46.477077
10/4/2009 20:20	590	0.409722222	20.126205	30.967346	46.470783
10/4/2009 20:25	595	0.413194444	20.126841	30.966858	46.472252
10/4/2009 20:30	600	0.416666667	20.124004	30.966858	46.465702
10/4/2009 20:35	605	0.420138889	20.12084	30.965881	46.458393
10/4/2009 20:40	610	0.423611111	20.119139	30.966339	46.454468
10/4/2009 20:45	615	0.427083333	20.118296	30.967346	46.452518
10/4/2009 20:50	620	0.430555556	20.116379	30.967834	46.448093
10/4/2009 20:55	625	0.434027778	20.114159	30.966339	46.44297
10/4/2009 21:00	630	0.4375	20.112139	30.967834	46.438305
10/4/2009 21:05	635	0.440972222	20.110245	30.966858	46.433929
10/4/2009 21:10	640	0.444444444	20.106682	30.968872	46.425705
10/4/2009 21:15	645	0.447916667	20.105036	30.968353	46.421906
10/4/2009 21:20	650	0.451388889	20.103529	30.967834	46.418423
10/4/2009 21:25	655	0.454861111	20.101391	30.965332	46.41349
10/4/2009 21:30	660	0.458333333	20.099436	30.967834	46.408974
10/4/2009 21:35	665	0.461805556	20.095617	30.967834	46.400158
10/4/2009 21:40	670	0.465277778	20.0961	30.970825	46.401272
10/4/2009 21:45	675	0.46875	20.092957	30.966858	46.394016
10/4/2009 21:50	680	0.472222222	20.091158	30.968872	46.389862
10/4/2009 21:55	685	0.475694444	20.090231	30.967346	46.387722

10/4/2009 22:00	690	0.479166667	20.087679	30.967834	46.381828
10/4/2009 22:05	695	0.482638889	20.086563	30.967346	46.379253
10/4/2009 22:10	700	0.486111111	20.083973	30.967834	46.373272
10/4/2009 22:15	705	0.489583333	20.08308	30.966858	46.371208
10/4/2009 22:20	710	0.493055556	20.081701	30.964844	46.368023
10/4/2009 22:25	715	0.496527778	20.079992	30.966858	46.364079
10/4/2009 22:30	720	0.5	20.076107	30.966858	46.35511
10/4/2009 22:35	725	0.503472222	20.076227	30.968353	46.355389
10/4/2009 22:40	730	0.506944444	20.074259	30.968353	46.350842
10/4/2009 22:45	735	0.510416667	20.072071	30.965881	46.345791
10/4/2009 22:50	740	0.513888889	20.069212	30.967346	46.339188
10/4/2009 22:55	745	0.517361111	20.069071	30.964844	46.338863
10/4/2009 23:00	750	0.520833333	20.06605	30.966339	46.331886
10/4/2009 23:05	755	0.524305556	20.064075	30.966858	46.327328
10/4/2009 23:10	760	0.527777778	20.063469	30.96933	46.325928
10/4/2009 23:15	765	0.53125	20.061216	30.966858	46.320724
10/4/2009 23:20	770	0.534722222	20.060804	30.965881	46.319778
10/4/2009 23:25	775	0.538194444	20.059397	30.968353	46.316528
10/4/2009 23:30	780	0.541666667	20.057825	30.968353	46.312897
10/4/2009 23:35	785	0.545138889	20.05798	30.967346	46.313255
10/4/2009 23:40	790	0.548611111	20.05658	30.964844	46.31002
10/4/2009 23:45	795	0.552083333	20.054155	30.967834	46.304424
10/4/2009 23:50	800	0.555555556	20.05382	30.967834	46.30365
10/4/2009 23:55	805	0.559027778	20.051231	30.968872	46.297672
10/5/2009 0:00	810	0.5625	20.050585	30.96933	46.296177
10/5/2009 0:05	815	0.565972222	20.046953	30.967346	46.287796
10/5/2009 0:10	820	0.569444444	20.048855	30.966339	46.292183
10/5/2009 0:15	825	0.572916667	20.046997	30.966858	46.287899
10/5/2009 0:20	830	0.576388889	20.047611	30.967834	46.28931
10/5/2009 0:25	835	0.579861111	20.045008	30.968872	46.283302
10/5/2009 0:30	840	0.583333333	20.04381	30.966339	46.280537
10/5/2009 0:35	845	0.586805556	20.041416	30.967834	46.275009
10/5/2009 0:40	850	0.590277778	20.039644	30.966339	46.270916
10/5/2009 0:45	855	0.59375	20.04022	30.966858	46.272251
10/5/2009 0:50	860	0.597222222	20.039097	30.965881	46.269653
10/5/2009 0:55	865	0.600694444	20.038357	30.966339	46.267944
10/5/2009 1:00	870	0.604166667	20.035711	30.968872	46.261833
10/5/2009 1:05	875	0.607638889	20.034506	30.966858	46.259052
10/5/2009 1:10	880	0.611111111	20.033859	30.967834	46.257561
10/5/2009 1:15	885	0.614583333	20.036949	30.970367	46.264694
10/5/2009 1:20	890	0.618055556	20.030174	30.968353	46.24905
10/5/2009 1:25	895	0.621527778	20.030531	30.966339	46.249874
10/5/2009 1:30	900	0.625	20.029144	30.966858	46.246674
10/5/2009 1:35	905	0.628472222	20.02743	30.968872	46.242714
10/5/2009 1:40	910	0.631944444	20.026773	30.966339	46.241199
10/5/2009 1:45	915	0.635416667	20.025047	30.966858	46.237213
10/5/2009 1:50	920	0.638888889	20.024273	30.966858	46.235428

10/5/2009 1:55	925	0.642361111	20.022528	30.965881	46.231396
10/5/2009 2:00	930	0.645833333	20.020517	30.966339	46.226753
10/5/2009 2:05	935	0.649305556	20.019691	30.964844	46.22485
10/5/2009 2:10	940	0.652777778	20.017376	30.966858	46.219501
10/5/2009 2:15	945	0.65625	20.017551	30.965332	46.219906
10/5/2009 2:20	950	0.659722222	20.016556	30.966858	46.217609
10/5/2009 2:25	955	0.663194444	20.015049	30.966858	46.214127
10/5/2009 2:30	960	0.666666667	20.013502	30.966858	46.210556
10/5/2009 2:35	965	0.670138889	20.013706	30.967834	46.211029
10/5/2009 2:40	970	0.673611111	20.015759	30.967346	46.215767
10/5/2009 2:45	975	0.677083333	20.012218	30.966858	46.207592
10/5/2009 2:50	980	0.680555556	20.013212	30.966339	46.209888
10/5/2009 2:55	985	0.684027778	20.046215	30.967834	46.286087
10/5/2009 3:00	990	0.6875	20.036469	30.96283	46.263588
10/5/2009 3:05	995	0.690972222	20.036467	30.965881	46.26358
10/5/2009 3:10	1000	0.694444444	20.032616	30.963837	46.254688
10/5/2009 3:15	1005	0.697916667	20.03154	30.965881	46.252205
10/5/2009 3:20	1010	0.701388889	20.030102	30.964844	46.248882
10/5/2009 3:25	1015	0.704861111	20.030064	30.967834	46.248795
10/5/2009 3:30	1020	0.708333333	20.028137	30.964355	46.24435
10/5/2009 3:35	1025	0.711805556	20.026482	30.967834	46.240528
10/5/2009 3:40	1030	0.715277778	20.026192	30.962341	46.239853
10/5/2009 3:45	1035	0.71875	20.026955	30.965332	46.241619
10/5/2009 3:50	1040	0.722222222	20.025677	30.966339	46.238667
10/5/2009 3:55	1045	0.725694444	20.02441	30.966339	46.235744
10/5/2009 4:00	1050	0.729166667	20.023001	30.965881	46.232487
10/5/2009 4:05	1055	0.732638889	20.022528	30.967834	46.231396
10/5/2009 4:10	1060	0.736111111	20.023338	30.968353	46.233269
10/5/2009 4:15	1065	0.739583333	20.022497	30.967346	46.231327
10/5/2009 4:20	1070	0.743055556	20.022604	30.964844	46.231571
10/5/2009 4:25	1075	0.746527778	20.021944	30.967834	46.230049
10/5/2009 4:30	1080	0.75	20.021236	30.965881	46.228416
10/5/2009 4:35	1085	0.753472222	20.018921	30.968353	46.223068
10/5/2009 4:40	1090	0.756944444	20.017666	30.968353	46.220169
10/5/2009 4:45	1095	0.760416667	20.016798	30.966858	46.218166
10/5/2009 4:50	1100	0.763888889	20.017857	30.967346	46.220612
10/5/2009 4:55	1105	0.767361111	20.017857	30.967346	46.220612
10/5/2009 5:00	1110	0.770833333	20.016722	30.967346	46.217991
10/5/2009 5:05	1115	0.774305556	20.013918	30.967346	46.211517
10/5/2009 5:10	1120	0.777777778	20.013317	30.968872	46.210129
10/5/2009 5:15	1125	0.78125	20.012794	30.966858	46.208923
10/5/2009 5:20	1130	0.784722222	20.009825	30.966339	46.202065
10/5/2009 5:25	1135	0.788194444	20.010603	30.965881	46.203861
10/5/2009 5:30	1140	0.791666667	20.008829	30.968872	46.199768
10/5/2009 5:35	1145	0.795138889	20.007736	30.967834	46.197247
10/5/2009 5:40	1150	0.798611111	20.007603	30.967834	46.196934
10/5/2009 5:45	1155	0.802083333	20.004467	30.968353	46.189693

10/5/2009 5:50	1160	0.805555556	20.004421	30.966339	46.18959
10/5/2009 5:55	1165	0.809027778	20.003328	30.966858	46.187065
10/5/2009 6:00	1170	0.8125	20.002144	30.964844	46.184334
10/5/2009 6:05	1175	0.815972222	19.999357	30.967346	46.177895
10/5/2009 6:10	1180	0.819444444	19.99814	30.966339	46.175087
10/5/2009 6:15	1185	0.822916667	19.996357	30.965881	46.170971
10/5/2009 6:20	1190	0.826388889	19.993116	30.967834	46.163486
10/5/2009 6:25	1195	0.829861111	19.994308	30.967834	46.166237
10/5/2009 6:30	1200	0.833333333	19.991802	30.966858	46.160454
10/5/2009 6:35	1205	0.836805556	19.990677	30.963379	46.157852
10/5/2009 6:40	1210	0.840277778	19.987383	30.968872	46.150249
10/5/2009 6:45	1215	0.84375	19.987619	30.965881	46.150795
10/5/2009 6:50	1220	0.847222222	19.985899	30.966858	46.146824
10/5/2009 6:55	1225	0.850694444	19.985319	30.966339	46.145481
10/5/2009 7:00	1230	0.854166667	19.984131	30.966858	46.142738
10/5/2009 7:05	1235	0.857638889	19.979788	30.966858	46.13271
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10/5/2009 7:15	1245	0.864583333	19.974701	30.965332	46.120964
10/5/2009 7:20	1250	0.868055556	19.970491	30.966858	46.111244
10/5/2009 7:25	1255	0.871527778	19.971979	30.964355	46.114681
10/5/2009 7:30	1260	0.875	19.970905	30.966339	46.112202
10/5/2009 7:35	1265	0.878472222	19.968113	30.968353	46.105751
10/5/2009 7:40	1270	0.881944444	19.967852	30.967346	46.105152
10/5/2009 7:45	1275	0.885416667	19.965309	30.964844	46.099277
10/5/2009 7:50	1280	0.888888889	19.96385	30.965881	46.095909
10/5/2009 7:55	1285	0.892361111	19.961084	30.966339	46.089523
10/5/2009 8:00	1290	0.895833333	19.9615	30.966858	46.090485
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10/5/2009 8:15	1305	0.90625	19.95714	30.965881	46.080418
10/5/2009 8:20	1310	0.909722222	19.95627	30.966858	46.078411
10/5/2009 8:25	1315	0.913194444	19.952934	30.967346	46.070705
10/5/2009 8:30	1320	0.916666667	19.951729	30.966858	46.067924
10/5/2009 8:35	1325	0.920138889	19.951778	30.967834	46.068035
10/5/2009 8:40	1330	0.923611111	19.951729	30.966858	46.067924
10/5/2009 8:45	1335	0.927083333	19.950438	30.967346	46.064941
10/5/2009 8:50	1340	0.930555556	19.950148	30.964355	46.064274
10/5/2009 8:55	1345	0.934027778	19.949644	30.967834	46.06311
10/5/2009 9:00	1350	0.9375	19.948175	30.965881	46.059719
10/5/2009 9:05	1355	0.940972222	19.946621	30.965332	46.056129
10/5/2009 9:10	1360	0.944444444	19.946049	30.968353	46.054806
10/5/2009 9:15	1365	0.947916667	19.943134	30.967346	46.04808
10/5/2009 9:20	1370	0.951388889	19.942417	30.966858	46.046425
10/5/2009 9:25	1375	0.954861111	19.941164	30.965881	46.04353
10/5/2009 9:30	1380	0.958333333	19.938828	30.964844	46.038136
10/5/2009 9:35	1385	0.961805556	19.93745	30.966339	46.034954
10/5/2009 9:40	1390	0.965277778	19.939117	30.968872	46.038803

10/5/2009 9:45	1395	0.96875	19.937281	30.966339	46.034565
10/5/2009 9:50	1400	0.972222222	19.93601	30.964844	46.031631
10/5/2009 9:55	1405	0.975694444	19.935125	30.967834	46.029587
10/5/2009 10:00	1410	0.979166667	19.935423	30.965881	46.030273
10/5/2009 10:05	1415	0.982638889	19.934258	30.965881	46.027584
10/5/2009 10:10	1420	0.986111111	19.932842	30.966858	46.024315
10/5/2009 10:15	1425	0.989583333	19.932287	30.965881	46.023033
10/5/2009 10:20	1430	0.993055556	19.931492	30.966858	46.021198
10/5/2009 10:25	1435	0.996527778	19.931576	30.968872	46.021393
10/5/2009 10:30	1440	1	19.930857	30.965881	46.01973
10/5/2009 10:35	1445	1.003472222	19.928881	30.965881	46.015171
10/5/2009 10:40	1450	1.006944444	19.929203	30.965881	46.015911
10/5/2009 10:45	1455	1.010416667	19.92856	30.966339	46.014427
10/5/2009 10:50	1460	1.013888889	19.928434	30.963837	46.014133
10/5/2009 10:55	1465	1.017361111	19.928606	30.967346	46.014534
10/5/2009 11:00	1470	1.020833333	19.924328	30.968353	46.004654
10/5/2009 11:05	1475	1.024305556	19.923611	30.965881	46.002998
10/5/2009 11:10	1480	1.027777778	19.922211	30.965332	45.999767
10/5/2009 11:15	1485	1.03125	19.925179	30.965881	46.006618
10/5/2009 11:20	1490	1.034722222	19.924328	30.966858	46.004654
10/5/2009 11:25	1495	1.038194444	19.923891	30.967834	46.003647
10/5/2009 11:30	1500	1.041666667	19.922466	30.968872	46.000359
10/5/2009 11:35	1505	1.045138889	19.922766	30.967834	46.001049
10/5/2009 11:40	1510	1.048611111	19.92272	30.965332	46.000942
10/5/2009 11:45	1515	1.052083333	19.921043	30.964355	45.997074
10/5/2009 11:50	1520	1.055555556	19.921043	30.966858	45.997074
10/5/2009 11:55	1525	1.059027778	19.92075	30.963379	45.996395
10/5/2009 12:00	1530	1.0625	19.925915	30.968353	46.00832
10/5/2009 12:05	1535	1.065972222	19.947416	30.967346	46.057964
10/5/2009 12:10	1540	1.069444444	19.961599	30.966858	46.090714
10/5/2009 12:15	1545	1.072916667	19.975937	30.963379	46.123817
10/5/2009 12:20	1550	1.076388889	19.987619	30.964844	46.150795
10/5/2009 12:25	1555	1.079861111	19.995724	30.966339	46.169506
10/5/2009 12:30	1560	1.083333333	20.004578	30.963379	46.189949
10/5/2009 12:35	1565	1.086805556	20.016317	30.966339	46.217056
10/5/2009 12:40	1570	1.090277778	20.018438	30.966858	46.221954
10/5/2009 12:45	1575	1.09375	20.02412	30.967346	46.235073
10/5/2009 12:50	1580	1.097222222	20.028925	30.964844	46.246166
10/5/2009 12:55	1585	1.100694444	20.03513	30.968353	46.260494
10/5/2009 13:00	1590	1.104166667	20.040386	30.967834	46.272633
10/5/2009 13:05	1595	1.107638889	20.043852	30.968353	46.280632
10/5/2009 13:10	1600	1.111111111	20.048105	30.966339	46.290459
10/5/2009 13:15	1605	1.114583333	20.052629	30.967346	46.3009
10/5/2009 13:20	1610	1.118055556	20.055708	30.964844	46.308006
10/5/2009 13:25	1615	1.121527778	20.059204	30.966339	46.316082
10/5/2009 13:30	1620	1.125	20.063322	30.965881	46.325592
10/5/2009 13:35	1625	1.128472222	20.066284	30.966339	46.332428

10/5/2009 13:40	1630	1.131944444	20.067768	30.965332	46.335854
10/5/2009 13:45	1635	1.135416667	20.070749	30.964355	46.342735
10/5/2009 13:50	1640	1.138888889	20.075165	30.965881	46.352932
10/5/2009 13:55	1645	1.142361111	20.076637	30.964355	46.356335
10/5/2009 14:00	1650	1.145833333	20.08024	30.966858	46.364651
10/5/2009 14:05	1655	1.149305556	20.081701	30.967834	46.368023
10/5/2009 14:10	1660	1.152777778	20.084223	30.964355	46.373848
10/5/2009 14:15	1665	1.15625	20.086252	30.966339	46.378532
10/5/2009 14:20	1670	1.159722222	20.089197	30.965332	46.385334
10/5/2009 14:25	1675	1.163194444	20.089733	30.964844	46.386574
10/5/2009 14:30	1680	1.166666667	20.090029	30.966339	46.387253
10/5/2009 14:35	1685	1.170138889	20.093798	30.963837	46.395954
10/5/2009 14:40	1690	1.173611111	20.095263	30.965881	46.399338
10/5/2009 14:45	1695	1.177083333	20.094624	30.965332	46.397865
10/5/2009 14:50	1700	1.180555556	20.096794	30.966858	46.402874
10/5/2009 14:55	1705	1.184027778	20.100138	30.965332	46.410595
10/5/2009 15:00	1710	1.1875	20.100418	30.969849	46.411243
10/5/2009 15:05	1715	1.190972222	20.102264	30.963379	46.415504
10/5/2009 15:10	1720	1.194444444	20.10338	30.963837	46.418079
10/5/2009 15:15	1725	1.197916667	20.121794	30.966339	46.460598
10/5/2009 15:20	1730	1.201388889	20.203268	30.964844	46.64872
10/5/2009 15:25	1735	1.204861111	20.280411	30.966339	46.826839
10/5/2009 15:30	1740	1.208333333	20.332829	30.968872	46.947872
10/5/2009 15:35	1745	1.211805556	20.379904	30.967346	47.056564
10/5/2009 15:40	1750	1.215277778	20.418913	30.967834	47.146637
10/5/2009 15:45	1755	1.21875	20.455013	30.966858	47.229992
10/5/2009 15:50	1760	1.222222222	20.485506	30.967346	47.300396
10/5/2009 15:55	1765	1.225694444	20.513165	30.964844	47.364262
10/5/2009 16:00	1770	1.229166667	20.539217	30.967346	47.424416
10/5/2009 16:05	1775	1.232638889	20.562185	30.965332	47.477451
10/5/2009 16:10	1780	1.236111111	20.584078	30.966339	47.527996
10/5/2009 16:15	1785	1.239583333	20.604593	30.967346	47.575367
10/5/2009 16:20	1790	1.243055556	20.620926	30.964844	47.613079
10/5/2009 16:25	1795	1.246527778	20.640902	30.965881	47.659203
10/5/2009 16:30	1800	1.25	20.654099	30.968872	47.689674
10/5/2009 16:35	1805	1.253472222	20.670877	30.966858	47.728416
10/5/2009 16:40	1810	1.256944444	20.685368	30.966339	47.761875
10/5/2009 16:45	1815	1.260416667	20.696039	30.966339	47.786514
10/5/2009 16:50	1820	1.263888889	20.709238	30.965332	47.816986
10/5/2009 16:55	1825	1.267361111	20.720165	30.966858	47.842216
10/5/2009 17:00	1830	1.270833333	20.731447	30.966858	47.868267
10/5/2009 17:05	1835	1.274305556	20.741322	30.965881	47.891068
10/5/2009 17:10	1840	1.277777778	20.751898	30.965881	47.915489
10/5/2009 17:15	1845	1.28125	20.759649	30.965332	47.933388
10/5/2009 17:20	1850	1.284722222	20.768745	30.966858	47.954391
10/5/2009 17:25	1855	1.288194444	20.777632	30.965332	47.974911
10/5/2009 17:30	1860	1.291666667	20.784462	30.965881	47.990677

10/5/2009 17:35	1865	1.295138889	20.794289	30.965881	48.013371
10/5/2009 17:40	1870	1.298611111	20.800093	30.966858	48.026768
10/5/2009 17:45	1875	1.302083333	20.807592	30.967834	48.044086
10/5/2009 17:50	1880	1.305555556	20.817047	30.964844	48.065918
10/5/2009 17:55	1885	1.309027778	20.819418	30.967346	48.071392
10/5/2009 18:00	1890	1.3125	20.824608	30.966858	48.083378
10/5/2009 18:05	1895	1.315972222	20.830719	30.966858	48.097485
10/5/2009 18:10	1900	1.319444444	20.83758	30.967834	48.113327
10/5/2009 18:15	1905	1.322916667	20.842804	30.966858	48.125389
10/5/2009 18:20	1910	1.326388889	20.846935	30.964355	48.13493
10/5/2009 18:25	1915	1.329861111	20.852724	30.965881	48.148293
10/5/2009 18:30	1920	1.333333333	20.855986	30.965881	48.155827
10/5/2009 18:35	1925	1.336805556	20.860594	30.967346	48.166462
10/5/2009 18:40	1930	1.340277778	20.863935	30.964844	48.174183
10/5/2009 18:45	1935	1.34375	20.868507	30.967346	48.184734
10/5/2009 18:50	1940	1.347222222	20.872803	30.966339	48.194656
10/5/2009 18:55	1945	1.350694444	20.877247	30.963837	48.204914
10/5/2009 19:00	1950	1.354166667	20.880051	30.966858	48.211388
10/5/2009 19:05	1955	1.357638889	20.884268	30.964355	48.221127
10/5/2009 19:10	1960	1.361111111	20.888208	30.963379	48.230225
10/5/2009 19:15	1965	1.364583333	20.888733	30.965332	48.231438
10/5/2009 19:20	1970	1.368055556	20.89381	30.966339	48.24316
10/5/2009 19:25	1975	1.371527778	20.896465	30.963837	48.24929
10/5/2009 19:30	1980	1.375	20.898272	30.963837	48.25346
10/5/2009 19:35	1985	1.378472222	20.899986	30.967834	48.25742
10/5/2009 19:40	1990	1.381944444	20.903347	30.965332	48.265182
10/5/2009 19:45	1995	1.385416667	20.906139	30.966858	48.271629
10/5/2009 19:50	2000	1.388888889	20.907181	30.966858	48.274029
10/5/2009 19:55	2005	1.392361111	20.911163	30.965332	48.283226
10/5/2009 20:00	2010	1.395833333	20.912607	30.966339	48.28656
10/5/2009 20:05	2015	1.399305556	20.915754	30.967834	48.293831
10/5/2009 20:10	2020	1.402777778	20.917528	30.966858	48.297924
10/5/2009 20:15	2025	1.40625	20.918198	30.966858	48.299473
10/5/2009 20:20	2030	1.409722222	20.920795	30.965332	48.30547
10/5/2009 20:25	2035	1.413194444	20.925123	30.963379	48.315464
10/5/2009 20:30	2040	1.416666667	20.925623	30.966339	48.316616
10/5/2009 20:35	2045	1.420138889	20.928154	30.963837	48.32246
10/5/2009 20:40	2050	1.423611111	20.927879	30.967346	48.321827
10/5/2009 20:45	2055	1.427083333	20.930866	30.966858	48.328724
10/5/2009 20:50	2060	1.430555556	20.933052	30.968353	48.333771
10/5/2009 20:55	2065	1.434027778	20.932201	30.965332	48.331806
10/5/2009 21:00	2070	1.4375	20.934008	30.966339	48.335976
10/5/2009 21:05	2075	1.440972222	20.937717	30.964844	48.34454
10/5/2009 21:10	2080	1.444444444	20.937096	30.966339	48.343105
10/5/2009 21:15	2085	1.447916667	20.940512	30.964355	48.35099
10/5/2009 21:20	2090	1.451388889	20.94207	30.967346	48.354588
10/5/2009 21:25	2095	1.454861111	20.944193	30.964355	48.359493

10/5/2009 21:30	2100	1.458333333	20.945679	30.968353	48.362923
10/5/2009 21:35	2105	1.461805556	20.946939	30.965332	48.365833
10/5/2009 21:40	2110	1.465277778	20.946671	30.964355	48.365215
10/5/2009 21:45	2115	1.46875	20.97369	30.964844	48.427601
10/5/2009 21:50	2120	1.472222222	20.970182	30.965881	48.419498
10/5/2009 21:55	2125	1.475694444	20.971888	30.965332	48.423435
10/5/2009 22:00	2130	1.479166667	20.974413	30.967346	48.429268
10/5/2009 22:05	2135	1.482638889	20.974873	30.968353	48.430328
10/5/2009 22:10	2140	1.486111111	20.97632	30.965881	48.43367
10/5/2009 22:15	2145	1.489583333	20.976938	30.965881	48.435101
10/5/2009 22:20	2150	1.493055556	20.977837	30.967346	48.437176
10/5/2009 22:25	2155	1.496527778	20.980473	30.967346	48.443264
10/5/2009 22:30	2160	1.5	20.979822	30.965881	48.441757
10/5/2009 22:35	2165	1.503472222	20.982105	30.966339	48.447033
10/5/2009 22:40	2170	1.506944444	20.983154	30.966339	48.449455
10/5/2009 22:45	2175	1.510416667	20.984158	30.965332	48.451767
10/5/2009 22:50	2180	1.513888889	20.985132	30.968353	48.454021
10/5/2009 22:55	2185	1.517361111	20.98596	30.966339	48.455933
10/5/2009 23:00	2190	1.520833333	20.987734	30.964844	48.46003
10/5/2009 23:05	2195	1.524305556	20.987856	30.965332	48.460308
10/5/2009 23:10	2200	1.527777778	20.989895	30.966858	48.465019
10/5/2009 23:15	2205	1.53125	20.991901	30.964844	48.46965
10/5/2009 23:20	2210	1.534722222	20.99157	30.966858	48.468884
10/5/2009 23:25	2215	1.538194444	20.993353	30.965881	48.473
10/5/2009 23:30	2220	1.541666667	20.992128	30.967346	48.470173
10/5/2009 23:35	2225	1.545138889	20.996611	30.963837	48.480522
10/5/2009 23:40	2230	1.548611111	20.995703	30.967346	48.478428
10/5/2009 23:45	2235	1.552083333	20.996443	30.964355	48.480133
10/5/2009 23:50	2240	1.555555556	20.995703	30.965332	48.478428
10/5/2009 23:55	2245	1.559027778	20.997372	30.967346	48.482281
10/6/2009 0:00	2250	1.5625	20.999029	30.963379	48.486107
10/6/2009 0:05	2255	1.565972222	20.998245	30.964844	48.484299
10/6/2009 0:10	2260	1.569444444	21.000761	30.965332	48.490108
10/6/2009 0:15	2265	1.572916667	21.001474	30.963379	48.491756
10/6/2009 0:20	2270	1.576388889	21.003027	30.965332	48.495338
10/6/2009 0:25	2275	1.579861111	21.004377	30.967346	48.498455
10/6/2009 0:30	2280	1.583333333	21.004274	30.965881	48.498219
10/6/2009 0:35	2285	1.586805556	21.00453	30.964844	48.498806
10/6/2009 0:40	2290	1.590277778	21.004377	30.965881	48.498455
10/6/2009 0:45	2295	1.59375	21.007334	30.966858	48.50528
10/6/2009 0:50	2300	1.597222222	21.008442	30.963379	48.507839
10/6/2009 0:55	2305	1.600694444	21.009279	30.964844	48.509773
10/6/2009 1:00	2310	1.604166667	21.009872	30.965881	48.511143
10/6/2009 1:05	2315	1.607638889	21.010012	30.966858	48.511463
10/6/2009 1:10	2320	1.611111111	21.009638	30.966339	48.510605
10/6/2009 1:15	2325	1.614583333	21.012312	30.963837	48.516777
10/6/2009 1:20	2330	1.618055556	21.013208	30.966858	48.518848

10/6/2009 1:25	2335	1.621527778	21.013657	30.967346	48.519882
10/6/2009 1:30	2340	1.625	21.013111	30.966339	48.518623
10/6/2009 1:35	2345	1.628472222	21.013845	30.964844	48.520317
10/6/2009 1:40	2350	1.631944444	21.014795	30.967346	48.522511
10/6/2009 1:45	2355	1.635416667	21.015759	30.963837	48.524734
10/6/2009 1:50	2360	1.638888889	21.014858	30.968872	48.522655
10/6/2009 1:55	2365	1.642361111	21.019924	30.964844	48.534355
10/6/2009 2:00	2370	1.645833333	21.015442	30.964844	48.524006
10/6/2009 2:05	2375	1.649305556	21.018656	30.963379	48.531425
10/6/2009 2:10	2380	1.652777778	21.019156	30.965332	48.532578
10/6/2009 2:15	2385	1.65625	21.021774	30.964844	48.538624
10/6/2009 2:20	2390	1.659722222	21.021425	30.964355	48.537823
10/6/2009 2:25	2395	1.663194444	21.022022	30.965332	48.539196
10/6/2009 2:30	2400	1.666666667	21.023151	30.964355	48.541805
10/6/2009 2:35	2405	1.670138889	21.023237	30.963379	48.542004
10/6/2009 2:40	2410	1.673611111	21.024036	30.965332	48.54385
10/6/2009 2:45	2415	1.677083333	21.024931	30.968872	48.545914
10/6/2009 2:50	2420	1.680555556	21.029131	30.964844	48.555611
10/6/2009 2:55	2425	1.684027778	21.028542	30.964844	48.554249
10/6/2009 3:00	2430	1.6875	21.029408	30.964844	48.556252
10/6/2009 3:05	2435	1.690972222	21.03019	30.965332	48.558056
10/6/2009 3:10	2440	1.694444444	21.032253	30.965332	48.56282
10/6/2009 3:15	2445	1.697916667	21.032562	30.968353	48.563534
10/6/2009 3:20	2450	1.701388889	21.032751	30.967834	48.563969
10/6/2009 3:25	2455	1.704861111	21.03289	30.965881	48.564293
10/6/2009 3:30	2460	1.708333333	21.034389	30.965332	48.567753
10/6/2009 3:35	2465	1.711805556	21.035448	30.963379	48.570198
10/6/2009 3:40	2470	1.715277778	21.03442	30.963837	48.567825
10/6/2009 3:45	2475	1.71875	21.035738	30.965332	48.570866
10/6/2009 3:50	2480	1.722222222	21.036192	30.964844	48.571915
10/6/2009 3:55	2485	1.725694444	21.036562	30.964844	48.572769
10/6/2009 4:00	2490	1.729166667	21.036562	30.965881	48.572769
10/6/2009 4:05	2495	1.732638889	21.038126	30.965332	48.576382
10/6/2009 4:10	2500	1.736111111	21.038399	30.964355	48.577011
10/6/2009 4:15	2505	1.739583333	21.037636	30.965881	48.575253
10/6/2009 4:20	2510	1.743055556	21.037237	30.965881	48.574329
10/6/2009 4:25	2515	1.746527778	21.038252	30.96283	48.576672
10/6/2009 4:30	2520	1.75	21.037104	30.966339	48.57402
10/6/2009 4:35	2525	1.753472222	21.039423	30.967346	48.579376
10/6/2009 4:40	2530	1.756944444	21.04014	30.965332	48.581032
10/6/2009 4:45	2535	1.760416667	21.044497	30.966858	48.591091
10/6/2009 4:50	2540	1.763888889	21.043484	30.965881	48.588753
10/6/2009 4:55	2545	1.767361111	21.044609	30.964844	48.591351
10/6/2009 5:00	2550	1.770833333	21.044252	30.963837	48.590527
10/6/2009 5:05	2555	1.774305556	21.042538	30.965332	48.586567
10/6/2009 5:10	2560	1.777777778	21.047354	30.964355	48.597687
10/6/2009 5:15	2565	1.78125	21.04586	30.964844	48.594242

10/6/2009 5:20	2570	1.784722222	21.045767	30.963837	48.594025
10/6/2009 5:25	2575	1.788194444	21.044205	30.965881	48.590416
10/6/2009 5:30	2580	1.791666667	21.044943	30.966339	48.592117
10/6/2009 5:35	2585	1.795138889	21.044394	30.961365	48.590851
10/6/2009 5:40	2590	1.798611111	21.044722	30.966339	48.59161
10/6/2009 5:45	2595	1.802083333	21.042538	30.965881	48.586567
10/6/2009 5:50	2600	1.805555556	21.044609	30.965332	48.591351
10/6/2009 5:55	2605	1.809027778	21.045147	30.965332	48.59259
10/6/2009 6:00	2610	1.8125	21.044315	30.964355	48.590675
10/6/2009 6:05	2615	1.815972222	21.043526	30.966339	48.588848
10/6/2009 6:10	2620	1.819444444	21.044537	30.965881	48.591183
10/6/2009 6:15	2625	1.822916667	21.044117	30.966339	48.590218
10/6/2009 6:20	2630	1.826388889	21.045025	30.964844	48.592312
10/6/2009 6:25	2635	1.829861111	21.045309	30.966339	48.592964
10/6/2009 6:30	2640	1.833333333	21.045612	30.965332	48.593666
10/6/2009 6:35	2645	1.836805556	21.044943	30.966339	48.592117
10/6/2009 6:40	2650	1.840277778	21.045107	30.964355	48.592499
10/6/2009 6:45	2655	1.84375	21.045767	30.964844	48.594025
10/6/2009 6:50	2660	1.847222222	21.044899	30.964355	48.592018
10/6/2009 6:55	2665	1.850694444	21.044205	30.964844	48.590416
10/6/2009 7:00	2670	1.854166667	21.046249	30.964355	48.595139
10/6/2009 7:05	2675	1.857638889	21.045767	30.965332	48.594025
10/6/2009 7:10	2680	1.861111111	21.044394	30.965332	48.590851
10/6/2009 7:15	2685	1.864583333	21.042635	30.964844	48.586792
10/6/2009 7:20	2690	1.868055556	21.043913	30.966339	48.589741
10/6/2009 7:25	2695	1.871527778	21.044899	30.963379	48.592018
10/6/2009 7:30	2700	1.875	21.043356	30.966339	48.588459
10/6/2009 7:35	2705	1.878472222	21.044651	30.967346	48.591446
10/6/2009 7:40	2710	1.881944444	21.044315	30.966858	48.590675
10/6/2009 7:45	2715	1.885416667	21.043816	30.965332	48.589516
10/6/2009 7:50	2720	1.888888889	21.043816	30.964844	48.589516
10/6/2009 7:55	2725	1.892361111	21.045938	30.965881	48.594418
10/6/2009 8:00	2730	1.895833333	21.046333	30.963837	48.595333
10/6/2009 8:05	2735	1.899305556	21.044064	30.964844	48.590088
10/6/2009 8:10	2740	1.902777778	21.043774	30.966339	48.58942
10/6/2009 8:15	2745	1.90625	21.044205	30.967346	48.590416
10/6/2009 8:20	2750	1.909722222	21.048578	30.963379	48.600517
10/6/2009 8:25	2755	1.913194444	21.049547	30.965881	48.602753
10/6/2009 8:30	2760	1.916666667	21.047945	30.964844	48.599052
10/6/2009 8:35	2765	1.920138889	21.046648	30.967346	48.596058
10/6/2009 8:40	2770	1.923611111	21.046936	30.965881	48.596725
10/6/2009 8:45	2775	1.927083333	21.045612	30.967834	48.593666
10/6/2009 8:50	2780	1.930555556	21.046507	30.964844	48.59573
10/6/2009 8:55	2785	1.934027778	21.047163	30.962341	48.597248
10/6/2009 9:00	2790	1.9375	21.044722	30.966339	48.59161
10/6/2009 9:05	2795	1.940972222	21.045938	30.966858	48.594418
10/6/2009 9:10	2800	1.944444444	21.045938	30.965881	48.594418

10/6/2009 9:15	2805	1.947916667	21.045107	30.964844	48.592499
10/6/2009 9:20	2810	1.951388889	21.046976	30.963837	48.596817
10/6/2009 9:25	2815	1.954861111	21.045431	30.964355	48.593246
10/6/2009 9:30	2820	1.958333333	21.046236	30.965332	48.595108
10/6/2009 9:35	2825	1.961805556	21.047228	30.964844	48.597397
10/6/2009 9:40	2830	1.965277778	21.046249	30.963837	48.595139
10/6/2009 9:45	2835	1.96875	21.045107	30.967834	48.592499
10/6/2009 9:50	2840	1.972222222	21.04586	30.965881	48.594242
10/6/2009 9:55	2845	1.975694444	21.031921	30.964355	48.562057
10/6/2009 10:00	2850	1.979166667	20.962078	30.965332	48.400791
10/6/2009 10:05	2855	1.982638889	20.89607	30.964844	48.248379
10/6/2009 10:10	2860	1.986111111	20.843052	30.965881	48.125961
10/6/2009 10:15	2865	1.989583333	20.798195	30.966858	48.022385
10/6/2009 10:20	2870	1.993055556	20.758471	30.962341	47.930668
10/6/2009 10:25	2875	1.996527778	20.725668	30.966339	47.854927
10/6/2009 10:30	2880	2	20.694324	30.964844	47.782555
10/6/2009 10:35	2885	2.003472222	20.668436	30.963837	47.722778
10/6/2009 10:40	2890	2.006944444	20.644154	30.964844	47.66671
10/6/2009 10:45	2895	2.010416667	20.622892	30.967834	47.617619
10/6/2009 10:50	2900	2.013888889	20.600498	30.963379	47.56591
10/6/2009 10:55	2905	2.017361111	20.583685	30.967346	47.527092
10/6/2009 11:00	2910	2.020833333	20.566402	30.966339	47.487186
10/6/2009 11:05	2915	2.024305556	20.55126	30.964355	47.452221
10/6/2009 11:10	2920	2.027777778	20.535339	30.965332	47.415462
10/6/2009 11:15	2925	2.03125	20.522324	30.965881	47.385406
10/6/2009 11:20	2930	2.034722222	20.508337	30.965332	47.353115
10/6/2009 11:25	2935	2.038194444	20.497631	30.964355	47.328396
10/6/2009 11:30	2940	2.041666667	20.485676	30.964355	47.300789
10/6/2009 11:35	2945	2.045138889	20.477139	30.966339	47.281078
10/6/2009 11:40	2950	2.048611111	20.467001	30.965332	47.257671
10/6/2009 11:45	2955	2.052083333	20.458193	30.965332	47.237331
10/6/2009 11:50	2960	2.055555556	20.449499	30.965332	47.217262
10/6/2009 11:55	2965	2.059027778	20.440613	30.964844	47.196743
10/6/2009 12:00	2970	2.0625	20.432922	30.965332	47.178982
10/6/2009 12:05	2975	2.065972222	20.426235	30.964355	47.163544
10/6/2009 12:10	2980	2.069444444	20.421324	30.963379	47.152206
10/6/2009 12:15	2985	2.072916667	20.413565	30.964844	47.134285
10/6/2009 12:20	2990	2.076388889	20.408104	30.965881	47.121681
10/6/2009 12:25	2995	2.079861111	20.402809	30.964844	47.109451
10/6/2009 12:30	3000	2.083333333	20.395733	30.96283	47.093113
10/6/2009 12:35	3005	2.086805556	20.392284	30.965881	47.085155
10/6/2009 12:40	3010	2.090277778	20.386683	30.961853	47.072216
10/6/2009 12:45	3015	2.09375	20.381588	30.965881	47.060455
10/6/2009 12:50	3020	2.097222222	20.378599	30.961853	47.053555
10/6/2009 12:55	3025	2.100694444	20.375978	30.96283	47.047501
10/6/2009 13:00	3030	2.104166667	20.371626	30.964844	47.037453
10/6/2009 13:05	3035	2.107638889	20.367798	30.964844	47.028614

10/6/2009 13:10	3040	2.111111111	20.365133	30.964844	47.022461
10/6/2009 13:15	3045	2.114583333	20.360537	30.965881	47.011848
10/6/2009 13:20	3050	2.118055556	20.358801	30.964355	47.007839
10/6/2009 13:25	3055	2.121527778	20.356581	30.964844	47.002716
10/6/2009 13:30	3060	2.125	20.352537	30.964844	46.993378
10/6/2009 13:35	3065	2.128472222	20.350809	30.963837	46.989388
10/6/2009 13:40	3070	2.131944444	20.348114	30.964844	46.983166
10/6/2009 13:45	3075	2.135416667	20.34506	30.964844	46.976112
10/6/2009 13:50	3080	2.138888889	20.342779	30.963837	46.970848
10/6/2009 13:55	3085	2.142361111	20.34041	30.963837	46.965374
10/6/2009 14:00	3090	2.145833333	20.339418	30.963379	46.963085
10/6/2009 14:05	3095	2.149305556	20.338303	30.966339	46.96051
10/6/2009 14:10	3100	2.152777778	20.33539	30.965332	46.953785
10/6/2009 14:15	3105	2.15625	20.33474	30.964355	46.952286
10/6/2009 14:20	3110	2.159722222	20.331812	30.964355	46.945522
10/6/2009 14:25	3115	2.163194444	20.329082	30.96283	46.93922
10/6/2009 14:30	3120	2.166666667	20.329382	30.966858	46.939911
10/6/2009 14:35	3125	2.170138889	20.327662	30.966339	46.935944
10/6/2009 14:40	3130	2.173611111	20.325041	30.963379	46.92989
10/6/2009 14:45	3135	2.177083333	20.322474	30.964844	46.923962
10/6/2009 14:50	3140	2.180555556	20.320995	30.965881	46.920547
10/6/2009 14:55	3145	2.184027778	20.319874	30.966858	46.917957
10/6/2009 15:00	3150	2.1875	20.317892	30.963379	46.913383
10/6/2009 15:05	3155	2.190972222	20.315811	30.966858	46.908577
10/6/2009 15:10	3160	2.194444444	20.315687	30.966339	46.908291
10/6/2009 15:15	3165	2.197916667	20.313021	30.963837	46.902134
10/6/2009 15:20	3170	2.201388889	20.310299	30.964844	46.895851
10/6/2009 15:25	3175	2.204861111	20.309158	30.964844	46.893219
10/6/2009 15:30	3180	2.208333333	20.308271	30.966339	46.891171
10/6/2009 15:35	3185	2.211805556	20.307962	30.963837	46.890453
10/6/2009 15:40	3190	2.215277778	20.305862	30.96283	46.885609
10/6/2009 15:45	3195	2.21875	20.306601	30.965881	46.88731
10/6/2009 15:50	3200	2.222222222	20.30488	30.967346	46.883339
10/6/2009 15:55	3205	2.225694444	20.301947	30.965881	46.876568
10/6/2009 16:00	3210	2.229166667	20.302565	30.963837	46.877995
10/6/2009 16:05	3215	2.232638889	20.300341	30.963837	46.87286
10/6/2009 16:10	3220	2.236111111	20.299761	30.966858	46.871521
10/6/2009 16:15	3225	2.239583333	20.299932	30.966858	46.871914
10/6/2009 16:20	3230	2.243055556	20.297812	30.967834	46.86702
10/6/2009 16:25	3235	2.246527778	20.298174	30.960846	46.867855
10/6/2009 16:30	3240	2.25	20.29677	30.963837	46.864613
10/6/2009 16:35	3245	2.253472222	20.296242	30.965881	46.863392
10/6/2009 16:40	3250	2.256944444	20.296133	30.968353	46.863144
10/6/2009 16:45	3255	2.260416667	20.29554	30.965881	46.861774
10/6/2009 16:50	3260	2.263888889	20.294531	30.963837	46.859444
10/6/2009 16:55	3265	2.267361111	20.293739	30.966339	46.857616
10/6/2009 17:00	3270	2.270833333	20.291843	30.964355	46.853237

10/6/2009 17:05	3275	2.274305556	20.290051	30.964355	46.849098
10/6/2009 17:10	3280	2.277777778	20.290051	30.961365	46.849098
10/6/2009 17:15	3285	2.28125	20.2897	30.964355	46.848286
10/6/2009 17:20	3290	2.284722222	20.289047	30.96283	46.846779
10/6/2009 17:25	3295	2.288194444	20.289476	30.966339	46.847775
10/6/2009 17:30	3300	2.291666667	20.286356	30.964844	46.840565
10/6/2009 17:35	3305	2.295138889	20.287457	30.965881	46.843109
10/6/2009 17:40	3310	2.298611111	20.290176	30.963837	46.849388
10/6/2009 17:45	3315	2.302083333	20.283855	30.964355	46.834793
10/6/2009 17:50	3320	2.305555556	20.283527	30.965332	46.834034
10/6/2009 17:55	3325	2.309027778	20.2847	30.966858	46.836746
10/6/2009 18:00	3330	2.3125	20.283316	30.963837	46.833546
10/6/2009 18:05	3335	2.315972222	20.28112	30.96283	46.828476
10/6/2009 18:10	3340	2.319444444	20.280685	30.965881	46.827473
10/6/2009 18:15	3345	2.322916667	20.278231	30.963379	46.821804
10/6/2009 18:20	3350	2.326388889	20.279037	30.966339	46.823669
10/6/2009 18:25	3355	2.329861111	20.278332	30.966339	46.822041
10/6/2009 18:30	3360	2.333333333	20.275898	30.965881	46.816422
10/6/2009 18:35	3365	2.336805556	20.275948	30.965332	46.816536
10/6/2009 18:40	3370	2.340277778	20.275898	30.963837	46.816422
10/6/2009 18:45	3375	2.34375	20.274021	30.964355	46.812088
10/6/2009 18:50	3380	2.347222222	20.27339	30.964355	46.810627
10/6/2009 18:55	3385	2.350694444	20.273893	30.962341	46.811794
10/6/2009 19:00	3390	2.354166667	20.273893	30.967346	46.811794
10/6/2009 19:05	3395	2.357638889	20.273216	30.963379	46.810226
10/6/2009 19:10	3400	2.361111111	20.271246	30.960358	46.805679
10/6/2009 19:15	3405	2.364583333	20.270794	30.965881	46.804638
10/6/2009 19:20	3410	2.368055556	20.269821	30.966339	46.802387
10/6/2009 19:25	3415	2.371527778	20.267208	30.963379	46.796356
10/6/2009 19:30	3420	2.375	20.267788	30.964355	46.797695
10/6/2009 19:35	3425	2.378472222	20.267616	30.964355	46.797298
10/6/2009 19:40	3430	2.381944444	20.266209	30.965881	46.794044
10/6/2009 19:45	3435	2.385416667	20.264313	30.965881	46.789673
10/6/2009 19:50	3440	2.388888889	20.261904	30.965332	46.784107
10/6/2009 19:55	3445	2.392361111	20.26289	30.966339	46.786385
10/6/2009 20:00	3450	2.395833333	20.262911	30.963379	46.786434
10/6/2009 20:05	3455	2.399305556	20.260695	30.963379	46.781315
10/6/2009 20:10	3460	2.402777778	20.258963	30.96283	46.777317
10/6/2009 20:15	3465	2.40625	20.258804	30.964355	46.776955
10/6/2009 20:20	3470	2.409722222	20.257635	30.966339	46.774254
10/6/2009 20:25	3475	2.413194444	20.258667	30.966339	46.776634
10/6/2009 20:30	3480	2.416666667	20.257986	30.966339	46.775059
10/6/2009 20:35	3485	2.420138889	20.25736	30.965332	46.773617
10/6/2009 20:40	3490	2.423611111	20.254292	30.964355	46.766533
10/6/2009 20:45	3495	2.427083333	20.256153	30.963379	46.770828
10/6/2009 20:50	3500	2.430555556	20.25388	30.963837	46.765579
10/6/2009 20:55	3505	2.434027778	20.253981	30.967346	46.765812

10/6/2009 21:00	3510	2.4375	20.255186	30.96283	46.768597
10/6/2009 21:05	3515	2.440972222	20.255032	30.964844	46.768238
10/6/2009 21:10	3520	2.444444444	20.252764	30.965881	46.763004
10/6/2009 21:15	3525	2.447916667	20.253521	30.961365	46.764755
10/6/2009 21:20	3530	2.451388889	20.251646	30.963837	46.760422
10/6/2009 21:25	3535	2.454861111	20.249014	30.965332	46.754345
10/6/2009 21:30	3540	2.458333333	20.249289	30.963837	46.754978
10/6/2009 21:35	3545	2.461805556	20.249853	30.964844	46.756283
10/6/2009 21:40	3550	2.465277778	20.247578	30.965881	46.75103
10/6/2009 21:45	3555	2.46875	20.248243	30.965332	46.752567
10/6/2009 21:50	3560	2.472222222	20.247959	30.965332	46.751911
10/6/2009 21:55	3565	2.475694444	20.246126	30.966858	46.747681
10/6/2009 22:00	3570	2.479166667	20.245611	30.966339	46.746487
10/6/2009 22:05	3575	2.482638889	20.246037	30.965332	46.747471
10/6/2009 22:10	3580	2.486111111	20.243925	30.965881	46.742596
10/6/2009 22:15	3585	2.489583333	20.241795	30.962341	46.737675
10/6/2009 22:20	3590	2.493055556	20.244118	30.964355	46.743038
10/6/2009 22:25	3595	2.496527778	20.242409	30.965881	46.739094
10/6/2009 22:30	3600	2.5	20.242729	30.965332	46.739834
10/6/2009 22:35	3605	2.503472222	20.243244	30.966858	46.741024
10/6/2009 22:40	3610	2.506944444	20.240339	30.963837	46.734318
10/6/2009 22:45	3615	2.510416667	20.241795	30.963837	46.737675
10/6/2009 22:50	3620	2.513888889	20.241388	30.963837	46.736736
10/6/2009 22:55	3625	2.517361111	20.239431	30.963379	46.73222
10/6/2009 23:00	3630	2.520833333	20.24123	30.963837	46.73637
10/6/2009 23:05	3635	2.524305556	20.238226	30.963379	46.729439
10/6/2009 23:10	3640	2.527777778	20.238665	30.963379	46.73045
10/6/2009 23:15	3645	2.53125	20.238291	30.960846	46.729588
10/6/2009 23:20	3650	2.534722222	20.238064	30.962341	46.729061
10/6/2009 23:25	3655	2.538194444	20.236029	30.964355	46.724361
10/6/2009 23:30	3660	2.541666667	20.237461	30.964844	46.727669
10/6/2009 23:35	3665	2.545138889	20.23793	30.965332	46.728756
10/6/2009 23:40	3670	2.548611111	20.236145	30.963837	46.724632
10/6/2009 23:45	3675	2.552083333	20.236092	30.965881	46.724506
10/6/2009 23:50	3680	2.555555556	20.234816	30.963837	46.721561
10/6/2009 23:55	3685	2.559027778	20.235147	30.962341	46.722328
10/7/2009 0:00	3690	2.5625	20.234655	30.964355	46.721191
10/7/2009 0:05	3695	2.565972222	20.232777	30.96283	46.716854
10/7/2009 0:10	3700	2.569444444	20.234192	30.963837	46.720123
10/7/2009 0:15	3705	2.572916667	20.235212	30.964355	46.722481
10/7/2009 0:20	3710	2.576388889	20.232269	30.965332	46.715679
10/7/2009 0:25	3715	2.579861111	20.233358	30.963379	46.718197
10/7/2009 0:30	3720	2.583333333	20.232214	30.963379	46.715557
10/7/2009 0:35	3725	2.586805556	20.231983	30.964844	46.715019
10/7/2009 0:40	3730	2.590277778	20.233944	30.963379	46.719551
10/7/2009 0:45	3735	2.59375	20.231216	30.965332	46.713253
10/7/2009 0:50	3740	2.597222222	20.231567	30.963379	46.714062

10/7/2009 0:55	3745	2.600694444	20.231216	30.963379	46.713253
10/7/2009 1:00	3750	2.604166667	20.231052	30.961853	46.712875
10/7/2009 1:05	3755	2.607638889	20.230434	30.96283	46.711449
10/7/2009 1:10	3760	2.611111111	20.227283	30.964844	46.704174
10/7/2009 1:15	3765	2.614583333	20.227045	30.963837	46.703621
10/7/2009 1:20	3770	2.618055556	20.227575	30.965332	46.704845
10/7/2009 1:25	3775	2.621527778	20.227659	30.964355	46.70504
10/7/2009 1:30	3780	2.625	20.225714	30.964844	46.700546
10/7/2009 1:35	3785	2.628472222	20.225838	30.963837	46.700832
10/7/2009 1:40	3790	2.631944444	20.225714	30.964844	46.700546
10/7/2009 1:45	3795	2.635416667	20.225555	30.96283	46.70018
10/7/2009 1:50	3800	2.638888889	20.22426	30.963379	46.697193
10/7/2009 1:55	3805	2.642361111	20.224876	30.961853	46.698612
10/7/2009 2:00	3810	2.645833333	20.225079	30.963379	46.699078
10/7/2009 2:05	3815	2.649305556	20.224318	30.962341	46.697323
10/7/2009 2:10	3820	2.652777778	20.225622	30.962341	46.700336
10/7/2009 2:15	3825	2.65625	20.22419	30.963837	46.697025
10/7/2009 2:20	3830	2.659722222	20.225395	30.964355	46.69981
10/7/2009 2:25	3835	2.663194444	20.225204	30.965332	46.699371
10/7/2009 2:30	3840	2.666666667	20.226618	30.961365	46.702633
10/7/2009 2:35	3845	2.670138889	20.226202	30.963379	46.701672
10/7/2009 2:40	3850	2.673611111	20.222607	30.96283	46.693371
10/7/2009 2:45	3855	2.677083333	20.22337	30.961853	46.695133
10/7/2009 2:50	3860	2.680555556	20.224318	30.959839	46.697323
10/7/2009 2:55	3865	2.684027778	20.225035	30.964355	46.698978
10/7/2009 3:00	3870	2.6875	20.223156	30.963837	46.694641
10/7/2009 3:05	3875	2.690972222	20.223251	30.96283	46.694862
10/7/2009 3:10	3880	2.694444444	20.222683	30.963837	46.693546
10/7/2009 3:15	3885	2.697916667	20.22296	30.965332	46.694187
10/7/2009 3:20	3890	2.701388889	20.22419	30.964355	46.697025
10/7/2009 3:25	3895	2.704861111	20.22337	30.963379	46.695133
10/7/2009 3:30	3900	2.708333333	20.224062	30.965332	46.696732
10/7/2009 3:35	3905	2.711805556	20.224707	30.963837	46.698223
10/7/2009 3:40	3910	2.715277778	20.223827	30.964355	46.69619
10/7/2009 3:45	3915	2.71875	20.222683	30.965881	46.693546
10/7/2009 3:50	3920	2.722222222	20.223536	30.962341	46.695518
10/7/2009 3:55	3925	2.725694444	20.223194	30.963837	46.694729
10/7/2009 4:00	3930	2.729166667	20.223005	30.964355	46.694294
10/7/2009 4:05	3935	2.732638889	20.2218	30.963379	46.691509
10/7/2009 4:10	3940	2.736111111	20.221329	30.963837	46.690422
10/7/2009 4:15	3945	2.739583333	20.221449	30.963379	46.690697
10/7/2009 4:20	3950	2.743055556	20.221329	30.962341	46.690422
10/7/2009 4:25	3955	2.746527778	20.22056	30.965881	46.688648
10/7/2009 4:30	3960	2.75	20.222109	30.96283	46.692223
10/7/2009 4:35	3965	2.753472222	20.219614	30.964355	46.686462
10/7/2009 4:40	3970	2.756944444	20.22047	30.963379	46.688442
10/7/2009 4:45	3975	2.760416667	20.217899	30.962341	46.682503

10/7/2009 4:50	3980	2.763888889	20.217625	30.96283	46.68187
10/7/2009 4:55	3985	2.767361111	20.217987	30.96283	46.682705
10/7/2009 5:00	3990	2.770833333	20.21586	30.964844	46.677792
10/7/2009 5:05	3995	2.774305556	20.214069	30.964844	46.67366
10/7/2009 5:10	4000	2.777777778	20.21467	30.965881	46.675045
10/7/2009 5:15	4005	2.78125	20.213652	30.964355	46.672695
10/7/2009 5:20	4010	2.784722222	20.213503	30.963379	46.672352
10/7/2009 5:25	4015	2.788194444	20.212124	30.964844	46.66917
10/7/2009 5:30	4020	2.791666667	20.210972	30.961365	46.666508
10/7/2009 5:35	4025	2.795138889	20.212866	30.963837	46.670883
10/7/2009 5:40	4030	2.798611111	20.211412	30.965332	46.667522
10/7/2009 5:45	4035	2.802083333	20.209944	30.961365	46.664131
10/7/2009 5:50	4040	2.805555556	20.210562	30.962341	46.665558
10/7/2009 5:55	4045	2.809027778	20.209478	30.964844	46.663059
10/7/2009 6:00	4050	2.8125	20.20796	30.963837	46.659554
10/7/2009 6:05	4055	2.815972222	20.205338	30.962341	46.6535
10/7/2009 6:10	4060	2.819444444	20.206463	30.96283	46.656094
10/7/2009 6:15	4065	2.822916667	20.205706	30.963379	46.65435
10/7/2009 6:20	4070	2.826388889	20.205868	30.96283	46.654724
10/7/2009 6:25	4075	2.829861111	20.204113	30.963837	46.650673
10/7/2009 6:30	4080	2.833333333	20.204203	30.963379	46.650879
10/7/2009 6:35	4085	2.836805556	20.202469	30.964355	46.646873
10/7/2009 6:40	4090	2.840277778	20.202944	30.96283	46.647972
10/7/2009 6:45	4095	2.84375	20.201773	30.965332	46.645267
10/7/2009 6:50	4100	2.847222222	20.199017	30.962341	46.638905
10/7/2009 6:55	4105	2.850694444	20.199986	30.966339	46.64114
10/7/2009 7:00	4110	2.854166667	20.198771	30.961365	46.638336
10/7/2009 7:05	4115	2.857638889	20.198555	30.961365	46.637836
10/7/2009 7:10	4120	2.861111111	20.198771	30.964844	46.638336
10/7/2009 7:15	4125	2.864583333	20.197058	30.963837	46.63438
10/7/2009 7:20	4130	2.868055556	20.196358	30.963837	46.632767
10/7/2009 7:25	4135	2.871527778	20.193569	30.964355	46.626328
10/7/2009 7:30	4140	2.875	20.193853	30.963837	46.62698
10/7/2009 7:35	4145	2.878472222	20.192429	30.965332	46.623692
10/7/2009 7:40	4150	2.881944444	20.191019	30.963379	46.620438
10/7/2009 7:45	4155	2.885416667	20.193493	30.963379	46.626152
10/7/2009 7:50	4160	2.888888889	20.189936	30.963379	46.617935
10/7/2009 7:55	4165	2.892361111	20.189346	30.965881	46.616577
10/7/2009 8:00	4170	2.895833333	20.188604	30.963379	46.614864
10/7/2009 8:05	4175	2.899305556	20.188429	30.964355	46.614456
10/7/2009 8:10	4180	2.902777778	20.187834	30.963837	46.613087
10/7/2009 8:15	4185	2.90625	20.18428	30.965332	46.604877
10/7/2009 8:20	4190	2.909722222	20.184729	30.959839	46.605911
10/7/2009 8:25	4195	2.913194444	20.184216	30.963837	46.604729
10/7/2009 8:30	4200	2.916666667	20.182594	30.963837	46.600986
10/7/2009 8:35	4205	2.920138889	20.183329	30.964355	46.60268
10/7/2009 8:40	4210	2.923611111	20.181654	30.963379	46.598816

10/7/2009 8:45	4215	2.927083333	20.179678	30.961853	46.594254
10/7/2009 8:50	4220	2.930555556	20.177721	30.962341	46.589733
10/7/2009 8:55	4225	2.934027778	20.176912	30.964844	46.587868
10/7/2009 9:00	4230	2.9375	20.178631	30.965881	46.591835
10/7/2009 9:05	4235	2.940972222	20.176191	30.963837	46.586201
10/7/2009 9:10	4240	2.944444444	20.177557	30.965881	46.589352
10/7/2009 9:15	4245	2.947916667	20.176653	30.965881	46.587265
10/7/2009 9:20	4250	2.951388889	20.176458	30.961853	46.586815
10/7/2009 9:25	4255	2.954861111	20.17486	30.964355	46.583126
10/7/2009 9:30	4260	2.958333333	20.174509	30.963837	46.582317
10/7/2009 9:35	4265	2.961805556	20.172735	30.960358	46.57822
10/7/2009 9:40	4270	2.965277778	20.171946	30.962341	46.576397
10/7/2009 9:45	4275	2.96875	20.170946	30.961365	46.574089
10/7/2009 9:50	4280	2.972222222	20.171562	30.964355	46.575516
10/7/2009 9:55	4285	2.975694444	20.171562	30.961853	46.575516
10/7/2009 10:00	4290	2.979166667	20.168839	30.963379	46.569225
10/7/2009 10:05	4295	2.982638889	20.170506	30.96283	46.573074
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10/7/2009 10:15	4305	2.989583333	20.169149	30.964844	46.569942
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10/7/2009 10:25	4315	2.996527778	20.16847	30.963837	46.568371
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10/7/2009 10:40	4330	3.006944444	20.165653	30.964355	46.561871
10/7/2009 10:45	4335	3.010416667	20.16683	30.962341	46.564587
10/7/2009 10:50	4340	3.013888889	20.164625	30.961365	46.559498
10/7/2009 10:55	4345	3.017361111	20.163889	30.961853	46.557796
10/7/2009 11:00	4350	3.020833333	20.164579	30.962341	46.559387
10/7/2009 11:05	4355	3.024305556	20.165878	30.965332	46.562386
10/7/2009 11:10	4360	3.027777778	20.164288	30.964844	46.558716
10/7/2009 11:15	4365	3.03125	20.164976	30.961853	46.560307
10/7/2009 11:20	4370	3.034722222	20.164976	30.96283	46.560307
10/7/2009 11:25	4375	3.038194444	20.163448	30.963837	46.556778
10/7/2009 11:30	4380	3.041666667	20.163692	30.962341	46.557343
10/7/2009 11:35	4385	3.045138889	20.164089	30.965332	46.558254
10/7/2009 11:40	4390	3.048611111	20.163807	30.964355	46.557606
10/7/2009 11:45	4395	3.052083333	20.1632	30.961853	46.556202
10/7/2009 11:50	4400	3.055555556	20.164698	30.96283	46.559662
10/7/2009 11:55	4405	3.059027778	20.162142	30.964844	46.553761
10/7/2009 12:00	4410	3.0625	20.163092	30.961853	46.555954
10/7/2009 12:05	4415	3.065972222	20.163692	30.965881	46.557343
10/7/2009 12:10	4420	3.069444444	20.162811	30.964355	46.555305
10/7/2009 12:15	4425	3.072916667	20.163979	30.961365	46.558002
10/7/2009 12:20	4430	3.076388889	20.162083	30.962341	46.553623
10/7/2009 12:25	4435	3.079861111	20.163948	30.961365	46.55793
10/7/2009 12:30	4440	3.083333333	20.164579	30.962341	46.559387
10/7/2009 12:35	4445	3.086805556	20.165226	30.961853	46.560883

10/7/2009 12:40	4450	3.090277778	20.16514	30.964844	46.560684
10/7/2009 12:45	4455	3.09375	20.164549	30.963379	46.559315
10/7/2009 12:50	4460	3.097222222	20.166788	30.963837	46.564487
10/7/2009 12:55	4465	3.100694444	20.167128	30.964844	46.565269
10/7/2009 13:00	4470	3.104166667	20.167936	30.963379	46.567142
10/7/2009 13:05	4475	3.107638889	20.169344	30.963379	46.570389
10/7/2009 13:10	4480	3.111111111	20.169718	30.962341	46.571251
10/7/2009 13:15	4485	3.114583333	20.169039	30.963379	46.569687
10/7/2009 13:20	4490	3.118055556	20.169985	30.964355	46.571869
10/7/2009 13:25	4495	3.121527778	20.171251	30.962341	46.574795
10/7/2009 13:30	4500	3.125	20.172251	30.964355	46.577099
10/7/2009 13:35	4505	3.128472222	20.172071	30.961853	46.576687
10/7/2009 13:40	4510	3.131944444	20.174198	30.961853	46.5816
10/7/2009 13:45	4515	3.135416667	20.173882	30.963837	46.580868
10/7/2009 13:50	4520	3.138888889	20.174715	30.963837	46.58279
10/7/2009 13:55	4525	3.142361111	20.175344	30.963837	46.584244
10/7/2009 14:00	4530	3.145833333	20.173561	30.961365	46.580128
10/7/2009 14:05	4535	3.149305556	20.175598	30.96283	46.584831
10/7/2009 14:10	4540	3.152777778	20.176191	30.962341	46.586201
10/7/2009 14:15	4545	3.15625	20.175478	30.964355	46.584557
10/7/2009 14:20	4550	3.159722222	20.177498	30.964355	46.589218
10/7/2009 14:25	4555	3.163194444	20.177889	30.961853	46.590118
10/7/2009 14:30	4560	3.166666667	20.179045	30.962341	46.592789
10/7/2009 14:35	4565	3.170138889	20.177969	30.961365	46.590305
10/7/2009 14:40	4570	3.173611111	20.177134	30.961365	46.588375
10/7/2009 14:45	4575	3.177083333	20.178436	30.965881	46.591385
10/7/2009 14:50	4580	3.180555556	20.178938	30.966339	46.592541
10/7/2009 14:55	4585	3.184027778	20.179874	30.963379	46.594707
10/7/2009 15:00	4590	3.1875	20.178545	30.96283	46.591637
10/7/2009 15:05	4595	3.190972222	20.179401	30.96283	46.593613
10/7/2009 15:10	4600	3.194444444	20.178545	30.963379	46.591637
10/7/2009 15:15	4605	3.197916667	20.177721	30.962341	46.589733
10/7/2009 15:20	4610	3.201388889	20.178436	30.961365	46.591385
10/7/2009 15:25	4615	3.204861111	20.176912	30.965332	46.587868
10/7/2009 15:30	4620	3.208333333	20.17878	30.961853	46.592178
10/7/2009 15:35	4625	3.211805556	20.17878	30.962341	46.592178
10/7/2009 15:40	4630	3.215277778	20.17878	30.959351	46.592178
10/7/2009 15:45	4635	3.21875	20.180593	30.964844	46.596363
10/7/2009 15:50	4640	3.222222222	20.17878	30.968353	46.592178
10/7/2009 15:55	4645	3.225694444	20.178436	30.964844	46.591385
10/7/2009 16:00	4650	3.229166667	20.180317	30.964355	46.595726
10/7/2009 16:05	4655	3.232638889	20.180635	30.96283	46.596462
10/7/2009 16:10	4660	3.236111111	20.180937	30.964355	46.59716
10/7/2009 16:15	4665	3.239583333	20.181133	30.963379	46.597614
10/7/2009 16:20	4670	3.243055556	20.181198	30.961365	46.597763
10/7/2009 16:25	4675	3.246527778	20.180502	30.960846	46.596153
10/7/2009 16:30	4680	3.25	20.180937	30.961365	46.59716

10/7/2009 16:35	4685	3.253472222	20.180981	30.965332	46.59726
10/7/2009 16:40	4690	3.256944444	20.179739	30.962341	46.594395
10/7/2009 16:45	4695	3.260416667	20.181578	30.961853	46.598637
10/7/2009 16:50	4700	3.263888889	20.180437	30.963837	46.596001
10/7/2009 16:55	4705	3.267361111	20.18173	30.963379	46.598991
10/7/2009 17:00	4710	3.270833333	20.182903	30.963379	46.6017
10/7/2009 17:05	4715	3.274305556	20.180981	30.962341	46.59726
10/7/2009 17:10	4720	3.277777778	20.182487	30.963837	46.600739
10/7/2009 17:15	4725	3.28125	20.181828	30.96283	46.599216
10/7/2009 17:20	4730	3.284722222	20.182114	30.961365	46.599873
10/7/2009 17:25	4735	3.288194444	20.182304	30.963379	46.600315
10/7/2009 17:30	4740	3.291666667	20.181198	30.96283	46.597763
10/7/2009 17:35	4745	3.295138889	20.180317	30.961853	46.595726
10/7/2009 17:40	4750	3.298611111	20.181898	30.962341	46.599377
10/7/2009 17:45	4755	3.302083333	20.183733	30.962341	46.603615
10/7/2009 17:50	4760	3.305555556	20.181271	30.964355	46.597931
10/7/2009 17:55	4765	3.309027778	20.181198	30.96283	46.597763
10/7/2009 18:00	4770	3.3125	20.181133	30.961365	46.597614
10/7/2009 18:05	4775	3.315972222	20.180105	30.96283	46.595238
10/7/2009 18:10	4780	3.319444444	20.180218	30.963837	46.595497
10/7/2009 18:15	4785	3.322916667	20.17922	30.962341	46.593193
10/7/2009 18:20	4790	3.326388889	20.178846	30.962341	46.592331
10/7/2009 18:25	4795	3.329861111	20.18001	30.961365	46.59502
10/7/2009 18:30	4800	3.333333333	20.177889	30.963379	46.590118
10/7/2009 18:35	4805	3.336805556	20.1798	30.963379	46.594536
10/7/2009 18:40	4810	3.340277778	20.178997	30.96283	46.592678
10/7/2009 18:45	4815	3.34375	20.177664	30.96283	46.5896
10/7/2009 18:50	4820	3.347222222	20.176586	30.962341	46.587112
10/7/2009 18:55	4825	3.350694444	20.178102	30.962341	46.590611
10/7/2009 19:00	4830	3.354166667	20.176912	30.963837	46.587868
10/7/2009 19:05	4835	3.357638889	20.17606	30.961853	46.585896
10/7/2009 19:10	4840	3.361111111	20.175701	30.964355	46.585068
10/7/2009 19:15	4845	3.364583333	20.17606	30.962341	46.585896
10/7/2009 19:20	4850	3.368055556	20.175425	30.963837	46.584427
10/7/2009 19:25	4855	3.371527778	20.173952	30.96283	46.581032
10/7/2009 19:30	4860	3.375	20.173208	30.962341	46.579311
10/7/2009 19:35	4865	3.378472222	20.171673	30.962341	46.575768
10/7/2009 19:40	4870	3.381944444	20.172251	30.963379	46.577099
10/7/2009 19:45	4875	3.385416667	20.172735	30.965332	46.57822
10/7/2009 19:50	4880	3.388888889	20.17131	30.964844	46.574928
10/7/2009 19:55	4885	3.392361111	20.170506	30.964355	46.573074
10/7/2009 20:00	4890	3.395833333	20.171616	30.961365	46.575638
10/7/2009 20:05	4895	3.399305556	20.170433	30.96283	46.572906
10/7/2009 20:10	4900	3.402777778	20.169634	30.96283	46.57106
10/7/2009 20:15	4905	3.40625	20.170462	30.96283	46.572971
10/7/2009 20:20	4910	3.409722222	20.169718	30.960846	46.571251
10/7/2009 20:25	4915	3.413194444	20.169807	30.960358	46.571461

10/7/2009 20:30	4920	3.416666667	20.16847	30.96283	46.568371
10/7/2009 20:35	4925	3.420138889	20.16897	30.962341	46.56953
10/7/2009 20:40	4930	3.423611111	20.167017	30.96283	46.565018
10/7/2009 20:45	4935	3.427083333	20.167263	30.959839	46.565582
10/7/2009 20:50	4940	3.430555556	20.167412	30.96283	46.565929
10/7/2009 20:55	4945	3.434027778	20.166534	30.961365	46.563904
10/7/2009 21:00	4950	3.4375	20.164288	30.96283	46.558716
10/7/2009 21:05	4955	3.440972222	20.164026	30.963379	46.558113
10/7/2009 21:10	4960	3.444444444	20.163549	30.961853	46.557014
10/7/2009 21:15	4965	3.447916667	20.162951	30.964355	46.555626
10/7/2009 21:20	4970	3.451388889	20.163334	30.961853	46.556515
10/7/2009 21:25	4975	3.454861111	20.162811	30.96283	46.555305
10/7/2009 21:30	4980	3.458333333	20.161472	30.962341	46.552212
10/7/2009 21:35	4985	3.461805556	20.157961	30.963379	46.544109
10/7/2009 21:40	4990	3.465277778	20.16144	30.963379	46.552139
10/7/2009 21:45	4995	3.46875	20.160238	30.963379	46.549362
10/7/2009 21:50	5000	3.472222222	20.159191	30.963837	46.546947
10/7/2009 21:55	5005	3.475694444	20.159636	30.962341	46.547974
10/7/2009 22:00	5010	3.479166667	20.159712	30.960846	46.548149
10/7/2009 22:05	5015	3.482638889	20.159376	30.963379	46.547375
10/7/2009 22:10	5020	3.486111111	20.157961	30.961853	46.544109
10/7/2009 22:15	5025	3.489583333	20.159506	30.964355	46.547676
10/7/2009 22:20	5030	3.493055556	20.159712	30.961853	46.548149
10/7/2009 22:25	5035	3.496527778	20.158039	30.964355	46.544289
10/7/2009 22:30	5040	3.5	20.158081	30.963379	46.544384
10/7/2009 22:35	5045	3.503472222	20.15588	30.962341	46.539299
10/7/2009 22:40	5050	3.506944444	20.1572	30.96283	46.542347
10/7/2009 22:45	5055	3.510416667	20.156971	30.96283	46.541824
10/7/2009 22:50	5060	3.513888889	20.155165	30.961853	46.537651
10/7/2009 22:55	5065	3.517361111	20.155472	30.963379	46.538361
10/7/2009 23:00	5070	3.520833333	20.156364	30.963379	46.540421
10/7/2009 23:05	5075	3.524305556	20.155403	30.962341	46.538204
10/7/2009 23:10	5080	3.527777778	20.154718	30.962341	46.536621
10/7/2009 23:15	5085	3.53125	20.153009	30.962341	46.532673
10/7/2009 23:20	5090	3.534722222	20.153009	30.960846	46.532673
10/7/2009 23:25	5095	3.538194444	20.151772	30.965332	46.529816
10/7/2009 23:30	5100	3.541666667	20.152544	30.961365	46.531601
10/7/2009 23:35	5105	3.545138889	20.151861	30.958344	46.530025
10/7/2009 23:40	5110	3.548611111	20.152205	30.963379	46.530815
10/7/2009 23:45	5115	3.552083333	20.15284	30.961365	46.532284
10/7/2009 23:50	5120	3.555555556	20.153316	30.962341	46.533382
10/7/2009 23:55	5125	3.559027778	20.151276	30.961853	46.528671
10/8/2009 0:00	5130	3.5625	20.150013	30.963837	46.525757
10/8/2009 0:05	5135	3.565972222	20.149679	30.962341	46.524982
10/8/2009 0:10	5140	3.569444444	20.150728	30.962341	46.527405
10/8/2009 0:15	5145	3.572916667	20.150475	30.961365	46.526821
10/8/2009 0:20	5150	3.576388889	20.150572	30.96283	46.527046

10/8/2009 0:25	5155	3.579861111	20.149076	30.963379	46.523594
10/8/2009 0:30	5160	3.583333333	20.148176	30.963379	46.521515
10/8/2009 0:35	5165	3.586805556	20.149643	30.960846	46.524899
10/8/2009 0:40	5170	3.590277778	20.14901	30.961365	46.523441
10/8/2009 0:45	5175	3.59375	20.14756	30.961365	46.520092
10/8/2009 0:50	5180	3.597222222	20.148176	30.961853	46.521515
10/8/2009 0:55	5185	3.600694444	20.146307	30.965332	46.517197
10/8/2009 1:00	5190	3.604166667	20.145296	30.959839	46.514866
10/8/2009 1:05	5195	3.607638889	20.145817	30.961365	46.516068
10/8/2009 1:10	5200	3.611111111	20.144514	30.962341	46.513058
10/8/2009 1:15	5205	3.614583333	20.144165	30.960846	46.512253
10/8/2009 1:20	5210	3.618055556	20.145132	30.961365	46.514484
10/8/2009 1:25	5215	3.621527778	20.143875	30.962341	46.511581
10/8/2009 1:30	5220	3.625	20.144514	30.964355	46.513058
10/8/2009 1:35	5225	3.628472222	20.145782	30.96283	46.515987
10/8/2009 1:40	5230	3.631944444	20.140352	30.962341	46.503448
10/8/2009 1:45	5235	3.635416667	20.141464	30.964355	46.506016
10/8/2009 1:50	5240	3.638888889	20.142622	30.960846	46.50869
10/8/2009 1:55	5245	3.642361111	20.141613	30.963837	46.506363
10/8/2009 2:00	5250	3.645833333	20.140896	30.963379	46.504704
10/8/2009 2:05	5255	3.649305556	20.140608	30.960846	46.50404
10/8/2009 2:10	5260	3.652777778	20.141029	30.962341	46.505013
10/8/2009 2:15	5265	3.65625	20.139523	30.962341	46.501534
10/8/2009 2:20	5270	3.659722222	20.139866	30.963379	46.502323
10/8/2009 2:25	5275	3.663194444	20.138071	30.963379	46.49818
10/8/2009 2:30	5280	3.666666667	20.138502	30.959839	46.499176
10/8/2009 2:35	5285	3.670138889	20.138645	30.961365	46.499508
10/8/2009 2:40	5290	3.673611111	20.138645	30.963837	46.499508
10/8/2009 2:45	5295	3.677083333	20.140789	30.961365	46.504459
10/8/2009 2:50	5300	3.680555556	20.138159	30.960358	46.498386
10/8/2009 2:55	5305	3.684027778	20.138409	30.96283	46.498959
10/8/2009 3:00	5310	3.6875	20.137672	30.961853	46.497261
10/8/2009 3:05	5315	3.690972222	20.136787	30.964355	46.49522
10/8/2009 3:10	5320	3.694444444	20.137936	30.961853	46.497868
10/8/2009 3:15	5325	3.697916667	20.137672	30.963379	46.497261
10/8/2009 3:20	5330	3.701388889	20.136372	30.960846	46.494259
10/8/2009 3:25	5335	3.704861111	20.138363	30.960846	46.498856
10/8/2009 3:30	5340	3.708333333	20.138809	30.958862	46.499882
10/8/2009 3:35	5345	3.711805556	20.135815	30.959839	46.492973
10/8/2009 3:40	5350	3.715277778	20.136372	30.959839	46.494259
10/8/2009 3:45	5355	3.71875	20.136711	30.961853	46.495045
10/8/2009 3:50	5360	3.722222222	20.136837	30.961853	46.495335
10/8/2009 3:55	5365	3.725694444	20.13608	30.96283	46.493584
10/8/2009 4:00	5370	3.729166667	20.13381	30.964844	46.488346
10/8/2009 4:05	5375	3.732638889	20.134405	30.96283	46.489719
10/8/2009 4:10	5380	3.736111111	20.134996	30.961853	46.491085
10/8/2009 4:15	5385	3.739583333	20.134829	30.96283	46.490696

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10/8/2009 4:25	5395	3.746527778	20.130547	30.961365	46.480808
10/8/2009 4:30	5400	3.75	20.131659	30.962341	46.483376
10/8/2009 4:35	5405	3.753472222	20.131943	30.963379	46.484028
10/8/2009 4:40	5410	3.756944444	20.131201	30.960846	46.482319
10/8/2009 4:45	5415	3.760416667	20.129051	30.963837	46.477356
10/8/2009 4:50	5420	3.763888889	20.129946	30.963837	46.47942
10/8/2009 4:55	5425	3.767361111	20.12793	30.96283	46.474766
10/8/2009 5:00	5430	3.770833333	20.128168	30.960358	46.475319
10/8/2009 5:05	5435	3.774305556	20.126841	30.96283	46.472252
10/8/2009 5:10	5440	3.777777778	20.12793	30.963379	46.474766
10/8/2009 5:15	5445	3.78125	20.125261	30.963379	46.468605
10/8/2009 5:20	5450	3.784722222	20.127211	30.961853	46.473106
10/8/2009 5:25	5455	3.788194444	20.126902	30.960358	46.472393
10/8/2009 5:30	5460	3.791666667	20.127089	30.961853	46.472824
10/8/2009 5:35	5465	3.795138889	20.124039	30.961365	46.465782
10/8/2009 5:40	5470	3.798611111	20.124762	30.960846	46.467449
10/8/2009 5:45	5475	3.802083333	20.124231	30.961853	46.466225
10/8/2009 5:50	5480	3.805555556	20.122463	30.963379	46.462143
10/8/2009 5:55	5485	3.809027778	20.120947	30.96283	46.458641
10/8/2009 6:00	5490	3.8125	20.122232	30.96283	46.461613
10/8/2009 6:05	5495	3.815972222	20.121161	30.96283	46.459133
10/8/2009 6:10	5500	3.819444444	20.119831	30.959839	46.456062
10/8/2009 6:15	5505	3.822916667	20.120371	30.963379	46.457314
10/8/2009 6:20	5510	3.826388889	20.121597	30.963379	46.460144
10/8/2009 6:25	5515	3.829861111	20.120131	30.963379	46.456757
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10/8/2009 6:40	5530	3.840277778	20.115887	30.963379	46.44696
10/8/2009 6:45	5535	3.84375	20.117392	30.962341	46.450436
10/8/2009 6:50	5540	3.847222222	20.116583	30.96283	46.448566
10/8/2009 6:55	5545	3.850694444	20.114901	30.963837	46.444683
10/8/2009 7:00	5550	3.854166667	20.113838	30.959839	46.442226
10/8/2009 7:05	5555	3.857638889	20.11429	30.965881	46.443272
10/8/2009 7:10	5560	3.861111111	20.114405	30.965332	46.443535
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10/8/2009 7:20	5570	3.868055556	20.113787	30.959839	46.442108
10/8/2009 7:25	5575	3.871527778	20.111679	30.961365	46.437244
10/8/2009 7:30	5580	3.875	20.110321	30.959839	46.434105
10/8/2009 7:35	5585	3.878472222	20.108925	30.961853	46.430882
10/8/2009 7:40	5590	3.881944444	20.107641	30.961365	46.427921
10/8/2009 7:45	5595	3.885416667	20.107641	30.960846	46.427921
10/8/2009 7:50	5600	3.888888889	20.106794	30.961853	46.425964
10/8/2009 7:55	5605	3.892361111	20.105173	30.962341	46.422222
10/8/2009 8:00	5610	3.895833333	20.105373	30.962341	46.422684
10/8/2009 8:05	5615	3.899305556	20.103657	30.963379	46.41872
10/8/2009 8:10	5620	3.902777778	20.104673	30.961853	46.421066

10/8/2009 8:15	5625	3.90625	20.101984	30.961853	46.414856
10/8/2009 8:20	5630	3.909722222	20.102345	30.964844	46.415691
10/8/2009 8:25	5635	3.913194444	20.100275	30.960846	46.410912
10/8/2009 8:30	5640	3.916666667	20.09968	30.961853	46.409542
10/8/2009 8:35	5645	3.920138889	20.099899	30.965332	46.410046
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10/8/2009 8:45	5655	3.927083333	20.097466	30.962341	46.404427
10/8/2009 8:50	5660	3.930555556	20.096125	30.963379	46.401329
10/8/2009 8:55	5665	3.934027778	20.096043	30.961853	46.401138
10/8/2009 9:00	5670	3.9375	20.094265	30.963837	46.397034
10/8/2009 9:05	5675	3.940972222	20.094265	30.960846	46.397034
10/8/2009 9:10	5680	3.944444444	20.092901	30.960846	46.393887
10/8/2009 9:15	5685	3.947916667	20.091574	30.961853	46.39082
10/8/2009 9:20	5690	3.951388889	20.091803	30.962341	46.39135
10/8/2009 9:25	5695	3.954861111	20.092415	30.960358	46.392765
10/8/2009 9:30	5700	3.958333333	20.090965	30.959351	46.389416
10/8/2009 9:35	5705	3.961805556	20.090456	30.96283	46.388241
10/8/2009 9:40	5710	3.965277778	20.090729	30.960846	46.38887
10/8/2009 9:45	5715	3.96875	20.089291	30.961365	46.385548
10/8/2009 9:50	5720	3.972222222	20.08853	30.961853	46.383789
10/8/2009 9:55	5725	3.975694444	20.092344	30.962341	46.392601
10/8/2009 10:00	5730	3.979166667	20.088478	30.963837	46.383671
10/8/2009 10:05	5735	3.982638889	20.089064	30.96283	46.385025
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10/8/2009 10:20	5750	3.993055556	20.085857	30.960846	46.377621
10/8/2009 10:25	5755	3.996527778	20.08754	30.960846	46.381508
10/8/2009 10:30	5760	4	20.08742	30.960846	46.381229
10/8/2009 10:35	5765	4.003472222	20.087349	30.96283	46.381065
10/8/2009 10:40	5770	4.006944444	20.08569	30.96283	46.377232
10/8/2009 10:45	5775	4.010416667	20.085857	30.961853	46.377621
10/8/2009 10:50	5780	4.013888889	20.085728	30.96283	46.377323
10/8/2009 10:55	5785	4.017361111	20.085131	30.960358	46.375942
10/8/2009 11:00	5790	4.020833333	20.085258	30.959839	46.37624
10/8/2009 11:05	5795	4.024305556	20.084963	30.959351	46.375557
10/8/2009 11:10	5800	4.027777778	20.085091	30.964844	46.375854
10/8/2009 11:15	5805	4.03125	20.087551	30.964844	46.381535
10/8/2009 11:20	5810	4.034722222	20.082714	30.959839	46.370365
10/8/2009 11:25	5815	4.038194444	20.083845	30.960846	46.372978
10/8/2009 11:30	5820	4.041666667	20.083162	30.96283	46.371399
10/8/2009 11:35	5825	4.045138889	20.082127	30.962341	46.369011
10/8/2009 11:40	5830	4.048611111	20.082586	30.961853	46.370071
10/8/2009 11:45	5835	4.052083333	20.082821	30.961853	46.370613
10/8/2009 11:50	5840	4.055555556	20.083652	30.961365	46.372532
10/8/2009 11:55	5845	4.059027778	20.086351	30.961853	46.378761
10/8/2009 12:00	5850	4.0625	20.082777	30.966339	46.37051
10/8/2009 12:05	5855	4.065972222	20.083757	30.963379	46.372772

10/8/2009 12:10	5860	4.069444444	20.084501	30.965881	46.374489
10/8/2009 12:15	5865	4.072916667	20.084072	30.961853	46.373501
10/8/2009 12:20	5870	4.076388889	20.085091	30.960358	46.375854
10/8/2009 12:25	5875	4.079861111	20.085327	30.960846	46.376396
10/8/2009 12:30	5880	4.083333333	20.084452	30.965332	46.374374
10/8/2009 12:35	5885	4.086805556	20.084452	30.964355	46.374374
10/8/2009 12:40	5890	4.090277778	20.085358	30.959351	46.376469
10/8/2009 12:45	5895	4.09375	20.08569	30.963379	46.377232
10/8/2009 12:50	5900	4.097222222	20.08742	30.961365	46.381229
10/8/2009 12:55	5905	4.100694444	20.086939	30.963379	46.380119
10/8/2009 13:00	5910	4.104166667	20.088421	30.963379	46.383541
10/8/2009 13:05	5915	4.107638889	20.086252	30.963379	46.378532
10/8/2009 13:10	5920	4.111111111	20.088179	30.962341	46.382984
10/8/2009 13:15	5925	4.114583333	20.087099	30.962341	46.380489
10/8/2009 13:20	5930	4.118055556	20.089445	30.96283	46.385906
10/8/2009 13:25	5935	4.121527778	20.090155	30.964355	46.387547
10/8/2009 13:30	5940	4.125	20.089794	30.962341	46.386711
10/8/2009 13:35	5945	4.128472222	20.092348	30.963379	46.392609
10/8/2009 13:40	5950	4.131944444	20.091709	30.964844	46.391132
10/8/2009 13:45	5955	4.135416667	20.091339	30.959351	46.390278
10/8/2009 13:50	5960	4.138888889	20.092348	30.959839	46.392609
10/8/2009 13:55	5965	4.142361111	20.094116	30.96283	46.39669
10/8/2009 14:00	5970	4.145833333	20.093849	30.964844	46.396076
10/8/2009 14:05	5975	4.149305556	20.094086	30.96283	46.396618
10/8/2009 14:10	5980	4.152777778	20.093506	30.963837	46.395283
10/8/2009 14:15	5985	4.15625	20.094908	30.962341	46.398518
10/8/2009 14:20	5990	4.159722222	20.095617	30.958862	46.400158
10/8/2009 14:25	5995	4.163194444	20.094475	30.961853	46.397518
10/8/2009 14:30	6000	4.166666667	20.096642	30.960358	46.402523
10/8/2009 14:35	6005	4.170138889	20.095854	30.961853	46.400703
10/8/2009 14:40	6010	4.173611111	20.095442	30.961365	46.39975
10/8/2009 14:45	6015	4.177083333	20.096283	30.962341	46.401695
10/8/2009 14:50	6020	4.180555556	20.095737	30.961365	46.400436
10/8/2009 14:55	6025	4.184027778	20.095081	30.961365	46.398918
10/8/2009 15:00	6030	4.1875	20.095737	30.960846	46.400436
10/8/2009 15:05	6035	4.190972222	20.094803	30.96283	46.398277
10/8/2009 15:15	6045	4.197916667	20.09794	30.963379	46.405521
10/8/2009 15:20	6050	4.201388889	20.124887	30.964355	46.467739
10/8/2009 15:25	6055	4.204861111	20.204071	30.966339	46.650574
10/8/2009 15:30	6060	4.208333333	20.270897	30.959351	46.804871
10/8/2009 15:35	6065	4.211805556	20.323851	30.963379	46.927139
10/8/2009 15:40	6070	4.215277778	20.365988	30.962341	47.024437
10/8/2009 15:45	6075	4.21875	20.402809	30.961853	47.109451
10/8/2009 15:50	6080	4.222222222	20.435728	30.962341	47.185467
10/8/2009 15:55	6085	4.225694444	20.462193	30.960358	47.246567
10/8/2009 16:00	6090	4.229166667	20.49033	30.961853	47.311535
10/8/2009 16:05	6095	4.232638889	20.513338	30.963379	47.364662

10/8/2009 16:10	6100	4.236111111	20.532772	30.964844	47.409534
10/8/2009 16:15	6105	4.239583333	20.554405	30.961853	47.459484
10/8/2009 16:20	6110	4.243055556	20.571463	30.964355	47.498871
10/8/2009 16:25	6115	4.246527778	20.589724	30.959839	47.541035
10/8/2009 16:30	6120	4.25	20.605618	30.961365	47.577732
10/8/2009 16:35	6125	4.253472222	20.620926	30.959839	47.613079
10/8/2009 16:40	6130	4.256944444	20.635136	30.960846	47.645889
10/8/2009 16:45	6135	4.260416667	20.649654	30.96283	47.679409
10/8/2009 16:50	6140	4.263888889	20.659351	30.961853	47.701805
10/8/2009 16:55	6145	4.267361111	20.670622	30.959839	47.727825
10/8/2009 17:00	6150	4.270833333	20.68153	30.960846	47.75301
10/8/2009 17:05	6155	4.274305556	20.690968	30.959839	47.774803
10/8/2009 17:10	6160	4.277777778	20.700155	30.961853	47.796017
10/8/2009 17:15	6165	4.28125	20.709728	30.963379	47.818123
10/8/2009 17:20	6170	4.284722222	20.717237	30.960846	47.835461
10/8/2009 17:25	6175	4.288194444	20.725748	30.960846	47.85511
10/8/2009 17:30	6180	4.291666667	20.733067	30.961853	47.872009
10/8/2009 17:35	6185	4.295138889	20.7397	30.960846	47.887325
10/8/2009 17:40	6190	4.298611111	20.746834	30.960358	47.903797
10/8/2009 17:45	6195	4.302083333	20.753397	30.960846	47.918949
10/8/2009 17:50	6200	4.305555556	20.758518	30.963379	47.930779
10/8/2009 17:55	6205	4.309027778	20.765045	30.961853	47.945847
10/8/2009 18:00	6210	4.3125	20.770643	30.963837	47.958775
10/8/2009 18:05	6215	4.315972222	20.776537	30.959839	47.972382
10/8/2009 18:10	6220	4.319444444	20.78249	30.961365	47.986122
10/8/2009 18:15	6225	4.322916667	20.786457	30.961365	47.995285
10/8/2009 18:20	6230	4.326388889	20.791775	30.963837	48.007561
10/8/2009 18:25	6235	4.329861111	20.794971	30.962341	48.014946
10/8/2009 18:30	6240	4.333333333	20.800022	30.961853	48.026604
10/8/2009 18:35	6245	4.336805556	20.803726	30.960846	48.03516
10/8/2009 18:40	6250	4.340277778	20.807827	30.961853	48.044624
10/8/2009 18:45	6255	4.34375	20.811863	30.960358	48.053947
10/8/2009 18:50	6260	4.347222222	20.814108	30.959351	48.059132
10/8/2009 18:55	6265	4.350694444	20.818125	30.963379	48.068405
10/8/2009 19:00	6270	4.354166667	20.822649	30.958862	48.07885
10/8/2009 19:05	6275	4.357638889	20.82336	30.962341	48.080494
10/8/2009 19:10	6280	4.361111111	20.827459	30.960358	48.089962
10/8/2009 19:15	6285	4.364583333	20.832043	30.962341	48.10054
10/8/2009 19:20	6290	4.368055556	20.834127	30.959839	48.105358
10/8/2009 19:25	6295	4.371527778	20.837114	30.960846	48.112255
10/8/2009 19:30	6300	4.375	20.83992	30.960358	48.118729
10/8/2009 19:35	6305	4.378472222	20.841957	30.96283	48.123432
10/8/2009 19:40	6310	4.381944444	20.844246	30.958862	48.128716
10/8/2009 19:45	6315	4.385416667	20.848083	30.961365	48.137577
10/8/2009 19:50	6320	4.388888889	20.847635	30.960358	48.136547
10/8/2009 19:55	6325	4.392361111	20.850843	30.96283	48.143951
10/8/2009 20:00	6330	4.395833333	20.851242	30.963379	48.144871

10/8/2009 20:05	6335	4.399305556	20.856464	30.960846	48.156929
10/8/2009 20:10	6340	4.402777778	20.857502	30.961365	48.159328
10/8/2009 20:15	6345	4.40625	20.85928	30.960358	48.163429
10/8/2009 20:20	6350	4.409722222	20.860819	30.959839	48.166985
10/8/2009 20:25	6355	4.413194444	20.863148	30.96283	48.172363
10/8/2009 20:30	6360	4.416666667	20.865948	30.96283	48.178825
10/8/2009 20:35	6365	4.420138889	20.866722	30.958862	48.180614
10/8/2009 20:40	6370	4.423611111	20.867645	30.96283	48.182747
10/8/2009 20:45	6375	4.427083333	20.869535	30.961853	48.187111
10/8/2009 20:50	6380	4.430555556	20.87166	30.958862	48.192017
10/8/2009 20:55	6385	4.434027778	20.874331	30.962341	48.198181
10/8/2009 21:00	6390	4.4375	20.873095	30.96283	48.195328
10/8/2009 21:05	6395	4.440972222	20.875177	30.96283	48.200138
10/8/2009 21:10	6400	4.444444444	20.876657	30.960358	48.203556
10/8/2009 21:15	6405	4.447916667	20.878685	30.957855	48.208233
10/8/2009 21:20	6410	4.451388889	20.87903	30.960358	48.209034
10/8/2009 21:25	6415	4.454861111	20.879457	30.960358	48.210022
10/8/2009 21:30	6420	4.458333333	20.881487	30.962341	48.214706
10/8/2009 21:35	6425	4.461805556	20.882256	30.959351	48.21648
10/8/2009 21:40	6430	4.465277778	20.879974	30.961365	48.211212
10/8/2009 21:45	6435	4.46875	20.884014	30.960846	48.220539
10/8/2009 21:50	6440	4.472222222	20.884178	30.960846	48.220917
10/8/2009 21:55	6445	4.475694444	20.884014	30.961853	48.220539
10/8/2009 22:00	6450	4.479166667	20.885811	30.962341	48.224693
10/8/2009 22:05	6455	4.482638889	20.887083	30.964355	48.227631
10/8/2009 22:10	6460	4.486111111	20.888401	30.963379	48.230671
10/8/2009 22:15	6465	4.489583333	20.887873	30.961853	48.22945
10/8/2009 22:20	6470	4.493055556	20.890459	30.961365	48.235424
10/8/2009 22:25	6475	4.496527778	20.890759	30.961365	48.236111
10/8/2009 22:30	6480	4.5	20.892756	30.959839	48.240726
10/8/2009 22:35	6485	4.503472222	20.893133	30.961853	48.241596
10/8/2009 22:40	6490	4.506944444	20.894629	30.96283	48.245049
10/8/2009 22:45	6495	4.510416667	20.894087	30.959351	48.243801
10/8/2009 22:50	6500	4.513888889	20.896852	30.96283	48.250187
10/8/2009 22:55	6505	4.517361111	20.899651	30.96283	48.256645
10/8/2009 23:00	6510	4.520833333	20.901531	30.960358	48.260986
10/8/2009 23:05	6515	4.524305556	20.900244	30.962341	48.258015
10/8/2009 23:10	6520	4.527777778	20.902802	30.962341	48.26392
10/8/2009 23:15	6525	4.53125	20.901726	30.962341	48.261436
10/8/2009 23:20	6530	4.534722222	20.903103	30.96283	48.264614
10/8/2009 23:25	6535	4.538194444	20.903488	30.961365	48.265507
10/8/2009 23:30	6540	4.541666667	20.902424	30.961853	48.26305
10/8/2009 23:35	6545	4.545138889	20.903683	30.960358	48.265957
10/8/2009 23:40	6550	4.548611111	20.904749	30.961365	48.268417
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10/8/2009 23:50	6560	4.555555556	20.908201	30.961365	48.276386
10/8/2009 23:55	6565	4.559027778	20.909374	30.96283	48.279095

10/9/2009 0:00	6570	4.5625	20.90803	30.961853	48.275993
10/9/2009 0:05	6575	4.565972222	20.910328	30.961365	48.2813
10/9/2009 0:10	6580	4.569444444	20.911163	30.962341	48.283226
10/9/2009 0:15	6585	4.572916667	20.911629	30.962341	48.284302
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10/9/2009 0:25	6595	4.579861111	20.911421	30.960358	48.283825
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10/9/2009 0:40	6610	4.590277778	20.913597	30.964355	48.288845
10/9/2009 0:45	6615	4.59375	20.916147	30.961365	48.294735
10/9/2009 0:50	6620	4.597222222	20.914366	30.961365	48.290623
10/9/2009 0:55	6625	4.600694444	20.915943	30.961365	48.294266
10/9/2009 1:00	6630	4.604166667	20.915108	30.961365	48.292336
10/9/2009 1:05	6635	4.607638889	20.915262	30.957855	48.29269
10/9/2009 1:10	6640	4.611111111	20.914915	30.960846	48.291889
10/9/2009 1:15	6645	4.614583333	20.915844	30.961853	48.294037
10/9/2009 1:20	6650	4.618055556	20.917423	30.960358	48.29768
10/9/2009 1:25	6655	4.621527778	20.917477	30.960358	48.297806
10/9/2009 1:30	6660	4.625	20.918261	30.960358	48.299614
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10/9/2009 2:55	6745	4.684027778	20.925623	30.962341	48.316616
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10/9/2009 3:25	6775	4.704861111	20.929018	30.960846	48.324455
10/9/2009 3:30	6780	4.708333333	20.92919	30.961853	48.324852
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10/9/2009 3:45	6795	4.71875	20.930014	30.959839	48.326752
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10/9/2009 4:05	6815	4.732638889	20.929379	30.959351	48.325287
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10/9/2009 4:15	6825	4.739583333	20.929411	30.958344	48.325363
10/9/2009 4:20	6830	4.743055556	20.931084	30.96283	48.329224
10/9/2009 4:25	6835	4.746527778	20.931047	30.96283	48.32914
10/9/2009 4:30	6840	4.75	20.930866	30.957855	48.328724
10/9/2009 4:35	6845	4.753472222	20.93132	30.961853	48.329769
10/9/2009 4:40	6850	4.756944444	20.931263	30.961853	48.329636
10/9/2009 4:45	6855	4.760416667	20.93162	30.963379	48.330463
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10/9/2009 4:55	6865	4.767361111	20.932941	30.961365	48.333511
10/9/2009 5:00	6870	4.770833333	20.932941	30.963837	48.333511
10/9/2009 5:05	6875	4.774305556	20.933489	30.961853	48.334778
10/9/2009 5:10	6880	4.777777778	20.935293	30.962341	48.338943
10/9/2009 5:15	6885	4.78125	20.932663	30.960358	48.33287
10/9/2009 5:20	6890	4.784722222	20.935007	30.961853	48.33828
10/9/2009 5:25	6895	4.788194444	20.934658	30.960358	48.337479
10/9/2009 5:30	6900	4.791666667	20.934658	30.963379	48.337479
10/9/2009 5:35	6905	4.795138889	20.935862	30.960846	48.340256
10/9/2009 5:40	6910	4.798611111	20.937052	30.960358	48.343006
10/9/2009 5:45	6915	4.802083333	20.935755	30.963379	48.340012
10/9/2009 5:50	6920	4.805555556	20.935881	30.959839	48.340302
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10/9/2009 6:05	6935	4.815972222	20.937052	30.961853	48.343006
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10/9/2009 6:15	6945	4.822916667	20.938347	30.960358	48.345989
10/9/2009 6:20	6950	4.826388889	20.93899	30.961853	48.347477
10/9/2009 6:25	6955	4.829861111	20.93885	30.960846	48.347157
10/9/2009 6:30	6960	4.833333333	20.938885	30.961853	48.347237
10/9/2009 6:35	6965	4.836805556	20.939056	30.960846	48.347633
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10/9/2009 6:45	6975	4.84375	20.939913	30.961853	48.349609
10/9/2009 6:50	6980	4.847222222	20.939444	30.960358	48.348526
10/9/2009 6:55	6985	4.850694444	20.937859	30.957855	48.344868
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10/9/2009 7:35	7025	4.878472222	20.942337	30.96283	48.355206
10/9/2009 7:40	7030	4.881944444	20.941566	30.959839	48.353428
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10/9/2009 8:20	7070	4.909722222	20.940256	30.964355	48.350403
10/9/2009 8:25	7075	4.913194444	20.941486	30.959839	48.353245
10/9/2009 8:30	7080	4.916666667	20.939611	30.96283	48.348915
10/9/2009 8:35	7085	4.920138889	20.938885	30.960846	48.347237
10/9/2009 8:40	7090	4.923611111	20.938929	30.961853	48.347336
10/9/2009 8:45	7095	4.927083333	20.939375	30.963379	48.348366
10/9/2009 8:50	7100	4.930555556	20.939684	30.960846	48.349079
10/9/2009 8:55	7105	4.934027778	20.939814	30.962341	48.349384
10/9/2009 9:00	7110	4.9375	20.939444	30.96283	48.348526
10/9/2009 9:05	7115	4.940972222	20.940363	30.961365	48.350651
10/9/2009 9:10	7120	4.944444444	20.940029	30.964355	48.34988
10/9/2009 9:15	7125	4.947916667	20.938555	30.962341	48.346478
10/9/2009 9:20	7130	4.951388889	20.93899	30.960846	48.347477
10/9/2009 9:25	7135	4.954861111	20.938555	30.957336	48.346478
10/9/2009 9:30	7140	4.958333333	20.9408	30.959351	48.351658
10/9/2009 9:35	7145	4.961805556	20.938555	30.962341	48.346478
10/9/2009 9:40	7150	4.965277778	20.939323	30.963837	48.348248
10/9/2009 9:45	7155	4.96875	20.939375	30.959839	48.348366
10/9/2009 9:50	7160	4.972222222	20.939814	30.958862	48.349384
10/9/2009 9:55	7165	4.975694444	20.939814	30.962341	48.349384
10/9/2009 10:00	7170	4.979166667	20.942446	30.962341	48.355457
10/9/2009 10:05	7175	4.982638889	20.942806	30.960846	48.356293
10/9/2009 10:10	7180	4.986111111	20.941448	30.961853	48.353157
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10/9/2009 10:25	7195	4.996527778	20.94458	30.960358	48.360386
10/9/2009 10:30	7200	5	20.944416	30.964844	48.360008
10/9/2009 10:35	7205	5.003472222	20.945843	30.960846	48.363304
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10/9/2009 10:45	7215	5.010416667	20.945616	30.959351	48.362778
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10/9/2009 10:55	7225	5.017361111	20.948185	30.960846	48.36871
10/9/2009 11:00	7230	5.020833333	20.948265	30.961853	48.368893
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10/9/2009 11:15	7245	5.03125	20.948503	30.960846	48.369446
10/9/2009 11:20	7250	5.034722222	20.950432	30.958344	48.373898
10/9/2009 11:25	7255	5.038194444	20.95269	30.961853	48.379112
10/9/2009 11:30	7260	5.041666667	20.952105	30.96283	48.377762
10/9/2009 11:35	7265	5.045138889	20.951881	30.961365	48.377243
10/9/2009 11:40	7270	5.048611111	20.952858	30.959351	48.379498

10/9/2009 11:45	7275	5.052083333	20.953516	30.959839	48.381023
10/9/2009 11:50	7280	5.055555556	20.954292	30.958344	48.382813
10/9/2009 11:55	7285	5.059027778	20.955009	30.959351	48.384468
10/9/2009 12:00	7290	5.0625	20.95726	30.961853	48.389664
10/9/2009 12:05	7295	5.065972222	20.95726	30.963379	48.389664
10/9/2009 12:10	7300	5.069444444	20.956675	30.961853	48.388313
10/9/2009 12:15	7305	5.072916667	20.959196	30.961365	48.394135
10/9/2009 12:20	7310	5.076388889	20.960546	30.962341	48.397255
10/9/2009 12:25	7315	5.079861111	20.963654	30.962341	48.404427
10/9/2009 12:30	7320	5.083333333	20.962315	30.962341	48.401333
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10/9/2009 12:45	7335	5.09375	20.967091	30.960846	48.412365
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10/9/2009 13:00	7350	5.104166667	20.971745	30.963379	48.423107
10/9/2009 13:05	7355	5.107638889	20.972874	30.960358	48.425713
10/9/2009 13:10	7360	5.111111111	20.973553	30.961365	48.42728
10/9/2009 13:15	7365	5.114583333	20.97501	30.962341	48.430649
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10/9/2009 13:25	7375	5.121527778	20.976082	30.961365	48.433125
10/9/2009 13:30	7380	5.125	20.978422	30.960358	48.438526
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10/9/2009 13:40	7390	5.131944444	20.978662	30.961365	48.439079
10/9/2009 13:45	7395	5.135416667	20.980591	30.959839	48.443535
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10/9/2009 13:55	7405	5.142361111	20.98308	30.961853	48.44928
10/9/2009 14:00	7410	5.145833333	20.984806	30.959839	48.453266
10/9/2009 14:05	7415	5.149305556	20.985758	30.961365	48.455463
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10/9/2009 14:15	7425	5.15625	20.98695	30.959839	48.458218
10/9/2009 14:20	7430	5.159722222	20.989895	30.959351	48.465019
10/9/2009 14:25	7435	5.163194444	20.990767	30.961853	48.467026
10/9/2009 14:30	7440	5.166666667	20.99157	30.961365	48.468884
10/9/2009 14:35	7445	5.170138889	20.992615	30.963379	48.471298
10/9/2009 14:40	7450	5.173611111	20.994576	30.962341	48.475826
10/9/2009 14:45	7455	5.177083333	20.995577	30.961365	48.478138
10/9/2009 14:50	7460	5.180555556	20.996443	30.962341	48.480133
10/9/2009 14:55	7465	5.184027778	20.997219	30.960358	48.481926
10/9/2009 15:00	7470	5.1875	20.999113	30.960846	48.486301
10/9/2009 15:05	7475	5.190972222	21.000891	30.963379	48.490406
10/9/2009 15:10	7480	5.194444444	20.999926	30.960358	48.488178
10/9/2009 15:15	7485	5.197916667	21.000591	30.961365	48.489712
10/9/2009 15:20	7490	5.201388889	21.001976	30.960846	48.492908
10/9/2009 15:25	7495	5.204861111	21.001598	30.961853	48.492039
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10/9/2009 15:45	7515	5.21875	21.006819	30.962341	48.504097
10/9/2009 15:50	7520	5.222222222	21.007372	30.96283	48.505367
10/9/2009 15:55	7525	5.225694444	21.007462	30.957336	48.505573
10/9/2009 16:00	7530	5.229166667	21.009798	30.961365	48.510971
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10/9/2009 16:10	7540	5.236111111	21.012697	30.961853	48.517666
10/9/2009 16:15	7545	5.239583333	21.012424	30.961365	48.517036
10/9/2009 16:20	7550	5.243055556	21.012905	30.963379	48.518147
10/9/2009 16:25	7555	5.246527778	21.012173	30.959351	48.516457
10/9/2009 16:30	7560	5.25	21.014553	30.964355	48.52195
10/9/2009 16:35	7565	5.253472222	21.014441	30.962341	48.52169
10/9/2009 16:40	7570	5.256944444	21.018656	30.961853	48.531425
10/9/2009 16:45	7575	5.260416667	21.018328	30.961365	48.530666
10/9/2009 16:50	7580	5.263888889	21.018801	30.960358	48.531761
10/9/2009 16:55	7585	5.267361111	21.020922	30.959351	48.536655
10/9/2009 17:00	7590	5.270833333	21.021156	30.961365	48.537197
10/9/2009 17:05	7595	5.274305556	21.022703	30.960358	48.540771
10/9/2009 17:10	7600	5.277777778	21.021425	30.959839	48.537823
10/9/2009 17:15	7605	5.28125	21.022242	30.960846	48.539703
10/9/2009 17:20	7610	5.284722222	21.022848	30.959839	48.541107
10/9/2009 17:25	7615	5.288194444	21.022848	30.958862	48.541107
10/9/2009 17:30	7620	5.291666667	21.024614	30.961365	48.545185
10/9/2009 17:35	7625	5.295138889	21.02566	30.960358	48.547596
10/9/2009 17:40	7630	5.298611111	21.026222	30.959351	48.548893
10/9/2009 17:45	7635	5.302083333	21.027573	30.963379	48.552013
10/9/2009 17:50	7640	5.305555556	21.027946	30.963837	48.552876
10/9/2009 17:55	7645	5.309027778	21.027536	30.960846	48.551929
10/9/2009 18:00	7650	5.3125	21.02791	30.960846	48.552795
10/9/2009 18:05	7655	5.315972222	21.028757	30.960846	48.554749
10/9/2009 18:10	7660	5.319444444	21.028299	30.959351	48.553692
10/9/2009 18:15	7665	5.322916667	21.029861	30.959351	48.557297
10/9/2009 18:20	7670	5.326388889	21.030296	30.957855	48.558304
10/9/2009 18:25	7675	5.329861111	21.030918	30.963379	48.559738
10/9/2009 18:30	7680	5.333333333	21.029325	30.959839	48.556061
10/9/2009 18:35	7685	5.336805556	21.03019	30.963837	48.558056
10/9/2009 18:40	7690	5.340277778	21.031101	30.959839	48.560162
10/9/2009 18:45	7695	5.34375	21.028799	30.96283	48.554844
10/9/2009 18:50	7700	5.347222222	21.031029	30.963379	48.559994
10/9/2009 18:55	7705	5.350694444	21.029085	30.959839	48.555504
10/9/2009 19:00	7710	5.354166667	21.032049	30.959839	48.562351
10/9/2009 19:05	7715	5.357638889	21.031759	30.959839	48.56168
10/9/2009 19:10	7720	5.361111111	21.032253	30.961853	48.56282
10/9/2009 19:15	7725	5.364583333	21.03019	30.960846	48.558056
10/9/2009 19:20	7730	5.368055556	21.031334	30.959351	48.560699
10/9/2009 19:25	7735	5.371527778	21.031298	30.959351	48.560616
10/9/2009 19:30	7740	5.375	21.030993	30.962341	48.55991

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10/9/2009 20:15	7785	5.40625	21.032421	30.960846	48.56321
10/9/2009 20:20	7790	5.409722222	21.031424	30.960358	48.560905
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10/9/2009 21:05	7835	5.440972222	21.033752	30.959351	48.566284
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10/9/2009 21:15	7845	5.447916667	21.033258	30.960846	48.565144
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10/9/2009 21:45	7875	5.46875	21.036001	30.959839	48.571476
10/9/2009 21:50	7880	5.472222222	21.033709	30.959351	48.566181
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10/9/2009 22:00	7890	5.479166667	21.035608	30.960358	48.570568
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10/9/2009 22:30	7920	5.5	21.03846	30.958862	48.577152
10/9/2009 22:35	7925	5.503472222	21.037104	30.957855	48.57402
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10/9/2009 22:55	7945	5.517361111	21.037905	30.961853	48.575871
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10/9/2009 23:15	7965	5.53125	21.040178	30.957855	48.58112
10/9/2009 23:20	7970	5.534722222	21.040077	30.960358	48.580887
10/9/2009 23:25	7975	5.538194444	21.041334	30.960358	48.583786

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10/9/2009 23:40	7990	5.548611111	21.042994	30.960358	48.58762
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10/9/2009 23:55	8005	5.559027778	21.044205	30.961365	48.590416
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10/10/2009 0:45	8055	5.59375	21.045612	30.959839	48.593666
10/10/2009 0:50	8060	5.597222222	21.047518	30.959351	48.598068
10/10/2009 0:55	8065	5.600694444	21.047945	30.959351	48.599052
10/10/2009 1:00	8070	5.604166667	21.047068	30.959839	48.597027
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10/10/2009 12:20	8750	6.076388889	21.088852	30.961853	48.693508
10/10/2009 12:25	8755	6.079861111	21.089865	30.958344	48.695843
10/10/2009 12:30	8760	6.083333333	21.090876	30.960358	48.698177
10/10/2009 12:35	8765	6.086805556	21.08976	30.959839	48.695602
10/10/2009 12:40	8770	6.090277778	21.090576	30.960846	48.697487
10/10/2009 12:45	8775	6.09375	21.092449	30.961853	48.701809
10/10/2009 12:50	8780	6.097222222	21.095537	30.959839	48.708942
10/10/2009 12:55	8785	6.100694444	21.096813	30.959839	48.711884
10/10/2009 13:00	8790	6.104166667	21.098248	30.961365	48.715199
10/10/2009 13:05	8795	6.107638889	21.099092	30.960846	48.717152
10/10/2009 13:10	8800	6.111111111	21.099569	30.958344	48.71825
10/10/2009 13:15	8805	6.114583333	21.100763	30.958344	48.721008
10/10/2009 13:20	8810	6.118055556	21.102354	30.960846	48.724678
10/10/2009 13:25	8815	6.121527778	21.10379	30.961853	48.728001
10/10/2009 13:30	8820	6.125	21.104034	30.957855	48.728561
10/10/2009 13:35	8825	6.128472222	21.104866	30.963379	48.73048
10/10/2009 13:40	8830	6.131944444	21.106634	30.958862	48.734566
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10/10/2009 13:50	8840	6.138888889	21.109957	30.960358	48.742237
10/10/2009 13:55	8845	6.142361111	21.109957	30.959351	48.742237
10/10/2009 14:00	8850	6.145833333	21.11203	30.960358	48.747025
10/10/2009 14:05	8855	6.149305556	21.110916	30.959351	48.74445
10/10/2009 14:10	8860	6.152777778	21.113863	30.959839	48.751255
10/10/2009 14:15	8865	6.15625	21.112295	30.959839	48.747635
10/10/2009 14:20	8870	6.159722222	21.114859	30.958862	48.753555
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10/10/2009 14:30	8880	6.166666667	21.115824	30.960846	48.755779
10/10/2009 14:35	8885	6.170138889	21.117401	30.958344	48.759426
10/10/2009 14:40	8890	6.173611111	21.117655	30.960846	48.76001
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10/10/2009 14:50	8900	6.180555556	21.120106	30.959351	48.765671
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10/10/2009 15:00	8910	6.1875	21.119566	30.960846	48.764423
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10/10/2009 15:20	8930	6.201388889	21.124792	30.960358	48.776489
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10/10/2009 15:40	8950	6.215277778	21.129135	30.958344	48.786518
10/10/2009 15:45	8955	6.21875	21.130075	30.959839	48.788689
10/10/2009 15:50	8960	6.222222222	21.129847	30.960358	48.788162
10/10/2009 15:55	8965	6.225694444	21.130726	30.961853	48.790192
10/10/2009 16:00	8970	6.229166667	21.132284	30.956848	48.793789
10/10/2009 16:05	8975	6.232638889	21.133127	30.959839	48.795734
10/10/2009 16:10	8980	6.236111111	21.133818	30.961365	48.797333
10/10/2009 16:15	8985	6.239583333	21.135918	30.959839	48.802177
10/10/2009 16:20	8990	6.243055556	21.136099	30.959839	48.802597
10/10/2009 16:25	8995	6.246527778	21.136223	30.959351	48.802883
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10/10/2009 16:35	9005	6.253472222	21.137388	30.959351	48.805573
10/10/2009 16:40	9010	6.256944444	21.138811	30.958862	48.808857
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10/10/2009 16:50	9020	6.263888889	21.139515	30.960846	48.810486
10/10/2009 16:55	9025	6.267361111	21.140106	30.961853	48.811848
10/10/2009 17:00	9030	6.270833333	21.139544	30.960846	48.810551
10/10/2009 17:05	9035	6.274305556	21.13942	30.961365	48.810265
10/10/2009 17:10	9040	6.277777778	21.141315	30.960358	48.81464
10/10/2009 17:15	9045	6.28125	21.140734	30.958862	48.813301
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10/10/2009 17:25	9055	6.288194444	21.140566	30.958344	48.812912
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10/10/2009 17:45	9075	6.302083333	21.138205	30.960846	48.807461
10/10/2009 17:50	9080	6.305555556	21.139904	30.959351	48.811382
10/10/2009 17:55	9085	6.309027778	21.138903	30.958344	48.809071
10/10/2009 18:00	9090	6.3125	21.140106	30.961853	48.811848
10/10/2009 18:05	9095	6.315972222	21.139811	30.960358	48.811169
10/10/2009 18:10	9100	6.319444444	21.139544	30.959839	48.810551
10/10/2009 18:15	9105	6.322916667	21.13868	30.960846	48.808556
10/10/2009 18:20	9110	6.326388889	21.140661	30.958344	48.813133
10/10/2009 18:25	9115	6.329861111	21.139362	30.961365	48.810135
10/10/2009 18:30	9120	6.333333333	21.141157	30.958862	48.814278
10/10/2009 18:35	9125	6.336805556	21.140566	30.960846	48.812912
10/10/2009 18:40	9130	6.340277778	21.13942	30.960358	48.810265
10/10/2009 18:45	9135	6.34375	21.138996	30.959839	48.809288
10/10/2009 18:50	9140	6.347222222	21.140493	30.961853	48.812744
10/10/2009 18:55	9145	6.350694444	21.141445	30.958862	48.814941
10/10/2009 19:00	9150	6.354166667	21.139933	30.961365	48.811447

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10/10/2009 19:10	9160	6.361111111	21.140493	30.959351	48.812744
10/10/2009 19:15	9165	6.364583333	21.142199	30.957336	48.816685
10/10/2009 19:20	9170	6.368055556	21.140493	30.960358	48.812744
10/10/2009 19:25	9175	6.371527778	21.1416	30.961853	48.815296
10/10/2009 19:30	9180	6.375	21.142288	30.959351	48.816891
10/10/2009 19:35	9185	6.378472222	21.141533	30.960358	48.815144
10/10/2009 19:40	9190	6.381944444	21.140774	30.959839	48.813393
10/10/2009 19:45	9195	6.385416667	21.14168	30.961365	48.815483
10/10/2009 19:50	9200	6.388888889	21.141315	30.958862	48.81464
10/10/2009 19:55	9205	6.392361111	21.1416	30.962341	48.815296
10/10/2009 20:00	9210	6.395833333	21.141157	30.959839	48.814278
10/10/2009 20:05	9215	6.399305556	21.142107	30.960358	48.816471
10/10/2009 20:10	9220	6.402777778	21.139099	30.959351	48.809528
10/10/2009 20:15	9225	6.40625	21.142107	30.959351	48.816471
10/10/2009 20:20	9230	6.409722222	21.142288	30.960358	48.816891
10/10/2009 20:25	9235	6.413194444	21.142168	30.961365	48.816612
10/10/2009 20:30	9240	6.416666667	21.141964	30.959351	48.816143
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10/10/2009 21:00	9270	6.4375	21.142288	30.960846	48.816891
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10/10/2009 21:25	9295	6.454861111	21.140989	30.958344	48.813889
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10/10/2009 21:40	9310	6.465277778	21.141819	30.960358	48.815807
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10/10/2009 22:00	9330	6.479166667	21.140236	30.958862	48.812149
10/10/2009 22:05	9335	6.482638889	21.140566	30.960358	48.812912
10/10/2009 22:10	9340	6.486111111	21.140106	30.963837	48.811848
10/10/2009 22:15	9345	6.489583333	21.140566	30.959351	48.812912
10/10/2009 22:20	9350	6.493055556	21.140734	30.959839	48.813301
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10/10/2009 22:30	9360	6.5	21.138903	30.960358	48.809071
10/10/2009 22:35	9365	6.503472222	21.139187	30.959839	48.809727
10/10/2009 22:40	9370	6.506944444	21.140442	30.963837	48.812626
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10/10/2009 23:25	9415	6.538194444	21.138493	30.960846	48.808121
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10/10/2009 23:50	9440	6.555555556	21.139729	30.958862	48.810978
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10/11/2009 0:00	9450	6.5625	21.140156	30.959839	48.811966
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10/11/2009 0:10	9460	6.569444444	21.14039	30.959351	48.812508
10/11/2009 0:15	9465	6.572916667	21.141533	30.960358	48.815144
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10/11/2009 0:25	9475	6.579861111	21.14296	30.960358	48.818439
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10/11/2009 2:10	9580	6.652777778	21.143827	30.960358	48.820442
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10/11/2009 5:05	9755	6.774305556	21.143469	30.962341	48.819614
10/11/2009 5:10	9760	6.777777778	21.14139	30.960358	48.814812
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10/11/2009 5:20	9770	6.784722222	21.14068	30.957855	48.813175
10/11/2009 5:25	9775	6.788194444	21.139811	30.957336	48.811169
10/11/2009 5:30	9780	6.791666667	21.140106	30.959839	48.811848
10/11/2009 5:35	9785	6.795138889	21.141031	30.959839	48.813988
10/11/2009 5:40	9790	6.798611111	21.139904	30.959839	48.811382
10/11/2009 5:45	9795	6.802083333	21.139099	30.96283	48.809528
10/11/2009 5:50	9800	6.805555556	21.13942	30.957855	48.810265
10/11/2009 5:55	9805	6.809027778	21.136997	30.959351	48.804672
10/11/2009 6:00	9810	6.8125	21.137478	30.960358	48.805779
10/11/2009 6:05	9815	6.815972222	21.137053	30.959839	48.804798
10/11/2009 6:10	9820	6.819444444	21.138296	30.957336	48.807671
10/11/2009 6:15	9825	6.822916667	21.135672	30.957855	48.801613
10/11/2009 6:20	9830	6.826388889	21.137844	30.959351	48.806625
10/11/2009 6:25	9835	6.829861111	21.135286	30.959351	48.800724
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10/11/2009 7:05	9875	6.857638889	21.134743	30.958344	48.799465
10/11/2009 7:10	9880	6.861111111	21.134365	30.958344	48.798592
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10/11/2009 8:35	9965	6.920138889	21.126678	30.961365	48.780846
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10/11/2009 12:05	10175	7.065972222	21.128954	30.960358	48.786098
10/11/2009 12:10	10180	7.069444444	21.129721	30.957336	48.787872
10/11/2009 12:15	10185	7.072916667	21.130564	30.958344	48.789814
10/11/2009 12:20	10190	7.076388889	21.130564	30.959351	48.789814
10/11/2009 12:25	10195	7.079861111	21.132471	30.956848	48.79422
10/11/2009 12:30	10200	7.083333333	21.133526	30.959839	48.796658
10/11/2009 12:35	10205	7.086805556	21.134178	30.959351	48.798164
10/11/2009 12:40	10210	7.090277778	21.134155	30.959839	48.798111
10/11/2009 12:45	10215	7.09375	21.135672	30.960358	48.801613
10/11/2009 12:50	10220	7.097222222	21.137932	30.960846	48.806831
10/11/2009 12:55	10225	7.100694444	21.136457	30.961365	48.803425
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10/11/2009 13:05	10235	7.107638889	21.139904	30.959351	48.811382
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10/11/2009 13:15	10245	7.114583333	21.141554	30.960846	48.815189
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10/11/2009 13:25	10255	7.121527778	21.141315	30.956329	48.81464
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10/11/2009 14:15	10305	7.15625	21.150076	30.957855	48.834869
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10/11/2009 15:20	10370	7.201388889	21.15568	30.960846	48.847809
10/11/2009 15:25	10375	7.204861111	21.155914	30.957336	48.848351
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10/11/2009 16:15	10425	7.239583333	21.157757	30.962341	48.852604
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10/11/2009 16:25	10435	7.246527778	21.158281	30.96283	48.853817
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10/11/2009 20:30	10680	7.416666667	21.141554	30.959839	48.815189
10/11/2009 20:35	10685	7.420138889	21.141315	30.959351	48.81464
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10/11/2009 20:50	10700	7.430555556	21.138296	30.956329	48.807671
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10/11/2009 21:40	10750	7.465277778	21.13559	30.958862	48.801422
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10/11/2009 21:50	10760	7.472222222	21.135824	30.958862	48.801964
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10/11/2009 22:00	10770	7.479166667	21.136026	30.960358	48.802429
10/11/2009 22:05	10775	7.482638889	21.135502	30.955841	48.80122
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10/11/2009 22:25	10795	7.496527778	21.136419	30.960358	48.803337

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10/11/2009 23:20	10850	7.534722222	21.136267	30.956329	48.802986
10/11/2009 23:25	10855	7.538194444	21.132776	30.958862	48.794926
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10/11/2009 23:35	10865	7.545138889	21.136541	30.958862	48.803619
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10/11/2009 23:45	10875	7.552083333	21.134596	30.958862	48.799126
10/11/2009 23:50	10880	7.555555556	21.134903	30.958862	48.799839
10/11/2009 23:55	10885	7.559027778	21.13376	30.959839	48.797199
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10/12/2009 0:05	10895	7.565972222	21.135286	30.959839	48.800724
10/12/2009 0:10	10900	7.569444444	21.136541	30.958862	48.803619
10/12/2009 0:15	10905	7.572916667	21.135725	30.959839	48.801735
10/12/2009 0:20	10910	7.576388889	21.135429	30.959351	48.801052
10/12/2009 0:25	10915	7.579861111	21.134069	30.957855	48.797913
10/12/2009 0:30	10920	7.583333333	21.134558	30.958862	48.799038
10/12/2009 0:35	10925	7.586805556	21.134365	30.959839	48.798592
10/12/2009 0:40	10930	7.590277778	21.132929	30.957855	48.79528
10/12/2009 0:45	10935	7.59375	21.131941	30.957855	48.792995
10/12/2009 0:50	10940	7.597222222	21.133657	30.956329	48.796963
10/12/2009 0:55	10945	7.600694444	21.134445	30.958344	48.798779
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10/12/2009 1:05	10955	7.607638889	21.132408	30.956848	48.794079
10/12/2009 1:10	10960	7.611111111	21.131863	30.960846	48.792816
10/12/2009 1:15	10965	7.614583333	21.13069	30.958344	48.790108
10/12/2009 1:20	10970	7.618055556	21.130507	30.959839	48.789684
10/12/2009 1:25	10975	7.621527778	21.132328	30.956848	48.793892
10/12/2009 1:30	10980	7.625	21.130224	30.958862	48.789032
10/12/2009 1:35	10985	7.628472222	21.130075	30.956848	48.788689
10/12/2009 1:40	10990	7.631944444	21.130297	30.957336	48.7892
10/12/2009 1:45	10995	7.635416667	21.129135	30.957336	48.786518
10/12/2009 1:50	11000	7.638888889	21.128639	30.958344	48.785374
10/12/2009 1:55	11005	7.642361111	21.12812	30.958344	48.784176
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10/12/2009 2:05	11015	7.649305556	21.12849	30.957855	48.78503
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10/12/2009 16:20	11870	8.243055556	21.168692	30.955841	48.877853
10/12/2009 16:25	11875	8.246527778	21.168446	30.959839	48.877281
10/12/2009 16:30	11880	8.25	21.169476	30.957855	48.879665
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10/12/2009 16:40	11890	8.256944444	21.170553	30.959351	48.882153
10/12/2009 16:45	11895	8.260416667	21.170897	30.957855	48.882942
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10/12/2009 17:45	11955	8.302083333	21.170195	30.959351	48.881325
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10/12/2009 19:20	12050	8.368055556	21.166021	30.959351	48.871685
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10/12/2009 20:25	12115	8.413194444	21.162205	30.959351	48.862877
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10/12/2009 20:40	12130	8.423611111	21.161825	30.956848	48.862
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10/12/2009 20:55	12145	8.434027778	21.162178	30.957855	48.862816
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10/12/2009 21:05	12155	8.440972222	21.160906	30.956329	48.859879
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10/12/2009 21:15	12165	8.447916667	21.159836	30.957855	48.857407
10/12/2009 21:20	12170	8.451388889	21.160122	30.957855	48.858067
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10/12/2009 21:35	12185	8.461805556	21.156439	30.957855	48.84956
10/12/2009 21:40	12190	8.465277778	21.156734	30.957336	48.850246
10/12/2009 21:45	12195	8.46875	21.154537	30.961365	48.845173
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10/13/2009 5:20	12650	8.784722222	21.112135	30.955841	48.747265
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10/13/2009 14:50	13220	9.180555556	21.086014	30.958344	48.686951
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10/13/2009 15:15	13245	9.197916667	21.087934	30.954346	48.691387
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10/13/2009 15:25	13255	9.204861111	21.08522	30.956848	48.68512
10/13/2009 15:30	13260	9.208333333	21.086645	30.957855	48.688408
10/13/2009 15:35	13265	9.211805556	21.083014	30.957336	48.680023
10/13/2009 15:40	13270	9.215277778	21.084347	30.956848	48.683102
10/13/2009 15:45	13275	9.21875	21.083704	30.957336	48.681622
10/13/2009 15:50	13280	9.222222222	21.082872	30.958344	48.679699
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10/13/2009 17:05	13355	9.274305556	21.084085	30.956848	48.682499
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10/13/2009 17:20	13370	9.284722222	21.08338	30.953827	48.68087
10/13/2009 17:25	13375	9.288194444	21.083742	30.958344	48.681709
10/13/2009 17:30	13380	9.291666667	21.083851	30.957336	48.681957

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10/13/2009 18:00	13410	9.3125	21.081041	30.955841	48.675472
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10/13/2009 18:10	13420	9.319444444	21.082733	30.956329	48.679375
10/13/2009 18:15	13425	9.322916667	21.081654	30.959351	48.676884
10/13/2009 18:20	13430	9.326388889	21.079542	30.956848	48.672012
10/13/2009 18:25	13435	9.329861111	21.082872	30.956329	48.679699
10/13/2009 18:30	13440	9.333333333	21.081097	30.955841	48.675602
10/13/2009 18:35	13445	9.336805556	21.079788	30.956848	48.672577
10/13/2009 18:40	13450	9.340277778	21.079788	30.956329	48.672577
10/13/2009 18:45	13455	9.34375	21.078876	30.957336	48.670471
10/13/2009 18:50	13460	9.347222222	21.076529	30.958862	48.665051
10/13/2009 18:55	13465	9.350694444	21.076841	30.957855	48.665775
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10/13/2009 19:20	13490	9.368055556	21.075003	30.957336	48.661526
10/13/2009 19:25	13495	9.371527778	21.073513	30.954834	48.658089
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10/13/2009 19:35	13505	9.378472222	21.069838	30.956329	48.649601
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10/13/2009 19:50	13520	9.388888889	21.069992	30.957336	48.64996
10/13/2009 19:55	13525	9.392361111	21.069103	30.955841	48.647907
10/13/2009 20:00	13530	9.395833333	21.069359	30.957336	48.648495
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10/13/2009 20:10	13540	9.402777778	21.067152	30.959839	48.643406
10/13/2009 20:15	13545	9.40625	21.067661	30.960358	48.644577
10/13/2009 20:20	13550	9.409722222	21.068577	30.957855	48.646694
10/13/2009 20:25	13555	9.413194444	21.067152	30.957336	48.643406
10/13/2009 20:30	13560	9.416666667	21.066549	30.958344	48.64201
10/13/2009 20:35	13565	9.420138889	21.067099	30.955841	48.643276
10/13/2009 20:40	13570	9.423611111	21.06531	30.958344	48.639145
10/13/2009 20:45	13575	9.427083333	21.064396	30.956329	48.637035
10/13/2009 20:50	13580	9.430555556	21.06233	30.957855	48.632267
10/13/2009 20:55	13585	9.434027778	21.062815	30.956329	48.633385
10/13/2009 21:00	13590	9.4375	21.062508	30.957336	48.632679
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10/13/2009 21:10	13600	9.444444444	21.060545	30.957855	48.628147
10/13/2009 21:15	13605	9.447916667	21.06068	30.958862	48.628456
10/13/2009 21:20	13610	9.451388889	21.059345	30.956329	48.625374
10/13/2009 21:25	13615	9.454861111	21.059954	30.957336	48.626781

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10/13/2009 21:35	13625	9.461805556	21.057531	30.956848	48.621185
10/13/2009 21:40	13630	9.465277778	21.055368	30.957336	48.616192
10/13/2009 21:45	13635	9.46875	21.054178	30.960358	48.613445
10/13/2009 21:50	13640	9.472222222	21.054722	30.955841	48.6147
10/13/2009 21:55	13645	9.475694444	21.054911	30.955841	48.615135
10/13/2009 22:00	13650	9.479166667	21.05253	30.958344	48.609642
10/13/2009 22:05	13655	9.482638889	21.05303	30.959839	48.61079
10/13/2009 22:10	13660	9.486111111	21.052938	30.959351	48.610584
10/13/2009 22:15	13665	9.489583333	21.051638	30.958344	48.607578
10/13/2009 22:20	13670	9.493055556	21.05084	30.956848	48.605736
10/13/2009 22:25	13675	9.496527778	21.049156	30.953827	48.601849
10/13/2009 22:30	13680	9.5	21.050611	30.957855	48.605206
10/13/2009 22:35	13685	9.503472222	21.049547	30.955353	48.602753
10/13/2009 22:40	13690	9.506944444	21.049902	30.956848	48.603569
10/13/2009 22:45	13695	9.510416667	21.049156	30.956848	48.601849
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10/13/2009 22:55	13705	9.517361111	21.047997	30.956848	48.599171
10/13/2009 23:00	13710	9.520833333	21.050072	30.957855	48.603966
10/13/2009 23:05	13715	9.524305556	21.049595	30.955841	48.602863
10/13/2009 23:10	13720	9.527777778	21.048393	30.955353	48.60009
10/13/2009 23:15	13725	9.53125	21.04899	30.957855	48.601463
10/13/2009 23:20	13730	9.534722222	21.051716	30.957855	48.607761
10/13/2009 23:25	13735	9.538194444	21.050808	30.957336	48.605659
10/13/2009 23:30	13740	9.541666667	21.05253	30.955353	48.609642
10/13/2009 23:35	13745	9.545138889	21.052118	30.957336	48.608685
10/13/2009 23:40	13750	9.548611111	21.051142	30.959839	48.606434
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10/13/2009 23:50	13760	9.555555556	21.050529	30.956329	48.605019
10/13/2009 23:55	13765	9.559027778	21.050449	30.956848	48.604836
10/14/2009 0:00	13770	9.5625	21.051098	30.958344	48.606335
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10/14/2009 0:15	13785	9.572916667	21.048542	30.958862	48.600433
10/14/2009 0:20	13790	9.576388889	21.049721	30.955841	48.603153
10/14/2009 0:25	13795	9.579861111	21.049091	30.957855	48.6017
10/14/2009 0:30	13800	9.583333333	21.049437	30.955353	48.602493
10/14/2009 0:35	13805	9.586805556	21.04771	30.956848	48.598511
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10/14/2009 0:50	13820	9.597222222	21.048691	30.957855	48.600777
10/14/2009 0:55	13825	9.600694444	21.048691	30.955841	48.600777
10/14/2009 1:00	13830	9.604166667	21.047445	30.956848	48.597897
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10/14/2009 1:10	13840	9.611111111	21.047228	30.956329	48.597397
10/14/2009 1:15	13845	9.614583333	21.045189	30.957855	48.59269
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10/14/2009 1:35	13865	9.628472222	21.047291	30.957336	48.597542
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10/14/2009 2:50	13940	9.680555556	21.050072	30.957336	48.603966
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10/14/2009 3:00	13950	9.6875	21.051098	30.956848	48.606335
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10/14/2009 5:00	14070	9.770833333	21.046061	30.957336	48.5947
10/14/2009 5:05	14075	9.774305556	21.046648	30.957855	48.596058
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10/14/2009 5:40	14110	9.798611111	21.039137	30.957336	48.578716
10/14/2009 5:45	14115	9.802083333	21.040262	30.955353	48.581314
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10/14/2009 6:20	14150	9.826388889	21.03627	30.956848	48.572098
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10/14/2009 7:20	14210	9.868055556	21.030918	30.955841	48.559738
10/14/2009 7:25	14215	9.871527778	21.028324	30.954834	48.553749
10/14/2009 7:30	14220	9.875	21.027061	30.958862	48.550835
10/14/2009 7:35	14225	9.878472222	21.028879	30.955353	48.555031
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10/14/2009 7:45	14235	9.885416667	21.025486	30.957336	48.547195
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10/14/2009 8:00	14250	9.895833333	21.021461	30.957336	48.537903
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10/14/2009 8:15	14265	9.90625	21.018953	30.955841	48.532112
10/14/2009 8:20	14270	9.909722222	21.019209	30.956848	48.532703
10/14/2009 8:25	14275	9.913194444	21.018084	30.956329	48.530102
10/14/2009 8:30	14280	9.916666667	21.018633	30.955353	48.531372
10/14/2009 8:35	14285	9.920138889	21.018005	30.956329	48.529922
10/14/2009 8:40	14290	9.923611111	21.015709	30.955353	48.524624
10/14/2009 8:45	14295	9.927083333	21.014936	30.956329	48.522839
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10/14/2009 9:40	14350	9.965277778	21.013657	30.957855	48.519882
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10/14/2009 9:55	14365	9.975694444	21.013359	30.957336	48.519196
10/14/2009 10:00	14370	9.979166667	21.01363	30.954834	48.519821
10/14/2009 10:05	14375	9.982638889	21.014553	30.956329	48.52195
10/14/2009 10:10	14380	9.986111111	21.015829	30.957855	48.524899
10/14/2009 10:15	14385	9.989583333	21.014441	30.956848	48.52169
10/14/2009 10:20	14390	9.993055556	21.015617	30.956329	48.524406
10/14/2009 10:25	14395	9.996527778	21.017843	30.957336	48.529549
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10/14/2009 11:15	14445	10.03125	21.0172	30.955841	48.528065
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10/14/2009 12:15	14505	10.07291667	21.021461	30.956329	48.537903
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10/14/2009 12:35	14525	10.08680556	21.025394	30.955841	48.546986
10/14/2009 12:40	14530	10.09027778	21.026222	30.954834	48.548893
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10/14/2009 12:50	14540	10.09722222	21.026394	30.954834	48.54929
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10/14/2009 13:50	14600	10.13888889	21.035738	30.957336	48.570866
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10/14/2009 15:10	14680	10.19444444	21.044786	30.955841	48.591759
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10/14/2009 15:25	14695	10.20486111	21.047752	30.956329	48.59861
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10/15/2009 0:00	15210	10.5625	21.050529	30.954346	48.605019
10/15/2009 0:05	15215	10.56597222	21.052746	30.955353	48.610138
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10/15/2009 4:25	15475	10.74652778	21.05084	30.955841	48.605736
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10/15/2009 4:35	15485	10.75347222	21.050756	30.954834	48.605541
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10/15/2009 5:05	15515	10.77430556	21.048328	30.956329	48.599937
10/15/2009 5:10	15520	10.77777778	21.046618	30.954834	48.595985
10/15/2009 5:15	15525	10.78125	21.048208	30.957855	48.599663
10/15/2009 5:20	15530	10.78472222	21.048286	30.955353	48.599842
10/15/2009 5:25	15535	10.78819444	21.04636	30.955841	48.59539
10/15/2009 5:30	15540	10.79166667	21.047575	30.956329	48.598198
10/15/2009 5:35	15545	10.79513889	21.044943	30.956848	48.592117
10/15/2009 5:40	15550	10.79861111	21.045218	30.955841	48.592754
10/15/2009 5:45	15555	10.80208333	21.045025	30.956329	48.592312
10/15/2009 5:50	15560	10.80555556	21.043774	30.955353	48.58942
10/15/2009 5:55	15565	10.80902778	21.042877	30.956848	48.587353
10/15/2009 6:00	15570	10.8125	21.043526	30.958862	48.588848
10/15/2009 6:05	15575	10.81597222	21.043114	30.956329	48.587898
10/15/2009 6:10	15580	10.81944444	21.043114	30.957336	48.587898
10/15/2009 6:15	15585	10.82291667	21.043114	30.954834	48.587898
10/15/2009 6:20	15590	10.82638889	21.042538	30.957855	48.586567
10/15/2009 6:25	15595	10.82986111	21.039732	30.955353	48.58009
10/15/2009 6:30	15600	10.83333333	21.039839	30.957336	48.580338
10/15/2009 6:35	15605	10.83680556	21.041639	30.953827	48.584496
10/15/2009 6:40	15610	10.84027778	21.040451	30.955353	48.581749
10/15/2009 6:45	15615	10.84375	21.03846	30.954346	48.577152
10/15/2009 6:50	15620	10.84722222	21.038902	30.954346	48.578175
10/15/2009 6:55	15625	10.85069444	21.037884	30.957855	48.575821
10/15/2009 7:00	15630	10.85416667	21.03846	30.958862	48.577152
10/15/2009 7:05	15635	10.85763889	21.037834	30.955841	48.575706
10/15/2009 7:10	15640	10.86111111	21.036398	30.954346	48.572392
10/15/2009 7:15	15645	10.86458333	21.036463	30.953827	48.57254
10/15/2009 7:20	15650	10.86805556	21.034719	30.957855	48.56852
10/15/2009 7:25	15655	10.87152778	21.034819	30.955841	48.568748
10/15/2009 7:30	15660	10.875	21.033258	30.957336	48.565144
10/15/2009 7:35	15665	10.87847222	21.033596	30.960358	48.565922
10/15/2009 7:40	15670	10.88194444	21.031921	30.951355	48.562057
10/15/2009 7:45	15675	10.88541667	21.030296	30.956848	48.558304
10/15/2009 7:50	15680	10.88888889	21.031147	30.957855	48.560268
10/15/2009 7:55	15685	10.89236111	21.027946	30.955841	48.552876
10/15/2009 8:00	15690	10.89583333	21.028299	30.95285	48.553692
10/15/2009 8:05	15695	10.89930556	21.027119	30.954834	48.550964
10/15/2009 8:10	15700	10.90277778	21.027536	30.955353	48.551929
10/15/2009 8:15	15705	10.90625	21.026707	30.955353	48.550014
10/15/2009 8:20	15710	10.90972222	21.024931	30.958862	48.545914
10/15/2009 8:25	15715	10.91319444	21.025553	30.953827	48.547352
10/15/2009 8:30	15720	10.91666667	21.024841	30.955353	48.545704
10/15/2009 8:35	15725	10.92013889	21.024384	30.95285	48.544651
10/15/2009 8:40	15730	10.92361111	21.022547	30.955841	48.540413

10/15/2009 8:45	15735	10.92708333	21.023544	30.956848	48.542713
10/15/2009 8:50	15740	10.93055556	21.022987	30.955841	48.541424
10/15/2009 8:55	15745	10.93402778	21.020044	30.954834	48.534634
10/15/2009 9:00	15750	10.9375	21.022089	30.955841	48.539352
10/15/2009 9:05	15755	10.94097222	21.022987	30.955353	48.541424
10/15/2009 9:10	15760	10.94444444	21.022179	30.956329	48.539558
10/15/2009 9:15	15765	10.94791667	21.022089	30.955841	48.539352
10/15/2009 9:20	15770	10.95138889	21.023178	30.956329	48.541866
10/15/2009 9:25	15775	10.95486111	21.021715	30.955841	48.538486
10/15/2009 9:30	15780	10.95833333	21.021715	30.957336	48.538486
10/15/2009 9:35	15785	10.96180556	21.022179	30.956848	48.539558
10/15/2009 9:40	15790	10.96527778	21.022749	30.955841	48.540878
10/15/2009 9:45	15795	10.96875	21.021358	30.956848	48.537666
10/15/2009 9:50	15800	10.97222222	21.022242	30.955353	48.539703
10/15/2009 9:55	15805	10.97569444	21.023884	30.951355	48.543495
10/15/2009 10:00	15810	10.97916667	21.021511	30.955841	48.538017
10/15/2009 10:05	15815	10.98263889	21.022314	30.956329	48.539871
10/15/2009 10:10	15820	10.98611111	21.023151	30.956848	48.541805
10/15/2009 10:15	15825	10.98958333	21.020981	30.957336	48.536793
10/15/2009 10:20	15830	10.99305556	21.023787	30.955841	48.543274
10/15/2009 10:25	15835	10.99652778	21.021156	30.955353	48.537197
10/15/2009 10:30	15840	11	21.021511	30.955353	48.538017
10/15/2009 10:35	15845	11.00347222	21.021637	30.955353	48.538311
10/15/2009 10:40	15850	11.00694444	21.022703	30.956329	48.540771
10/15/2009 10:45	15855	11.01041667	21.022242	30.956848	48.539703
10/15/2009 10:50	15860	11.01388889	21.022179	30.954834	48.539558
10/15/2009 10:55	15865	11.01736111	21.021872	30.954834	48.538849
10/15/2009 11:00	15870	11.02083333	21.023178	30.953827	48.541866
10/15/2009 11:05	15875	11.02430556	21.024897	30.956329	48.545834
10/15/2009 11:10	15880	11.02777778	21.024614	30.958344	48.545185
10/15/2009 11:15	15885	11.03125	21.025757	30.954834	48.547821
10/15/2009 11:20	15890	11.03472222	21.024897	30.957336	48.545834
10/15/2009 11:25	15895	11.03819444	21.026468	30.955353	48.549465
10/15/2009 11:30	15900	11.04166667	21.025993	30.955841	48.548367
10/15/2009 11:35	15905	11.04513889	21.027061	30.957855	48.550835
10/15/2009 11:40	15910	11.04861111	21.027485	30.955841	48.551811
10/15/2009 11:45	15915	11.05208333	21.026314	30.957855	48.549107
10/15/2009 11:50	15920	11.05555556	21.029861	30.956329	48.557297
10/15/2009 11:55	15925	11.05902778	21.028799	30.956329	48.554844
10/15/2009 12:00	15930	11.0625	21.029085	30.956848	48.555504
10/15/2009 12:05	15935	11.06597222	21.030621	30.956329	48.559055
10/15/2009 12:10	15940	11.06944444	21.031759	30.955353	48.56168
10/15/2009 12:15	15945	11.07291667	21.031101	30.956848	48.560162
10/15/2009 12:20	15950	11.07638889	21.032364	30.956329	48.563076
10/15/2009 12:25	15955	11.07986111	21.034243	30.954834	48.567413
10/15/2009 12:30	15960	11.08333333	21.035374	30.955841	48.570026
10/15/2009 12:35	15965	11.08680556	21.036398	30.956329	48.572392

10/15/2009 12:40	15970	11.09027778	21.037159	30.955841	48.574146
10/15/2009 12:45	15975	11.09375	21.037792	30.953339	48.575611
10/15/2009 12:50	15980	11.09722222	21.039055	30.954834	48.578526
10/15/2009 12:55	15985	11.10069444	21.041203	30.955353	48.583485
10/15/2009 13:00	15990	11.10416667	21.04364	30.954346	48.589111
10/15/2009 13:05	15995	11.10763889	21.042877	30.955353	48.587353
10/15/2009 13:10	16000	11.11111111	21.044394	30.955353	48.590851
10/15/2009 13:15	16005	11.11458333	21.04586	30.953827	48.594242
10/15/2009 13:20	16010	11.11805556	21.048328	30.955841	48.599937
10/15/2009 13:25	16015	11.12152778	21.049469	30.953827	48.60257
10/15/2009 13:30	16020	11.125	21.048235	30.956329	48.599724
10/15/2009 13:35	16025	11.12847222	21.050966	30.955841	48.60603
10/15/2009 13:40	16030	11.13194444	21.051039	30.955353	48.606197
10/15/2009 13:45	16035	11.13541667	21.052856	30.954346	48.610394
10/15/2009 13:50	16040	11.13888889	21.052624	30.955353	48.609856
10/15/2009 13:55	16045	11.14236111	21.054235	30.954834	48.613575
10/15/2009 14:00	16050	11.14583333	21.054283	30.954834	48.613686
10/15/2009 14:05	16055	11.14930556	21.056206	30.955353	48.618126
10/15/2009 14:10	16060	11.15277778	21.056976	30.955353	48.619907
10/15/2009 14:15	16065	11.15625	21.059015	30.955841	48.624615
10/15/2009 14:20	16070	11.15972222	21.060179	30.955353	48.6273
10/15/2009 14:25	16075	11.16319444	21.060545	30.954834	48.628147
10/15/2009 14:30	16080	11.16666667	21.061842	30.953827	48.631142
10/15/2009 14:35	16085	11.17013889	21.06431	30.954346	48.636837
10/15/2009 14:40	16090	11.17361111	21.06579	30.954346	48.640259
10/15/2009 14:45	16095	11.17708333	21.064611	30.956329	48.637539
10/15/2009 14:50	16100	11.18055556	21.068163	30.954834	48.645737
10/15/2009 14:55	16105	11.18402778	21.06966	30.951813	48.649193
10/15/2009 15:00	16110	11.1875	21.069359	30.956848	48.648495
10/15/2009 15:05	16115	11.19097222	21.069771	30.955353	48.649445
10/15/2009 15:10	16120	11.19444444	21.066935	30.964844	48.642899
10/15/2009 15:15	16125	11.19791667	21.07403	30.970825	48.659283
10/15/2009 15:20	16130	11.20138889	21.073952	30.974365	48.659103
10/15/2009 15:25	16135	11.20486111	21.073902	30.975861	48.658989
10/15/2009 15:30	16140	11.20833333	21.075609	30.975861	48.66293
10/15/2009 15:35	16145	11.21180556	21.07925	30.97287	48.671337

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/4/2009 10:30	0	21.257521	30.960251	49.082958
10/4/2009 10:35	5	21.195999	30.962234	48.940907
10/4/2009 10:40	10	21.10701	30.96373	48.735432
10/4/2009 10:45	15	21.032549	30.959732	48.563503
10/4/2009 10:50	20	20.969528	30.961227	48.417988
10/4/2009 10:55	25	20.915241	30.961227	48.292645
10/4/2009 11:00	30	20.869282	30.962234	48.186527
10/4/2009 11:05	35	20.827513	30.962234	48.090084
10/4/2009 11:10	40	20.791365	30.961227	48.006618
10/4/2009 11:15	45	20.755751	30.961227	47.924385
10/4/2009 11:20	50	20.725183	30.961227	47.853806
10/4/2009 11:25	55	20.696571	30.962234	47.787743
10/4/2009 11:30	60	20.66802	30.960739	47.721821
10/4/2009 11:35	65	20.645557	30.962723	47.669952
10/4/2009 11:40	70	20.621542	30.961746	47.614502
10/4/2009 11:45	75	20.600737	30.961746	47.566463
10/4/2009 11:50	80	20.582644	30.962234	47.524685
10/4/2009 11:55	85	20.564373	30.961746	47.482498
10/4/2009 12:00	90	20.546732	30.961746	47.441765
10/4/2009 12:05	95	20.532145	30.960739	47.408085
10/4/2009 12:10	100	20.516632	30.961746	47.372269
10/4/2009 12:15	105	20.503984	30.960739	47.343067
10/4/2009 12:20	110	20.488649	30.960251	47.307655
10/4/2009 12:25	115	20.476873	30.961227	47.280468
10/4/2009 12:30	120	20.468019	30.963242	47.260021
10/4/2009 12:35	125	20.451927	30.963242	47.222866
10/4/2009 12:40	130	20.44338	30.961227	47.203129
10/4/2009 12:45	135	20.433605	30.960251	47.180561
10/4/2009 12:50	140	20.422344	30.961227	47.15456
10/4/2009 12:55	145	20.414988	30.960739	47.137573
10/4/2009 13:00	150	20.405048	30.961746	47.114624
10/4/2009 13:05	155	20.398664	30.963242	47.099884
10/4/2009 13:10	160	20.389822	30.961746	47.079468
10/4/2009 13:15	165	20.382988	30.961227	47.06369
10/4/2009 13:20	170	20.375517	30.960739	47.046436
10/4/2009 13:25	175	20.371553	30.961227	47.037285
10/4/2009 13:30	180	20.364544	30.960251	47.021099
10/4/2009 13:35	185	20.360233	30.959244	47.011147
10/4/2009 13:40	190	20.352713	30.961746	46.993782
10/4/2009 13:45	195	20.346846	30.963242	46.980236
10/4/2009 13:50	200	20.343639	30.960739	46.972836
10/4/2009 13:55	205	20.336737	30.958725	46.956898
10/4/2009 14:00	210	20.33226	30.960739	46.94656
10/4/2009 14:05	215	20.327309	30.962723	46.935127

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/4/2009 14:10	220	20.321001	30.960251	46.920559
10/4/2009 14:15	225	20.316284	30.961227	46.909668
10/4/2009 14:20	230	20.313063	30.961746	46.902233
10/4/2009 14:25	235	20.307724	30.959244	46.889904
10/4/2009 14:30	240	20.302607	30.958725	46.87809
10/4/2009 14:35	245	20.299732	30.96373	46.871452
10/4/2009 14:40	250	20.293701	30.961227	46.857529
10/4/2009 14:45	255	20.292444	30.963242	46.854626
10/4/2009 14:50	260	20.286406	30.961227	46.840683
10/4/2009 14:55	265	20.280716	30.959732	46.827541
10/4/2009 15:00	270	20.277273	30.963242	46.819595
10/4/2009 15:05	275	20.27578	30.958725	46.816147
10/4/2009 15:10	280	20.269341	30.961227	46.801281
10/4/2009 15:15	285	20.26635	30.960739	46.794373
10/4/2009 15:20	290	20.264004	30.96373	46.78896
10/4/2009 15:25	295	20.258423	30.962723	46.77607
10/4/2009 15:30	300	20.256472	30.960251	46.771564
10/4/2009 15:35	305	20.254118	30.961227	46.766132
10/4/2009 15:40	310	20.249405	30.959732	46.755249
10/4/2009 15:45	315	20.248539	30.96373	46.75325
10/4/2009 15:50	320	20.245382	30.959732	46.74596
10/4/2009 15:55	325	20.241182	30.962234	46.736263
10/4/2009 16:00	330	20.237398	30.960251	46.727524
10/4/2009 16:05	335	20.233948	30.959244	46.719559
10/4/2009 16:10	340	20.23107	30.959732	46.712914
10/4/2009 16:15	345	20.227398	30.960251	46.704433
10/4/2009 16:20	350	20.226534	30.958237	46.702438
10/4/2009 16:25	355	20.224527	30.961746	46.697807
10/4/2009 16:30	360	20.221825	30.958725	46.691566
10/4/2009 16:35	365	20.218149	30.960739	46.683083
10/4/2009 16:40	370	20.216658	30.963242	46.679638
10/4/2009 16:45	375	20.213432	30.962234	46.672188
10/4/2009 16:50	380	20.210787	30.961746	46.66608
10/4/2009 16:55	385	20.207344	30.962234	46.658131
10/4/2009 17:00	390	20.203783	30.962723	46.64991
10/4/2009 17:05	395	20.20298	30.959732	46.648056
10/4/2009 17:10	400	20.200455	30.959732	46.642223
10/4/2009 17:15	405	20.197973	30.961746	46.636494
10/4/2009 17:20	410	20.194075	30.961227	46.627491
10/4/2009 17:25	415	20.19545	30.955734	46.630665
10/4/2009 17:30	420	20.19109	30.960739	46.620602
10/4/2009 17:35	425	20.190344	30.961227	46.618877
10/4/2009 17:40	430	20.190399	30.959732	46.619007
10/4/2009 17:45	435	20.187698	30.960739	46.612774

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/4/2009 17:50	440	20.186085	30.960739	46.609043
10/4/2009 17:55	445	20.185112	30.960251	46.6068
10/4/2009 18:00	450	20.183727	30.960251	46.603603
10/4/2009 18:05	455	20.180454	30.962234	46.596043
10/4/2009 18:10	460	20.180111	30.959732	46.595249
10/4/2009 18:15	465	20.177464	30.961746	46.589138
10/4/2009 18:20	470	20.175117	30.960739	46.583721
10/4/2009 18:25	475	20.174658	30.961227	46.582661
10/4/2009 18:30	480	20.171431	30.961746	46.575211
10/4/2009 18:35	485	20.169828	30.959244	46.57151
10/4/2009 18:40	490	20.168447	30.961227	46.568321
10/4/2009 18:45	495	20.167128	30.958725	46.565269
10/4/2009 18:50	500	20.162758	30.960251	46.555183
10/4/2009 18:55	505	20.161781	30.963242	46.552925
10/4/2009 19:00	510	20.159084	30.960739	46.5467
10/4/2009 19:05	515	20.15707	30.960251	46.542049
10/4/2009 19:10	520	20.154945	30.960739	46.537144
10/4/2009 19:15	525	20.152872	30.958237	46.532356
10/4/2009 19:20	530	20.148684	30.960251	46.522686
10/4/2009 19:25	535	20.147362	30.962723	46.519634
10/4/2009 19:30	540	20.147127	30.960739	46.519096
10/4/2009 19:35	545	20.144258	30.961746	46.512466
10/4/2009 19:40	550	20.139769	30.960739	46.502102
10/4/2009 19:45	555	20.138622	30.961227	46.499454
10/4/2009 19:50	560	20.136105	30.959244	46.493641
10/4/2009 19:55	565	20.135693	30.962234	46.492691
10/4/2009 20:00	570	20.135065	30.960739	46.491241
10/4/2009 20:05	575	20.131725	30.960739	46.483528
10/4/2009 20:10	580	20.128401	30.959244	46.475853
10/4/2009 20:15	585	20.124084	30.959732	46.465889
10/4/2009 20:20	590	20.123457	30.961746	46.464436
10/4/2009 20:25	595	20.123343	30.95723	46.464172
10/4/2009 20:30	600	20.121273	30.958237	46.459396
10/4/2009 20:35	605	20.11978	30.958725	46.455944
10/4/2009 20:40	610	20.116051	30.95723	46.447338
10/4/2009 20:45	615	20.116442	30.962723	46.448242
10/4/2009 20:50	620	20.114779	30.960251	46.444401
10/4/2009 20:55	625	20.111628	30.962723	46.437126
10/4/2009 21:00	630	20.109325	30.960251	46.431808
10/4/2009 21:05	635	20.106794	30.959732	46.425964
10/4/2009 21:10	640	20.105074	30.962234	46.421993
10/4/2009 21:15	645	20.102606	30.961227	46.416298
10/4/2009 21:20	650	20.099155	30.960251	46.408325
10/4/2009 21:25	655	20.098352	30.959244	46.406475

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/4/2009 21:30	660	20.094669	30.958725	46.397972
10/4/2009 21:35	665	20.092257	30.957748	46.392399
10/4/2009 21:40	670	20.090828	30.960251	46.389099
10/4/2009 21:45	675	20.088295	30.959732	46.383247
10/4/2009 21:50	680	20.08824	30.961746	46.383125
10/4/2009 21:55	685	20.087378	30.958725	46.38113
10/4/2009 22:00	690	20.082434	30.959244	46.369717
10/4/2009 22:05	695	20.082487	30.958237	46.369843
10/4/2009 22:10	700	20.080996	30.961227	46.366398
10/4/2009 22:15	705	20.079451	30.959244	46.362831
10/4/2009 22:20	710	20.078463	30.960739	46.36055
10/4/2009 22:25	715	20.075249	30.957748	46.353127
10/4/2009 22:30	720	20.074448	30.960251	46.35128
10/4/2009 22:35	725	20.073296	30.961746	46.348618
10/4/2009 22:40	730	20.071453	30.960739	46.344364
10/4/2009 22:45	735	20.069223	30.960251	46.339214
10/4/2009 22:50	740	20.06675	30.958237	46.333504
10/4/2009 22:55	745	20.065428	30.957748	46.330448
10/4/2009 23:00	750	20.063358	30.95723	46.325672
10/4/2009 23:05	755	20.061924	30.960739	46.322361
10/4/2009 23:10	760	20.060545	30.959732	46.319176
10/4/2009 23:15	765	20.058935	30.959732	46.315464
10/4/2009 23:20	770	20.05744	30.961746	46.312004
10/4/2009 23:25	775	20.05382	30.958237	46.30365
10/4/2009 23:30	780	20.056175	30.960251	46.309086
10/4/2009 23:35	785	20.054455	30.960251	46.305115
10/4/2009 23:40	790	20.053068	30.958725	46.30191
10/4/2009 23:45	795	20.051064	30.960739	46.297283
10/4/2009 23:50	800	20.050779	30.957748	46.296627
10/4/2009 23:55	805	20.04928	30.959244	46.293167
10/5/2009 0:00	810	20.048704	30.958725	46.291836
10/5/2009 0:05	815	20.046926	30.959732	46.287735
10/5/2009 0:10	820	20.044624	30.960251	46.282417
10/5/2009 0:15	825	20.043015	30.960251	46.278702
10/5/2009 0:20	830	20.042271	30.959732	46.276981
10/5/2009 0:25	835	20.041121	30.959244	46.274326
10/5/2009 0:30	840	20.039223	30.960251	46.269943
10/5/2009 0:35	845	20.038652	30.960251	46.268631
10/5/2009 0:40	850	20.036465	30.958725	46.263577
10/5/2009 0:45	855	20.036123	30.958725	46.262787
10/5/2009 0:50	860	20.034744	30.959732	46.259602
10/5/2009 0:55	865	20.034975	30.960251	46.260139
10/5/2009 1:00	870	20.034109	30.961227	46.258137
10/5/2009 1:05	875	20.031649	30.958237	46.252453

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/5/2009 1:10	880	20.029917	30.960251	46.248459
10/5/2009 1:15	885	20.027563	30.959732	46.243019
10/5/2009 1:20	890	20.026701	30.958237	46.241032
10/5/2009 1:25	895	20.027107	30.958725	46.24197
10/5/2009 1:30	900	20.023077	30.958725	46.232662
10/5/2009 1:35	905	20.023132	30.961746	46.232792
10/5/2009 1:40	910	20.023941	30.958237	46.234661
10/5/2009 1:45	915	20.021875	30.959732	46.229889
10/5/2009 1:50	920	20.019754	30.959244	46.224995
10/5/2009 1:55	925	20.019003	30.959244	46.223259
10/5/2009 2:00	930	20.017168	30.960251	46.219021
10/5/2009 2:05	935	20.01412	30.958237	46.211983
10/5/2009 2:10	940	20.013769	30.957748	46.21117
10/5/2009 2:15	945	20.013597	30.959732	46.210777
10/5/2009 2:20	950	20.012627	30.959732	46.208534
10/5/2009 2:25	955	20.010323	30.962723	46.203217
10/5/2009 2:30	960	20.009865	30.959244	46.202156
10/5/2009 2:35	965	20.00808	30.958237	46.198036
10/5/2009 2:40	970	20.008945	30.962234	46.200035
10/5/2009 2:45	975	20.009291	30.960739	46.200832
10/5/2009 2:50	980	20.007792	30.959244	46.197369
10/5/2009 2:55	985	20.007792	30.958725	46.197369
10/5/2009 3:00	990	20.005207	30.959244	46.191402
10/5/2009 3:05	995	20.006245	30.962234	46.193802
10/5/2009 3:10	1000	20.004122	30.958725	46.188896
10/5/2009 3:15	1005	20.004408	30.962234	46.189556
10/5/2009 3:20	1010	20.002682	30.959244	46.18557
10/5/2009 3:25	1015	20.002279	30.960739	46.184647
10/5/2009 3:30	1020	20.00182	30.959244	46.183582
10/5/2009 3:35	1025	20.001989	30.959244	46.183971
10/5/2009 3:40	1030	19.999813	30.958725	46.178947
10/5/2009 3:45	1035	19.999119	30.957748	46.177345
10/5/2009 3:50	1040	19.997341	30.959732	46.173241
10/5/2009 3:55	1045	19.997568	30.959732	46.173763
10/5/2009 4:00	1050	19.996706	30.960251	46.171776
10/5/2009 4:05	1055	19.99556	30.962723	46.169128
10/5/2009 4:10	1060	19.994928	30.959732	46.167667
10/5/2009 4:15	1065	19.993719	30.960251	46.164879
10/5/2009 4:20	1070	19.992857	30.958725	46.162888
10/5/2009 4:25	1075	19.990101	30.958725	46.156525
10/5/2009 4:30	1080	19.989008	30.961227	46.154003
10/5/2009 4:35	1085	19.989458	30.959244	46.155041
10/5/2009 4:40	1090	19.98694	30.959732	46.149223
10/5/2009 4:45	1095	19.987684	30.958237	46.150944

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/5/2009 4:50	1100	19.984812	30.959244	46.14431
10/5/2009 4:55	1105	19.985332	30.959244	46.145512
10/5/2009 5:00	1110	19.983892	30.959732	46.142185
10/5/2009 5:05	1115	19.983492	30.960739	46.141262
10/5/2009 5:10	1120	19.982632	30.960739	46.139278
10/5/2009 5:15	1125	19.981245	30.957748	46.136078
10/5/2009 5:20	1130	19.980558	30.958237	46.134491
10/5/2009 5:25	1135	19.978954	30.960251	46.130787
10/5/2009 5:30	1140	19.977692	30.958725	46.127872
10/5/2009 5:35	1145	19.975794	30.960739	46.123489
10/5/2009 5:40	1150	19.973724	30.959244	46.11871
10/5/2009 5:45	1155	19.973557	30.960739	46.118324
10/5/2009 5:50	1160	19.973663	30.960251	46.118568
10/5/2009 5:55	1165	19.971487	30.956223	46.113544
10/5/2009 6:00	1170	19.969929	30.959244	46.109947
10/5/2009 6:05	1175	19.966883	30.959244	46.102913
10/5/2009 6:10	1180	19.96637	30.958725	46.101727
10/5/2009 6:15	1185	19.966713	30.960739	46.10252
10/5/2009 6:20	1190	19.964357	30.95723	46.097084
10/5/2009 6:25	1195	19.964531	30.958725	46.097485
10/5/2009 6:30	1200	19.962748	30.959244	46.093369
10/5/2009 6:35	1205	19.959473	30.959732	46.085804
10/5/2009 6:40	1210	19.959875	30.959732	46.086731
10/5/2009 6:45	1215	19.959473	30.959244	46.085804
10/5/2009 6:50	1220	19.95718	30.959244	46.080509
10/5/2009 6:55	1225	19.956829	30.959732	46.0797
10/5/2009 7:00	1230	19.955397	30.958725	46.076393
10/5/2009 7:05	1235	19.95384	30.959732	46.0728
10/5/2009 7:10	1240	19.951027	30.959732	46.066303
10/5/2009 7:15	1245	19.951313	30.958725	46.066963
10/5/2009 7:20	1250	19.948956	30.959732	46.06152
10/5/2009 7:25	1255	19.947182	30.960251	46.057423
10/5/2009 7:30	1260	19.945625	30.959244	46.053829
10/5/2009 7:35	1265	19.943956	30.961227	46.04998
10/5/2009 7:40	1270	19.944189	30.959732	46.050514
10/5/2009 7:45	1275	19.942295	30.958725	46.046139
10/5/2009 7:50	1280	19.939938	30.958725	46.040699
10/5/2009 7:55	1285	19.939192	30.960251	46.038975
10/5/2009 8:00	1290	19.938734	30.959244	46.037922
10/5/2009 8:05	1295	19.937237	30.958237	46.034462
10/5/2009 8:10	1300	19.936607	30.959244	46.033009
10/5/2009 8:15	1305	19.93327	30.959732	46.025303
10/5/2009 8:20	1310	19.933096	30.959732	46.024902
10/5/2009 8:25	1315	19.933331	30.956223	46.025444

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/5/2009 8:30	1320	19.931435	30.959244	46.021061
10/5/2009 8:35	1325	19.929647	30.959244	46.016937
10/5/2009 8:40	1330	19.929882	30.960739	46.017479
10/5/2009 8:45	1335	19.931488	30.958725	46.021187
10/5/2009 8:50	1340	19.927412	30.958237	46.011776
10/5/2009 8:55	1345	19.928558	30.959244	46.014423
10/5/2009 9:00	1350	19.926954	30.958725	46.010719
10/5/2009 9:05	1355	19.927238	30.960739	46.011375
10/5/2009 9:10	1360	19.92494	30.958237	46.006069
10/5/2009 9:15	1365	19.922756	30.958725	46.001026
10/5/2009 9:20	1370	19.921837	30.958237	45.998905
10/5/2009 9:25	1375	19.920868	30.958725	45.996666
10/5/2009 9:30	1380	19.922239	30.960251	45.999832
10/5/2009 9:35	1385	19.919302	30.957748	45.99305
10/5/2009 9:40	1390	19.917988	30.956223	45.990013
10/5/2009 9:45	1395	19.917812	30.958725	45.989613
10/5/2009 9:50	1400	19.918104	30.957748	45.990288
10/5/2009 9:55	1405	19.917191	30.956223	45.988174
10/5/2009 10:00	1410	19.913218	30.959244	45.979
10/5/2009 10:05	1415	19.91695	30.958237	45.987621
10/5/2009 10:10	1420	19.913273	30.956741	45.97913
10/5/2009 10:15	1425	19.913736	30.959732	45.980198
10/5/2009 10:20	1430	19.912823	30.959732	45.978092
10/5/2009 10:25	1435	19.912704	30.958237	45.977818
10/5/2009 10:30	1440	19.91029	30.959244	45.972244
10/5/2009 10:35	1445	19.911097	30.960739	45.974106
10/5/2009 10:40	1450	19.910629	30.955734	45.973026
10/5/2009 10:45	1455	19.908392	30.955734	45.967861
10/5/2009 10:50	1460	19.910461	30.958237	45.972637
10/5/2009 10:55	1465	19.908564	30.959244	45.968258
10/5/2009 11:00	1470	19.908054	30.959244	45.967079
10/5/2009 11:05	1475	19.908392	30.956741	45.967861
10/5/2009 11:10	1480	19.906153	30.959244	45.962692
10/5/2009 11:15	1485	19.90707	30.95723	45.964806
10/5/2009 11:20	1490	19.905468	30.959732	45.961109
10/5/2009 11:25	1495	19.905293	30.956741	45.960705
10/5/2009 11:30	1500	19.907476	30.956741	45.965748
10/5/2009 11:35	1505	19.905582	30.959244	45.961372
10/5/2009 11:40	1510	19.904942	30.958237	45.959892
10/5/2009 11:45	1515	19.905748	30.957748	45.961754
10/5/2009 11:50	1520	19.905521	30.959244	45.961231
10/5/2009 11:55	1525	19.903448	30.957748	45.956444
10/5/2009 12:00	1530	19.917933	30.958725	45.989887
10/5/2009 12:05	1535	19.9335	30.959732	46.025833

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/5/2009 12:10	1540	19.949701	30.960739	46.063244
10/5/2009 12:15	1545	19.963949	30.957748	46.096138
10/5/2009 12:20	1550	19.974588	30.957748	46.120705
10/5/2009 12:25	1555	19.98177	30.957748	46.137287
10/5/2009 12:30	1560	19.992744	30.956741	46.162628
10/5/2009 12:35	1565	19.99728	30.959244	46.1731
10/5/2009 12:40	1570	20.005671	30.961227	46.192474
10/5/2009 12:45	1575	20.011354	30.95723	46.205597
10/5/2009 12:50	1580	20.018312	30.959244	46.221664
10/5/2009 12:55	1585	20.023256	30.956741	46.233078
10/5/2009 13:00	1590	20.027967	30.961227	46.243958
10/5/2009 13:05	1595	20.033768	30.958725	46.257351
10/5/2009 13:10	1600	20.038136	30.959732	46.267433
10/5/2009 13:15	1605	20.042103	30.957748	46.276592
10/5/2009 13:20	1610	20.045202	30.958237	46.283749
10/5/2009 13:25	1615	20.050201	30.958237	46.295296
10/5/2009 13:30	1620	20.052267	30.958237	46.300064
10/5/2009 13:35	1625	20.057272	30.959732	46.311619
10/5/2009 13:40	1630	20.063074	30.957748	46.32502
10/5/2009 13:45	1635	20.067383	30.958237	46.334965
10/5/2009 13:50	1640	20.070423	30.958237	46.341988
10/5/2009 13:55	1645	20.071861	30.95723	46.345306
10/5/2009 14:00	1650	20.074329	30.957748	46.351006
10/5/2009 14:05	1655	20.076977	30.959732	46.357117
10/5/2009 14:10	1660	20.0791	30.956741	46.362019
10/5/2009 14:15	1665	20.081057	30.958725	46.366539
10/5/2009 14:20	1670	20.082434	30.958725	46.369717
10/5/2009 14:25	1675	20.082611	30.958237	46.370129
10/5/2009 14:30	1680	20.083755	30.957748	46.372772
10/5/2009 14:35	1685	20.087034	30.959732	46.380341
10/5/2009 14:40	1690	20.088009	30.959732	46.382587
10/5/2009 14:45	1695	20.088009	30.959732	46.382587
10/5/2009 14:50	1700	20.090996	30.957748	46.389484
10/5/2009 14:55	1705	20.092661	30.959732	46.39333
10/5/2009 15:00	1710	20.092485	30.95723	46.392925
10/5/2009 15:05	1715	20.094732	30.95723	46.398113
10/5/2009 15:10	1720	20.095537	30.960739	46.399975
10/5/2009 15:15	1725	20.145926	30.958237	46.516319
10/5/2009 15:20	1730	20.229872	30.957748	46.710148
10/5/2009 15:25	1735	20.292498	30.959732	46.854748
10/5/2009 15:30	1740	20.345591	30.958237	46.977337
10/5/2009 15:35	1745	20.391314	30.956223	47.082912
10/5/2009 15:40	1750	20.429588	30.958725	47.171284
10/5/2009 15:45	1755	20.464458	30.956223	47.251801

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/5/2009 15:50	1760	20.494278	30.957748	47.320652
10/5/2009 15:55	1765	20.522947	30.957748	47.386852
10/5/2009 16:00	1770	20.547707	30.957748	47.444019
10/5/2009 16:05	1775	20.569775	30.958725	47.494972
10/5/2009 16:10	1780	20.590055	30.956741	47.541798
10/5/2009 16:15	1785	20.611027	30.956741	47.590221
10/5/2009 16:20	1790	20.629295	30.959244	47.632404
10/5/2009 16:25	1795	20.646988	30.95723	47.673252
10/5/2009 16:30	1800	20.661348	30.958237	47.706413
10/5/2009 16:35	1805	20.677729	30.95723	47.744236
10/5/2009 16:40	1810	20.690998	30.957748	47.774872
10/5/2009 16:45	1815	20.704159	30.960251	47.805264
10/5/2009 16:50	1820	20.716738	30.956741	47.834305
10/5/2009 16:55	1825	20.728285	30.959732	47.860966
10/5/2009 17:00	1830	20.737019	30.95723	47.881134
10/5/2009 17:05	1835	20.749201	30.957748	47.909264
10/5/2009 17:10	1840	20.759949	30.959732	47.934078
10/5/2009 17:15	1845	20.768389	30.959244	47.953568
10/5/2009 17:20	1850	20.777412	30.95723	47.974403
10/5/2009 17:25	1855	20.787231	30.959732	47.997074
10/5/2009 17:30	1860	20.795618	30.958237	48.016438
10/5/2009 17:35	1865	20.804417	30.958725	48.036755
10/5/2009 17:40	1870	20.812227	30.958725	48.054787
10/5/2009 17:45	1875	20.818256	30.956741	48.06871
10/5/2009 17:50	1880	20.824808	30.955734	48.083836
10/5/2009 17:55	1885	20.830725	30.95723	48.097496
10/5/2009 18:00	1890	20.836813	30.960251	48.111557
10/5/2009 18:05	1895	20.843306	30.958237	48.126545
10/5/2009 18:10	1900	20.850433	30.959732	48.143005
10/5/2009 18:15	1905	20.857725	30.959244	48.15984
10/5/2009 18:20	1910	20.860365	30.960251	48.165936
10/5/2009 18:25	1915	20.8664	30.959732	48.179867
10/5/2009 18:30	1920	20.869558	30.957748	48.187164
10/5/2009 18:35	1925	20.875767	30.958725	48.201496
10/5/2009 18:40	1930	20.879732	30.956223	48.210651
10/5/2009 18:45	1935	20.885128	30.957748	48.22311
10/5/2009 18:50	1940	20.887831	30.958725	48.229355
10/5/2009 18:55	1945	20.894899	30.958725	48.245674
10/5/2009 19:00	1950	20.897713	30.958725	48.252171
10/5/2009 19:05	1955	20.901279	30.960251	48.260406
10/5/2009 19:10	1960	20.903336	30.959244	48.265156
10/5/2009 19:15	1965	20.905924	30.958725	48.271133
10/5/2009 19:20	1970	20.91081	30.959244	48.282413
10/5/2009 19:25	1975	20.913683	30.958237	48.289047

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/5/2009 19:30	1980	20.916494	30.95723	48.295536
10/5/2009 19:35	1985	20.918802	30.958237	48.300865
10/5/2009 19:40	1990	20.921036	30.957748	48.306023
10/5/2009 19:45	1995	20.924828	30.957748	48.314777
10/5/2009 19:50	2000	20.926264	30.958237	48.318096
10/5/2009 19:55	2005	20.929308	30.958725	48.325127
10/5/2009 20:00	2010	20.931957	30.958725	48.331242
10/5/2009 20:05	2015	20.934597	30.958725	48.337337
10/5/2009 20:10	2020	20.937122	30.958237	48.34317
10/5/2009 20:15	2025	20.939878	30.956741	48.349533
10/5/2009 20:20	2030	20.940859	30.958237	48.351791
10/5/2009 20:25	2035	20.944361	30.958237	48.359879
10/5/2009 20:30	2040	20.945625	30.956741	48.362801
10/5/2009 20:35	2045	20.948042	30.95723	48.368382
10/5/2009 20:40	2050	20.948904	30.956223	48.370369
10/5/2009 20:45	2055	20.950565	30.956741	48.374203
10/5/2009 20:50	2060	20.952116	30.956741	48.377785
10/5/2009 20:55	2065	20.953213	30.955734	48.380318
10/5/2009 21:00	2070	20.955402	30.958725	48.385372
10/5/2009 21:05	2075	20.957003	30.95723	48.389069
10/5/2009 21:10	2080	20.960623	30.958725	48.39743
10/5/2009 21:15	2085	20.960789	30.95723	48.397812
10/5/2009 21:20	2090	20.963556	30.957748	48.404202
10/5/2009 21:25	2095	20.964991	30.95723	48.407513
10/5/2009 21:30	2100	20.965965	30.956741	48.409763
10/5/2009 21:35	2105	20.966478	30.95723	48.41095
10/5/2009 21:40	2110	20.969065	30.958725	48.41692
10/5/2009 21:45	2115	20.970501	30.957748	48.420235
10/5/2009 21:50	2120	20.973377	30.959244	48.42688
10/5/2009 21:55	2125	20.974813	30.953751	48.430191
10/5/2009 22:00	2130	20.973083	30.956741	48.426201
10/5/2009 22:05	2135	20.977684	30.958725	48.436821
10/5/2009 22:10	2140	20.976881	30.958237	48.434971
10/5/2009 22:15	2145	20.98131	30.958237	48.445194
10/5/2009 22:20	2150	20.98245	30.957748	48.44783
10/5/2009 22:25	2155	20.982336	30.956741	48.447563
10/5/2009 22:30	2160	20.983776	30.956741	48.45089
10/5/2009 22:35	2165	20.98567	30.956741	48.455261
10/5/2009 22:40	2170	20.986818	30.95723	48.457912
10/5/2009 22:45	2175	20.988197	30.95723	48.461094
10/5/2009 22:50	2180	20.988487	30.958237	48.461765
10/5/2009 22:55	2185	20.991241	30.956223	48.468128
10/5/2009 23:00	2190	20.991529	30.959732	48.468792
10/5/2009 23:05	2195	20.993658	30.960251	48.473705

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/5/2009 23:10	2200	20.995382	30.956741	48.477688
10/5/2009 23:15	2205	20.996933	30.956741	48.481266
10/5/2009 23:20	2210	21.000147	30.959732	48.488689
10/5/2009 23:25	2215	20.998768	30.956741	48.485504
10/5/2009 23:30	2220	21.000895	30.955215	48.490417
10/5/2009 23:35	2225	21.001177	30.956223	48.491066
10/5/2009 23:40	2230	21.002735	30.956223	48.494663
10/5/2009 23:45	2235	21.003531	30.958237	48.496502
10/5/2009 23:50	2240	21.004509	30.957748	48.49876
10/5/2009 23:55	2245	21.00601	30.955734	48.502224
10/6/2009 0:00	2250	21.006294	30.956223	48.502884
10/6/2009 0:05	2255	21.006639	30.956741	48.503677
10/6/2009 0:10	2260	21.007502	30.955734	48.505672
10/6/2009 0:15	2265	21.009109	30.957748	48.509384
10/6/2009 0:20	2270	21.011982	30.957748	48.516018
10/6/2009 0:25	2275	21.010727	30.955215	48.513119
10/6/2009 0:30	2280	21.014051	30.955215	48.520794
10/6/2009 0:35	2285	21.013994	30.957748	48.52066
10/6/2009 0:40	2290	21.014278	30.956223	48.52132
10/6/2009 0:45	2295	21.01664	30.955215	48.526772
10/6/2009 0:50	2300	21.015656	30.955734	48.524498
10/6/2009 0:55	2305	21.019566	30.957748	48.533524
10/6/2009 1:00	2310	21.019337	30.95723	48.532997
10/6/2009 1:05	2315	21.020716	30.957748	48.536182
10/6/2009 1:10	2320	21.02249	30.957748	48.540276
10/6/2009 1:15	2325	21.021749	30.956741	48.53857
10/6/2009 1:20	2330	21.023071	30.95723	48.541618
10/6/2009 1:25	2335	21.023933	30.958237	48.543613
10/6/2009 1:30	2340	21.025599	30.958237	48.547455
10/6/2009 1:35	2345	21.02669	30.954239	48.549976
10/6/2009 1:40	2350	21.02795	30.955734	48.552887
10/6/2009 1:45	2355	21.028704	30.957748	48.554626
10/6/2009 1:50	2360	21.030533	30.95723	48.558846
10/6/2009 1:55	2365	21.030243	30.95723	48.558178
10/6/2009 2:00	2370	21.030481	30.953751	48.558727
10/6/2009 2:05	2375	21.031574	30.955215	48.561253
10/6/2009 2:10	2380	21.03244	30.956223	48.563251
10/6/2009 2:15	2385	21.033979	30.95723	48.566807
10/6/2009 2:20	2390	21.034391	30.956223	48.567757
10/6/2009 2:25	2395	21.03577	30.95723	48.570938
10/6/2009 2:30	2400	21.035889	30.955734	48.571213
10/6/2009 2:35	2405	21.038065	30.956741	48.576241
10/6/2009 2:40	2410	21.039618	30.95723	48.579823
10/6/2009 2:45	2415	21.040989	30.959244	48.582993

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/6/2009 2:50	2420	21.041395	30.957748	48.583931
10/6/2009 2:55	2425	21.045185	30.958237	48.592678
10/6/2009 3:00	2430	21.04364	30.956741	48.589111
10/6/2009 3:05	2435	21.045698	30.958725	48.593864
10/6/2009 3:10	2440	21.047836	30.956741	48.598801
10/6/2009 3:15	2445	21.048117	30.958725	48.599445
10/6/2009 3:20	2450	21.047142	30.956741	48.597202
10/6/2009 3:25	2455	21.049841	30.956223	48.603432
10/6/2009 3:30	2460	21.050817	30.957748	48.605682
10/6/2009 3:35	2465	21.05036	30.958237	48.60463
10/6/2009 3:40	2470	21.049385	30.956741	48.602375
10/6/2009 3:45	2475	21.051167	30.957748	48.606495
10/6/2009 3:50	2480	21.052252	30.956223	48.609001
10/6/2009 3:55	2485	21.053226	30.95723	48.611244
10/6/2009 4:00	2490	21.05312	30.956741	48.611
10/6/2009 4:05	2495	21.05352	30.956741	48.611923
10/6/2009 4:10	2500	21.053745	30.956223	48.612446
10/6/2009 4:15	2505	21.053293	30.955215	48.611401
10/6/2009 4:20	2510	21.054668	30.955734	48.614574
10/6/2009 4:25	2515	21.054903	30.95723	48.615116
10/6/2009 4:30	2520	21.056105	30.957748	48.617893
10/6/2009 4:35	2525	21.057312	30.956741	48.620678
10/6/2009 4:40	2530	21.057888	30.956223	48.622013
10/6/2009 4:45	2535	21.057487	30.956223	48.621086
10/6/2009 4:50	2540	21.058748	30.956741	48.623997
10/6/2009 4:55	2545	21.058914	30.956741	48.624378
10/6/2009 5:00	2550	21.059261	30.958237	48.625183
10/6/2009 5:05	2555	21.059433	30.955734	48.62558
10/6/2009 5:10	2560	21.059841	30.956223	48.626522
10/6/2009 5:15	2565	21.061161	30.958725	48.62957
10/6/2009 5:20	2570	21.059727	30.95723	48.626255
10/6/2009 5:25	2575	21.059841	30.958725	48.626522
10/6/2009 5:30	2580	21.061735	30.957748	48.630894
10/6/2009 5:35	2585	21.061043	30.95723	48.629295
10/6/2009 5:40	2590	21.063229	30.956223	48.634342
10/6/2009 5:45	2595	21.06093	30.95723	48.629036
10/6/2009 5:50	2600	21.062426	30.956741	48.632488
10/6/2009 5:55	2605	21.062023	30.955734	48.631557
10/6/2009 6:00	2610	21.061964	30.95723	48.631424
10/6/2009 6:05	2615	21.062136	30.959732	48.631817
10/6/2009 6:10	2620	21.061964	30.956223	48.631424
10/6/2009 6:15	2625	21.063919	30.955215	48.635937
10/6/2009 6:20	2630	21.06288	30.955734	48.633537
10/6/2009 6:25	2635	21.063974	30.955215	48.636063

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/6/2009 6:30	2640	21.06456	30.957748	48.637417
10/6/2009 6:35	2645	21.063919	30.956741	48.635937
10/6/2009 6:40	2650	21.064201	30.956741	48.636585
10/6/2009 6:45	2655	21.064262	30.957748	48.636726
10/6/2009 6:50	2660	21.065355	30.957748	48.639252
10/6/2009 6:55	2665	21.064375	30.958237	48.636986
10/6/2009 7:00	2670	21.065582	30.958237	48.639774
10/6/2009 7:05	2675	21.064032	30.956223	48.636196
10/6/2009 7:10	2680	21.065294	30.956223	48.639111
10/6/2009 7:15	2685	21.064949	30.957748	48.638313
10/6/2009 7:20	2690	21.065643	30.956223	48.639915
10/6/2009 7:25	2695	21.062826	30.956741	48.633411
10/6/2009 7:30	2700	21.065186	30.95723	48.638863
10/6/2009 7:35	2705	21.065065	30.956741	48.638584
10/6/2009 7:40	2710	21.065065	30.958237	48.638584
10/6/2009 7:45	2715	21.065237	30.95723	48.638981
10/6/2009 7:50	2720	21.063572	30.955734	48.635136
10/6/2009 7:55	2725	21.065121	30.956223	48.63871
10/6/2009 8:00	2730	21.064091	30.952744	48.636333
10/6/2009 8:05	2735	21.064375	30.956223	48.636986
10/6/2009 8:10	2740	21.065065	30.955734	48.638584
10/6/2009 8:15	2745	21.06444	30.954758	48.637138
10/6/2009 8:20	2750	21.064091	30.955734	48.636333
10/6/2009 8:25	2755	21.062651	30.955215	48.633007
10/6/2009 8:30	2760	21.063116	30.956223	48.634083
10/6/2009 8:35	2765	21.063515	30.955215	48.635002
10/6/2009 8:40	2770	21.065121	30.955215	48.63871
10/6/2009 8:45	2775	21.062595	30.952225	48.632877
10/6/2009 8:50	2780	21.063745	30.957748	48.635536
10/6/2009 8:55	2785	21.063002	30.952225	48.633816
10/6/2009 9:00	2790	21.064262	30.956741	48.636726
10/6/2009 9:05	2795	21.064375	30.954239	48.636986
10/6/2009 9:10	2800	21.063974	30.958237	48.636063
10/6/2009 9:15	2805	21.063057	30.955734	48.633945
10/6/2009 9:20	2810	21.063801	30.956223	48.635662
10/6/2009 9:25	2815	21.064142	30.954239	48.636452
10/6/2009 9:30	2820	21.064495	30.956223	48.637268
10/6/2009 9:35	2825	21.064949	30.955215	48.638313
10/6/2009 9:40	2830	21.064724	30.956741	48.637798
10/6/2009 9:45	2835	21.0646	30.955734	48.637508
10/6/2009 9:50	2840	21.065186	30.956223	48.638863
10/6/2009 9:55	2845	21.022551	30.955734	48.540417
10/6/2009 10:00	2850	20.954876	30.955215	48.384159
10/6/2009 10:05	2855	20.896734	30.955734	48.249912

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/6/2009 10:10	2860	20.849161	30.955734	48.140068
10/6/2009 10:15	2865	20.80608	30.95723	48.040592
10/6/2009 10:20	2870	20.770689	30.95723	47.958878
10/6/2009 10:25	2875	20.738115	30.956741	47.883667
10/6/2009 10:30	2880	20.708752	30.956741	47.815865
10/6/2009 10:35	2885	20.681692	30.956223	47.753387
10/6/2009 10:40	2890	20.657558	30.955215	47.697662
10/6/2009 10:45	2895	20.634523	30.956223	47.644474
10/6/2009 10:50	2900	20.616768	30.956741	47.603477
10/6/2009 10:55	2905	20.598503	30.955215	47.561306
10/6/2009 11:00	2910	20.581259	30.956741	47.521488
10/6/2009 11:05	2915	20.565805	30.953232	47.485809
10/6/2009 11:10	2920	20.551332	30.956223	47.452393
10/6/2009 11:15	2925	20.536335	30.953232	47.417759
10/6/2009 11:20	2930	20.524038	30.955215	47.38937
10/6/2009 11:25	2935	20.512035	30.955734	47.361652
10/6/2009 11:30	2940	20.498247	30.954239	47.329819
10/6/2009 11:35	2945	20.487555	30.955734	47.30513
10/6/2009 11:40	2950	20.477617	30.95723	47.282181
10/6/2009 11:45	2955	20.469406	30.956223	47.263222
10/6/2009 11:50	2960	20.460726	30.958725	47.243183
10/6/2009 11:55	2965	20.450382	30.956741	47.219299
10/6/2009 12:00	2970	20.443832	30.954758	47.204174
10/6/2009 12:05	2975	20.436081	30.953751	47.186279
10/6/2009 12:10	2980	20.429876	30.955734	47.171951
10/6/2009 12:15	2985	20.422108	30.954239	47.154015
10/6/2009 12:20	2990	20.416941	30.954239	47.142082
10/6/2009 12:25	2995	20.411201	30.955734	47.12883
10/6/2009 12:30	3000	20.403332	30.955734	47.110661
10/6/2009 12:35	3005	20.398439	30.95723	47.099365
10/6/2009 12:40	3010	20.394651	30.954758	47.090618
10/6/2009 12:45	3015	20.388618	30.95723	47.076687
10/6/2009 12:50	3020	20.384363	30.956223	47.066864
10/6/2009 12:55	3025	20.381495	30.956223	47.060242
10/6/2009 13:00	3030	20.37805	30.953751	47.052284
10/6/2009 13:05	3035	20.374313	30.955215	47.043655
10/6/2009 13:10	3040	20.369547	30.955215	47.032654
10/6/2009 13:15	3045	20.367414	30.954239	47.027729
10/6/2009 13:20	3050	20.364141	30.956741	47.020172
10/6/2009 13:25	3055	20.358627	30.955734	47.007439
10/6/2009 13:30	3060	20.356382	30.955215	47.002254
10/6/2009 13:35	3065	20.354141	30.955734	46.997082
10/6/2009 13:40	3070	20.351273	30.955215	46.990456
10/6/2009 13:45	3075	20.347597	30.956741	46.981976

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/6/2009 13:50	3080	20.345182	30.955215	46.976395
10/6/2009 13:55	3085	20.343517	30.956223	46.972553
10/6/2009 14:00	3090	20.340527	30.955215	46.965645
10/6/2009 14:05	3095	20.338976	30.956223	46.962067
10/6/2009 14:10	3100	20.337542	30.956223	46.958752
10/6/2009 14:15	3105	20.334377	30.95723	46.95145
10/6/2009 14:20	3110	20.332657	30.957748	46.947472
10/6/2009 14:25	3115	20.331564	30.957748	46.944954
10/6/2009 14:30	3120	20.329096	30.954758	46.939251
10/6/2009 14:35	3125	20.326559	30.955215	46.933395
10/6/2009 14:40	3130	20.324732	30.957748	46.929176
10/6/2009 14:45	3135	20.322659	30.954758	46.924389
10/6/2009 14:50	3140	20.319958	30.953751	46.918152
10/6/2009 14:55	3145	20.320019	30.955215	46.918293
10/6/2009 15:00	3150	20.317547	30.955734	46.912586
10/6/2009 15:05	3155	20.316284	30.954758	46.909668
10/6/2009 15:10	3160	20.314558	30.954239	46.905682
10/6/2009 15:15	3165	20.311567	30.95723	46.898781
10/6/2009 15:20	3170	20.311115	30.955734	46.897736
10/6/2009 15:25	3175	20.309217	30.95723	46.893353
10/6/2009 15:30	3180	20.309105	30.956223	46.893093
10/6/2009 15:35	3185	20.307434	30.956741	46.889236
10/6/2009 15:40	3190	20.30629	30.954758	46.886593
10/6/2009 15:45	3195	20.306742	30.955215	46.887634
10/6/2009 15:50	3200	20.303467	30.955734	46.880077
10/6/2009 15:55	3205	20.302607	30.956223	46.87809
10/6/2009 16:00	3210	20.300659	30.955734	46.873592
10/6/2009 16:05	3215	20.298182	30.953232	46.86787
10/6/2009 16:10	3220	20.298475	30.954758	46.868549
10/6/2009 16:15	3225	20.298531	30.956741	46.868679
10/6/2009 16:20	3230	20.296289	30.954239	46.863503
10/6/2009 16:25	3235	20.296806	30.954758	46.864697
10/6/2009 16:30	3240	20.294907	30.952744	46.860313
10/6/2009 16:35	3245	20.29525	30.954239	46.861103
10/6/2009 16:40	3250	20.293358	30.956223	46.856731
10/6/2009 16:45	3255	20.291979	30.954758	46.85355
10/6/2009 16:50	3260	20.291752	30.955734	46.853024
10/6/2009 16:55	3265	20.291407	30.958725	46.85223
10/6/2009 17:00	3270	20.289566	30.954758	46.84798
10/6/2009 17:05	3275	20.290367	30.957748	46.849827
10/6/2009 17:10	3280	20.290367	30.955215	46.849827
10/6/2009 17:15	3285	20.287556	30.952744	46.843338
10/6/2009 17:20	3290	20.288473	30.955215	46.845455
10/6/2009 17:25	3295	20.285948	30.954758	46.839622

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/6/2009 17:30	3300	20.285206	30.955734	46.83791
10/6/2009 17:35	3305	20.284624	30.954239	46.836567
10/6/2009 17:40	3310	20.284107	30.955734	46.835373
10/6/2009 17:45	3315	20.282673	30.954758	46.832066
10/6/2009 17:50	3320	20.282784	30.953232	46.832321
10/6/2009 17:55	3325	20.280655	30.954758	46.827404
10/6/2009 18:00	3330	20.279514	30.955215	46.824768
10/6/2009 18:05	3335	20.278425	30.957748	46.822254
10/6/2009 18:10	3340	20.279047	30.958237	46.823692
10/6/2009 18:15	3345	20.276115	30.955215	46.816925
10/6/2009 18:20	3350	20.276525	30.955734	46.817867
10/6/2009 18:25	3355	20.274916	30.953751	46.814152
10/6/2009 18:30	3360	20.273876	30.956741	46.811752
10/6/2009 18:35	3365	20.273077	30.955215	46.80991
10/6/2009 18:40	3370	20.273714	30.954239	46.811375
10/6/2009 18:45	3375	20.271355	30.956223	46.805927
10/6/2009 18:50	3380	20.270773	30.955734	46.804588
10/6/2009 18:55	3385	20.269913	30.956223	46.802601
10/6/2009 19:00	3390	20.269285	30.955215	46.801151
10/6/2009 19:05	3395	20.268364	30.954239	46.799023
10/6/2009 19:10	3400	20.268133	30.95723	46.798492
10/6/2009 19:15	3405	20.266762	30.951736	46.795326
10/6/2009 19:20	3410	20.267042	30.953751	46.795975
10/6/2009 19:25	3415	20.266066	30.954758	46.793716
10/6/2009 19:30	3420	20.26486	30.956223	46.790932
10/6/2009 19:35	3425	20.26371	30.952744	46.78828
10/6/2009 19:40	3430	20.262911	30.953232	46.786434
10/6/2009 19:45	3435	20.262331	30.956223	46.785099
10/6/2009 19:50	3440	20.260429	30.956223	46.780704
10/6/2009 19:55	3445	20.262846	30.955215	46.786282
10/6/2009 20:00	3450	20.261181	30.951736	46.78244
10/6/2009 20:05	3455	20.259806	30.955734	46.779266
10/6/2009 20:10	3460	20.256638	30.954758	46.771946
10/6/2009 20:15	3465	20.257212	30.955215	46.773273
10/6/2009 20:20	3470	20.256128	30.953751	46.770775
10/6/2009 20:25	3475	20.257624	30.956741	46.774223
10/6/2009 20:30	3480	20.255444	30.955215	46.769192
10/6/2009 20:35	3485	20.255262	30.953751	46.768772
10/6/2009 20:40	3490	20.253996	30.95723	46.76585
10/6/2009 20:45	3495	20.25308	30.955734	46.763737
10/6/2009 20:50	3500	20.253714	30.954758	46.765198
10/6/2009 20:55	3505	20.252275	30.95723	46.761875
10/6/2009 21:00	3510	20.25176	30.954239	46.760689
10/6/2009 21:05	3515	20.252104	30.954758	46.761482

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/6/2009 21:10	3520	20.250553	30.953232	46.7579
10/6/2009 21:15	3525	20.248833	30.956741	46.753929
10/6/2009 21:20	3530	20.247169	30.952744	46.750084
10/6/2009 21:25	3535	20.248486	30.954758	46.753124
10/6/2009 21:30	3540	20.245382	30.955734	46.74596
10/6/2009 21:35	3545	20.246304	30.952744	46.748089
10/6/2009 21:40	3550	20.245382	30.953751	46.74596
10/6/2009 21:45	3555	20.245153	30.955734	46.745434
10/6/2009 21:50	3560	20.244118	30.955215	46.743038
10/6/2009 21:55	3565	20.244404	30.953232	46.743698
10/6/2009 22:00	3570	20.242922	30.952744	46.74028
10/6/2009 22:05	3575	20.242737	30.954239	46.739849
10/6/2009 22:10	3580	20.241707	30.955734	46.737473
10/6/2009 22:15	3585	20.241364	30.955215	46.736683
10/6/2009 22:20	3590	20.241135	30.952744	46.736153
10/6/2009 22:25	3595	20.240211	30.954239	46.73402
10/6/2009 22:30	3600	20.239126	30.950729	46.731514
10/6/2009 22:35	3605	20.239407	30.953751	46.732162
10/6/2009 22:40	3610	20.238083	30.95723	46.729107
10/6/2009 22:45	3615	20.238482	30.95723	46.730026
10/6/2009 22:50	3620	20.238482	30.954239	46.730026
10/6/2009 22:55	3625	20.237339	30.954758	46.72739
10/6/2009 23:00	3630	20.235788	30.956223	46.723808
10/6/2009 23:05	3635	20.236877	30.954239	46.726326
10/6/2009 23:10	3640	20.234344	30.954239	46.720474
10/6/2009 23:15	3645	20.234463	30.954239	46.720745
10/6/2009 23:20	3650	20.235844	30.951736	46.723934
10/6/2009 23:25	3655	20.236189	30.953232	46.724731
10/6/2009 23:30	3660	20.23406	30.951736	46.719818
10/6/2009 23:35	3665	20.234575	30.953232	46.721004
10/6/2009 23:40	3670	20.234921	30.956741	46.721802
10/6/2009 23:45	3675	20.233541	30.955215	46.71862
10/6/2009 23:50	3680	20.233717	30.955215	46.719025
10/6/2009 23:55	3685	20.233313	30.953232	46.718094
10/7/2009 0:00	3690	20.232508	30.953751	46.716236
10/7/2009 0:05	3695	20.231817	30.95723	46.714638
10/7/2009 0:10	3700	20.232914	30.956741	46.717175
10/7/2009 0:15	3705	20.230328	30.956741	46.711201
10/7/2009 0:20	3710	20.229469	30.955215	46.709217
10/7/2009 0:25	3715	20.230497	30.955215	46.71159
10/7/2009 0:30	3720	20.229237	30.954758	46.708683
10/7/2009 0:35	3725	20.230497	30.951736	46.71159
10/7/2009 0:40	3730	20.230438	30.955734	46.711452
10/7/2009 0:45	3735	20.229929	30.95723	46.710281

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/7/2009 0:50	3740	20.227802	30.956223	46.705368
10/7/2009 0:55	3745	20.227278	30.955215	46.704155
10/7/2009 1:00	3750	20.227175	30.956741	46.703922
10/7/2009 1:05	3755	20.226534	30.952744	46.702438
10/7/2009 1:10	3760	20.225908	30.955215	46.700996
10/7/2009 1:15	3765	20.22389	30.954758	46.696335
10/7/2009 1:20	3770	20.222456	30.952744	46.693024
10/7/2009 1:25	3775	20.222738	30.953232	46.693676
10/7/2009 1:30	3780	20.221886	30.956741	46.691708
10/7/2009 1:35	3785	20.222111	30.953751	46.692226
10/7/2009 1:40	3790	20.220676	30.953751	46.688915
10/7/2009 1:45	3795	20.222685	30.954758	46.69355
10/7/2009 1:50	3800	20.220503	30.954239	46.688515
10/7/2009 1:55	3805	20.220213	30.952744	46.687847
10/7/2009 2:00	3810	20.221485	30.953232	46.690781
10/7/2009 2:05	3815	20.220213	30.954239	46.687847
10/7/2009 2:10	3820	20.221647	30.953232	46.691158
10/7/2009 2:15	3825	20.222456	30.954239	46.693024
10/7/2009 2:20	3830	20.222857	30.954758	46.693947
10/7/2009 2:25	3835	20.221424	30.954758	46.690639
10/7/2009 2:30	3840	20.221647	30.953232	46.691158
10/7/2009 2:35	3845	20.22171	30.955734	46.691303
10/7/2009 2:40	3850	20.222111	30.955215	46.692226
10/7/2009 2:45	3855	20.221886	30.953751	46.691708
10/7/2009 2:50	3860	20.221073	30.955215	46.689831
10/7/2009 2:55	3865	20.220213	30.954758	46.687847
10/7/2009 3:00	3870	20.221018	30.955215	46.689705
10/7/2009 3:05	3875	20.22154	30.951736	46.690914
10/7/2009 3:10	3880	20.219347	30.950729	46.685848
10/7/2009 3:15	3885	20.221252	30.953232	46.690243
10/7/2009 3:20	3890	20.220327	30.955215	46.68811
10/7/2009 3:25	3895	20.220444	30.952225	46.688377
10/7/2009 3:30	3900	20.220213	30.954758	46.687847
10/7/2009 3:35	3905	20.221018	30.953751	46.689705
10/7/2009 3:40	3910	20.219933	30.954758	46.687195
10/7/2009 3:45	3915	20.220503	30.952225	46.688515
10/7/2009 3:50	3920	20.218035	30.954758	46.682816
10/7/2009 3:55	3925	20.218838	30.954758	46.684669
10/7/2009 4:00	3930	20.218838	30.953232	46.684669
10/7/2009 4:05	3935	20.218435	30.951248	46.683743
10/7/2009 4:10	3940	20.216078	30.955734	46.678295
10/7/2009 4:15	3945	20.21809	30.950729	46.682941
10/7/2009 4:20	3950	20.217627	30.952744	46.681873
10/7/2009 4:25	3955	20.217512	30.953751	46.68161

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/7/2009 4:30	3960	20.215334	30.955215	46.676579
10/7/2009 4:35	3965	20.21579	30.953751	46.677631
10/7/2009 4:40	3970	20.215334	30.951736	46.676579
10/7/2009 4:45	3975	20.216078	30.952744	46.678295
10/7/2009 4:50	3980	20.212688	30.955734	46.670471
10/7/2009 4:55	3985	20.212343	30.954758	46.669674
10/7/2009 5:00	3990	20.212055	30.955215	46.66901
10/7/2009 5:05	3995	20.210506	30.953232	46.665432
10/7/2009 5:10	4000	20.21056	30.952744	46.665558
10/7/2009 5:15	4005	20.210739	30.955215	46.665974
10/7/2009 5:20	4010	20.209295	30.954239	46.662632
10/7/2009 5:25	4015	20.207918	30.953232	46.659454
10/7/2009 5:30	4020	20.207918	30.953751	46.659454
10/7/2009 5:35	4025	20.207344	30.954758	46.658131
10/7/2009 5:40	4030	20.207056	30.953232	46.657467
10/7/2009 5:45	4035	20.206081	30.954758	46.655216
10/7/2009 5:50	4040	20.206656	30.953232	46.656544
10/7/2009 5:55	4045	20.20413	30.953751	46.650711
10/7/2009 6:00	4050	20.203846	30.952744	46.650051
10/7/2009 6:05	4055	20.203728	30.954239	46.64978
10/7/2009 6:10	4060	20.201948	30.954758	46.645672
10/7/2009 6:15	4065	20.202055	30.955734	46.64592
10/7/2009 6:20	4070	20.199703	30.954239	46.640488
10/7/2009 6:25	4075	20.200504	30.955734	46.642338
10/7/2009 6:30	4080	20.200624	30.953232	46.642616
10/7/2009 6:35	4085	20.197918	30.953232	46.636368
10/7/2009 6:40	4090	20.198441	30.952225	46.637573
10/7/2009 6:45	4095	20.19746	30.952225	46.635311
10/7/2009 6:50	4100	20.196709	30.954758	46.633572
10/7/2009 6:55	4105	20.196709	30.953232	46.633572
10/7/2009 7:00	4110	20.194996	30.953232	46.62962
10/7/2009 7:05	4115	20.19545	30.952225	46.630665
10/7/2009 7:10	4120	20.194822	30.953751	46.629219
10/7/2009 7:15	4125	20.1931	30.954239	46.625244
10/7/2009 7:20	4130	20.190399	30.952225	46.619007
10/7/2009 7:25	4135	20.192003	30.954239	46.622711
10/7/2009 7:30	4140	20.190685	30.952225	46.619667
10/7/2009 7:35	4145	20.189362	30.956223	46.616611
10/7/2009 7:40	4150	20.189934	30.953751	46.617931
10/7/2009 7:45	4155	20.188038	30.954239	46.613556
10/7/2009 7:50	4160	20.186722	30.953232	46.610516
10/7/2009 7:55	4165	20.185341	30.955734	46.607327
10/7/2009 8:00	4170	20.183447	30.954239	46.602951
10/7/2009 8:05	4175	20.18442	30.953232	46.605202

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/7/2009 8:10	4180	20.182232	30.954239	46.600147
10/7/2009 8:15	4185	20.182123	30.950729	46.599895
10/7/2009 8:20	4190	20.181377	30.955215	46.598175
10/7/2009 8:25	4195	20.18091	30.954239	46.597095
10/7/2009 8:30	4200	20.179016	30.952744	46.592724
10/7/2009 8:35	4205	20.178381	30.952744	46.591259
10/7/2009 8:40	4210	20.175804	30.953232	46.585308
10/7/2009 8:45	4215	20.177011	30.955215	46.588097
10/7/2009 8:50	4220	20.174995	30.953751	46.583439
10/7/2009 8:55	4225	20.174536	30.954239	46.582378
10/7/2009 9:00	4230	20.174822	30.954239	46.583038
10/7/2009 9:05	4235	20.174307	30.952225	46.581848
10/7/2009 9:10	4240	20.172813	30.952744	46.578403
10/7/2009 9:15	4245	20.17149	30.951248	46.575344
10/7/2009 9:20	4250	20.17058	30.954758	46.573246
10/7/2009 9:25	4255	20.170166	30.954239	46.572289
10/7/2009 9:30	4260	20.170803	30.953232	46.573757
10/7/2009 9:35	4265	20.169598	30.955215	46.570972
10/7/2009 9:40	4270	20.169081	30.955734	46.569782
10/7/2009 9:45	4275	20.169081	30.951736	46.569782
10/7/2009 9:50	4280	20.170111	30.951736	46.572163
10/7/2009 9:55	4285	20.168852	30.954239	46.569256
10/7/2009 10:00	4290	20.16724	30.955215	46.565529
10/7/2009 10:05	4295	20.165401	30.952225	46.561287
10/7/2009 10:10	4300	20.166719	30.955734	46.564331
10/7/2009 10:15	4305	20.164314	30.952744	46.558773
10/7/2009 10:20	4310	20.164488	30.954758	46.559174
10/7/2009 10:25	4315	20.163967	30.952744	46.557972
10/7/2009 10:30	4320	20.164074	30.950241	46.55822
10/7/2009 10:35	4325	20.163679	30.954239	46.557312
10/7/2009 10:40	4330	20.162071	30.950241	46.5536
10/7/2009 10:45	4335	20.1619	30.954239	46.5532
10/7/2009 10:50	4340	20.1619	30.953751	46.5532
10/7/2009 10:55	4345	20.162474	30.951736	46.554527
10/7/2009 11:00	4350	20.164488	30.952744	46.559174
10/7/2009 11:05	4355	20.161495	30.954239	46.552265
10/7/2009 11:10	4360	20.16173	30.954758	46.552807
10/7/2009 11:15	4365	20.162006	30.952744	46.553448
10/7/2009 11:20	4370	20.160807	30.953232	46.550682
10/7/2009 11:25	4375	20.162245	30.955215	46.554001
10/7/2009 11:30	4380	20.162245	30.951736	46.554001
10/7/2009 11:35	4385	20.160978	30.955215	46.551075
10/7/2009 11:40	4390	20.161097	30.951736	46.551346
10/7/2009 11:45	4395	20.160925	30.954239	46.550953

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/7/2009 11:50	4400	20.161036	30.951248	46.551205
10/7/2009 11:55	4405	20.159597	30.954758	46.547886
10/7/2009 12:00	4410	20.16173	30.954239	46.552807
10/7/2009 12:05	4415	20.1619	30.954239	46.5532
10/7/2009 12:10	4420	20.160173	30.951736	46.549217
10/7/2009 12:15	4425	20.160345	30.952744	46.54961
10/7/2009 12:20	4430	20.160637	30.953232	46.550285
10/7/2009 12:25	4435	20.160696	30.954758	46.550423
10/7/2009 12:30	4440	20.162535	30.952744	46.554668
10/7/2009 12:35	4445	20.162006	30.953751	46.553448
10/7/2009 12:40	4450	20.162643	30.952225	46.55492
10/7/2009 12:45	4455	20.161377	30.954758	46.551994
10/7/2009 12:50	4460	20.162411	30.952744	46.554382
10/7/2009 12:55	4465	20.166149	30.954758	46.563015
10/7/2009 13:00	4470	20.165115	30.952225	46.560627
10/7/2009 13:05	4475	20.167297	30.952744	46.565666
10/7/2009 13:10	4480	20.166267	30.954239	46.563286
10/7/2009 13:15	4485	20.16477	30.953751	46.55983
10/7/2009 13:20	4490	20.167593	30.953751	46.566349
10/7/2009 13:25	4495	20.168283	30.953232	46.567944
10/7/2009 13:30	4500	20.168968	30.952744	46.569523
10/7/2009 13:35	4505	20.17046	30.951736	46.572968
10/7/2009 13:40	4510	20.171375	30.951736	46.575081
10/7/2009 13:45	4515	20.171375	30.953751	46.575081
10/7/2009 13:50	4520	20.17149	30.952225	46.575344
10/7/2009 13:55	4525	20.171324	30.950241	46.574959
10/7/2009 14:00	4530	20.172237	30.953232	46.577072
10/7/2009 14:05	4535	20.173157	30.952744	46.579193
10/7/2009 14:10	4540	20.173904	30.952744	46.580917
10/7/2009 14:15	4545	20.171202	30.952744	46.57468
10/7/2009 14:20	4550	20.175863	30.954239	46.585445
10/7/2009 14:25	4555	20.174421	30.954239	46.582115
10/7/2009 14:30	4560	20.174885	30.954758	46.583183
10/7/2009 14:35	4565	20.173502	30.951736	46.57999
10/7/2009 14:40	4570	20.174995	30.953232	46.583439
10/7/2009 14:45	4575	20.174658	30.951736	46.582661
10/7/2009 14:50	4580	20.175632	30.951248	46.584911
10/7/2009 14:55	4585	20.176266	30.951248	46.586372
10/7/2009 15:00	4590	20.173962	30.954758	46.581051
10/7/2009 15:05	4595	20.174252	30.952744	46.581722
10/7/2009 15:10	4600	20.174307	30.951736	46.581848
10/7/2009 15:15	4605	20.175684	30.952744	46.58503
10/7/2009 15:20	4610	20.172237	30.953751	46.577072
10/7/2009 15:25	4615	20.174307	30.950729	46.581848

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/7/2009 15:30	4620	20.173851	30.952225	46.580795
10/7/2009 15:35	4625	20.174885	30.952225	46.583183
10/7/2009 15:40	4630	20.175117	30.954239	46.583721
10/7/2009 15:45	4635	20.177238	30.952225	46.588619
10/7/2009 15:51	4641.7	20.174822	30.956741	46.583038
10/7/2009 15:56	4646.7	20.175224	30.954758	46.583969
10/7/2009 16:01	4651.7	20.17264	30.952225	46.577999
10/7/2009 16:06	4656.7	20.178324	30.952225	46.591125
10/7/2009 16:11	4661.7	20.175632	30.952225	46.584911
10/7/2009 16:16	4666.7	20.176035	30.952225	46.585838
10/7/2009 16:21	4671.7	20.17598	30.953232	46.585712
10/7/2009 16:26	4676.7	20.17557	30.951248	46.584766
10/7/2009 16:31	4681.7	20.179426	30.952225	46.593666
10/7/2009 16:36	4686.7	20.176266	30.954239	46.586372
10/7/2009 16:41	4691.7	20.178099	30.955215	46.590603
10/7/2009 16:46	4696.7	20.177238	30.951248	46.588619
10/7/2009 16:51	4701.7	20.17816	30.953232	46.590744
10/7/2009 16:56	4706.7	20.179016	30.951736	46.592724
10/7/2009 17:01	4711.7	20.176086	30.953232	46.585957
10/7/2009 17:06	4716.7	20.182123	30.953232	46.599895
10/7/2009 17:11	4721.7	20.177526	30.952744	46.589283
10/7/2009 17:16	4726.7	20.179937	30.956223	46.594849
10/7/2009 17:21	4731.7	20.178324	30.956741	46.591125
10/7/2009 17:26	4736.7	20.178501	30.949722	46.591534
10/7/2009 17:31	4741.7	20.177412	30.951736	46.58902
10/7/2009 17:36	4746.7	20.177296	30.951736	46.588753
10/7/2009 17:41	4751.7	20.178099	30.951736	46.590603
10/7/2009 17:46	4756.7	20.176607	30.951248	46.587158
10/7/2009 17:51	4761.7	20.178442	30.950729	46.5914
10/7/2009 17:56	4766.7	20.177927	30.950729	46.590206
10/7/2009 18:01	4771.7	20.177982	30.953751	46.590336
10/7/2009 18:06	4776.7	20.176203	30.951248	46.586227
10/7/2009 18:11	4781.7	20.176424	30.953232	46.586739
10/7/2009 18:16	4786.7	20.175632	30.953232	46.584911
10/7/2009 18:21	4791.7	20.175169	30.954239	46.583839
10/7/2009 18:26	4796.7	20.174936	30.952225	46.583302
10/7/2009 18:31	4801.7	20.173904	30.955215	46.580917
10/7/2009 18:36	4806.7	20.175461	30.953232	46.584511
10/7/2009 18:41	4811.7	20.174307	30.953232	46.581848
10/7/2009 18:46	4816.7	20.175287	30.952744	46.58411
10/7/2009 18:51	4821.7	20.174133	30.951736	46.581451
10/7/2009 18:56	4826.7	20.174133	30.949722	46.581451
10/7/2009 19:01	4831.7	20.17293	30.955215	46.578671
10/7/2009 19:06	4836.7	20.172182	30.951736	46.576942

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/7/2009 19:11	4841.7	20.171839	30.953232	46.576153
10/7/2009 19:16	4846.7	20.171726	30.954758	46.575893
10/7/2009 19:21	4851.7	20.169191	30.951736	46.570038
10/7/2009 19:26	4856.7	20.170111	30.952225	46.572163
10/7/2009 19:31	4861.7	20.170631	30.955215	46.573364
10/7/2009 19:36	4866.7	20.168732	30.954239	46.568977
10/7/2009 19:41	4871.7	20.169424	30.951248	46.570572
10/7/2009 19:46	4876.7	20.168385	30.951736	46.568172
10/7/2009 19:51	4881.7	20.167931	30.951736	46.567127
10/7/2009 19:56	4886.7	20.166553	30.950729	46.563946
10/7/2009 20:01	4891.7	20.167297	30.953232	46.565666
10/7/2009 20:06	4896.7	20.165401	30.955734	46.561287
10/7/2009 20:11	4901.7	20.166838	30.953751	46.564602
10/7/2009 20:16	4906.7	20.165518	30.952225	46.561558
10/7/2009 20:21	4911.7	20.16604	30.953232	46.562763
10/7/2009 20:26	4916.7	20.16604	30.951736	46.562763
10/7/2009 20:31	4921.7	20.166382	30.951736	46.563553
10/7/2009 20:36	4926.7	20.165348	30.953751	46.561165
10/7/2009 20:41	4931.7	20.165115	30.951248	46.560627
10/7/2009 20:46	4936.7	20.163391	30.951736	46.556648
10/7/2009 20:51	4941.7	20.163048	30.950241	46.555851
10/7/2009 20:56	4946.7	20.1623	30.94725	46.554127
10/7/2009 21:01	4951.7	20.160345	30.952744	46.54961
10/7/2009 21:06	4956.7	20.161612	30.950729	46.552536
10/7/2009 21:11	4961.7	20.161325	30.952744	46.551876
10/7/2009 21:16	4966.7	20.1569	30.952225	46.54166
10/7/2009 21:21	4971.7	20.158449	30.953232	46.545235
10/7/2009 21:26	4976.7	20.158846	30.952744	46.54615
10/7/2009 21:31	4981.7	20.157017	30.953232	46.541927
10/7/2009 21:36	4986.7	20.157473	30.952744	46.54298
10/7/2009 21:41	4991.7	20.15781	30.951248	46.543755
10/7/2009 21:46	4996.7	20.1569	30.953751	46.54166
10/7/2009 21:51	5001.7	20.156837	30.951736	46.541512
10/7/2009 21:56	5006.7	20.154655	30.954758	46.536476
10/7/2009 22:01	5011.7	20.154655	30.951736	46.536476
10/7/2009 22:06	5016.7	20.155064	30.952744	46.537418
10/7/2009 22:11	5021.7	20.154484	30.953232	46.536079
10/7/2009 22:16	5026.7	20.155003	30.951248	46.537277
10/7/2009 22:21	5031.7	20.154367	30.950729	46.535809
10/7/2009 22:26	5036.7	20.155407	30.952225	46.538212
10/7/2009 22:31	5041.7	20.154198	30.953751	46.535419
10/7/2009 22:36	5046.7	20.152824	30.953232	46.532249
10/7/2009 22:41	5051.7	20.15362	30.953232	46.534081
10/7/2009 22:46	5056.7	20.153393	30.949234	46.533558

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/7/2009 22:51	5061.7	20.152586	30.951248	46.531696
10/7/2009 22:56	5066.7	20.153164	30.954758	46.533031
10/7/2009 23:01	5071.7	20.15173	30.953751	46.52972
10/7/2009 23:06	5076.7	20.151848	30.950241	46.529991
10/7/2009 23:11	5081.7	20.150007	30.952744	46.525742
10/7/2009 23:16	5086.7	20.150059	30.953751	46.525864
10/7/2009 23:21	5091.7	20.149603	30.951736	46.524807
10/7/2009 23:26	5096.7	20.149714	30.955734	46.525063
10/7/2009 23:31	5101.7	20.150177	30.952225	46.526134
10/7/2009 23:36	5106.7	20.15057	30.953751	46.527042
10/7/2009 23:41	5111.7	20.149778	30.950729	46.525215
10/7/2009 23:46	5116.7	20.148964	30.953751	46.523335
10/7/2009 23:51	5121.7	20.149654	30.953232	46.524925
10/7/2009 23:56	5126.7	20.148739	30.952225	46.522816
10/8/2009 0:01	5131.7	20.146385	30.953232	46.51738
10/8/2009 0:06	5136.7	20.1469	30.952225	46.518566
10/8/2009 0:11	5141.7	20.147936	30.951736	46.520958
10/8/2009 0:16	5146.7	20.147009	30.950729	46.518818
10/8/2009 0:21	5151.7	20.145407	30.951248	46.515118
10/8/2009 0:26	5156.7	20.14558	30.951248	46.515518
10/8/2009 0:31	5161.7	20.145061	30.952225	46.514324
10/8/2009 0:36	5166.7	20.145458	30.951248	46.515236
10/8/2009 0:41	5171.7	20.144827	30.949234	46.513783
10/8/2009 0:46	5176.7	20.143629	30.953751	46.511017
10/8/2009 0:51	5181.7	20.144606	30.950729	46.513271
10/8/2009 0:56	5186.7	20.144035	30.950729	46.511951
10/8/2009 1:01	5191.7	20.142883	30.953751	46.509293
10/8/2009 1:06	5196.7	20.142305	30.951248	46.507957
10/8/2009 1:11	5201.7	20.143339	30.954758	46.510345
10/8/2009 1:16	5206.7	20.141497	30.951248	46.506092
10/8/2009 1:21	5211.7	20.140125	30.948746	46.502926
10/8/2009 1:26	5216.7	20.141212	30.952225	46.505432
10/8/2009 1:31	5221.7	20.138107	30.950729	46.498264
10/8/2009 1:36	5226.7	20.139206	30.951736	46.500805
10/8/2009 1:41	5231.7	20.136726	30.949722	46.495079
10/8/2009 1:46	5236.7	20.136959	30.951248	46.495617
10/8/2009 1:51	5241.7	20.138166	30.950729	46.498402
10/8/2009 1:56	5246.7	20.138166	30.950729	46.498402
10/8/2009 2:01	5251.7	20.137878	30.951736	46.497738
10/8/2009 2:06	5256.7	20.137022	30.951736	46.495758
10/8/2009 2:11	5261.7	20.136381	30.951248	46.494278
10/8/2009 2:16	5266.7	20.135693	30.952744	46.492691
10/8/2009 2:21	5271.7	20.13518	30.953232	46.491508
10/8/2009 2:26	5276.7	20.134089	30.951736	46.488987

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/8/2009 2:31	5281.7	20.135813	30.953232	46.492966
10/8/2009 2:36	5286.7	20.134838	30.951248	46.490719
10/8/2009 2:41	5291.7	20.135292	30.952225	46.491768
10/8/2009 2:46	5296.7	20.135582	30.951736	46.492435
10/8/2009 2:51	5301.7	20.13518	30.950729	46.491508
10/8/2009 2:56	5306.7	20.133974	30.953751	46.488724
10/8/2009 3:01	5311.7	20.133862	30.953232	46.488464
10/8/2009 3:06	5316.7	20.135235	30.950729	46.491634
10/8/2009 3:11	5321.7	20.133284	30.950729	46.487125
10/8/2009 3:16	5326.7	20.134142	30.950729	46.489109
10/8/2009 3:21	5331.7	20.133862	30.951248	46.488464
10/8/2009 3:26	5336.7	20.133862	30.952225	46.488464
10/8/2009 3:31	5341.7	20.133171	30.950729	46.486866
10/8/2009 3:36	5346.7	20.13213	30.951736	46.484463
10/8/2009 3:41	5351.7	20.131386	30.953232	46.482746
10/8/2009 3:46	5356.7	20.131683	30.950729	46.483433
10/8/2009 3:51	5361.7	20.132195	30.949234	46.484615
10/8/2009 3:56	5366.7	20.13242	30.952744	46.485134
10/8/2009 4:01	5371.7	20.131275	30.952744	46.482491
10/8/2009 4:06	5376.7	20.132082	30.954758	46.484352
10/8/2009 4:11	5381.7	20.13081	30.952225	46.481419
10/8/2009 4:16	5386.7	20.131216	30.951248	46.482357
10/8/2009 4:21	5391.7	20.127712	30.952225	46.474266
10/8/2009 4:26	5396.7	20.128344	30.950729	46.475723
10/8/2009 4:31	5401.7	20.128798	30.952225	46.476772
10/8/2009 4:36	5406.7	20.127136	30.953232	46.472935
10/8/2009 4:41	5411.7	20.125927	30.952225	46.470142
10/8/2009 4:46	5416.7	20.124949	30.952225	46.46788
10/8/2009 4:51	5421.7	20.125008	30.951248	46.468018
10/8/2009 4:56	5426.7	20.125299	30.951736	46.468693
10/8/2009 5:01	5431.7	20.123518	30.948227	46.464577
10/8/2009 5:06	5436.7	20.125406	30.949722	46.468941
10/8/2009 5:11	5441.7	20.124432	30.952225	46.46669
10/8/2009 5:16	5446.7	20.122419	30.952744	46.462044
10/8/2009 5:21	5451.7	20.122942	30.951248	46.463249
10/8/2009 5:26	5456.7	20.121851	30.951736	46.460732
10/8/2009 5:31	5461.7	20.121387	30.951736	46.459663
10/8/2009 5:36	5466.7	20.12306	30.951736	46.463524
10/8/2009 5:41	5471.7	20.121103	30.953232	46.459003
10/8/2009 5:46	5476.7	20.120705	30.950241	46.45808
10/8/2009 5:51	5481.7	20.118286	30.952225	46.452496
10/8/2009 5:56	5486.7	20.118917	30.953751	46.453957
10/8/2009 6:01	5491.7	20.118629	30.951248	46.453297
10/8/2009 6:06	5496.7	20.117313	30.953232	46.450253

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/8/2009 6:11	5501.7	20.117422	30.951248	46.450504
10/8/2009 6:16	5506.7	20.116678	30.950729	46.448788
10/8/2009 6:21	5511.7	20.117769	30.953232	46.451305
10/8/2009 6:26	5516.7	20.116909	30.948227	46.449318
10/8/2009 6:31	5521.7	20.112429	30.950241	46.438972
10/8/2009 6:36	5526.7	20.115124	30.949722	46.445198
10/8/2009 6:41	5531.7	20.11483	30.952225	46.444523
10/8/2009 6:46	5536.7	20.114548	30.951736	46.443867
10/8/2009 6:51	5541.7	20.112541	30.951736	46.439232
10/8/2009 6:56	5546.7	20.112429	30.953751	46.438972
10/8/2009 7:01	5551.7	20.11294	30.952225	46.440155
10/8/2009 7:06	5556.7	20.111219	30.954758	46.436184
10/8/2009 7:11	5561.7	20.112251	30.952225	46.438564
10/8/2009 7:16	5566.7	20.109903	30.950729	46.433144
10/8/2009 7:21	5571.7	20.110476	30.951248	46.434464
10/8/2009 7:26	5576.7	20.107719	30.951736	46.428101
10/8/2009 7:31	5581.7	20.105761	30.951736	46.423576
10/8/2009 7:36	5586.7	20.107138	30.950729	46.426758
10/8/2009 7:41	5591.7	20.103346	30.950729	46.418003
10/8/2009 7:46	5596.7	20.103174	30.951248	46.417606
10/8/2009 7:51	5601.7	20.102541	30.949722	46.416145
10/8/2009 7:56	5606.7	20.101738	30.952744	46.414291
10/8/2009 8:01	5611.7	20.10146	30.950729	46.413647
10/8/2009 8:06	5616.7	20.099209	30.951248	46.408447
10/8/2009 8:11	5621.7	20.100189	30.951248	46.410713
10/8/2009 8:16	5626.7	20.099899	30.953232	46.410046
10/8/2009 8:21	5631.7	20.098232	30.950241	46.406197
10/8/2009 8:26	5636.7	20.097317	30.952225	46.404079
10/8/2009 8:31	5641.7	20.096107	30.950729	46.401291
10/8/2009 8:36	5646.7	20.096914	30.951248	46.403156
10/8/2009 8:41	5651.7	20.09347	30.949722	46.395199
10/8/2009 8:46	5656.7	20.092888	30.949234	46.393856
10/8/2009 8:51	5661.7	20.091507	30.951248	46.390667
10/8/2009 8:56	5666.7	20.091625	30.950241	46.390942
10/8/2009 9:01	5671.7	20.091454	30.948227	46.390545
10/8/2009 9:06	5676.7	20.090651	30.951736	46.388691
10/8/2009 9:11	5681.7	20.089504	30.951736	46.386044
10/8/2009 9:16	5686.7	20.088694	30.953751	46.384171
10/8/2009 9:21	5691.7	20.087322	30.950241	46.381004
10/8/2009 9:26	5696.7	20.087034	30.955734	46.380341
10/8/2009 9:31	5701.7	20.086626	30.948746	46.379398
10/8/2009 9:36	5706.7	20.086226	30.952225	46.378475
10/8/2009 9:41	5711.7	20.085823	30.951736	46.377541
10/8/2009 9:46	5716.7	20.085768	30.952225	46.377415

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/8/2009 9:51	5721.7	20.086113	30.952225	46.378216
10/8/2009 9:56	5726.7	20.086113	30.951248	46.378216
10/8/2009 10:01	5731.7	20.084961	30.954239	46.375553
10/8/2009 10:06	5736.7	20.084385	30.953232	46.374222
10/8/2009 10:11	5741.7	20.085016	30.948746	46.375679
10/8/2009 10:16	5746.7	20.085249	30.949722	46.376217
10/8/2009 10:21	5751.7	20.083927	30.952225	46.373165
10/8/2009 10:26	5756.7	20.083063	30.950241	46.37117
10/8/2009 10:31	5761.7	20.083706	30.948227	46.372654
10/8/2009 10:36	5766.7	20.081745	30.948746	46.368126
10/8/2009 10:41	5771.7	20.08341	30.951248	46.371971
10/8/2009 10:46	5776.7	20.082548	30.950241	46.369984
10/8/2009 10:51	5781.7	20.083706	30.951248	46.372654
10/8/2009 10:56	5786.7	20.081396	30.952225	46.367321
10/8/2009 11:01	5791.7	20.083466	30.951248	46.372101
10/8/2009 11:06	5796.7	20.081745	30.948227	46.368126
10/8/2009 11:11	5801.7	20.081057	30.952225	46.366539
10/8/2009 11:16	5806.7	20.08036	30.953232	46.364929
10/8/2009 11:21	5811.7	20.080084	30.950241	46.364292
10/8/2009 11:26	5816.7	20.080481	30.953232	46.365204
10/8/2009 11:31	5821.7	20.079609	30.952225	46.363197
10/8/2009 11:36	5826.7	20.080536	30.952744	46.365334
10/8/2009 11:41	5831.7	20.078352	30.950241	46.360294
10/8/2009 11:46	5836.7	20.079048	30.949722	46.361897
10/8/2009 11:51	5841.7	20.078985	30.951248	46.361755
10/8/2009 11:56	5846.7	20.080536	30.949234	46.365334
10/8/2009 12:01	5851.7	20.079567	30.952225	46.363098
10/8/2009 12:06	5856.7	20.080021	30.949722	46.364143
10/8/2009 12:11	5861.7	20.081112	30.950729	46.366665
10/8/2009 12:16	5866.7	20.081627	30.952225	46.367851
10/8/2009 12:21	5871.7	20.081512	30.949722	46.367588
10/8/2009 12:26	5876.7	20.081112	30.950241	46.366665
10/8/2009 12:31	5881.7	20.080832	30.950241	46.36602
10/8/2009 12:36	5886.7	20.08289	30.949234	46.37077
10/8/2009 12:41	5891.7	20.083466	30.952225	46.372101
10/8/2009 12:46	5896.7	20.083982	30.951736	46.373295
10/8/2009 12:51	5901.7	20.084213	30.952744	46.373825
10/8/2009 12:56	5906.7	20.084385	30.949234	46.374222
10/8/2009 13:01	5911.7	20.085075	30.948746	46.375816
10/8/2009 13:06	5916.7	20.086344	30.949722	46.378746
10/8/2009 13:11	5921.7	20.087259	30.952225	46.380859
10/8/2009 13:16	5926.7	20.086975	30.952225	46.380203
10/8/2009 13:21	5931.7	20.087086	30.953751	46.380459
10/8/2009 13:26	5936.7	20.087833	30.949722	46.382187

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/8/2009 13:31	5941.7	20.087378	30.949722	46.38113
10/8/2009 13:36	5946.7	20.08847	30.949234	46.383656
10/8/2009 13:41	5951.7	20.089617	30.950241	46.386303
10/8/2009 13:46	5956.7	20.091112	30.949722	46.389755
10/8/2009 13:51	5961.7	20.090939	30.950241	46.389355
10/8/2009 13:56	5966.7	20.09071	30.952744	46.388824
10/8/2009 14:01	5971.7	20.090874	30.951248	46.389202
10/8/2009 14:06	5976.7	20.090361	30.948227	46.38802
10/8/2009 14:11	5981.7	20.091507	30.951736	46.390667
10/8/2009 14:16	5986.7	20.092033	30.949722	46.39188
10/8/2009 14:21	5991.7	20.092207	30.952744	46.392281
10/8/2009 14:26	5996.7	20.091507	30.950729	46.390667
10/8/2009 14:31	6001.7	20.092602	30.946732	46.393192
10/8/2009 14:36	6006.7	20.092316	30.948227	46.392532
10/8/2009 14:41	6011.7	20.092726	30.950241	46.393482
10/8/2009 14:46	6016.7	20.093521	30.949722	46.395317
10/8/2009 14:51	6021.7	20.093405	30.950729	46.395046
10/8/2009 14:56	6026.7	20.091219	30.949234	46.389999
10/8/2009 15:01	6031.7	20.09347	30.950241	46.395199
10/8/2009 15:15	6031.7	20.094097	30.950729	46.396648
10/8/2009 15:20	6036.7	20.127937	30.950241	46.474781
10/8/2009 15:25	6041.7	20.19729	30.952744	46.634918
10/8/2009 15:30	6046.7	20.261242	30.949722	46.782581
10/8/2009 15:35	6051.7	20.317835	30.948746	46.91325
10/8/2009 15:40	6056.7	20.36483	30.948227	47.021759
10/8/2009 15:45	6061.7	20.404936	30.949722	47.114365
10/8/2009 15:50	6066.7	20.439465	30.952744	47.194088
10/8/2009 15:55	6071.7	20.466986	30.947739	47.257637
10/8/2009 16:00	6076.7	20.494738	30.950729	47.321712
10/8/2009 16:05	6081.7	20.519094	30.950241	47.377953
10/8/2009 16:10	6086.7	20.540817	30.949722	47.428112
10/8/2009 16:15	6091.7	20.560297	30.948227	47.473087
10/8/2009 16:20	6096.7	20.579885	30.949234	47.518318
10/8/2009 16:25	6101.7	20.596493	30.948746	47.556664
10/8/2009 16:30	6106.7	20.612061	30.952225	47.592609
10/8/2009 16:35	6111.7	20.627626	30.951248	47.628548
10/8/2009 16:40	6116.7	20.641245	30.948746	47.659992
10/8/2009 16:45	6121.7	20.655092	30.953232	47.691967
10/8/2009 16:50	6126.7	20.667101	30.951736	47.719696
10/8/2009 16:55	6131.7	20.678127	30.950241	47.745155
10/8/2009 17:00	6136.7	20.689045	30.947739	47.770363
10/8/2009 17:05	6141.7	20.697372	30.94725	47.789593
10/8/2009 17:10	6146.7	20.708179	30.953751	47.814545
10/8/2009 17:15	6151.7	20.71829	30.949234	47.837891

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/8/2009 17:20	6156.7	20.727373	30.948746	47.858864
10/8/2009 17:25	6161.7	20.734726	30.949234	47.875839
10/8/2009 17:30	6166.7	20.743	30.949234	47.894943
10/8/2009 17:35	6171.7	20.749771	30.950241	47.910576
10/8/2009 17:40	6176.7	20.756498	30.949234	47.926113
10/8/2009 17:45	6181.7	20.764771	30.949234	47.94521
10/8/2009 17:50	6186.7	20.772295	30.948227	47.962585
10/8/2009 17:55	6191.7	20.775745	30.951248	47.970551
10/8/2009 18:00	6196.7	20.784649	30.951736	47.991112
10/8/2009 18:05	6201.7	20.791315	30.951248	48.0065
10/8/2009 18:10	6206.7	20.795795	30.950729	48.016846
10/8/2009 18:15	6211.7	20.800793	30.950729	48.028385
10/8/2009 18:20	6216.7	20.804417	30.952225	48.036755
10/8/2009 18:25	6221.7	20.810848	30.950729	48.051605
10/8/2009 18:30	6226.7	20.815102	30.951248	48.061424
10/8/2009 18:35	6231.7	20.819979	30.952225	48.072685
10/8/2009 18:40	6236.7	20.824059	30.949234	48.082108
10/8/2009 18:45	6241.7	20.828594	30.951736	48.092575
10/8/2009 18:50	6246.7	20.831875	30.951248	48.100155
10/8/2009 18:55	6251.7	20.836414	30.950241	48.110634
10/8/2009 19:00	6256.7	20.838713	30.948746	48.115944
10/8/2009 19:05	6261.7	20.841415	30.950729	48.122181
10/8/2009 19:10	6266.7	20.844913	30.950241	48.13026
10/8/2009 19:15	6271.7	20.847961	30.949722	48.137295
10/8/2009 19:20	6276.7	20.850138	30.950241	48.142323
10/8/2009 19:25	6281.7	20.854967	30.950241	48.153473
10/8/2009 19:30	6286.7	20.85779	30.952225	48.159988
10/8/2009 19:35	6291.7	20.860945	30.949234	48.167274
10/8/2009 19:40	6296.7	20.861866	30.951736	48.169403
10/8/2009 19:45	6301.7	20.865196	30.949234	48.17709
10/8/2009 19:50	6306.7	20.868073	30.949722	48.183735
10/8/2009 19:55	6311.7	20.869793	30.949722	48.187706
10/8/2009 20:00	6316.7	20.871225	30.947739	48.191013
10/8/2009 20:05	6321.7	20.875999	30.950241	48.202034
10/8/2009 20:10	6326.7	20.87697	30.951248	48.204277
10/8/2009 20:15	6331.7	20.878929	30.952225	48.208801
10/8/2009 20:20	6336.7	20.880707	30.951736	48.212906
10/8/2009 20:25	6341.7	20.882542	30.949234	48.21714
10/8/2009 20:30	6346.7	20.885702	30.951736	48.224442
10/8/2009 20:35	6351.7	20.885359	30.950729	48.223648
10/8/2009 20:40	6356.7	20.888288	30.950729	48.230412
10/8/2009 20:45	6361.7	20.890472	30.949722	48.235451
10/8/2009 20:50	6366.7	20.889671	30.949722	48.233604
10/8/2009 20:55	6371.7	20.892658	30.950729	48.240501

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/8/2009 21:00	6376.7	20.895533	30.948746	48.247139
10/8/2009 21:05	6381.7	20.897024	30.945236	48.25058
10/8/2009 21:10	6386.7	20.898691	30.951248	48.254429
10/8/2009 21:15	6391.7	20.899378	30.949234	48.25602
10/8/2009 21:20	6396.7	20.898636	30.950241	48.254303
10/8/2009 21:25	6401.7	20.901449	30.951248	48.260799
10/8/2009 21:30	6406.7	20.901051	30.951736	48.25988
10/8/2009 21:35	6411.7	20.902882	30.948746	48.264107
10/8/2009 21:40	6416.7	20.904722	30.951736	48.268356
10/8/2009 21:45	6421.7	20.905979	30.950241	48.271259
10/8/2009 21:50	6426.7	20.907015	30.951736	48.273647
10/8/2009 21:55	6431.7	20.907648	30.950729	48.275112
10/8/2009 22:00	6436.7	20.909666	30.952225	48.27977
10/8/2009 22:05	6441.7	20.91058	30.949722	48.281879
10/8/2009 22:10	6446.7	20.911047	30.952744	48.282959
10/8/2009 22:15	6451.7	20.913225	30.950729	48.287987
10/8/2009 22:20	6456.7	20.91363	30.947739	48.288921
10/8/2009 22:25	6461.7	20.916157	30.950729	48.294758
10/8/2009 22:30	6466.7	20.917532	30.949722	48.297932
10/8/2009 22:35	6471.7	20.918167	30.948227	48.299404
10/8/2009 22:40	6476.7	20.918741	30.951736	48.300728
10/8/2009 22:45	6481.7	20.920744	30.948227	48.305347
10/8/2009 22:50	6486.7	20.921154	30.950729	48.306297
10/8/2009 22:55	6491.7	20.924026	30.94725	48.312927
10/8/2009 23:00	6496.7	20.923798	30.948746	48.312401
10/8/2009 23:05	6501.7	20.924307	30.948746	48.313576
10/8/2009 23:10	6506.7	20.925922	30.950241	48.317307
10/8/2009 23:15	6511.7	20.926783	30.951248	48.319294
10/8/2009 23:20	6516.7	20.927645	30.951248	48.321285
10/8/2009 23:25	6521.7	20.92701	30.949722	48.319817
10/8/2009 23:30	6526.7	20.927074	30.949234	48.319965
10/8/2009 23:35	6531.7	20.928329	30.951248	48.322861
10/8/2009 23:40	6536.7	20.929258	30.948227	48.325008
10/8/2009 23:45	6541.7	20.931782	30.946213	48.330837
10/8/2009 23:50	6546.7	20.931437	30.948746	48.330036
10/8/2009 23:55	6551.7	20.93362	30.94725	48.335079
10/9/2009 0:00	6556.7	20.93351	30.950241	48.334827
10/9/2009 0:05	6561.7	20.933104	30.948227	48.333889
10/9/2009 0:10	6566.7	20.935286	30.949234	48.338924
10/9/2009 0:15	6571.7	20.936436	30.951736	48.341583
10/9/2009 0:20	6576.7	20.936256	30.949722	48.341167
10/9/2009 0:25	6581.7	20.939022	30.947739	48.347553
10/9/2009 0:30	6586.7	20.936951	30.949722	48.34277
10/9/2009 0:35	6591.7	20.938385	30.949234	48.346081

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/9/2009 0:40	6596.7	20.939363	30.951248	48.348339
10/9/2009 0:45	6601.7	20.938566	30.948227	48.3465
10/9/2009 0:50	6606.7	20.940397	30.949234	48.350727
10/9/2009 0:55	6611.7	20.940628	30.949722	48.351261
10/9/2009 1:00	6616.7	20.940681	30.950241	48.351387
10/9/2009 1:05	6621.7	20.94138	30.949234	48.352997
10/9/2009 1:10	6626.7	20.941837	30.950729	48.354053
10/9/2009 1:15	6631.7	20.941486	30.94725	48.353245
10/9/2009 1:20	6636.7	20.941433	30.947739	48.353123
10/9/2009 1:25	6641.7	20.941261	30.950241	48.352726
10/9/2009 1:30	6646.7	20.941725	30.952225	48.353794
10/9/2009 1:35	6651.7	20.942463	30.94725	48.355499
10/9/2009 1:40	6656.7	20.943497	30.949722	48.357883
10/9/2009 1:45	6661.7	20.941143	30.950241	48.352451
10/9/2009 1:50	6666.7	20.94442	30.948746	48.360016
10/9/2009 1:55	6671.7	20.945284	30.948746	48.362015
10/9/2009 2:00	6676.7	20.943558	30.94725	48.358025
10/9/2009 2:05	6681.7	20.946663	30.949722	48.365196
10/9/2009 2:10	6686.7	20.946604	30.949722	48.365063
10/9/2009 2:15	6691.7	20.9485	30.948227	48.369434
10/9/2009 2:20	6696.7	20.948551	30.949722	48.369553
10/9/2009 2:25	6701.7	20.947575	30.950729	48.367298
10/9/2009 2:30	6706.7	20.94821	30.949722	48.368771
10/9/2009 2:35	6711.7	20.949131	30.948746	48.370895
10/9/2009 2:40	6716.7	20.948269	30.951248	48.368904
10/9/2009 2:45	6721.7	20.948334	30.949234	48.369053
10/9/2009 2:50	6726.7	20.950338	30.949234	48.37368
10/9/2009 2:55	6731.7	20.951029	30.949722	48.375278
10/9/2009 3:00	6736.7	20.951485	30.951736	48.376328
10/9/2009 3:05	6741.7	20.95447	30.948746	48.383221
10/9/2009 3:10	6746.7	20.952984	30.949722	48.379787
10/9/2009 3:15	6751.7	20.952921	30.949722	48.379646
10/9/2009 3:20	6756.7	20.953045	30.949722	48.379929
10/9/2009 3:25	6761.7	20.955456	30.950241	48.385498
10/9/2009 3:30	6766.7	20.955627	30.949234	48.385895
10/9/2009 3:35	6771.7	20.955103	30.950241	48.384682
10/9/2009 3:40	6776.7	20.95476	30.951248	48.383892
10/9/2009 3:45	6781.7	20.953896	30.950241	48.381893
10/9/2009 3:50	6786.7	20.955162	30.949722	48.384819
10/9/2009 3:55	6791.7	20.954987	30.951736	48.384415
10/9/2009 4:00	6796.7	20.95557	30.949234	48.385761
10/9/2009 4:05	6801.7	20.955402	30.946213	48.385372
10/9/2009 4:10	6806.7	20.95752	30.949722	48.390263
10/9/2009 4:15	6811.7	20.957003	30.946732	48.389069

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/9/2009 4:20	6816.7	20.955627	30.950729	48.385895
10/9/2009 4:25	6821.7	20.956478	30.949234	48.387859
10/9/2009 4:30	6826.7	20.956823	30.949234	48.388657
10/9/2009 4:35	6831.7	20.957172	30.951248	48.389462
10/9/2009 4:40	6836.7	20.956823	30.945236	48.388657
10/9/2009 4:45	6841.7	20.95746	30.947739	48.390125
10/9/2009 4:50	6846.7	20.956541	30.949234	48.388004
10/9/2009 4:55	6851.7	20.95792	30.946213	48.391186
10/9/2009 5:00	6856.7	20.959293	30.949722	48.39436
10/9/2009 5:05	6861.7	20.959879	30.949234	48.39571
10/9/2009 5:10	6866.7	20.958784	30.948227	48.393185
10/9/2009 5:15	6871.7	20.959585	30.951248	48.395031
10/9/2009 5:20	6876.7	20.961538	30.949234	48.399544
10/9/2009 5:25	6881.7	20.959978	30.948227	48.395939
10/9/2009 5:30	6886.7	20.959761	30.948746	48.395435
10/9/2009 5:35	6891.7	20.960737	30.94725	48.397694
10/9/2009 5:40	6896.7	20.961086	30.949722	48.398495
10/9/2009 5:45	6901.7	20.963844	30.949722	48.404865
10/9/2009 5:50	6906.7	20.96217	30.948227	48.401001
10/9/2009 5:55	6911.7	20.96212	30.949234	48.400887
10/9/2009 6:00	6916.7	20.962631	30.949234	48.402061
10/9/2009 6:05	6921.7	20.962975	30.950729	48.402863
10/9/2009 6:10	6926.7	20.963034	30.950729	48.402996
10/9/2009 6:15	6931.7	20.963491	30.949234	48.404053
10/9/2009 6:20	6936.7	20.963375	30.951248	48.403786
10/9/2009 6:25	6941.7	20.964354	30.94725	48.406044
10/9/2009 6:30	6946.7	20.965906	30.947739	48.40963
10/9/2009 6:35	6951.7	20.964582	30.947739	48.40657
10/9/2009 6:40	6956.7	20.965103	30.947739	48.407772
10/9/2009 6:45	6961.7	20.96677	30.948746	48.411621
10/9/2009 6:50	6966.7	20.964531	30.950241	48.406452
10/9/2009 6:55	6971.7	20.966478	30.950729	48.41095
10/9/2009 7:00	6976.7	20.964474	30.950241	48.406322
10/9/2009 7:05	6981.7	20.966536	30.949234	48.411079
10/9/2009 7:10	6986.7	20.967285	30.949722	48.412811
10/9/2009 7:15	6991.7	20.967808	30.949234	48.414017
10/9/2009 7:20	6996.7	20.96694	30.949722	48.412018
10/9/2009 7:25	7001.7	20.967001	30.946213	48.412155
10/9/2009 7:30	7006.7	20.967173	30.949722	48.412552
10/9/2009 7:35	7011.7	20.966536	30.949722	48.411079
10/9/2009 7:40	7016.7	20.968042	30.949722	48.414558
10/9/2009 7:45	7021.7	20.965786	30.950729	48.409351
10/9/2009 7:50	7026.7	20.968203	30.947739	48.414932
10/9/2009 7:55	7031.7	20.968494	30.949722	48.415604

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/9/2009 8:00	7036.7	20.96751	30.950729	48.41333
10/9/2009 8:05	7041.7	20.96751	30.950729	48.41333
10/9/2009 8:10	7046.7	20.967459	30.949722	48.413212
10/9/2009 8:15	7051.7	20.96677	30.949234	48.411621
10/9/2009 8:20	7056.7	20.966139	30.949722	48.410164
10/9/2009 8:25	7061.7	20.967867	30.949234	48.414154
10/9/2009 8:30	7066.7	20.966885	30.949234	48.411888
10/9/2009 8:35	7071.7	20.965332	30.951248	48.408302
10/9/2009 8:40	7076.7	20.965275	30.949234	48.408169
10/9/2009 8:45	7081.7	20.966085	30.947739	48.410042
10/9/2009 8:50	7086.7	20.965561	30.948227	48.408833
10/9/2009 8:55	7091.7	20.965332	30.948746	48.408302
10/9/2009 9:00	7096.7	20.965103	30.948227	48.407772
10/9/2009 9:05	7101.7	20.96476	30.948746	48.406982
10/9/2009 9:10	7106.7	20.966305	30.947739	48.410549
10/9/2009 9:15	7111.7	20.964531	30.948227	48.406452
10/9/2009 9:20	7116.7	20.965733	30.948227	48.409229
10/9/2009 9:25	7121.7	20.965733	30.947739	48.409229
10/9/2009 9:30	7126.7	20.966085	30.947739	48.410042
10/9/2009 9:35	7131.7	20.964931	30.948746	48.407375
10/9/2009 9:40	7136.7	20.965561	30.948746	48.408833
10/9/2009 9:45	7141.7	20.965965	30.948746	48.409763
10/9/2009 9:50	7146.7	20.966885	30.949234	48.411888
10/9/2009 9:55	7151.7	20.96677	30.948227	48.411621
10/9/2009 10:00	7156.7	20.968895	30.950241	48.416527
10/9/2009 10:05	7161.7	20.967867	30.951736	48.414154
10/9/2009 10:10	7166.7	20.968664	30.945724	48.415997
10/9/2009 10:15	7171.7	20.970501	30.948227	48.420235
10/9/2009 10:20	7176.7	20.970436	30.948227	48.420086
10/9/2009 10:25	7181.7	20.970562	30.950241	48.420376
10/9/2009 10:30	7186.7	20.971535	30.94725	48.422623
10/9/2009 10:35	7191.7	20.971647	30.949722	48.422882
10/9/2009 10:40	7196.7	20.973148	30.949234	48.42635
10/9/2009 10:45	7201.7	20.972225	30.949234	48.424217
10/9/2009 10:50	7206.7	20.974178	30.949234	48.428726
10/9/2009 10:55	7211.7	20.973894	30.950241	48.428074
10/9/2009 11:00	7216.7	20.975729	30.949234	48.432308
10/9/2009 11:05	7221.7	20.976591	30.949722	48.434299
10/9/2009 11:10	7226.7	20.976309	30.949722	48.433647
10/9/2009 11:15	7231.7	20.976994	30.946732	48.43523
10/9/2009 11:20	7236.7	20.97562	30.948746	48.432056
10/9/2009 11:25	7241.7	20.977684	30.949722	48.436821
10/9/2009 11:30	7246.7	20.978205	30.947739	48.438026
10/9/2009 11:35	7251.7	20.980038	30.947739	48.442257

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/9/2009 11:40	7256.7	20.979637	30.949722	48.441334
10/9/2009 11:45	7261.7	20.982107	30.947739	48.447037
10/9/2009 11:50	7266.7	20.983145	30.947739	48.449432
10/9/2009 11:55	7271.7	20.980038	30.948227	48.442257
10/9/2009 12:00	7276.7	20.983664	30.950729	48.45063
10/9/2009 12:05	7281.7	20.983776	30.950729	48.45089
10/9/2009 12:10	7286.7	20.984175	30.949722	48.451809
10/9/2009 12:15	7291.7	20.985264	30.947739	48.454323
10/9/2009 12:20	7296.7	20.987738	30.950241	48.460033
10/9/2009 12:25	7301.7	20.988716	30.947739	48.462296
10/9/2009 12:30	7306.7	20.990385	30.949234	48.466148
10/9/2009 12:35	7311.7	20.992565	30.94725	48.47118
10/9/2009 12:40	7316.7	20.994003	30.949234	48.474506
10/9/2009 12:45	7321.7	20.993885	30.948746	48.474228
10/9/2009 12:50	7326.7	20.996067	30.951248	48.479267
10/9/2009 12:55	7331.7	20.996986	30.948746	48.481392
10/9/2009 13:00	7336.7	20.998426	30.947739	48.484715
10/9/2009 13:05	7341.7	20.998825	30.947739	48.485634
10/9/2009 13:10	7346.7	20.999805	30.948227	48.4879
10/9/2009 13:15	7351.7	21.002787	30.948746	48.494785
10/9/2009 13:20	7356.7	21.002098	30.949722	48.493195
10/9/2009 13:25	7361.7	21.003828	30.947739	48.497189
10/9/2009 13:30	7366.7	21.004227	30.948227	48.498108
10/9/2009 13:35	7371.7	21.006121	30.949234	48.50248
10/9/2009 13:40	7376.7	21.005774	30.949234	48.501678
10/9/2009 13:45	7381.7	21.007553	30.949722	48.505791
10/9/2009 13:50	7386.7	21.008654	30.94725	48.508327
10/9/2009 13:55	7391.7	21.009222	30.948746	48.509644
10/9/2009 14:00	7396.7	21.011633	30.950241	48.515213
10/9/2009 14:05	7401.7	21.013245	30.949234	48.518932
10/9/2009 14:10	7406.7	21.012384	30.949234	48.516945
10/9/2009 14:15	7411.7	21.015488	30.950241	48.524109
10/9/2009 14:20	7416.7	21.016066	30.950729	48.525444
10/9/2009 14:25	7421.7	21.018007	30.952225	48.529926
10/9/2009 14:30	7426.7	21.018703	30.948227	48.531536
10/9/2009 14:35	7431.7	21.01882	30.948746	48.531803
10/9/2009 14:40	7436.7	21.021635	30.948227	48.538303
10/9/2009 14:45	7441.7	21.023304	30.948227	48.542156
10/9/2009 14:50	7446.7	21.023701	30.948227	48.543072
10/9/2009 14:55	7451.7	21.025021	30.948227	48.54612
10/9/2009 15:00	7456.7	21.024559	30.949722	48.545055
10/9/2009 15:05	7461.7	21.027151	30.946732	48.551041
10/9/2009 15:10	7466.7	21.028013	30.94725	48.553032
10/9/2009 15:15	7471.7	21.027267	30.950241	48.551308

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/9/2009 15:20	7476.7	21.027552	30.94725	48.551964
10/9/2009 15:25	7481.7	21.027723	30.949234	48.552361
10/9/2009 15:30	7486.7	21.030136	30.949234	48.557934
10/9/2009 15:35	7491.7	21.032322	30.94725	48.562981
10/9/2009 15:40	7496.7	21.031628	30.950241	48.561375
10/9/2009 15:45	7501.7	21.033865	30.948746	48.566544
10/9/2009 15:50	7506.7	21.033758	30.947739	48.566296
10/9/2009 15:55	7511.7	21.034956	30.948227	48.569061
10/9/2009 16:00	7516.7	21.0368	30.946732	48.573322
10/9/2009 16:05	7521.7	21.036974	30.946213	48.573723
10/9/2009 16:10	7526.7	21.037724	30.948746	48.575451
10/9/2009 16:15	7531.7	21.036974	30.945724	48.573723
10/9/2009 16:20	7536.7	21.039152	30.947739	48.578751
10/9/2009 16:25	7541.7	21.040186	30.949722	48.581139
10/9/2009 16:30	7546.7	21.042784	30.948746	48.587139
10/9/2009 16:35	7551.7	21.041338	30.949234	48.583797
10/9/2009 16:40	7556.7	21.044447	30.949234	48.590977
10/9/2009 16:45	7561.7	21.043692	30.948227	48.58923
10/9/2009 16:50	7566.7	21.046047	30.950241	48.594673
10/9/2009 16:55	7571.7	21.046047	30.950241	48.594673
10/9/2009 17:00	7576.7	21.046791	30.946732	48.596386
10/9/2009 17:05	7581.7	21.045986	30.947739	48.594532
10/9/2009 17:10	7586.7	21.048283	30.94725	48.599834
10/9/2009 17:15	7591.7	21.049271	30.949722	48.602112
10/9/2009 17:20	7596.7	21.050245	30.94725	48.604366
10/9/2009 17:25	7601.7	21.049786	30.947739	48.603306
10/9/2009 17:30	7606.7	21.049896	30.94725	48.603558
10/9/2009 17:35	7611.7	21.051392	30.948746	48.607014
10/9/2009 17:40	7616.7	21.050756	30.948746	48.605541
10/9/2009 17:45	7621.7	21.052774	30.950729	48.610203
10/9/2009 17:50	7626.7	21.052774	30.949234	48.610203
10/9/2009 17:55	7631.7	21.054836	30.945236	48.614964
10/9/2009 18:00	7636.7	21.054903	30.951248	48.615116
10/9/2009 18:05	7641.7	21.054726	30.949234	48.614708
10/9/2009 18:10	7646.7	21.054436	30.945236	48.61404
10/9/2009 18:15	7651.7	21.055702	30.951248	48.616962
10/9/2009 18:20	7656.7	21.055702	30.949234	48.616962
10/9/2009 18:25	7661.7	21.054783	30.94725	48.614841
10/9/2009 18:30	7666.7	21.055651	30.947739	48.616848
10/9/2009 18:35	7671.7	21.05691	30.946732	48.619755
10/9/2009 18:40	7676.7	21.056854	30.951736	48.619625
10/9/2009 18:45	7681.7	21.056564	30.948746	48.618954
10/9/2009 18:50	7686.7	21.055473	30.950729	48.616436
10/9/2009 18:55	7691.7	21.05599	30.946213	48.61763

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/9/2009 19:00	7696.7	21.056738	30.94725	48.619354
10/9/2009 19:05	7701.7	21.058004	30.948227	48.62228
10/9/2009 19:10	7706.7	21.057714	30.947739	48.621613
10/9/2009 19:15	7711.7	21.057076	30.948227	48.620136
10/9/2009 19:20	7716.7	21.057768	30.945236	48.621735
10/9/2009 19:25	7721.7	21.057425	30.948227	48.620937
10/9/2009 19:30	7726.7	21.05794	30.951736	48.622131
10/9/2009 19:35	7731.7	21.057251	30.948227	48.620537
10/9/2009 19:40	7736.7	21.056797	30.946213	48.619492
10/9/2009 19:45	7741.7	21.057768	30.94725	48.621735
10/9/2009 19:50	7746.7	21.056625	30.949234	48.619095
10/9/2009 19:55	7751.7	21.055241	30.945724	48.615898
10/9/2009 20:00	7756.7	21.057888	30.947739	48.622013
10/9/2009 20:05	7761.7	21.058004	30.948746	48.62228
10/9/2009 20:10	7766.7	21.058224	30.948227	48.622784
10/9/2009 20:15	7771.7	21.057661	30.948746	48.62149
10/9/2009 20:20	7776.7	21.056219	30.948227	48.618156
10/9/2009 20:25	7781.7	21.05932	30.949234	48.62532
10/9/2009 20:30	7786.7	21.058689	30.947739	48.623859
10/9/2009 20:35	7791.7	21.059261	30.94725	48.625183
10/9/2009 20:40	7796.7	21.059496	30.950241	48.625725
10/9/2009 20:45	7801.7	21.05932	30.949234	48.62532
10/9/2009 20:50	7806.7	21.05909	30.946732	48.624786
10/9/2009 20:55	7811.7	21.060535	30.94725	48.628124
10/9/2009 21:00	7816.7	21.05887	30.948227	48.624279
10/9/2009 21:05	7821.7	21.060179	30.947739	48.6273
10/9/2009 21:10	7826.7	21.059727	30.948227	48.626255
10/9/2009 21:15	7831.7	21.059378	30.948227	48.62545
10/9/2009 21:20	7836.7	21.06139	30.94725	48.630096
10/9/2009 21:25	7841.7	21.058626	30.948227	48.623714
10/9/2009 21:30	7846.7	21.061447	30.946732	48.63023
10/9/2009 21:35	7851.7	21.062136	30.948746	48.631817
10/9/2009 21:40	7856.7	21.061735	30.947739	48.630894
10/9/2009 21:45	7861.7	21.061043	30.945236	48.629295
10/9/2009 21:50	7866.7	21.06093	30.949722	48.629036
10/9/2009 21:55	7871.7	21.061447	30.945724	48.63023
10/9/2009 22:00	7876.7	21.061562	30.949722	48.630493
10/9/2009 22:05	7881.7	21.06139	30.949234	48.630096
10/9/2009 22:10	7886.7	21.061447	30.946732	48.63023
10/9/2009 22:15	7891.7	21.063229	30.949234	48.634342
10/9/2009 22:20	7896.7	21.06225	30.94725	48.632084
10/9/2009 22:25	7901.7	21.063452	30.948227	48.634861
10/9/2009 22:30	7906.7	21.064495	30.949234	48.637268
10/9/2009 22:35	7911.7	21.064091	30.946732	48.636333

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/9/2009 22:40	7916.7	21.062595	30.949234	48.632877
10/9/2009 22:45	7921.7	21.062197	30.946732	48.631958
10/9/2009 22:50	7926.7	21.063169	30.947739	48.634209
10/9/2009 22:55	7931.7	21.062481	30.951248	48.632614
10/9/2009 23:00	7936.7	21.063057	30.945724	48.633945
10/9/2009 23:05	7941.7	21.066912	30.950241	48.642845
10/9/2009 23:10	7946.7	21.066618	30.946732	48.64217
10/9/2009 23:15	7951.7	21.065414	30.949234	48.639389
10/9/2009 23:20	7956.7	21.067476	30.948227	48.644154
10/9/2009 23:25	7961.7	21.067938	30.948746	48.645214
10/9/2009 23:30	7966.7	21.068745	30.948227	48.647079
10/9/2009 23:35	7971.7	21.068745	30.949234	48.647079
10/9/2009 23:40	7976.7	21.069607	30.948746	48.649067
10/9/2009 23:45	7981.7	21.069607	30.946732	48.649067
10/9/2009 23:50	7986.7	21.070179	30.947739	48.650391
10/9/2009 23:55	7991.7	21.070292	30.946213	48.65065
10/10/2009 0:00	7996.7	21.070757	30.944717	48.651722
10/10/2009 0:05	8001.7	21.072018	30.949234	48.654636
10/10/2009 0:10	8006.7	21.071844	30.949722	48.654236
10/10/2009 0:15	8011.7	21.072418	30.94725	48.65556
10/10/2009 0:20	8016.7	21.072481	30.949234	48.655704
10/10/2009 0:25	8021.7	21.073742	30.948746	48.658615
10/10/2009 0:30	8026.7	21.071962	30.948746	48.654507
10/10/2009 0:35	8031.7	21.074083	30.949234	48.659405
10/10/2009 0:40	8036.7	21.073969	30.950241	48.659142
10/10/2009 0:45	8041.7	21.074083	30.949234	48.659405
10/10/2009 0:50	8046.7	21.073341	30.948746	48.657692
10/10/2009 0:55	8051.7	21.074083	30.950729	48.659405
10/10/2009 1:00	8056.7	21.073509	30.946732	48.658077
10/10/2009 1:05	8061.7	21.073341	30.949234	48.657692
10/10/2009 1:10	8066.7	21.072819	30.948746	48.656487
10/10/2009 1:15	8071.7	21.074257	30.948227	48.659805
10/10/2009 1:20	8076.7	21.074146	30.948746	48.659554
10/10/2009 1:25	8081.7	21.074661	30.949234	48.66074
10/10/2009 1:30	8086.7	21.07472	30.949234	48.660877
10/10/2009 1:35	8091.7	21.074146	30.94725	48.659554
10/10/2009 1:40	8096.7	21.074484	30.950241	48.660332
10/10/2009 1:45	8101.7	21.075697	30.94725	48.663132
10/10/2009 1:50	8106.7	21.076153	30.94371	48.664185
10/10/2009 1:55	8111.7	21.076382	30.949234	48.664711
10/10/2009 2:00	8116.7	21.075066	30.948746	48.661674
10/10/2009 2:05	8121.7	21.076559	30.947739	48.665123
10/10/2009 2:10	8126.7	21.076214	30.948746	48.664322
10/10/2009 2:15	8131.7	21.07863	30.948227	48.669907

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/10/2009 2:20	8136.7	21.077702	30.947739	48.667759
10/10/2009 2:25	8141.7	21.079319	30.950729	48.671494
10/10/2009 2:30	8146.7	21.079025	30.946732	48.670815
10/10/2009 2:35	8151.7	21.079483	30.946213	48.671875
10/10/2009 2:40	8156.7	21.080462	30.946213	48.674133
10/10/2009 2:45	8161.7	21.080349	30.947739	48.673874
10/10/2009 2:50	8166.7	21.083504	30.946732	48.681156
10/10/2009 2:55	8171.7	21.083334	30.945724	48.680763
10/10/2009 3:00	8176.7	21.084084	30.946732	48.682495
10/10/2009 3:05	8181.7	21.083849	30.947739	48.681953
10/10/2009 3:10	8186.7	21.084826	30.946213	48.684212
10/10/2009 3:15	8191.7	21.079082	30.946213	48.670948
10/10/2009 3:20	8196.7	21.084145	30.946213	48.682636
10/10/2009 3:25	8201.7	21.082941	30.94725	48.679859
10/10/2009 3:30	8206.7	21.083683	30.948227	48.681572
10/10/2009 3:35	8211.7	21.08448	30.946732	48.683411
10/10/2009 3:40	8216.7	21.08477	30.946732	48.684082
10/10/2009 3:45	8221.7	21.084368	30.948746	48.683151
10/10/2009 3:50	8226.7	21.084826	30.948746	48.684212
10/10/2009 3:55	8231.7	21.085348	30.946732	48.685417
10/10/2009 4:00	8236.7	21.085922	30.946732	48.686737
10/10/2009 4:05	8241.7	21.085114	30.946732	48.684875
10/10/2009 4:10	8246.7	21.084602	30.951248	48.683693
10/10/2009 4:15	8251.7	21.085114	30.949722	48.684875
10/10/2009 4:20	8256.7	21.086842	30.943222	48.688862
10/10/2009 4:25	8261.7	21.087875	30.946732	48.69125
10/10/2009 4:30	8266.7	21.087473	30.946732	48.690323
10/10/2009 4:35	8271.7	21.088621	30.94725	48.69297
10/10/2009 4:40	8276.7	21.088392	30.945724	48.692444
10/10/2009 4:45	8281.7	21.088221	30.947739	48.692047
10/10/2009 4:50	8286.7	21.088566	30.944717	48.692844
10/10/2009 4:55	8291.7	21.089025	30.945724	48.693909
10/10/2009 5:00	8296.7	21.088737	30.945236	48.693241
10/10/2009 5:05	8301.7	21.088799	30.949234	48.693382
10/10/2009 5:10	8306.7	21.089777	30.94725	48.695641
10/10/2009 5:15	8311.7	21.088675	30.946732	48.693092
10/10/2009 5:20	8316.7	21.090572	30.948746	48.697479
10/10/2009 5:25	8321.7	21.090693	30.950729	48.697754
10/10/2009 5:30	8326.7	21.09236	30.945724	48.701603
10/10/2009 5:35	8331.7	21.090286	30.947739	48.696819
10/10/2009 5:40	8336.7	21.090921	30.94725	48.698284
10/10/2009 5:45	8341.7	21.090513	30.947739	48.697342
10/10/2009 5:50	8346.7	21.091381	30.945236	48.699345
10/10/2009 5:55	8351.7	21.089197	30.946732	48.694305

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/10/2009 6:00	8356.7	21.092129	30.94725	48.701073
10/10/2009 6:05	8361.7	21.09293	30.950241	48.702923
10/10/2009 6:10	8366.7	21.092295	30.948227	48.701454
10/10/2009 6:15	8371.7	21.092693	30.948746	48.702374
10/10/2009 6:20	8376.7	21.093155	30.947739	48.703442
10/10/2009 6:25	8381.7	21.092756	30.94725	48.702522
10/10/2009 6:30	8386.7	21.094023	30.948227	48.705444
10/10/2009 6:35	8391.7	21.093216	30.948746	48.703583
10/10/2009 6:40	8396.7	21.092756	30.946732	48.702522
10/10/2009 6:45	8401.7	21.093155	30.944229	48.703442
10/10/2009 6:50	8406.7	21.09293	30.946213	48.702923
10/10/2009 6:55	8411.7	21.092474	30.94725	48.701866
10/10/2009 7:00	8416.7	21.092525	30.94725	48.701984
10/10/2009 7:05	8421.7	21.091955	30.947739	48.700672
10/10/2009 7:10	8426.7	21.094658	30.946213	48.706909
10/10/2009 7:15	8431.7	21.093966	30.94725	48.705311
10/10/2009 7:20	8436.7	21.093439	30.948227	48.704098
10/10/2009 7:25	8441.7	21.093966	30.949722	48.705311
10/10/2009 7:30	8446.7	21.093792	30.945236	48.70491
10/10/2009 7:35	8451.7	21.093155	30.945236	48.703442
10/10/2009 7:40	8456.7	21.093855	30.950241	48.705055
10/10/2009 7:45	8461.7	21.092642	30.948227	48.702255
10/10/2009 7:50	8466.7	21.093674	30.946213	48.704639
10/10/2009 7:55	8471.7	21.09362	30.948746	48.704517
10/10/2009 8:00	8476.7	21.09437	30.946732	48.706245
10/10/2009 8:05	8481.7	21.092413	30.948227	48.701725
10/10/2009 8:10	8486.7	21.092819	30.944717	48.702663
10/10/2009 8:15	8491.7	21.09293	30.945236	48.702923
10/10/2009 8:20	8496.7	21.092642	30.946213	48.702255
10/10/2009 8:25	8501.7	21.093557	30.948227	48.704369
10/10/2009 8:30	8506.7	21.093155	30.946213	48.703442
10/10/2009 8:35	8511.7	21.093439	30.948227	48.704098
10/10/2009 8:40	8516.7	21.092585	30.944229	48.702122
10/10/2009 8:45	8521.7	21.09293	30.947739	48.702923
10/10/2009 8:50	8526.7	21.093674	30.946732	48.704639
10/10/2009 8:55	8531.7	21.094137	30.947739	48.705708
10/10/2009 9:00	8536.7	21.09339	30.947739	48.703983
10/10/2009 9:05	8541.7	21.094826	30.949234	48.707298
10/10/2009 9:10	8546.7	21.093966	30.947739	48.705311
10/10/2009 9:15	8551.7	21.093792	30.950241	48.70491
10/10/2009 9:20	8556.7	21.095566	30.946213	48.709007
10/10/2009 9:25	8561.7	21.096201	30.945724	48.710476
10/10/2009 9:30	8566.7	21.096722	30.949234	48.711678
10/10/2009 9:35	8571.7	21.096321	30.94725	48.710754

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/10/2009 9:40	8576.7	21.095743	30.944717	48.709419
10/10/2009 9:45	8581.7	21.096149	30.946732	48.710354
10/10/2009 9:50	8586.7	21.098213	30.946732	48.715122
10/10/2009 9:55	8591.7	21.096609	30.94725	48.711414
10/10/2009 10:00	8596.7	21.098675	30.946213	48.716187
10/10/2009 10:05	8601.7	21.0977	30.945724	48.713936
10/10/2009 10:10	8606.7	21.09959	30.944229	48.7183
10/10/2009 10:15	8611.7	21.100052	30.945236	48.719368
10/10/2009 10:20	8616.7	21.100977	30.94725	48.7215
10/10/2009 10:25	8621.7	21.101662	30.946732	48.723083
10/10/2009 10:30	8626.7	21.101206	30.947739	48.722031
10/10/2009 10:35	8631.7	21.102295	30.944717	48.724545
10/10/2009 10:40	8636.7	21.101837	30.945724	48.723488
10/10/2009 10:45	8641.7	21.103851	30.945724	48.728138
10/10/2009 10:50	8646.7	21.104532	30.948746	48.72971
10/10/2009 10:55	8651.7	21.104939	30.947739	48.730648
10/10/2009 11:00	8656.7	21.105572	30.945236	48.732109
10/10/2009 11:05	8661.7	21.10574	30.947739	48.732498
10/10/2009 11:10	8666.7	21.10574	30.948227	48.732498
10/10/2009 11:15	8671.7	21.10643	30.94725	48.734093
10/10/2009 11:20	8676.7	21.105684	30.944717	48.732368
10/10/2009 11:25	8681.7	21.106657	30.946732	48.734619
10/10/2009 11:30	8686.7	21.108385	30.945724	48.738605
10/10/2009 11:35	8691.7	21.107405	30.948227	48.736343
10/10/2009 11:40	8696.7	21.109364	30.944717	48.740868
10/10/2009 11:45	8701.7	21.108616	30.946732	48.73914
10/10/2009 11:50	8706.7	21.110106	30.948227	48.74258
10/10/2009 11:55	8711.7	21.111719	30.947739	48.746304
10/10/2009 12:00	8716.7	21.111366	30.944229	48.745491
10/10/2009 12:05	8721.7	21.113152	30.945724	48.749611
10/10/2009 12:10	8726.7	21.112984	30.946213	48.749226
10/10/2009 12:15	8731.7	21.113264	30.947739	48.749874
10/10/2009 12:20	8736.7	21.112984	30.946732	48.749226
10/10/2009 12:25	8741.7	21.115107	30.947739	48.754128
10/10/2009 12:30	8746.7	21.118153	30.946213	48.761158
10/10/2009 12:35	8751.7	21.115107	30.946732	48.754128
10/10/2009 12:40	8756.7	21.117689	30.946732	48.76009
10/10/2009 12:45	8761.7	21.12039	30.948746	48.766327
10/10/2009 12:50	8766.7	21.120504	30.946732	48.76659
10/10/2009 12:55	8771.7	21.123955	30.945724	48.774555
10/10/2009 13:00	8776.7	21.123325	30.947739	48.773106
10/10/2009 13:05	8781.7	21.124237	30.946213	48.775211
10/10/2009 13:10	8786.7	21.125729	30.94725	48.778652
10/10/2009 13:15	8791.7	21.127167	30.945236	48.781975

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/10/2009 13:20	8796.7	21.129129	30.944229	48.786507
10/10/2009 13:25	8801.7	21.129185	30.948227	48.786629
10/10/2009 13:30	8806.7	21.13205	30.945236	48.793243
10/10/2009 13:35	8811.7	21.133144	30.945236	48.795776
10/10/2009 13:40	8816.7	21.133144	30.946213	48.795776
10/10/2009 13:45	8821.7	21.134119	30.948227	48.798027
10/10/2009 13:50	8826.7	21.13636	30.945236	48.8032
10/10/2009 13:55	8831.7	21.136709	30.945236	48.804008
10/10/2009 14:00	8836.7	21.138376	30.948227	48.807858
10/10/2009 14:05	8841.7	21.137686	30.94725	48.806263
10/10/2009 14:10	8846.7	21.139866	30.944717	48.811295
10/10/2009 14:15	8851.7	21.140148	30.948227	48.811947
10/10/2009 14:20	8856.7	21.140207	30.949234	48.812084
10/10/2009 14:25	8861.7	21.141304	30.947739	48.814613
10/10/2009 14:30	8866.7	21.141582	30.946213	48.815258
10/10/2009 14:35	8871.7	21.141582	30.948227	48.815258
10/10/2009 14:40	8876.7	21.138544	30.947739	48.808243
10/10/2009 14:45	8881.7	21.145611	30.947739	48.824558
10/10/2009 14:50	8886.7	21.145952	30.946732	48.825352
10/10/2009 14:55	8891.7	21.14607	30.94725	48.825623
10/10/2009 15:00	8896.7	21.14521	30.945724	48.823635
10/10/2009 15:05	8901.7	21.146416	30.946213	48.826416
10/10/2009 15:10	8906.7	21.149405	30.945236	48.833321
10/10/2009 15:15	8911.7	21.149576	30.94725	48.833714
10/10/2009 15:20	8916.7	21.146582	30.945236	48.826801
10/10/2009 15:25	8921.7	21.15119	30.948227	48.837444
10/10/2009 15:30	8926.7	21.15308	30.947739	48.841808
10/10/2009 15:35	8931.7	21.153419	30.947739	48.84259
10/10/2009 15:40	8936.7	21.149103	30.949722	48.832626
10/10/2009 15:45	8941.7	21.155552	30.94725	48.847515
10/10/2009 15:50	8946.7	21.156755	30.945236	48.850292
10/10/2009 15:55	8951.7	21.157276	30.948746	48.851494
10/10/2009 16:00	8956.7	21.157448	30.946732	48.851891
10/10/2009 16:05	8961.7	21.158253	30.943222	48.853752
10/10/2009 16:10	8966.7	21.161297	30.944717	48.860779
10/10/2009 16:15	8971.7	21.161297	30.94725	48.860779
10/10/2009 16:20	8976.7	21.161526	30.945236	48.861305
10/10/2009 16:25	8981.7	21.161749	30.944229	48.86182
10/10/2009 16:30	8986.7	21.162682	30.947739	48.863976
10/10/2009 16:35	8991.7	21.163132	30.946213	48.865013
10/10/2009 16:40	8996.7	21.164223	30.944229	48.867535
10/10/2009 16:45	9001.7	21.167156	30.94725	48.874306
10/10/2009 16:50	9006.7	21.163307	30.944229	48.865417
10/10/2009 16:55	9011.7	21.164976	30.945236	48.869274

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/10/2009 17:00	9016.7	21.166121	30.945236	48.871918
10/10/2009 17:05	9021.7	21.167091	30.946732	48.874157
10/10/2009 17:10	9026.7	21.168015	30.945724	48.876289
10/10/2009 17:15	9031.7	21.168823	30.945724	48.878159
10/10/2009 17:20	9036.7	21.168934	30.945236	48.878414
10/10/2009 17:25	9041.7	21.170313	30.947739	48.881596
10/10/2009 17:30	9046.7	21.168243	30.945724	48.876816
10/10/2009 17:35	9051.7	21.168531	30.943222	48.877483
10/10/2009 17:40	9056.7	21.167501	30.948227	48.875107
10/10/2009 17:45	9061.7	21.16968	30.946732	48.880135
10/10/2009 17:50	9066.7	21.169567	30.945236	48.879875
10/10/2009 17:55	9071.7	21.170145	30.946213	48.88121
10/10/2009 18:00	9076.7	21.171457	30.943222	48.884239
10/10/2009 18:05	9081.7	21.171984	30.945236	48.885456
10/10/2009 18:10	9086.7	21.172211	30.946732	48.885979
10/10/2009 18:15	9091.7	21.170254	30.946213	48.881458
10/10/2009 18:20	9096.7	21.169003	30.948227	48.878571
10/10/2009 18:25	9101.7	21.171066	30.947739	48.883335
10/10/2009 18:30	9106.7	21.171751	30.944717	48.884918
10/10/2009 18:35	9111.7	21.171984	30.94725	48.885456
10/10/2009 18:40	9116.7	21.172211	30.946213	48.885979
10/10/2009 18:45	9121.7	21.171984	30.948227	48.885456
10/10/2009 18:50	9126.7	21.172039	30.949234	48.885582
10/10/2009 18:55	9131.7	21.171923	30.944717	48.885315
10/10/2009 19:00	9136.7	21.172838	30.945724	48.887428
10/10/2009 19:05	9141.7	21.172838	30.948227	48.887428
10/10/2009 19:10	9146.7	21.171984	30.946732	48.885456
10/10/2009 19:15	9151.7	21.170664	30.947739	48.882408
10/10/2009 19:20	9156.7	21.165932	30.946732	48.871479
10/10/2009 19:25	9161.7	21.170944	30.947739	48.883053
10/10/2009 19:30	9166.7	21.170832	30.947739	48.882793
10/10/2009 19:35	9171.7	21.172092	30.944717	48.885704
10/10/2009 19:40	9176.7	21.171635	30.945724	48.884647
10/10/2009 19:45	9181.7	21.171007	30.94725	48.883198
10/10/2009 19:50	9186.7	21.171574	30.944229	48.884506
10/10/2009 19:55	9191.7	21.171234	30.94725	48.88372
10/10/2009 20:00	9196.7	21.172155	30.945236	48.885849
10/10/2009 20:05	9201.7	21.170889	30.946213	48.882927
10/10/2009 20:10	9206.7	21.171402	30.947739	48.884109
10/10/2009 20:15	9211.7	21.171066	30.944717	48.883335
10/10/2009 20:20	9216.7	21.17169	30.945724	48.884777
10/10/2009 20:25	9221.7	21.172211	30.946213	48.885979
10/10/2009 20:30	9226.7	21.171635	30.944229	48.884647
10/10/2009 20:35	9231.7	21.171007	30.944717	48.883198

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/10/2009 20:40	9236.7	21.170494	30.946213	48.882015
10/10/2009 20:45	9241.7	21.171349	30.944717	48.883987
10/10/2009 20:50	9246.7	21.171522	30.946732	48.884392
10/10/2009 20:55	9251.7	21.170254	30.946213	48.881458
10/10/2009 21:00	9256.7	21.169516	30.949234	48.879753
10/10/2009 21:05	9261.7	21.169218	30.945236	48.87907
10/10/2009 21:10	9266.7	21.169394	30.945724	48.879475
10/10/2009 21:15	9271.7	21.170198	30.942245	48.881336
10/10/2009 21:20	9276.7	21.169516	30.946732	48.879753
10/10/2009 21:25	9281.7	21.170313	30.944717	48.881596
10/10/2009 21:30	9286.7	21.170378	30.945724	48.881748
10/10/2009 21:35	9291.7	21.168243	30.945236	48.876816
10/10/2009 21:40	9296.7	21.170025	30.944229	48.880932
10/10/2009 21:45	9301.7	21.169344	30.945236	48.87936
10/10/2009 21:50	9306.7	21.16836	30.944229	48.877087
10/10/2009 21:55	9311.7	21.166815	30.94371	48.87352
10/10/2009 22:00	9316.7	21.169456	30.944229	48.87962
10/10/2009 22:05	9321.7	21.170494	30.945236	48.882015
10/10/2009 22:10	9326.7	21.167442	30.945236	48.874969
10/10/2009 22:15	9331.7	21.169054	30.943222	48.878693
10/10/2009 22:20	9336.7	21.169567	30.945236	48.879875
10/10/2009 22:25	9341.7	21.168303	30.947739	48.876953
10/10/2009 22:30	9346.7	21.168015	30.94725	48.876289
10/10/2009 22:35	9351.7	21.168934	30.943222	48.878414
10/10/2009 22:40	9356.7	21.169107	30.945724	48.878811
10/10/2009 22:45	9361.7	21.168131	30.945724	48.876556
10/10/2009 22:50	9366.7	21.169275	30.948746	48.8792
10/10/2009 22:55	9371.7	21.16675	30.944229	48.873367
10/10/2009 23:00	9376.7	21.166698	30.946213	48.873249
10/10/2009 23:05	9381.7	21.16721	30.945724	48.874428
10/10/2009 23:10	9386.7	21.16773	30.948746	48.875633
10/10/2009 23:15	9391.7	21.167265	30.946213	48.874557
10/10/2009 23:20	9396.7	21.168072	30.946213	48.876423
10/10/2009 23:25	9401.7	21.16721	30.94371	48.874428
10/10/2009 23:30	9406.7	21.167612	30.946213	48.875362
10/10/2009 23:35	9411.7	21.166582	30.945236	48.872982
10/10/2009 23:40	9416.7	21.169861	30.945724	48.880554
10/10/2009 23:45	9421.7	21.16836	30.946213	48.877087
10/10/2009 23:50	9426.7	21.169107	30.944229	48.878811
10/10/2009 23:55	9431.7	21.169003	30.944229	48.878571
10/11/2009 0:00	9436.7	21.168762	30.944717	48.878017
10/11/2009 0:05	9441.7	21.167961	30.946732	48.876167
10/11/2009 0:10	9446.7	21.168882	30.946732	48.878292
10/11/2009 0:15	9451.7	21.169626	30.946732	48.880013

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/11/2009 0:20	9456.7	21.169796	30.945724	48.880402
10/11/2009 0:25	9461.7	21.170889	30.947739	48.882927
10/11/2009 0:30	9466.7	21.171177	30.946213	48.883591
10/11/2009 0:35	9471.7	21.170546	30.945724	48.882137
10/11/2009 0:40	9476.7	21.172268	30.945724	48.886108
10/11/2009 0:45	9481.7	21.172325	30.945724	48.886242
10/11/2009 0:50	9486.7	21.171402	30.94371	48.884109
10/11/2009 0:55	9491.7	21.171177	30.945236	48.883591
10/11/2009 1:00	9496.7	21.16968	30.945724	48.880135
10/11/2009 1:05	9501.7	21.169394	30.941238	48.879475
10/11/2009 1:10	9506.7	21.170145	30.946732	48.88121
10/11/2009 1:15	9511.7	21.170145	30.944717	48.88121
10/11/2009 1:20	9516.7	21.16917	30.944717	48.87896
10/11/2009 1:25	9521.7	21.169516	30.944229	48.879753
10/11/2009 1:30	9526.7	21.170494	30.945236	48.882015
10/11/2009 1:35	9531.7	21.171522	30.945236	48.884392
10/11/2009 1:40	9536.7	21.172791	30.944717	48.887318
10/11/2009 1:45	9541.7	21.172039	30.94371	48.885582
10/11/2009 1:50	9546.7	21.172672	30.946732	48.887043
10/11/2009 1:55	9551.7	21.1733	30.944717	48.888493
10/11/2009 2:00	9556.7	21.171177	30.947739	48.883591
10/11/2009 2:05	9561.7	21.170944	30.945236	48.883053
10/11/2009 2:10	9566.7	21.172729	30.946213	48.887177
10/11/2009 2:15	9571.7	21.172268	30.944717	48.886108
10/11/2009 2:20	9576.7	21.173126	30.94725	48.888092
10/11/2009 2:25	9581.7	21.173477	30.945724	48.888905
10/11/2009 2:30	9586.7	21.173187	30.946213	48.888233
10/11/2009 2:35	9591.7	21.172901	30.947739	48.887573
10/11/2009 2:40	9596.7	21.173241	30.945724	48.888355
10/11/2009 2:45	9601.7	21.172501	30.944229	48.886646
10/11/2009 2:50	9606.7	21.173878	30.94725	48.889828
10/11/2009 2:55	9611.7	21.173761	30.946213	48.889557
10/11/2009 3:00	9616.7	21.173706	30.945236	48.889431
10/11/2009 3:05	9621.7	21.175203	30.942245	48.892887
10/11/2009 3:10	9626.7	21.174681	30.945724	48.891682
10/11/2009 3:15	9631.7	21.174044	30.945236	48.890209
10/11/2009 3:20	9636.7	21.174908	30.94371	48.892204
10/11/2009 3:25	9641.7	21.169954	30.945236	48.880768
10/11/2009 3:30	9646.7	21.174797	30.945236	48.891953
10/11/2009 3:35	9651.7	21.174452	30.946213	48.891151
10/11/2009 3:40	9656.7	21.169264	30.944229	48.879177
10/11/2009 3:45	9661.7	21.172958	30.94371	48.887707
10/11/2009 3:50	9666.7	21.173241	30.94371	48.888355
10/11/2009 3:55	9671.7	21.172092	30.945236	48.885704

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/11/2009 4:00	9676.7	21.171007	30.946213	48.883198
10/11/2009 4:05	9681.7	21.172729	30.946732	48.887177
10/11/2009 4:10	9686.7	21.171806	30.945236	48.885044
10/11/2009 4:15	9691.7	21.170546	30.945236	48.882137
10/11/2009 4:20	9696.7	21.17417	30.946213	48.890499
10/11/2009 4:25	9701.7	21.172268	30.946213	48.886108
10/11/2009 4:30	9706.7	21.170378	30.944229	48.881748
10/11/2009 4:35	9711.7	21.172211	30.943222	48.885979
10/11/2009 4:40	9716.7	21.171522	30.94371	48.884392
10/11/2009 4:45	9721.7	21.170313	30.94371	48.881596
10/11/2009 4:50	9726.7	21.170546	30.944229	48.882137
10/11/2009 4:55	9731.7	21.170712	30.945724	48.882519
10/11/2009 5:00	9736.7	21.16968	30.94371	48.880135
10/11/2009 5:05	9741.7	21.169567	30.944717	48.879875
10/11/2009 5:10	9746.7	21.167669	30.944717	48.875492
10/11/2009 5:15	9751.7	21.168072	30.945236	48.876423
10/11/2009 5:20	9756.7	21.167898	30.944717	48.876022
10/11/2009 5:25	9761.7	21.168303	30.94725	48.876953
10/11/2009 5:30	9766.7	21.168243	30.94371	48.876816
10/11/2009 5:35	9771.7	21.168015	30.945724	48.876289
10/11/2009 5:40	9776.7	21.16675	30.945236	48.873367
10/11/2009 5:45	9781.7	21.167782	30.945236	48.875751
10/11/2009 5:50	9786.7	21.165258	30.945236	48.869926
10/11/2009 5:55	9791.7	21.165495	30.944229	48.870472
10/11/2009 6:00	9796.7	21.165379	30.944229	48.870201
10/11/2009 6:05	9801.7	21.164852	30.945236	48.868988
10/11/2009 6:10	9806.7	21.164852	30.944229	48.868988
10/11/2009 6:15	9811.7	21.162844	30.946213	48.864349
10/11/2009 6:20	9816.7	21.161926	30.945236	48.862228
10/11/2009 6:25	9821.7	21.162844	30.944229	48.864349
10/11/2009 6:30	9826.7	21.162273	30.94371	48.863033
10/11/2009 6:35	9831.7	21.1625	30.94371	48.863556
10/11/2009 6:40	9836.7	21.162907	30.945236	48.864494
10/11/2009 6:45	9841.7	21.162384	30.946732	48.863289
10/11/2009 6:50	9846.7	21.161579	30.945236	48.861427
10/11/2009 6:55	9851.7	21.163197	30.945236	48.865166
10/11/2009 7:00	9856.7	21.161638	30.943222	48.861568
10/11/2009 7:05	9861.7	21.161749	30.946213	48.86182
10/11/2009 7:10	9866.7	21.162039	30.944229	48.862492
10/11/2009 7:15	9871.7	21.162794	30.944717	48.864235
10/11/2009 7:20	9876.7	21.162561	30.943222	48.863697
10/11/2009 7:25	9881.7	21.158764	30.94725	48.854931
10/11/2009 7:30	9886.7	21.161297	30.946732	48.860779
10/11/2009 7:35	9891.7	21.16008	30.945724	48.857967

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/11/2009 7:40	9896.7	21.160723	30.946213	48.859455
10/11/2009 7:45	9901.7	21.160776	30.942734	48.859577
10/11/2009 7:50	9906.7	21.161297	30.942245	48.860779
10/11/2009 7:55	9911.7	21.157959	30.945724	48.853073
10/11/2009 8:00	9916.7	21.157906	30.945236	48.852947
10/11/2009 8:05	9921.7	21.15584	30.946213	48.848179
10/11/2009 8:10	9926.7	21.156178	30.945236	48.848957
10/11/2009 8:15	9931.7	21.157501	30.942245	48.852013
10/11/2009 8:20	9936.7	21.155207	30.942245	48.846718
10/11/2009 8:25	9941.7	21.153765	30.946213	48.843384
10/11/2009 8:30	9946.7	21.148933	30.947739	48.832233
10/11/2009 8:35	9951.7	21.152618	30.94371	48.84074
10/11/2009 8:40	9956.7	21.153368	30.944717	48.842472
10/11/2009 8:45	9961.7	21.152273	30.946213	48.839943
10/11/2009 8:50	9966.7	21.152561	30.944717	48.840611
10/11/2009 8:55	9971.7	21.153885	30.944229	48.843666
10/11/2009 9:00	9976.7	21.153713	30.944229	48.843266
10/11/2009 9:05	9981.7	21.154402	30.943222	48.84486
10/11/2009 9:10	9986.7	21.151871	30.944717	48.839012
10/11/2009 9:15	9991.7	21.151014	30.944717	48.837036
10/11/2009 9:20	9996.7	21.150436	30.944717	48.835705
10/11/2009 9:25	10001.7	21.150845	30.944717	48.836647
10/11/2009 9:30	10006.7	21.148937	30.944717	48.832241
10/11/2009 9:35	10011.7	21.149059	30.944229	48.83252
10/11/2009 9:40	10016.7	21.150152	30.942734	48.835045
10/11/2009 9:45	10021.7	21.149862	30.941727	48.834377
10/11/2009 9:50	10026.7	21.146927	30.944717	48.827595
10/11/2009 9:55	10031.7	21.148026	30.94725	48.830135
10/11/2009 10:00	10036.7	21.14975	30.945724	48.834114
10/11/2009 10:05	10041.7	21.148937	30.944229	48.832241
10/11/2009 10:10	10046.7	21.148428	30.944229	48.831062
10/11/2009 10:15	10051.7	21.149805	30.944229	48.834244
10/11/2009 10:20	10056.7	21.148937	30.945724	48.832241
10/11/2009 10:25	10061.7	21.148312	30.94725	48.830795
10/11/2009 10:30	10066.7	21.1513	30.946732	48.8377
10/11/2009 10:35	10071.7	21.149286	30.945236	48.833046
10/11/2009 10:40	10076.7	21.149405	30.94371	48.833321
10/11/2009 10:45	10081.7	21.150209	30.94371	48.835178
10/11/2009 10:50	10086.7	21.149576	30.942734	48.833714
10/11/2009 10:55	10091.7	21.147911	30.944717	48.829872
10/11/2009 11:00	10096.7	21.151125	30.945724	48.837288
10/11/2009 11:05	10101.7	21.151405	30.94371	48.83794
10/11/2009 11:10	10106.7	21.151072	30.943222	48.83717
10/11/2009 11:15	10111.7	21.150896	30.944717	48.836765

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/11/2009 11:20	10116.7	21.15033	30.946732	48.835457
10/11/2009 11:25	10121.7	21.152157	30.943222	48.839672
10/11/2009 11:30	10126.7	21.152788	30.944229	48.841133
10/11/2009 11:35	10131.7	21.154003	30.942734	48.843937
10/11/2009 11:40	10136.7	21.153938	30.945724	48.843788
10/11/2009 11:45	10141.7	21.155495	30.94371	48.847382
10/11/2009 11:50	10146.7	21.156178	30.945724	48.848957
10/11/2009 11:55	10151.7	21.156178	30.945724	48.848957
10/11/2009 12:00	10156.7	21.156233	30.944717	48.849087
10/11/2009 12:05	10161.7	21.157557	30.946213	48.852142
10/11/2009 12:10	10166.7	21.158188	30.94725	48.8536
10/11/2009 12:15	10171.7	21.158188	30.943222	48.8536
10/11/2009 12:20	10176.7	21.159395	30.943222	48.856388
10/11/2009 12:25	10181.7	21.159973	30.944717	48.857719
10/11/2009 12:30	10186.7	21.160723	30.945724	48.859455
10/11/2009 12:35	10191.7	21.161694	30.942245	48.861694
10/11/2009 12:40	10196.7	21.162441	30.94725	48.863422
10/11/2009 12:45	10201.7	21.1625	30.944717	48.863556
10/11/2009 12:50	10206.7	21.16503	30.946732	48.869396
10/11/2009 12:55	10211.7	21.164106	30.945236	48.867264
10/11/2009 13:00	10216.7	21.164686	30.945236	48.868603
10/11/2009 13:05	10221.7	21.165146	30.944229	48.869667
10/11/2009 13:10	10226.7	21.167612	30.942734	48.875362
10/11/2009 13:15	10231.7	21.171234	30.944229	48.88372
10/11/2009 13:20	10236.7	21.170025	30.944717	48.880932
10/11/2009 13:25	10241.7	21.171522	30.946732	48.884392
10/11/2009 13:30	10246.7	21.171234	30.944717	48.88372
10/11/2009 13:35	10251.7	21.166506	30.946213	48.872807
10/11/2009 13:40	10256.7	21.171751	30.94371	48.884918
10/11/2009 13:45	10261.7	21.174337	30.943222	48.890892
10/11/2009 13:50	10266.7	21.1744	30.945236	48.891033
10/11/2009 13:55	10271.7	21.174623	30.944229	48.891552
10/11/2009 14:00	10276.7	21.175833	30.946213	48.894341
10/11/2009 14:05	10281.7	21.176229	30.94371	48.89526
10/11/2009 14:10	10286.7	21.177147	30.946732	48.897377
10/11/2009 14:15	10291.7	21.176579	30.944717	48.896061
10/11/2009 14:20	10296.7	21.177263	30.946213	48.897644
10/11/2009 14:25	10301.7	21.178301	30.944717	48.900043
10/11/2009 14:30	10306.7	21.174732	30.944717	48.8918
10/11/2009 14:35	10311.7	21.179798	30.941238	48.9035
10/11/2009 14:40	10316.7	21.178642	30.945724	48.900829
10/11/2009 14:45	10321.7	21.17922	30.944717	48.902164
10/11/2009 14:50	10326.7	21.181572	30.945724	48.907593
10/11/2009 14:55	10331.7	21.179504	30.946213	48.902817

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/11/2009 15:00	10336.7	21.182091	30.945724	48.908791
10/11/2009 15:05	10341.7	21.181572	30.946213	48.907593
10/11/2009 15:10	10346.7	21.182152	30.947739	48.908932
10/11/2009 15:15	10351.7	21.181799	30.942245	48.908119
10/11/2009 15:20	10356.7	21.183304	30.945724	48.911591
10/11/2009 15:25	10361.7	21.181799	30.944229	48.908119
10/11/2009 15:30	10366.7	21.18404	30.945724	48.913292
10/11/2009 15:35	10371.7	21.184332	30.944229	48.913967
10/11/2009 15:40	10376.7	21.184448	30.944229	48.914234
10/11/2009 15:45	10381.7	21.184448	30.945236	48.914234
10/11/2009 15:50	10386.7	21.185137	30.945236	48.915829
10/11/2009 15:55	10391.7	21.183304	30.945236	48.911591
10/11/2009 16:00	10396.7	21.185766	30.94371	48.917278
10/11/2009 16:05	10401.7	21.185881	30.942734	48.917542
10/11/2009 16:10	10406.7	21.187025	30.943222	48.920185
10/11/2009 16:15	10411.7	21.185705	30.945724	48.917137
10/11/2009 16:20	10416.7	21.18462	30.944717	48.914627
10/11/2009 16:25	10421.7	21.185255	30.943222	48.9161
10/11/2009 16:30	10426.7	21.18726	30.94371	48.920727
10/11/2009 16:35	10431.7	21.185997	30.944229	48.917812
10/11/2009 16:40	10436.7	21.186806	30.945236	48.919678
10/11/2009 16:45	10441.7	21.185486	30.945236	48.91663
10/11/2009 16:50	10446.7	21.187374	30.94371	48.92099
10/11/2009 16:55	10451.7	21.186571	30.943222	48.919136
10/11/2009 17:00	10456.7	21.187439	30.945236	48.921139
10/11/2009 17:05	10461.7	21.188414	30.941727	48.923389
10/11/2009 17:10	10466.7	21.185204	30.942734	48.915981
10/11/2009 17:15	10471.7	21.186226	30.944717	48.918335
10/11/2009 17:20	10476.7	21.186918	30.945236	48.919937
10/11/2009 17:25	10481.7	21.186171	30.942734	48.918213
10/11/2009 17:30	10486.7	21.182705	30.941727	48.91021
10/11/2009 17:35	10491.7	21.18634	30.944717	48.918602
10/11/2009 17:40	10496.7	21.185596	30.944229	48.916885
10/11/2009 17:45	10501.7	21.187374	30.945236	48.92099
10/11/2009 17:50	10506.7	21.185078	30.944229	48.915688
10/11/2009 17:55	10511.7	21.185705	30.94371	48.917137
10/11/2009 18:00	10516.7	21.184507	30.946213	48.914371
10/11/2009 18:05	10521.7	21.182955	30.944717	48.910786
10/11/2009 18:10	10526.7	21.184507	30.944229	48.914371
10/11/2009 18:15	10531.7	21.18387	30.942245	48.912903
10/11/2009 18:20	10536.7	21.178169	30.944229	48.899734
10/11/2009 18:25	10541.7	21.182262	30.945724	48.909184
10/11/2009 18:30	10546.7	21.181915	30.945724	48.908386
10/11/2009 18:35	10551.7	21.180025	30.942734	48.904022

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/11/2009 18:40	10556.7	21.180193	30.944229	48.904411
10/11/2009 18:45	10561.7	21.180483	30.944229	48.905079
10/11/2009 18:50	10566.7	21.177891	30.944229	48.899094
10/11/2009 18:55	10571.7	21.177668	30.944229	48.898579
10/11/2009 19:00	10576.7	21.176924	30.942734	48.896862
10/11/2009 19:05	10581.7	21.171282	30.945724	48.883831
10/11/2009 19:10	10586.7	21.17428	30.943222	48.890759
10/11/2009 19:15	10591.7	21.176746	30.944229	48.89645
10/11/2009 19:20	10596.7	21.174854	30.944229	48.892082
10/11/2009 19:25	10601.7	21.173477	30.942734	48.888905
10/11/2009 19:30	10606.7	21.173933	30.946732	48.889954
10/11/2009 19:35	10611.7	21.171457	30.947739	48.884239
10/11/2009 19:40	10616.7	21.171066	30.94371	48.883335
10/11/2009 19:45	10621.7	21.169344	30.943222	48.87936
10/11/2009 19:50	10626.7	21.171234	30.945236	48.88372
10/11/2009 19:55	10631.7	21.169626	30.944229	48.880013
10/11/2009 20:00	10636.7	21.168762	30.943222	48.878017
10/11/2009 20:05	10641.7	21.169344	30.945724	48.87936
10/11/2009 20:10	10646.7	21.167557	30.945724	48.875233
10/11/2009 20:15	10651.7	21.167782	30.945724	48.875751
10/11/2009 20:20	10656.7	21.168709	30.943222	48.877892
10/11/2009 20:25	10661.7	21.167442	30.942245	48.874969
10/11/2009 20:30	10666.7	21.167332	30.945236	48.87471
10/11/2009 20:35	10671.7	21.168482	30.94371	48.877369
10/11/2009 20:40	10676.7	21.168015	30.946213	48.876289
10/11/2009 20:45	10681.7	21.16675	30.944717	48.873367
10/11/2009 20:50	10686.7	21.16675	30.941727	48.873367
10/11/2009 20:55	10691.7	21.166121	30.94371	48.871918
10/11/2009 21:00	10696.7	21.165379	30.942734	48.870201
10/11/2009 21:05	10701.7	21.165083	30.94725	48.869518
10/11/2009 21:10	10706.7	21.164976	30.943222	48.869274
10/11/2009 21:15	10711.7	21.164852	30.944717	48.868988
10/11/2009 21:20	10716.7	21.164347	30.944229	48.867821
10/11/2009 21:25	10721.7	21.164455	30.945236	48.868073
10/11/2009 21:30	10726.7	21.164347	30.944717	48.867821
10/11/2009 21:35	10731.7	21.163538	30.944229	48.865952
10/11/2009 21:40	10736.7	21.164507	30.942245	48.868191
10/11/2009 21:45	10741.7	21.162682	30.941727	48.863976
10/11/2009 21:50	10746.7	21.163307	30.945236	48.865417
10/11/2009 21:55	10751.7	21.163197	30.946213	48.865166
10/11/2009 22:00	10756.7	21.163538	30.942734	48.865952
10/11/2009 22:05	10761.7	21.164171	30.945724	48.867413
10/11/2009 22:10	10766.7	21.165379	30.944229	48.870201
10/11/2009 22:15	10771.7	21.162615	30.943222	48.863823

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/11/2009 22:20	10776.7	21.163588	30.942245	48.86607
10/11/2009 22:25	10781.7	21.161469	30.944229	48.861176
10/11/2009 22:30	10786.7	21.162441	30.945724	48.863422
10/11/2009 22:35	10791.7	21.163242	30.944229	48.865269
10/11/2009 22:40	10796.7	21.163757	30.942734	48.866459
10/11/2009 22:45	10801.7	21.163132	30.945724	48.865013
10/11/2009 22:50	10806.7	21.162615	30.942734	48.863823
10/11/2009 22:55	10811.7	21.163826	30.944717	48.866619
10/11/2009 23:00	10816.7	21.157206	30.94371	48.851334
10/11/2009 23:05	10821.7	21.15749	30.944717	48.85199
10/11/2009 23:10	10826.7	21.163538	30.942245	48.865952
10/11/2009 23:15	10831.7	21.16296	30.944717	48.864616
10/11/2009 23:20	10836.7	21.162615	30.946732	48.863823
10/11/2009 23:25	10841.7	21.162384	30.94371	48.863289
10/11/2009 23:30	10846.7	21.163588	30.943222	48.86607
10/11/2009 23:35	10851.7	21.163588	30.943222	48.86607
10/11/2009 23:40	10856.7	21.163197	30.94371	48.865166
10/11/2009 23:45	10861.7	21.162039	30.942734	48.862492
10/11/2009 23:50	10866.7	21.16296	30.942734	48.864616
10/11/2009 23:55	10871.7	21.163197	30.944229	48.865166
10/12/2009 0:00	10876.7	21.162039	30.942245	48.862492
10/12/2009 0:05	10881.7	21.161926	30.944229	48.862228
10/12/2009 0:10	10886.7	21.164394	30.945724	48.867931
10/12/2009 0:15	10891.7	21.162844	30.94371	48.864349
10/12/2009 0:20	10896.7	21.163708	30.943222	48.866348
10/12/2009 0:25	10901.7	21.162682	30.942245	48.863976
10/12/2009 0:30	10906.7	21.162561	30.941727	48.863697
10/12/2009 0:35	10911.7	21.161526	30.944229	48.861305
10/12/2009 0:40	10916.7	21.161694	30.94371	48.861694
10/12/2009 0:45	10921.7	21.161694	30.94371	48.861694
10/12/2009 0:50	10926.7	21.160667	30.945724	48.859325
10/12/2009 0:55	10931.7	21.160202	30.944717	48.85825
10/12/2009 1:00	10936.7	21.159628	30.945236	48.856926
10/12/2009 1:05	10941.7	21.161407	30.945724	48.861034
10/12/2009 1:10	10946.7	21.159346	30.94371	48.856277
10/12/2009 1:15	10951.7	21.15871	30.942734	48.854805
10/12/2009 1:20	10956.7	21.15871	30.942734	48.854805
10/12/2009 1:25	10961.7	21.158188	30.941727	48.8536
10/12/2009 1:30	10966.7	21.158655	30.944229	48.854679
10/12/2009 1:35	10971.7	21.157501	30.943222	48.852013
10/12/2009 1:40	10976.7	21.15785	30.943222	48.852818
10/12/2009 1:45	10981.7	21.156643	30.942734	48.850033
10/12/2009 1:50	10986.7	21.157959	30.945236	48.853073
10/12/2009 1:55	10991.7	21.157557	30.943222	48.852142

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/12/2009 2:00	10996.7	21.154804	30.94371	48.845787
10/12/2009 2:05	11001.7	21.156057	30.942245	48.848682
10/12/2009 2:10	11006.7	21.156813	30.942734	48.850426
10/12/2009 2:15	11011.7	21.15509	30.943222	48.846447
10/12/2009 2:20	11016.7	21.156479	30.944717	48.849651
10/12/2009 2:25	11021.7	21.157614	30.942734	48.852272
10/12/2009 2:30	11026.7	21.157906	30.942245	48.852947
10/12/2009 2:35	11031.7	21.157331	30.94371	48.851624
10/12/2009 2:40	11036.7	21.158537	30.944229	48.854408
10/12/2009 2:45	11041.7	21.158134	30.94371	48.853477
10/12/2009 2:50	11046.7	21.159853	30.944717	48.857445
10/12/2009 2:55	11051.7	21.157448	30.942245	48.851891
10/12/2009 3:00	11056.7	21.155367	30.942245	48.847088
10/12/2009 3:05	11061.7	21.159224	30.944717	48.855991
10/12/2009 3:10	11066.7	21.159628	30.942245	48.856926
10/12/2009 3:15	11071.7	21.158417	30.94371	48.85413
10/12/2009 3:20	11076.7	21.158134	30.945236	48.853477
10/12/2009 3:25	11081.7	21.158134	30.944717	48.853477
10/12/2009 3:30	11086.7	21.15871	30.94371	48.854805
10/12/2009 3:35	11091.7	21.15785	30.945236	48.852818
10/12/2009 3:40	11096.7	21.15773	30.943222	48.852543
10/12/2009 3:45	11101.7	21.158886	30.94371	48.855213
10/12/2009 3:50	11106.7	21.158016	30.944229	48.853207
10/12/2009 3:55	11111.7	21.157276	30.943222	48.851494
10/12/2009 4:00	11116.7	21.156755	30.946213	48.850292
10/12/2009 4:05	11121.7	21.157045	30.942245	48.850964
10/12/2009 4:10	11126.7	21.157785	30.939713	48.852669
10/12/2009 4:15	11131.7	21.158417	30.94371	48.85413
10/12/2009 4:20	11136.7	21.157906	30.942734	48.852947
10/12/2009 4:25	11141.7	21.157906	30.941727	48.852947
10/12/2009 4:30	11146.7	21.15785	30.943222	48.852818
10/12/2009 4:35	11151.7	21.156986	30.943222	48.850826
10/12/2009 4:40	11156.7	21.156755	30.942734	48.850292
10/12/2009 4:45	11161.7	21.156582	30.945724	48.849892
10/12/2009 4:50	11166.7	21.158253	30.942734	48.853752
10/12/2009 4:55	11171.7	21.156012	30.944717	48.848576
10/12/2009 5:00	11176.7	21.156298	30.942245	48.849236
10/12/2009 5:05	11181.7	21.155729	30.94371	48.847923
10/12/2009 5:10	11186.7	21.155317	30.942734	48.846973
10/12/2009 5:15	11191.7	21.155552	30.944229	48.847515
10/12/2009 5:20	11196.7	21.154804	30.94371	48.845787
10/12/2009 5:25	11201.7	21.154861	30.942734	48.845921
10/12/2009 5:30	11206.7	21.154747	30.945724	48.845657
10/12/2009 5:35	11211.7	21.15509	30.945236	48.846447

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/12/2009 5:40	11216.7	21.154169	30.942245	48.844322
10/12/2009 5:45	11221.7	21.154116	30.942245	48.8442
10/12/2009 5:50	11226.7	21.155207	30.94371	48.846718
10/12/2009 5:55	11231.7	21.155954	30.944229	48.848446
10/12/2009 6:00	11236.7	21.155149	30.945236	48.846584
10/12/2009 6:05	11241.7	21.156012	30.939713	48.848576
10/12/2009 6:10	11246.7	21.154573	30.945236	48.845257
10/12/2009 6:15	11251.7	21.154747	30.94371	48.845657
10/12/2009 6:20	11256.7	21.153484	30.941727	48.842739
10/12/2009 6:25	11261.7	21.154116	30.941727	48.8442
10/12/2009 6:30	11266.7	21.153419	30.944229	48.84259
10/12/2009 6:35	11271.7	21.15222	30.943222	48.839817
10/12/2009 6:40	11276.7	21.15222	30.94072	48.839817
10/12/2009 6:45	11281.7	21.150845	30.944717	48.836647
10/12/2009 6:50	11286.7	21.150845	30.945236	48.836647
10/12/2009 6:55	11291.7	21.148596	30.941238	48.831455
10/12/2009 7:00	11296.7	21.14975	30.94371	48.834114
10/12/2009 7:05	11301.7	21.150608	30.943222	48.836098
10/12/2009 7:10	11306.7	21.149925	30.944229	48.834522
10/12/2009 7:15	11311.7	21.151014	30.944229	48.837036
10/12/2009 7:20	11316.7	21.150383	30.944229	48.835579
10/12/2009 7:25	11321.7	21.150845	30.94371	48.836647
10/12/2009 7:30	11326.7	21.149576	30.94371	48.833714
10/12/2009 7:35	11331.7	21.14975	30.944229	48.834114
10/12/2009 7:40	11336.7	21.148312	30.943222	48.830795
10/12/2009 7:45	11341.7	21.148363	30.944229	48.830914
10/12/2009 7:50	11346.7	21.1471	30.944229	48.827999
10/12/2009 7:55	11351.7	21.148026	30.944717	48.830135
10/12/2009 8:00	11356.7	21.1471	30.942734	48.827999
10/12/2009 8:05	11361.7	21.145155	30.94371	48.823505
10/12/2009 8:10	11366.7	21.146305	30.94072	48.826164
10/12/2009 8:15	11371.7	21.144461	30.94371	48.821907
10/12/2009 8:20	11376.7	21.144402	30.944717	48.82177
10/12/2009 8:25	11381.7	21.144232	30.944229	48.821373
10/12/2009 8:30	11386.7	21.143084	30.941727	48.818726
10/12/2009 8:35	11391.7	21.14257	30.946732	48.817539
10/12/2009 8:40	11396.7	21.143316	30.94072	48.819263
10/12/2009 8:45	11401.7	21.140379	30.944229	48.812481
10/12/2009 8:50	11406.7	21.143026	30.94371	48.818596
10/12/2009 8:55	11411.7	21.14257	30.945236	48.817539
10/12/2009 9:00	11416.7	21.143026	30.945236	48.818596
10/12/2009 9:05	11421.7	21.142967	30.943222	48.818455
10/12/2009 9:10	11426.7	21.142509	30.94371	48.817398
10/12/2009 9:15	11431.7	21.142397	30.942734	48.817139

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/12/2009 9:20	11436.7	21.145552	30.942245	48.824425
10/12/2009 9:25	11441.7	21.143887	30.94371	48.82058
10/12/2009 9:30	11446.7	21.144636	30.944717	48.822311
10/12/2009 9:35	11451.7	21.143602	30.94371	48.819923
10/12/2009 9:40	11456.7	21.144577	30.943222	48.822174
10/12/2009 9:45	11461.7	21.144981	30.942734	48.823105
10/12/2009 9:50	11466.7	21.145952	30.941238	48.825352
10/12/2009 9:55	11471.7	21.145611	30.943222	48.824558
10/12/2009 10:00	11476.7	21.146305	30.941238	48.826164
10/12/2009 10:05	11481.7	21.146646	30.942734	48.826954
10/12/2009 10:10	11486.7	21.144339	30.941238	48.821621
10/12/2009 10:15	11491.7	21.146004	30.942245	48.82547
10/12/2009 10:20	11496.7	21.144743	30.944717	48.822556
10/12/2009 10:25	11501.7	21.146185	30.94371	48.825886
10/12/2009 10:30	11506.7	21.144981	30.943222	48.823105
10/12/2009 10:35	11511.7	21.144461	30.944229	48.821907
10/12/2009 10:40	11516.7	21.143654	30.941727	48.820042
10/12/2009 10:45	11521.7	21.144577	30.942734	48.822174
10/12/2009 10:50	11526.7	21.14257	30.943222	48.817539
10/12/2009 10:55	11531.7	21.140673	30.94371	48.81316
10/12/2009 11:00	11536.7	21.141535	30.943222	48.815147
10/12/2009 11:05	11541.7	21.143887	30.946213	48.82058
10/12/2009 11:10	11546.7	21.143084	30.945236	48.818726
10/12/2009 11:15	11551.7	21.144636	30.944717	48.822311
10/12/2009 11:20	11556.7	21.146595	30.942245	48.826832
10/12/2009 11:25	11561.7	21.144007	30.945236	48.820858
10/12/2009 11:30	11566.7	21.145723	30.943222	48.824821
10/12/2009 11:35	11571.7	21.146305	30.94072	48.826164
10/12/2009 11:40	11576.7	21.147337	30.941727	48.828548
10/12/2009 11:45	11581.7	21.149115	30.942245	48.832649
10/12/2009 11:50	11586.7	21.150845	30.941727	48.836647
10/12/2009 11:55	11591.7	21.151405	30.944717	48.83794
10/12/2009 12:00	11596.7	21.153938	30.942734	48.843788
10/12/2009 12:05	11601.7	21.154573	30.942734	48.845257
10/12/2009 12:10	11606.7	21.154514	30.942734	48.845119
10/12/2009 12:15	11611.7	21.157614	30.942734	48.852272
10/12/2009 12:20	11616.7	21.159685	30.942245	48.857059
10/12/2009 12:25	11621.7	21.161983	30.941727	48.862366
10/12/2009 12:30	11626.7	21.162159	30.940231	48.86277
10/12/2009 12:35	11631.7	21.162441	30.94371	48.863422
10/12/2009 12:40	11636.7	21.162729	30.943222	48.864086
10/12/2009 12:45	11641.7	21.166002	30.942245	48.871643
10/12/2009 12:50	11646.7	21.166405	30.944717	48.872574
10/12/2009 12:55	11651.7	21.167381	30.944229	48.874828

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/12/2009 13:00	11656.7	21.169003	30.942245	48.878571
10/12/2009 13:05	11661.7	21.171402	30.941727	48.884109
10/12/2009 13:10	11666.7	21.170082	30.942734	48.881062
10/12/2009 13:15	11671.7	21.172958	30.945236	48.887707
10/12/2009 13:20	11676.7	21.174215	30.94371	48.89061
10/12/2009 13:25	11681.7	21.174107	30.943222	48.890354
10/12/2009 13:30	11686.7	21.176514	30.944229	48.895912
10/12/2009 13:35	11691.7	21.177891	30.942734	48.899094
10/12/2009 13:40	11696.7	21.175661	30.939713	48.893948
10/12/2009 13:45	11701.7	21.177839	30.941238	48.898975
10/12/2009 13:50	11706.7	21.180256	30.945236	48.904552
10/12/2009 13:55	11711.7	21.179621	30.942245	48.903091
10/12/2009 14:00	11716.7	21.178757	30.943222	48.901093
10/12/2009 14:05	11721.7	21.179852	30.943222	48.903622
10/12/2009 14:10	11726.7	21.182152	30.944229	48.908932
10/12/2009 14:15	11731.7	21.182032	30.939224	48.908653
10/12/2009 14:20	11736.7	21.18284	30.941727	48.910522
10/12/2009 14:25	11741.7	21.182152	30.943222	48.908932
10/12/2009 14:30	11746.7	21.184681	30.943222	48.914768
10/12/2009 14:35	11751.7	21.184561	30.944717	48.914494
10/12/2009 14:40	11756.7	21.188414	30.942245	48.923389
10/12/2009 14:45	11761.7	21.186972	30.942245	48.920059
10/12/2009 14:50	11766.7	21.185881	30.942734	48.917542
10/12/2009 14:55	11771.7	21.187723	30.942245	48.921795
10/12/2009 15:00	11776.7	21.188124	30.945724	48.922722
10/12/2009 15:05	11781.7	21.188988	30.94371	48.924717
10/12/2009 15:10	11786.7	21.191343	30.941727	48.930153
10/12/2009 15:15	11791.7	21.188988	30.942734	48.924717
10/12/2009 15:20	11796.7	21.190365	30.942245	48.927895
10/12/2009 15:25	11801.7	21.189102	30.94371	48.924984
10/12/2009 15:30	11806.7	21.19088	30.94072	48.929085
10/12/2009 15:35	11811.7	21.189905	30.944717	48.926834
10/12/2009 15:40	11816.7	21.193642	30.943222	48.935463
10/12/2009 15:45	11821.7	21.192953	30.94072	48.933872
10/12/2009 15:50	11826.7	21.192373	30.94371	48.932533
10/12/2009 15:55	11831.7	21.19346	30.943222	48.935043
10/12/2009 16:00	11836.7	21.193518	30.94371	48.935177
10/12/2009 16:05	11841.7	21.194614	30.941727	48.93771
10/12/2009 16:10	11846.7	21.195879	30.94072	48.940628
10/12/2009 16:15	11851.7	21.194563	30.945236	48.937592
10/12/2009 16:20	11856.7	21.194614	30.943222	48.93771
10/12/2009 16:25	11861.7	21.195879	30.943222	48.940628
10/12/2009 16:30	11866.7	21.195313	30.943222	48.93932
10/12/2009 16:35	11871.7	21.197258	30.942245	48.943813

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/12/2009 16:40	11876.7	21.19668	30.943222	48.942474
10/12/2009 16:45	11881.7	21.196508	30.941727	48.942081
10/12/2009 16:50	11886.7	21.19697	30.941727	48.943146
10/12/2009 16:55	11891.7	21.196568	30.944229	48.942219
10/12/2009 17:00	11896.7	21.196741	30.942245	48.942616
10/12/2009 17:05	11901.7	21.19743	30.942734	48.94421
10/12/2009 17:10	11906.7	21.19898	30.941727	48.947788
10/12/2009 17:15	11911.7	21.197662	30.939713	48.944748
10/12/2009 17:20	11916.7	21.198294	30.943222	48.946201
10/12/2009 17:25	11921.7	21.196625	30.943222	48.942352
10/12/2009 17:30	11926.7	21.197315	30.94371	48.943947
10/12/2009 17:35	11931.7	21.197144	30.942734	48.943546
10/12/2009 17:40	11936.7	21.197021	30.94072	48.943264
10/12/2009 17:45	11941.7	21.196451	30.944229	48.941952
10/12/2009 17:50	11946.7	21.195818	30.944229	48.940487
10/12/2009 17:55	11951.7	21.196568	30.94072	48.942219
10/12/2009 18:00	11956.7	21.195248	30.94371	48.939167
10/12/2009 18:05	11961.7	21.193754	30.941238	48.935719
10/12/2009 18:10	11966.7	21.194386	30.942734	48.93718
10/12/2009 18:15	11971.7	21.1945	30.942245	48.937443
10/12/2009 18:20	11976.7	21.194614	30.943222	48.93771
10/12/2009 18:25	11981.7	21.194675	30.942734	48.937851
10/12/2009 18:30	11986.7	21.196625	30.941238	48.942352
10/12/2009 18:35	11991.7	21.1945	30.941727	48.937443
10/12/2009 18:40	11996.7	21.195593	30.942245	48.939968
10/12/2009 18:45	12001.7	21.195248	30.943222	48.939167
10/12/2009 18:50	12006.7	21.194563	30.941727	48.937592
10/12/2009 18:55	12011.7	21.193754	30.941238	48.935719
10/12/2009 19:00	12016.7	21.194614	30.942734	48.93771
10/12/2009 19:05	12021.7	21.192896	30.941727	48.933739
10/12/2009 19:10	12026.7	21.192263	30.943222	48.932278
10/12/2009 19:15	12031.7	21.192604	30.944717	48.933067
10/12/2009 19:20	12036.7	21.193642	30.942245	48.935463
10/12/2009 19:25	12041.7	21.194958	30.945236	48.938503
10/12/2009 19:30	12046.7	21.19278	30.94371	48.933472
10/12/2009 19:35	12051.7	21.1922	30.942734	48.932133
10/12/2009 19:40	12056.7	21.190483	30.942734	48.928169
10/12/2009 19:45	12061.7	21.190821	30.941238	48.928951
10/12/2009 19:50	12066.7	21.191055	30.939224	48.929489
10/12/2009 19:55	12071.7	21.190136	30.942734	48.927368
10/12/2009 20:00	12076.7	21.189276	30.943222	48.925385
10/12/2009 20:05	12081.7	21.188292	30.944229	48.923107
10/12/2009 20:10	12086.7	21.189159	30.94072	48.925114
10/12/2009 20:15	12091.7	21.187439	30.941727	48.921139

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/12/2009 20:20	12096.7	21.187494	30.941238	48.921268
10/12/2009 20:25	12101.7	21.187494	30.941727	48.921268
10/12/2009 20:30	12106.7	21.187946	30.942245	48.922314
10/12/2009 20:35	12111.7	21.188931	30.945236	48.924583
10/12/2009 20:40	12116.7	21.186058	30.942245	48.917953
10/12/2009 20:45	12121.7	21.187609	30.941238	48.921532
10/12/2009 20:50	12126.7	21.189102	30.942734	48.924984
10/12/2009 20:55	12131.7	21.187887	30.940231	48.922176
10/12/2009 21:00	12136.7	21.186226	30.943222	48.918335
10/12/2009 21:05	12141.7	21.18663	30.941238	48.919273
10/12/2009 21:10	12146.7	21.188643	30.942734	48.92392
10/12/2009 21:15	12151.7	21.185596	30.940231	48.916885
10/12/2009 21:20	12156.7	21.185204	30.944717	48.915981
10/12/2009 21:25	12161.7	21.18491	30.944229	48.915298
10/12/2009 21:30	12166.7	21.183649	30.941727	48.912388
10/12/2009 21:35	12171.7	21.182091	30.941238	48.908791
10/12/2009 21:40	12176.7	21.181688	30.94072	48.90786
10/12/2009 21:45	12181.7	21.178526	30.941727	48.900562
10/12/2009 21:50	12186.7	21.179504	30.939224	48.902817
10/12/2009 21:55	12191.7	21.179043	30.94072	48.901752
10/12/2009 22:00	12196.7	21.177778	30.944229	48.898834
10/12/2009 22:05	12201.7	21.179562	30.940231	48.90295
10/12/2009 22:10	12206.7	21.178188	30.941727	48.89978
10/12/2009 22:15	12211.7	21.178131	30.942245	48.899647
10/12/2009 22:20	12216.7	21.177441	30.942734	48.898056
10/12/2009 22:25	12221.7	21.176977	30.941238	48.896984
10/12/2009 22:30	12226.7	21.177263	30.94072	48.897644
10/12/2009 22:35	12231.7	21.177147	30.941238	48.897377
10/12/2009 22:40	12236.7	21.178476	30.940231	48.900444
10/12/2009 22:45	12241.7	21.177441	30.941238	48.898056
10/12/2009 22:50	12246.7	21.176065	30.942245	48.894878
10/12/2009 22:55	12251.7	21.175888	30.940231	48.89447
10/12/2009 23:00	12256.7	21.176065	30.941238	48.894878
10/12/2009 23:05	12261.7	21.176746	30.941727	48.89645
10/12/2009 23:10	12266.7	21.174107	30.942734	48.890354
10/12/2009 23:15	12271.7	21.175203	30.942734	48.892887
10/12/2009 23:20	12276.7	21.173477	30.943222	48.888905
10/12/2009 23:25	12281.7	21.174564	30.94072	48.891411
10/12/2009 23:30	12286.7	21.172325	30.941238	48.886242
10/12/2009 23:35	12291.7	21.172838	30.941238	48.887428
10/12/2009 23:40	12296.7	21.17169	30.938217	48.884777
10/12/2009 23:45	12301.7	21.171289	30.941727	48.88385
10/12/2009 23:50	12306.7	21.173126	30.943222	48.888092
10/12/2009 23:55	12311.7	21.171751	30.94371	48.884918

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/13/2009 0:00	12316.7	21.173477	30.94072	48.888905
10/13/2009 0:05	12321.7	21.171522	30.941727	48.884392
10/13/2009 0:10	12326.7	21.174507	30.942734	48.891281
10/13/2009 0:15	12331.7	21.173412	30.942245	48.888752
10/13/2009 0:20	12336.7	21.170254	30.94371	48.881458
10/13/2009 0:25	12341.7	21.170712	30.94072	48.882519
10/13/2009 0:30	12346.7	21.16865	30.941238	48.877754
10/13/2009 0:35	12351.7	21.16704	30.944229	48.874039
10/13/2009 0:40	12356.7	21.166983	30.942245	48.873905
10/13/2009 0:45	12361.7	21.16704	30.94072	48.874039
10/13/2009 0:50	12366.7	21.167156	30.94072	48.874306
10/13/2009 0:55	12371.7	21.168015	30.944717	48.876289
10/13/2009 1:00	12376.7	21.165888	30.94072	48.87138
10/13/2009 1:05	12381.7	21.165953	30.941238	48.871529
10/13/2009 1:10	12386.7	21.166523	30.944717	48.872845
10/13/2009 1:15	12391.7	21.165833	30.939713	48.87125
10/13/2009 1:20	12396.7	21.163307	30.944717	48.865417
10/13/2009 1:25	12401.7	21.164852	30.941727	48.868988
10/13/2009 1:30	12406.7	21.163937	30.944717	48.866875
10/13/2009 1:35	12411.7	21.163363	30.941238	48.865551
10/13/2009 1:40	12416.7	21.161354	30.939224	48.860909
10/13/2009 1:45	12421.7	21.160435	30.941727	48.858788
10/13/2009 1:50	12426.7	21.159973	30.941238	48.857719
10/13/2009 1:55	12431.7	21.159161	30.941727	48.855843
10/13/2009 2:00	12436.7	21.158253	30.942245	48.853752
10/13/2009 2:05	12441.7	21.159283	30.940231	48.856129
10/13/2009 2:10	12446.7	21.159109	30.944229	48.855724
10/13/2009 2:15	12451.7	21.16003	30.941727	48.857857
10/13/2009 2:20	12456.7	21.159109	30.942245	48.855724
10/13/2009 2:25	12461.7	21.159912	30.940231	48.857582
10/13/2009 2:30	12466.7	21.157679	30.941238	48.852425
10/13/2009 2:35	12471.7	21.156698	30.942734	48.850163
10/13/2009 2:40	12476.7	21.154976	30.94072	48.846184
10/13/2009 2:45	12481.7	21.15538	30.942245	48.847118
10/13/2009 2:50	12486.7	21.154346	30.943222	48.84473
10/13/2009 2:55	12491.7	21.156298	30.941727	48.849236
10/13/2009 3:00	12496.7	21.156813	30.939224	48.850426
10/13/2009 3:05	12501.7	21.156233	30.940231	48.849087
10/13/2009 3:10	12506.7	21.156986	30.942734	48.850826
10/13/2009 3:15	12511.7	21.156414	30.939224	48.849503
10/13/2009 3:20	12516.7	21.152849	30.943222	48.841274
10/13/2009 3:25	12521.7	21.151014	30.943222	48.837036
10/13/2009 3:30	12526.7	21.151405	30.943222	48.83794
10/13/2009 3:35	12531.7	21.149862	30.941727	48.834377

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/13/2009 3:40	12536.7	21.149862	30.941238	48.834377
10/13/2009 3:45	12541.7	21.148136	30.942734	48.830391
10/13/2009 3:50	12546.7	21.147448	30.943222	48.8288
10/13/2009 3:55	12551.7	21.147911	30.940231	48.829872
10/13/2009 4:00	12556.7	21.148827	30.94072	48.831985
10/13/2009 4:05	12561.7	21.147163	30.941727	48.828148
10/13/2009 4:10	12566.7	21.147856	30.945236	48.829742
10/13/2009 4:15	12571.7	21.149227	30.941727	48.832909
10/13/2009 4:20	12576.7	21.145155	30.94371	48.823505
10/13/2009 4:25	12581.7	21.146646	30.94072	48.826954
10/13/2009 4:30	12586.7	21.147278	30.942734	48.828411
10/13/2009 4:35	12591.7	21.144339	30.94072	48.821621
10/13/2009 4:40	12596.7	21.144461	30.942734	48.821907
10/13/2009 4:45	12601.7	21.143541	30.942734	48.819782
10/13/2009 4:50	12606.7	21.142168	30.941727	48.816612
10/13/2009 4:55	12611.7	21.14291	30.941727	48.818321
10/13/2009 5:00	12616.7	21.143204	30.941238	48.819004
10/13/2009 5:05	12621.7	21.141655	30.94371	48.81543
10/13/2009 5:10	12626.7	21.141703	30.941727	48.815536
10/13/2009 5:15	12631.7	21.139582	30.942245	48.810638
10/13/2009 5:20	12636.7	21.139179	30.939224	48.809711
10/13/2009 5:25	12641.7	21.137972	30.940231	48.806923
10/13/2009 5:30	12646.7	21.137398	30.942245	48.805595
10/13/2009 5:35	12651.7	21.136478	30.940231	48.803474
10/13/2009 5:40	12656.7	21.133375	30.942734	48.796307
10/13/2009 5:45	12661.7	21.13217	30.941727	48.793526
10/13/2009 5:50	12666.7	21.130852	30.940231	48.790482
10/13/2009 5:55	12671.7	21.131306	30.939713	48.791531
10/13/2009 6:00	12676.7	21.133202	30.942734	48.795906
10/13/2009 6:05	12681.7	21.131933	30.943222	48.79298
10/13/2009 6:10	12686.7	21.13217	30.940231	48.793526
10/13/2009 6:15	12691.7	21.131193	30.939713	48.791271
10/13/2009 6:20	12696.7	21.130266	30.941727	48.789131
10/13/2009 6:25	12701.7	21.128029	30.943222	48.783962
10/13/2009 6:30	12706.7	21.126589	30.941727	48.78064
10/13/2009 6:35	12711.7	21.126251	30.940231	48.779861
10/13/2009 6:40	12716.7	21.125854	30.942734	48.778942
10/13/2009 6:45	12721.7	21.125034	30.94072	48.77705
10/13/2009 6:50	12726.7	21.123375	30.94072	48.773216
10/13/2009 6:55	12731.7	21.124706	30.940231	48.776291
10/13/2009 7:00	12736.7	21.12108	30.945236	48.767921
10/13/2009 7:05	12741.7	21.120787	30.942734	48.767242
10/13/2009 7:10	12746.7	21.11936	30.94072	48.763947
10/13/2009 7:15	12751.7	21.118441	30.94072	48.761826

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/13/2009 7:20	12756.7	21.11941	30.941238	48.764061
10/13/2009 7:25	12761.7	21.117403	30.943222	48.75943
10/13/2009 7:30	12766.7	21.11528	30.941727	48.754528
10/13/2009 7:35	12771.7	21.116079	30.94072	48.756374
10/13/2009 7:40	12776.7	21.113384	30.941238	48.750153
10/13/2009 7:45	12781.7	21.112862	30.941727	48.748943
10/13/2009 7:50	12786.7	21.111425	30.94072	48.745628
10/13/2009 7:55	12791.7	21.111538	30.94072	48.745888
10/13/2009 8:00	12796.7	21.109364	30.941238	48.740868
10/13/2009 8:05	12801.7	21.10976	30.939713	48.741783
10/13/2009 8:10	12806.7	21.111315	30.941238	48.745369
10/13/2009 8:15	12811.7	21.109474	30.938736	48.741123
10/13/2009 8:20	12816.7	21.108959	30.941727	48.739933
10/13/2009 8:25	12821.7	21.109417	30.941727	48.74099
10/13/2009 8:30	12826.7	21.109304	30.941238	48.74073
10/13/2009 8:35	12831.7	21.104761	30.94072	48.73024
10/13/2009 8:40	12836.7	21.102699	30.941238	48.725479
10/13/2009 8:45	12841.7	21.102179	30.941727	48.724277
10/13/2009 8:50	12846.7	21.100222	30.939224	48.719757
10/13/2009 8:55	12851.7	21.102407	30.941727	48.724808
10/13/2009 9:00	12856.7	21.101091	30.942734	48.721767
10/13/2009 9:05	12861.7	21.098042	30.938736	48.714722
10/13/2009 9:10	12866.7	21.099197	30.939713	48.717392
10/13/2009 9:15	12871.7	21.097754	30.939713	48.714062
10/13/2009 9:20	12876.7	21.096781	30.942245	48.711815
10/13/2009 9:25	12881.7	21.097183	30.943222	48.712742
10/13/2009 9:30	12886.7	21.097063	30.942734	48.712467
10/13/2009 9:35	12891.7	21.095976	30.937729	48.709953
10/13/2009 9:40	12896.7	21.097063	30.942734	48.712467
10/13/2009 9:45	12901.7	21.094826	30.942245	48.707298
10/13/2009 9:50	12906.7	21.093332	30.94072	48.70385
10/13/2009 9:55	12911.7	21.096844	30.94072	48.711956
10/13/2009 10:00	12916.7	21.095341	30.939224	48.708488
10/13/2009 10:05	12921.7	21.096844	30.941238	48.711956
10/13/2009 10:10	12926.7	21.097467	30.940231	48.713398
10/13/2009 10:15	12931.7	21.095686	30.942245	48.709286
10/13/2009 10:20	12936.7	21.098732	30.939713	48.71632
10/13/2009 10:25	12941.7	21.09586	30.942734	48.709686
10/13/2009 10:30	12946.7	21.098387	30.939713	48.715523
10/13/2009 10:35	12951.7	21.097984	30.941238	48.714592
10/13/2009 10:40	12956.7	21.097866	30.941727	48.714321
10/13/2009 10:45	12961.7	21.098097	30.942734	48.714851
10/13/2009 10:50	12966.7	21.100687	30.942734	48.720829
10/13/2009 10:55	12971.7	21.099073	30.939713	48.717106

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/13/2009 11:00	12976.7	21.098965	30.941727	48.716858
10/13/2009 11:05	12981.7	21.098154	30.938736	48.714981
10/13/2009 11:10	12986.7	21.099249	30.944229	48.71751
10/13/2009 11:15	12991.7	21.099882	30.942734	48.718975
10/13/2009 11:20	12996.7	21.098503	30.943222	48.71579
10/13/2009 11:25	13001.7	21.099363	30.939224	48.717773
10/13/2009 11:30	13006.7	21.099016	30.941238	48.716976
10/13/2009 11:35	13011.7	21.099249	30.940231	48.71751
10/13/2009 11:40	13016.7	21.097813	30.938736	48.714195
10/13/2009 11:45	13021.7	21.098337	30.943222	48.715408
10/13/2009 11:50	13026.7	21.097813	30.941238	48.714195
10/13/2009 11:55	13031.7	21.097586	30.939713	48.713673
10/13/2009 12:00	13036.7	21.098387	30.938736	48.715523
10/13/2009 12:05	13041.7	21.098213	30.943222	48.715122
10/13/2009 12:10	13046.7	21.097012	30.941238	48.712349
10/13/2009 12:15	13051.7	21.100222	30.941238	48.719757
10/13/2009 12:20	13056.7	21.102587	30.940231	48.72522
10/13/2009 12:25	13061.7	21.101946	30.939713	48.723736
10/13/2009 12:30	13066.7	21.103041	30.937729	48.726265
10/13/2009 12:35	13071.7	21.102062	30.943222	48.724007
10/13/2009 12:40	13076.7	21.101027	30.94072	48.721619
10/13/2009 12:45	13081.7	21.101946	30.941238	48.723736
10/13/2009 12:50	13086.7	21.10327	30.94072	48.726795
10/13/2009 12:55	13091.7	21.099882	30.940231	48.718975
10/13/2009 13:00	13096.7	21.10322	30.941238	48.726681
10/13/2009 13:05	13101.7	21.103851	30.938736	48.728138
10/13/2009 13:10	13106.7	21.104136	30.939713	48.728798
10/13/2009 13:15	13111.7	21.101547	30.937729	48.722816
10/13/2009 13:20	13116.7	21.104593	30.940231	48.729851
10/13/2009 13:25	13121.7	21.10327	30.939713	48.726795
10/13/2009 13:30	13126.7	21.10499	30.939224	48.730766
10/13/2009 13:35	13131.7	21.107573	30.941727	48.736729
10/13/2009 13:40	13136.7	21.106319	30.940231	48.733837
10/13/2009 13:45	13141.7	21.107347	30.939224	48.736214
10/13/2009 13:50	13146.7	21.10729	30.941727	48.736076
10/13/2009 13:55	13151.7	21.107405	30.941727	48.736343
10/13/2009 14:00	13156.7	21.111141	30.94371	48.744968
10/13/2009 14:05	13161.7	21.110571	30.942245	48.743656
10/13/2009 14:10	13166.7	21.110624	30.940231	48.743778
10/13/2009 14:15	13171.7	21.111141	30.941727	48.744968
10/13/2009 14:20	13176.7	21.10965	30.943222	48.741528
10/13/2009 14:25	13181.7	21.110283	30.939713	48.742989
10/13/2009 14:30	13186.7	21.11091	30.941238	48.744438
10/13/2009 14:35	13191.7	21.111425	30.940231	48.745628

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/13/2009 14:40	13196.7	21.110624	30.941238	48.743778
10/13/2009 14:45	13201.7	21.11413	30.939224	48.751873
10/13/2009 14:50	13206.7	21.111835	30.939224	48.746571
10/13/2009 14:55	13211.7	21.111891	30.940231	48.746704
10/13/2009 15:00	13216.7	21.114475	30.940231	48.752666
10/13/2009 15:05	13221.7	21.113613	30.94072	48.750679
10/13/2009 15:10	13226.7	21.113846	30.942245	48.751217
10/13/2009 15:15	13231.7	21.109533	30.941727	48.741261
10/13/2009 15:20	13236.7	21.109823	30.942734	48.741928
10/13/2009 15:25	13241.7	21.110685	30.941238	48.743919
10/13/2009 15:30	13246.7	21.110741	30.939713	48.744045
10/13/2009 15:35	13251.7	21.108553	30.94072	48.738995
10/13/2009 15:40	13256.7	21.109877	30.941727	48.74205
10/13/2009 15:45	13261.7	21.108677	30.942245	48.739281
10/13/2009 15:50	13266.7	21.109241	30.94072	48.740585
10/13/2009 15:55	13271.7	21.111656	30.941727	48.746159
10/13/2009 16:00	13276.7	21.111025	30.941238	48.744705
10/13/2009 16:05	13281.7	21.109131	30.94072	48.740326
10/13/2009 16:10	13286.7	21.10976	30.942245	48.741783
10/13/2009 16:15	13291.7	21.111597	30.94072	48.746021
10/13/2009 16:20	13296.7	21.111366	30.939224	48.745491
10/13/2009 16:25	13301.7	21.111025	30.94072	48.744705
10/13/2009 16:30	13306.7	21.109991	30.939224	48.742313
10/13/2009 16:35	13311.7	21.110283	30.941238	48.742989
10/13/2009 16:40	13316.7	21.110851	30.939713	48.744305
10/13/2009 16:45	13321.7	21.109304	30.939224	48.74073
10/13/2009 16:50	13326.7	21.110741	30.94072	48.744045
10/13/2009 16:55	13331.7	21.109417	30.942734	48.74099
10/13/2009 17:00	13336.7	21.109877	30.938217	48.74205
10/13/2009 17:05	13341.7	21.109015	30.938217	48.740059
10/13/2009 17:10	13346.7	21.109304	30.940231	48.74073
10/13/2009 17:15	13351.7	21.109934	30.94072	48.742184
10/13/2009 17:20	13356.7	21.109991	30.940231	48.742313
10/13/2009 17:25	13361.7	21.108959	30.94072	48.739933
10/13/2009 17:30	13366.7	21.109304	30.939224	48.74073
10/13/2009 17:35	13371.7	21.110394	30.940231	48.743244
10/13/2009 17:40	13376.7	21.109076	30.940231	48.7402
10/13/2009 17:45	13381.7	21.107924	30.941238	48.737541
10/13/2009 17:50	13386.7	21.108154	30.939224	48.738075
10/13/2009 17:55	13391.7	21.107573	30.940231	48.736729
10/13/2009 18:00	13396.7	21.10844	30.941727	48.738735
10/13/2009 18:05	13401.7	21.110052	30.939713	48.742455
10/13/2009 18:10	13406.7	21.108263	30.941238	48.738323
10/13/2009 18:15	13411.7	21.106831	30.94072	48.735016

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/13/2009 18:20	13416.7	21.108036	30.94072	48.737801
10/13/2009 18:25	13421.7	21.105511	30.940231	48.731968
10/13/2009 18:30	13426.7	21.105455	30.941238	48.731846
10/13/2009 18:35	13431.7	21.106142	30.940231	48.733429
10/13/2009 18:40	13436.7	21.107061	30.941238	48.735554
10/13/2009 18:45	13441.7	21.102062	30.941727	48.724007
10/13/2009 18:50	13446.7	21.103325	30.941238	48.726921
10/13/2009 18:55	13451.7	21.101889	30.94072	48.723606
10/13/2009 19:00	13456.7	21.102751	30.939224	48.725597
10/13/2009 19:05	13461.7	21.103041	30.940231	48.726265
10/13/2009 19:10	13466.7	21.102007	30.940231	48.723877
10/13/2009 19:15	13471.7	21.101946	30.938736	48.723736
10/13/2009 19:20	13476.7	21.099422	30.941238	48.717911
10/13/2009 19:25	13481.7	21.098965	30.942245	48.716858
10/13/2009 19:30	13486.7	21.09724	30.945724	48.712875
10/13/2009 19:35	13491.7	21.0958	30.939224	48.709553
10/13/2009 19:40	13496.7	21.095743	30.940231	48.709419
10/13/2009 19:45	13501.7	21.094303	30.940231	48.706093
10/13/2009 19:50	13506.7	21.094023	30.942245	48.705444
10/13/2009 19:55	13511.7	21.094479	30.944229	48.706497
10/13/2009 20:00	13516.7	21.093105	30.938736	48.703327
10/13/2009 20:05	13521.7	21.094658	30.939713	48.706909
10/13/2009 20:10	13526.7	21.092756	30.941238	48.702522
10/13/2009 20:15	13531.7	21.093271	30.938217	48.703709
10/13/2009 20:20	13536.7	21.09201	30.940231	48.700798
10/13/2009 20:25	13541.7	21.093155	30.939713	48.703442
10/13/2009 20:30	13546.7	21.091896	30.938217	48.700535
10/13/2009 20:35	13551.7	21.09034	30.939713	48.696941
10/13/2009 20:40	13556.7	21.089308	30.937729	48.694557
10/13/2009 20:45	13561.7	21.089531	30.94072	48.695072
10/13/2009 20:50	13566.7	21.089256	30.94072	48.694439
10/13/2009 20:55	13571.7	21.08564	30.941727	48.686089
10/13/2009 21:00	13576.7	21.087643	30.940231	48.690716
10/13/2009 21:05	13581.7	21.086378	30.938736	48.687794
10/13/2009 21:10	13586.7	21.086319	30.941238	48.68766
10/13/2009 21:15	13591.7	21.084713	30.938217	48.683949
10/13/2009 21:20	13596.7	21.083447	30.94072	48.681026
10/13/2009 21:25	13601.7	21.084429	30.939224	48.683292
10/13/2009 21:30	13606.7	21.084145	30.939713	48.682636
10/13/2009 21:35	13611.7	21.084429	30.942245	48.683292
10/13/2009 21:40	13616.7	21.082474	30.94072	48.67878
10/13/2009 21:45	13621.7	21.081606	30.941238	48.676773
10/13/2009 21:50	13626.7	21.081274	30.94072	48.67601
10/13/2009 21:55	13631.7	21.080116	30.942245	48.673336

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/13/2009 22:00	13636.7	21.080061	30.941238	48.673206
10/13/2009 22:05	13641.7	21.078112	30.939713	48.668709
10/13/2009 22:10	13646.7	21.078505	30.940231	48.669613
10/13/2009 22:15	13651.7	21.076441	30.943222	48.664845
10/13/2009 22:20	13656.7	21.077013	30.939224	48.666168
10/13/2009 22:25	13661.7	21.076441	30.941238	48.664845
10/13/2009 22:30	13666.7	21.075287	30.942245	48.662186
10/13/2009 22:35	13671.7	21.075638	30.939713	48.662994
10/13/2009 22:40	13676.7	21.075006	30.940231	48.661537
10/13/2009 22:45	13681.7	21.075178	30.940231	48.661934
10/13/2009 22:50	13686.7	21.075287	30.940231	48.662186
10/13/2009 22:55	13691.7	21.074146	30.943222	48.659554
10/13/2009 23:00	13696.7	21.07357	30.941238	48.658218
10/13/2009 23:05	13701.7	21.074661	30.940231	48.66074
10/13/2009 23:10	13706.7	21.074028	30.938736	48.659279
10/13/2009 23:15	13711.7	21.073462	30.939224	48.65797
10/13/2009 23:20	13716.7	21.072992	30.942245	48.656887
10/13/2009 23:25	13721.7	21.077702	30.938217	48.667759
10/13/2009 23:30	13726.7	21.077826	30.938736	48.668045
10/13/2009 23:35	13731.7	21.0769	30.941238	48.665909
10/13/2009 23:40	13736.7	21.075869	30.938736	48.663528
10/13/2009 23:45	13741.7	21.076612	30.938736	48.665245
10/13/2009 23:50	13746.7	21.075981	30.938736	48.663788
10/13/2009 23:55	13751.7	21.076731	30.942245	48.66552
10/14/2009 0:00	13756.7	21.075981	30.938736	48.663788
10/14/2009 0:05	13761.7	21.07472	30.939713	48.660877
10/14/2009 0:10	13766.7	21.076672	30.942245	48.665386
10/14/2009 0:15	13771.7	21.074375	30.939713	48.66008
10/14/2009 0:20	13776.7	21.075981	30.938736	48.663788
10/14/2009 0:25	13781.7	21.076271	30.938217	48.664455
10/14/2009 0:30	13786.7	21.075006	30.941238	48.661537
10/14/2009 0:35	13791.7	21.074375	30.940231	48.66008
10/14/2009 0:40	13796.7	21.074429	30.938736	48.660202
10/14/2009 0:45	13801.7	21.074203	30.936722	48.659683
10/14/2009 0:50	13806.7	21.074837	30.936722	48.661144
10/14/2009 0:55	13811.7	21.073854	30.938217	48.658875
10/14/2009 1:00	13816.7	21.074203	30.939224	48.659683
10/14/2009 1:05	13821.7	21.07288	30.940231	48.656628
10/14/2009 1:10	13826.7	21.072647	30.939224	48.65609
10/14/2009 1:15	13831.7	21.073509	30.937241	48.658077
10/14/2009 1:20	13836.7	21.072481	30.940231	48.655704
10/14/2009 1:25	13841.7	21.073284	30.939713	48.657558
10/14/2009 1:30	13846.7	21.072763	30.94072	48.656357
10/14/2009 1:35	13851.7	21.071272	30.940231	48.652916

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/14/2009 1:40	13856.7	21.07288	30.942734	48.656628
10/14/2009 1:45	13861.7	21.073915	30.941238	48.659019
10/14/2009 1:50	13866.7	21.074203	30.941727	48.659683
10/14/2009 1:55	13871.7	21.073112	30.940231	48.657166
10/14/2009 2:00	13876.7	21.073341	30.941727	48.657692
10/14/2009 2:05	13881.7	21.073284	30.939224	48.657558
10/14/2009 2:10	13886.7	21.073915	30.939713	48.659019
10/14/2009 2:15	13891.7	21.073795	30.94072	48.658737
10/14/2009 2:20	13896.7	21.073742	30.941727	48.658615
10/14/2009 2:25	13901.7	21.073915	30.94072	48.659019
10/14/2009 2:30	13906.7	21.074203	30.94072	48.659683
10/14/2009 2:35	13911.7	21.07472	30.939224	48.660877
10/14/2009 2:40	13916.7	21.07472	30.941238	48.660877
10/14/2009 2:45	13921.7	21.075287	30.938736	48.662186
10/14/2009 2:50	13926.7	21.07523	30.939224	48.662052
10/14/2009 2:55	13931.7	21.075697	30.941238	48.663132
10/14/2009 3:00	13936.7	21.075287	30.94072	48.662186
10/14/2009 3:05	13941.7	21.075869	30.942734	48.663528
10/14/2009 3:10	13946.7	21.076612	30.939713	48.665245
10/14/2009 3:15	13951.7	21.076214	30.941238	48.664322
10/14/2009 3:20	13956.7	21.075869	30.939224	48.663528
10/14/2009 3:25	13961.7	21.075697	30.939713	48.663132
10/14/2009 3:30	13966.7	21.076731	30.941727	48.66552
10/14/2009 3:35	13971.7	21.075981	30.942245	48.663788
10/14/2009 3:40	13976.7	21.073854	30.940231	48.658875
10/14/2009 3:45	13981.7	21.074028	30.939713	48.659279
10/14/2009 3:50	13986.7	21.076271	30.940231	48.664455
10/14/2009 3:55	13991.7	21.074778	30.939224	48.661007
10/14/2009 4:00	13996.7	21.076326	30.939224	48.664585
10/14/2009 4:05	14001.7	21.076382	30.941238	48.664711
10/14/2009 4:10	14006.7	21.076092	30.939224	48.664043
10/14/2009 4:15	14011.7	21.075815	30.939713	48.663403
10/14/2009 4:20	14016.7	21.078161	30.939713	48.668823
10/14/2009 4:25	14021.7	21.073683	30.939224	48.658478
10/14/2009 4:30	14026.7	21.074429	30.939224	48.660202
10/14/2009 4:35	14031.7	21.071669	30.940231	48.653828
10/14/2009 4:40	14036.7	21.070236	30.941727	48.650524
10/14/2009 4:45	14041.7	21.070236	30.940231	48.650524
10/14/2009 4:50	14046.7	21.070236	30.937241	48.650524
10/14/2009 4:55	14051.7	21.07115	30.940231	48.65263
10/14/2009 5:00	14056.7	21.070702	30.939224	48.651596
10/14/2009 5:05	14061.7	21.071962	30.939713	48.654507
10/14/2009 5:10	14066.7	21.070118	30.939224	48.650249
10/14/2009 5:15	14071.7	21.068451	30.939224	48.646397

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/14/2009 5:20	14076.7	21.068102	30.942245	48.645596
10/14/2009 5:25	14081.7	21.067938	30.940231	48.645214
10/14/2009 5:30	14086.7	21.065807	30.94072	48.640297
10/14/2009 5:35	14091.7	21.064724	30.939713	48.637798
10/14/2009 5:40	14096.7	21.06369	30.938736	48.635406
10/14/2009 5:45	14101.7	21.063116	30.94072	48.634083
10/14/2009 5:50	14106.7	21.06288	30.939713	48.633537
10/14/2009 5:55	14111.7	21.063345	30.942245	48.634613
10/14/2009 6:00	14116.7	21.061562	30.939224	48.630493
10/14/2009 6:05	14121.7	21.063801	30.939224	48.635662
10/14/2009 6:10	14126.7	21.06139	30.938736	48.630096
10/14/2009 6:15	14131.7	21.06208	30.940231	48.631691
10/14/2009 6:20	14136.7	21.061735	30.939713	48.630894
10/14/2009 6:25	14141.7	21.059549	30.938217	48.625847
10/14/2009 6:30	14146.7	21.060472	30.938217	48.627979
10/14/2009 6:35	14151.7	21.058517	30.940231	48.623463
10/14/2009 6:40	14156.7	21.060701	30.941727	48.62851
10/14/2009 6:45	14161.7	21.058062	30.938736	48.622414
10/14/2009 6:50	14166.7	21.058914	30.938736	48.624378
10/14/2009 6:55	14171.7	21.059727	30.94072	48.626255
10/14/2009 7:00	14176.7	21.059778	30.937729	48.626373
10/14/2009 7:05	14181.7	21.05691	30.939224	48.619755
10/14/2009 7:10	14186.7	21.059727	30.939713	48.626255
10/14/2009 7:15	14191.7	21.056219	30.938736	48.618156
10/14/2009 7:20	14196.7	21.054327	30.94072	48.613789
10/14/2009 7:25	14201.7	21.054499	30.942245	48.614185
10/14/2009 7:30	14206.7	21.053692	30.938217	48.612324
10/14/2009 7:35	14211.7	21.053745	30.939224	48.612446
10/14/2009 7:40	14216.7	21.052429	30.938736	48.609409
10/14/2009 7:45	14221.7	21.051052	30.94072	48.606228
10/14/2009 7:50	14226.7	21.049036	30.939224	48.60157
10/14/2009 7:55	14231.7	21.048582	30.938217	48.600525
10/14/2009 8:00	14236.7	21.047256	30.938217	48.597462
10/14/2009 8:05	14241.7	21.045986	30.939713	48.594532
10/14/2009 8:10	14246.7	21.046741	30.940231	48.596272
10/14/2009 8:15	14251.7	21.046619	30.939713	48.595989
10/14/2009 8:20	14256.7	21.045309	30.94072	48.592964
10/14/2009 8:25	14261.7	21.044847	30.939713	48.5919
10/14/2009 8:30	14266.7	21.044037	30.938217	48.590031
10/14/2009 8:35	14271.7	21.043755	30.938736	48.589375
10/14/2009 8:40	14276.7	21.042892	30.939224	48.587387
10/14/2009 8:45	14281.7	21.04151	30.94072	48.584194
10/14/2009 8:50	14286.7	21.041105	30.938217	48.58326
10/14/2009 8:55	14291.7	21.040833	30.939713	48.58263

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/14/2009 9:00	14296.7	21.041395	30.940231	48.583931
10/14/2009 9:05	14301.7	21.041456	30.94371	48.584072
10/14/2009 9:10	14306.7	21.039152	30.941238	48.578751
10/14/2009 9:15	14311.7	21.040937	30.940231	48.582874
10/14/2009 9:20	14316.7	21.041395	30.940231	48.583931
10/14/2009 9:25	14321.7	21.040989	30.937241	48.582993
10/14/2009 9:30	14326.7	21.040539	30.938217	48.581955
10/14/2009 9:35	14331.7	21.040251	30.94072	48.581287
10/14/2009 9:40	14336.7	21.039497	30.939713	48.579548
10/14/2009 9:45	14341.7	21.038586	30.938217	48.577442
10/14/2009 9:50	14346.7	21.041395	30.938217	48.583931
10/14/2009 9:55	14351.7	21.041571	30.937729	48.584335
10/14/2009 10:00	14356.7	21.040186	30.938736	48.581139
10/14/2009 10:05	14361.7	21.040302	30.939713	48.581406
10/14/2009 10:10	14366.7	21.040419	30.939713	48.581676
10/14/2009 10:15	14371.7	21.040989	30.937241	48.582993
10/14/2009 10:20	14376.7	21.041855	30.939713	48.584991
10/14/2009 10:25	14381.7	21.044498	30.938217	48.591095
10/14/2009 10:30	14386.7	21.044094	30.939713	48.590164
10/14/2009 10:35	14391.7	21.045078	30.94072	48.592434
10/14/2009 10:40	14396.7	21.044561	30.939224	48.59124
10/14/2009 10:45	14401.7	21.042664	30.939224	48.586857
10/14/2009 10:50	14406.7	21.045931	30.939224	48.594402
10/14/2009 10:55	14411.7	21.038074	30.939713	48.576263
10/14/2009 11:00	14416.7	21.043287	30.937241	48.588299
10/14/2009 11:05	14421.7	21.043062	30.936722	48.58778
10/14/2009 11:10	14426.7	21.043062	30.938736	48.58778
10/14/2009 11:15	14431.7	21.044094	30.938217	48.590164
10/14/2009 11:20	14436.7	21.042953	30.939224	48.587528
10/14/2009 11:25	14441.7	21.043982	30.940231	48.589901
10/14/2009 11:30	14446.7	21.045015	30.939713	48.592289
10/14/2009 11:35	14451.7	21.044905	30.939224	48.592033
10/14/2009 11:40	14456.7	21.043865	30.94072	48.58963
10/14/2009 11:45	14461.7	21.043175	30.940231	48.588039
10/14/2009 11:50	14466.7	21.045473	30.937241	48.593346
10/14/2009 11:55	14471.7	21.045248	30.938217	48.592823
10/14/2009 12:00	14476.7	21.045767	30.936722	48.594025
10/14/2009 12:05	14481.7	21.046047	30.94072	48.594673
10/14/2009 12:10	14486.7	21.04743	30.941727	48.597862
10/14/2009 12:15	14491.7	21.046862	30.938736	48.596554
10/14/2009 12:20	14496.7	21.047083	30.94072	48.597061
10/14/2009 12:25	14501.7	21.048056	30.939224	48.599308
10/14/2009 12:30	14506.7	21.049959	30.937729	48.603706
10/14/2009 12:35	14511.7	21.049959	30.939713	48.603706

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/14/2009 12:40	14516.7	21.051455	30.937729	48.607155
10/14/2009 12:45	14521.7	21.052717	30.943222	48.610073
10/14/2009 12:50	14526.7	21.052252	30.941238	48.609001
10/14/2009 12:55	14531.7	21.052834	30.938736	48.61034
10/14/2009 13:00	14536.7	21.055065	30.938217	48.615494
10/14/2009 13:05	14541.7	21.053347	30.938217	48.611523
10/14/2009 13:10	14546.7	21.054499	30.940231	48.614185
10/14/2009 13:15	14551.7	21.057194	30.938736	48.620407
10/14/2009 13:20	14556.7	21.058004	30.938217	48.62228
10/14/2009 13:25	14561.7	21.058689	30.939713	48.623859
10/14/2009 13:30	14566.7	21.060123	30.937241	48.627171
10/14/2009 13:35	14571.7	21.060242	30.938217	48.627445
10/14/2009 13:40	14576.7	21.061043	30.941238	48.629295
10/14/2009 13:45	14581.7	21.060179	30.937729	48.6273
10/14/2009 13:50	14586.7	21.06208	30.939713	48.631691
10/14/2009 13:55	14591.7	21.060757	30.94072	48.628635
10/14/2009 14:00	14596.7	21.064322	30.94072	48.636864
10/14/2009 14:05	14601.7	21.06369	30.941727	48.635406
10/14/2009 14:10	14606.7	21.066444	30.938736	48.641769
10/14/2009 14:15	14611.7	21.066618	30.939224	48.64217
10/14/2009 14:20	14616.7	21.067251	30.938736	48.643631
10/14/2009 14:25	14621.7	21.067364	30.943222	48.64389
10/14/2009 14:30	14626.7	21.067364	30.939224	48.64389
10/14/2009 14:35	14631.7	21.068344	30.938217	48.646152
10/14/2009 14:40	14636.7	21.069834	30.939713	48.649597
10/14/2009 14:45	14641.7	21.070871	30.938736	48.651989
10/14/2009 14:50	14646.7	21.070463	30.938217	48.651047
10/14/2009 14:55	14651.7	21.070524	30.937241	48.651188
10/14/2009 15:00	14656.7	21.069952	30.939224	48.649868
10/14/2009 15:05	14661.7	21.071215	30.936722	48.652786
10/14/2009 15:10	14666.7	21.071272	30.937241	48.652916
10/14/2009 15:15	14671.7	21.07144	30.937729	48.653305
10/14/2009 15:20	14676.7	21.0734	30.939224	48.657829
10/14/2009 15:25	14681.7	21.073915	30.939713	48.659019
10/14/2009 15:30	14686.7	21.072992	30.941238	48.656887
10/14/2009 15:35	14691.7	21.07575	30.938217	48.663254
10/14/2009 15:40	14696.7	21.077477	30.941238	48.66724
10/14/2009 15:45	14701.7	21.074484	30.938217	48.660332
10/14/2009 15:50	14706.7	21.076612	30.936234	48.665245
10/14/2009 15:55	14711.7	21.077826	30.939713	48.668045
10/14/2009 16:00	14716.7	21.07863	30.937729	48.669907
10/14/2009 16:05	14721.7	21.077761	30.939224	48.667892
10/14/2009 16:10	14726.7	21.078222	30.938736	48.668964
10/14/2009 16:15	14731.7	21.079319	30.940231	48.671494

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/14/2009 16:20	14736.7	21.079657	30.937729	48.672276
10/14/2009 16:25	14741.7	21.080921	30.938217	48.675194
10/14/2009 16:30	14746.7	21.081095	30.939713	48.675594
10/14/2009 16:35	14751.7	21.081839	30.941238	48.677311
10/14/2009 16:40	14756.7	21.082188	30.937729	48.67812
10/14/2009 16:45	14761.7	21.082418	30.937241	48.67865
10/14/2009 16:50	14766.7	21.081673	30.94072	48.676926
10/14/2009 16:55	14771.7	21.08362	30.940231	48.681427
10/14/2009 17:00	14776.7	21.084654	30.938217	48.683811
10/14/2009 17:05	14781.7	21.085003	30.942245	48.68462
10/14/2009 17:10	14786.7	21.085459	30.942245	48.685673
10/14/2009 17:15	14791.7	21.085573	30.942245	48.685936
10/14/2009 17:20	14796.7	21.085403	30.938217	48.685543
10/14/2009 17:25	14801.7	21.083504	30.938736	48.681156
10/14/2009 17:30	14806.7	21.084024	30.937729	48.682358
10/14/2009 17:35	14811.7	21.085804	30.942245	48.686466
10/14/2009 17:40	14816.7	21.083965	30.942734	48.682224
10/14/2009 17:45	14821.7	21.082878	30.941238	48.67971
10/14/2009 17:50	14826.7	21.08477	30.936722	48.684082
10/14/2009 17:55	14831.7	21.081898	30.938736	48.677444
10/14/2009 18:00	14836.7	21.083914	30.938217	48.682106
10/14/2009 18:05	14841.7	21.08374	30.942734	48.681705
10/14/2009 18:10	14846.7	21.084948	30.938736	48.684494
10/14/2009 18:15	14851.7	21.083849	30.935226	48.681953
10/14/2009 18:20	14856.7	21.08569	30.937241	48.686203
10/14/2009 18:25	14861.7	21.083279	30.942734	48.680634
10/14/2009 18:30	14866.7	21.083683	30.939713	48.681572
10/14/2009 18:35	14871.7	21.084196	30.938217	48.682755
10/14/2009 18:40	14876.7	21.08317	30.938736	48.680386
10/14/2009 18:45	14881.7	21.08305	30.937729	48.680107
10/14/2009 18:50	14886.7	21.081039	30.939713	48.675468
10/14/2009 18:55	14891.7	21.079544	30.939713	48.672016
10/14/2009 19:00	14896.7	21.079483	30.938736	48.671875
10/14/2009 19:05	14901.7	21.07943	30.941727	48.671753
10/14/2009 19:10	14906.7	21.077702	30.936234	48.667759
10/14/2009 19:15	14911.7	21.079948	30.944229	48.672947
10/14/2009 19:20	14916.7	21.078335	30.937729	48.669224
10/14/2009 19:25	14921.7	21.077646	30.937729	48.667629
10/14/2009 19:30	14926.7	21.076153	30.938736	48.664185
10/14/2009 19:35	14931.7	21.078161	30.94072	48.668823
10/14/2009 19:40	14936.7	21.079203	30.942245	48.671227
10/14/2009 19:45	14941.7	21.077702	30.939713	48.667759
10/14/2009 19:50	14946.7	21.076382	30.938736	48.664711
10/14/2009 19:55	14951.7	21.075638	30.938736	48.662994

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/14/2009 20:00	14956.7	21.077192	30.936722	48.666584
10/14/2009 20:05	14961.7	21.075407	30.938736	48.66246
10/14/2009 20:10	14966.7	21.075287	30.94072	48.662186
10/14/2009 20:15	14971.7	21.07575	30.940231	48.663254
10/14/2009 20:20	14976.7	21.076731	30.939224	48.66552
10/14/2009 20:25	14981.7	21.075006	30.937241	48.661537
10/14/2009 20:30	14986.7	21.077253	30.936722	48.666725
10/14/2009 20:35	14991.7	21.078222	30.939224	48.668964
10/14/2009 20:40	14996.7	21.075697	30.940231	48.663132
10/14/2009 20:45	15001.7	21.076672	30.937729	48.665386
10/14/2009 20:50	15006.7	21.078222	30.942245	48.668964
10/14/2009 20:55	15011.7	21.076672	30.937241	48.665386
10/14/2009 21:00	15016.7	21.076782	30.94072	48.665638
10/14/2009 21:05	15021.7	21.0769	30.939713	48.665909
10/14/2009 21:10	15026.7	21.076612	30.939224	48.665245
10/14/2009 21:15	15031.7	21.076559	30.938217	48.665123
10/14/2009 21:20	15036.7	21.075697	30.938736	48.663132
10/14/2009 21:25	15041.7	21.076214	30.938736	48.664322
10/14/2009 21:30	15046.7	21.07523	30.937729	48.662052
10/14/2009 21:35	15051.7	21.077013	30.941727	48.666168
10/14/2009 21:40	15056.7	21.07523	30.938736	48.662052
10/14/2009 21:45	15061.7	21.075521	30.939713	48.662727
10/14/2009 21:50	15066.7	21.075815	30.940231	48.663403
10/14/2009 21:55	15071.7	21.07736	30.941727	48.666969
10/14/2009 22:00	15076.7	21.077942	30.937729	48.668312
10/14/2009 22:05	15081.7	21.077192	30.938217	48.666584
10/14/2009 22:10	15086.7	21.076382	30.938217	48.664711
10/14/2009 22:15	15091.7	21.075916	30.937241	48.663639
10/14/2009 22:20	15096.7	21.07472	30.938217	48.660877
10/14/2009 22:25	15101.7	21.076092	30.940231	48.664043
10/14/2009 22:30	15106.7	21.07288	30.938217	48.656628
10/14/2009 22:35	15111.7	21.074257	30.938217	48.659805
10/14/2009 22:40	15116.7	21.073742	30.938217	48.658615
10/14/2009 22:45	15121.7	21.074316	30.937729	48.659943
10/14/2009 22:50	15126.7	21.073742	30.939224	48.658615
10/14/2009 22:55	15131.7	21.07523	30.938217	48.662052
10/14/2009 23:00	15136.7	21.075869	30.939224	48.663528
10/14/2009 23:05	15141.7	21.075006	30.937729	48.661537
10/14/2009 23:10	15146.7	21.074316	30.939713	48.659943
10/14/2009 23:15	15151.7	21.073462	30.939224	48.65797
10/14/2009 23:20	15156.7	21.074543	30.938217	48.660465
10/14/2009 23:25	15161.7	21.075006	30.938217	48.661537
10/14/2009 23:30	15166.7	21.074257	30.940231	48.659805
10/14/2009 23:35	15171.7	21.075916	30.938736	48.663639

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/14/2009 23:40	15176.7	21.076214	30.935715	48.664322
10/14/2009 23:45	15181.7	21.078571	30.939713	48.669769
10/14/2009 23:50	15186.7	21.078112	30.937729	48.668709
10/14/2009 23:55	15191.7	21.078278	30.937241	48.66909
10/15/2009 0:00	15196.7	21.077826	30.936234	48.668045
10/15/2009 0:05	15201.7	21.078451	30.939713	48.669491
10/15/2009 0:10	15206.7	21.080921	30.937729	48.675194
10/15/2009 0:15	15211.7	21.080519	30.941238	48.674263
10/15/2009 0:20	15216.7	21.080578	30.938736	48.6744
10/15/2009 0:25	15221.7	21.078571	30.939224	48.669769
10/15/2009 0:30	15226.7	21.080519	30.939224	48.674263
10/15/2009 0:35	15231.7	21.081207	30.938736	48.675854
10/15/2009 0:40	15236.7	21.079712	30.935715	48.672401
10/15/2009 0:45	15241.7	21.081959	30.937729	48.677586
10/15/2009 0:50	15246.7	21.078684	30.938736	48.670029
10/15/2009 0:55	15251.7	21.077873	30.938217	48.668152
10/15/2009 1:00	15256.7	21.078684	30.939224	48.670029
10/15/2009 1:05	15261.7	21.079544	30.937729	48.672016
10/15/2009 1:10	15266.7	21.079252	30.939224	48.671337
10/15/2009 1:15	15271.7	21.077253	30.937241	48.666725
10/15/2009 1:20	15276.7	21.076441	30.940231	48.664845
10/15/2009 1:25	15281.7	21.077589	30.939224	48.6675
10/15/2009 1:30	15286.7	21.077013	30.939224	48.666168
10/15/2009 1:35	15291.7	21.077988	30.939224	48.668423
10/15/2009 1:40	15296.7	21.07863	30.937729	48.669907
10/15/2009 1:45	15301.7	21.078743	30.938736	48.670166
10/15/2009 1:50	15306.7	21.07892	30.938217	48.67057
10/15/2009 1:55	15311.7	21.078743	30.938736	48.670166
10/15/2009 2:00	15316.7	21.077761	30.938217	48.667892
10/15/2009 2:05	15321.7	21.0788	30.938217	48.670296
10/15/2009 2:10	15326.7	21.07736	30.938217	48.666969
10/15/2009 2:15	15331.7	21.077532	30.939224	48.66737
10/15/2009 2:20	15336.7	21.07863	30.939224	48.669907
10/15/2009 2:25	15341.7	21.079483	30.938736	48.671875
10/15/2009 2:30	15346.7	21.078571	30.941238	48.669769
10/15/2009 2:35	15351.7	21.080061	30.938217	48.673206
10/15/2009 2:40	15356.7	21.080858	30.938217	48.675049
10/15/2009 2:45	15361.7	21.07937	30.938736	48.671616
10/15/2009 2:50	15366.7	21.078743	30.939224	48.670166
10/15/2009 2:55	15371.7	21.079088	30.937729	48.670959
10/15/2009 3:00	15376.7	21.080519	30.938217	48.674263
10/15/2009 3:05	15381.7	21.080578	30.938217	48.6744
10/15/2009 3:10	15386.7	21.080635	30.936234	48.674534
10/15/2009 3:15	15391.7	21.080805	30.938736	48.674927

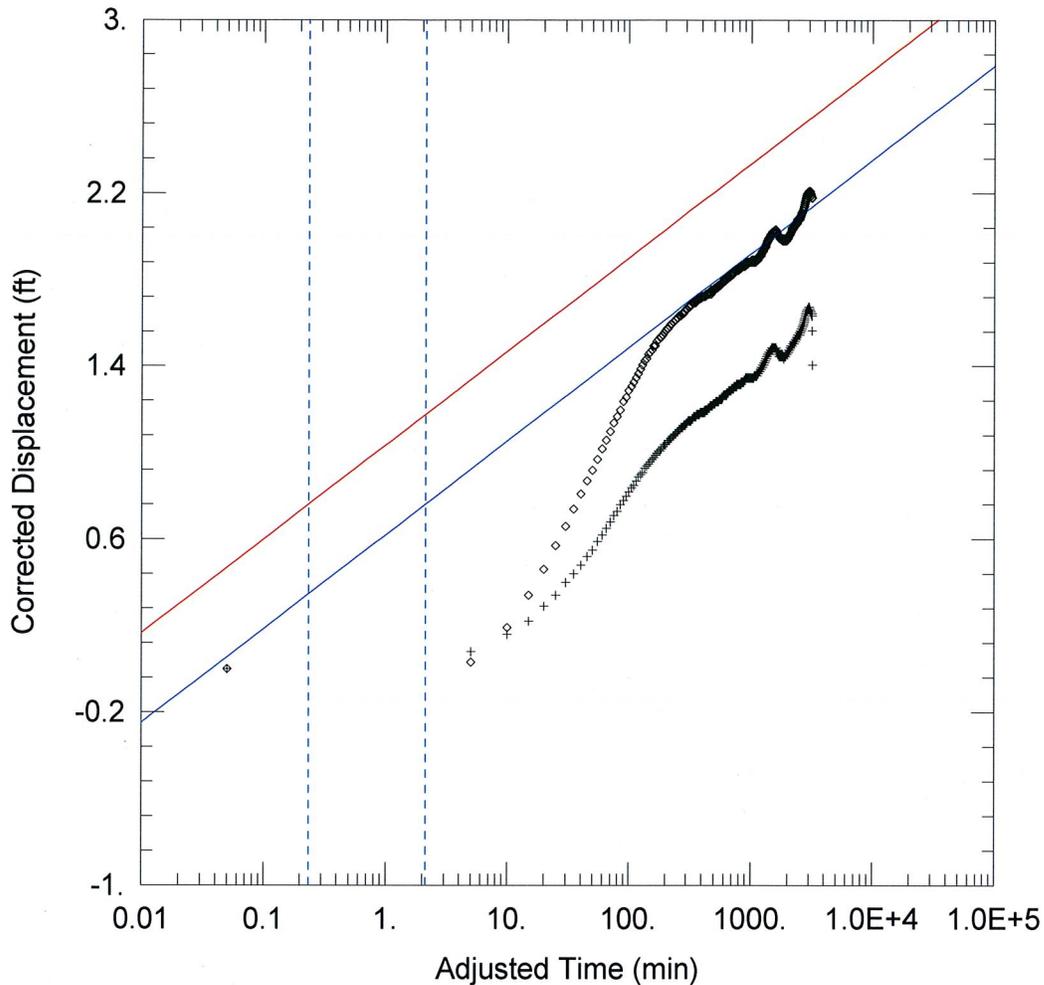
Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/15/2009 3:20	15396.7	21.080982	30.939713	48.675335
10/15/2009 3:25	15401.7	21.08	30.937241	48.673065
10/15/2009 3:30	15406.7	21.081274	30.938217	48.67601
10/15/2009 3:35	15411.7	21.08115	30.939713	48.67572
10/15/2009 3:40	15416.7	21.081501	30.936722	48.676533
10/15/2009 3:45	15421.7	21.077309	30.938217	48.666851
10/15/2009 3:50	15426.7	21.080462	30.938736	48.674133
10/15/2009 3:55	15431.7	21.079319	30.94072	48.671494
10/15/2009 4:00	15436.7	21.07708	30.934219	48.666325
10/15/2009 4:05	15441.7	21.079319	30.940231	48.671494
10/15/2009 4:10	15446.7	21.07736	30.937729	48.666969
10/15/2009 4:15	15451.7	21.077702	30.939224	48.667759
10/15/2009 4:20	15456.7	21.077646	30.937241	48.667629
10/15/2009 4:25	15461.7	21.076441	30.936722	48.664845
10/15/2009 4:30	15466.7	21.076153	30.937241	48.664185
10/15/2009 4:35	15471.7	21.07736	30.938217	48.666969
10/15/2009 4:40	15476.7	21.077477	30.937241	48.66724
10/15/2009 4:45	15481.7	21.077988	30.939713	48.668423
10/15/2009 4:50	15486.7	21.077127	30.939224	48.666435
10/15/2009 4:55	15491.7	21.075125	30.937241	48.661808
10/15/2009 5:00	15496.7	21.074316	30.94072	48.659943
10/15/2009 5:05	15501.7	21.074606	30.938217	48.660614
10/15/2009 5:10	15506.7	21.072367	30.938217	48.655441
10/15/2009 5:15	15511.7	21.073631	30.936234	48.65836
10/15/2009 5:20	15516.7	21.073168	30.937241	48.657291
10/15/2009 5:25	15521.7	21.073509	30.937241	48.658077
10/15/2009 5:30	15526.7	21.072647	30.939224	48.65609
10/15/2009 5:35	15531.7	21.071669	30.937241	48.653828
10/15/2009 5:40	15536.7	21.070061	30.94072	48.65012
10/15/2009 5:45	15541.7	21.070871	30.937729	48.651989
10/15/2009 5:50	15546.7	21.070581	30.936722	48.651321
10/15/2009 5:55	15551.7	21.068968	30.935226	48.647594
10/15/2009 6:00	15556.7	21.068796	30.935715	48.647198
10/15/2009 6:05	15561.7	21.068859	30.938736	48.647343
10/15/2009 6:10	15566.7	21.068518	30.939224	48.646553
10/15/2009 6:15	15571.7	21.068796	30.936234	48.647198
10/15/2009 6:20	15576.7	21.068518	30.939713	48.646553
10/15/2009 6:25	15581.7	21.067135	30.937729	48.643364
10/15/2009 6:30	15586.7	21.065931	30.935226	48.640587
10/15/2009 6:35	15591.7	21.066273	30.938736	48.641369
10/15/2009 6:40	15596.7	21.067305	30.936234	48.643753
10/15/2009 6:45	15601.7	21.06456	30.938217	48.637417
10/15/2009 6:50	15606.7	21.066504	30.937241	48.641903
10/15/2009 6:55	15611.7	21.064375	30.939713	48.636986

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/15/2009 7:00	15616.7	21.065582	30.941727	48.639774
10/15/2009 7:05	15621.7	21.063229	30.938217	48.634342
10/15/2009 7:10	15626.7	21.063002	30.937729	48.633816
10/15/2009 7:15	15631.7	21.060535	30.937729	48.628124
10/15/2009 7:20	15636.7	21.061789	30.938217	48.631016
10/15/2009 7:25	15641.7	21.060005	30.937729	48.6269
10/15/2009 7:30	15646.7	21.058804	30.937729	48.624123
10/15/2009 7:35	15651.7	21.058117	30.937241	48.62254
10/15/2009 7:40	15656.7	21.056625	30.938217	48.619095
10/15/2009 7:45	15661.7	21.057661	30.940231	48.62149
10/15/2009 7:50	15666.7	21.055651	30.936722	48.616848
10/15/2009 7:55	15671.7	21.051634	30.94072	48.607571
10/15/2009 8:00	15676.7	21.054604	30.937729	48.614429
10/15/2009 8:05	15681.7	21.053921	30.941238	48.61285
10/15/2009 8:10	15686.7	21.053347	30.938736	48.611523
10/15/2009 8:15	15691.7	21.053226	30.937729	48.611244
10/15/2009 8:20	15696.7	21.0522	30.937729	48.608879
10/15/2009 8:25	15701.7	21.05237	30.937729	48.609272
10/15/2009 8:30	15706.7	21.048521	30.938217	48.600384
10/15/2009 8:35	15711.7	21.051216	30.939224	48.606606
10/15/2009 8:40	15716.7	21.048405	30.937729	48.600117
10/15/2009 8:45	15721.7	21.048283	30.936722	48.599834
10/15/2009 8:50	15726.7	21.049726	30.938217	48.603168
10/15/2009 8:55	15731.7	21.050308	30.939224	48.604511
10/15/2009 9:00	15736.7	21.048405	30.938217	48.600117
10/15/2009 9:05	15741.7	21.049036	30.936722	48.60157
10/15/2009 9:10	15746.7	21.048923	30.936722	48.601311
10/15/2009 9:15	15751.7	21.049494	30.937241	48.602627
10/15/2009 9:20	15756.7	21.050076	30.938217	48.60397
10/15/2009 9:25	15761.7	21.048405	30.938217	48.600117
10/15/2009 9:30	15766.7	21.047775	30.937241	48.598663
10/15/2009 9:35	15771.7	21.047661	30.935226	48.598396
10/15/2009 9:40	15776.7	21.047142	30.937729	48.597202
10/15/2009 9:45	15781.7	21.048117	30.940231	48.599445
10/15/2009 9:50	15786.7	21.050076	30.936234	48.60397
10/15/2009 9:55	15791.7	21.049726	30.940231	48.603168
10/15/2009 10:00	15796.7	21.047775	30.939224	48.598663
10/15/2009 10:05	15801.7	21.048807	30.938736	48.601044
10/15/2009 10:10	15806.7	21.047661	30.936234	48.598396
10/15/2009 10:15	15811.7	21.049101	30.941238	48.601723
10/15/2009 10:20	15816.7	21.046619	30.937729	48.595989
10/15/2009 10:25	15821.7	21.047836	30.938736	48.598801
10/15/2009 10:30	15826.7	21.05036	30.937729	48.60463
10/15/2009 10:35	15831.7	21.050076	30.935715	48.60397

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/15/2009 10:40	15836.7	21.047487	30.935715	48.597996
10/15/2009 10:45	15841.7	21.047775	30.936234	48.598663
10/15/2009 10:50	15846.7	21.04772	30.938217	48.598534
10/15/2009 10:55	15851.7	21.050817	30.936234	48.605682
10/15/2009 11:00	15856.7	21.049385	30.938217	48.602375
10/15/2009 11:05	15861.7	21.050076	30.937729	48.60397
10/15/2009 11:10	15866.7	21.051167	30.937729	48.606495
10/15/2009 11:15	15871.7	21.051334	30.937241	48.606876
10/15/2009 11:20	15876.7	21.052137	30.939713	48.60873
10/15/2009 11:25	15881.7	21.052317	30.936722	48.60915
10/15/2009 11:30	15886.7	21.05312	30.938217	48.611
10/15/2009 11:35	15891.7	21.055302	30.937729	48.616039
10/15/2009 11:40	15896.7	21.054382	30.939713	48.613914
10/15/2009 11:45	15901.7	21.054604	30.937241	48.614429
10/15/2009 11:50	15906.7	21.055414	30.937729	48.616299
10/15/2009 11:55	15911.7	21.054327	30.938217	48.613789
10/15/2009 12:00	15916.7	21.055241	30.94072	48.615898
10/15/2009 12:05	15921.7	21.056971	30.938217	48.619892
10/15/2009 12:10	15926.7	21.056219	30.936722	48.618156
10/15/2009 12:15	15931.7	21.0576	30.936722	48.621346
10/15/2009 12:20	15936.7	21.058399	30.936234	48.623192
10/15/2009 12:25	15941.7	21.060123	30.936234	48.627171
10/15/2009 12:30	15946.7	21.061619	30.936234	48.630623
10/15/2009 12:35	15951.7	21.063229	30.937729	48.634342
10/15/2009 12:40	15956.7	21.064672	30.937729	48.63768
10/15/2009 12:45	15961.7	21.064833	30.935715	48.638046
10/15/2009 12:50	15966.7	21.065121	30.94072	48.63871
10/15/2009 12:55	15971.7	21.067648	30.935715	48.644547
10/15/2009 13:00	15976.7	21.06822	30.937729	48.645866
10/15/2009 13:05	15981.7	21.068859	30.939224	48.647343
10/15/2009 13:10	15986.7	21.069895	30.937729	48.649738
10/15/2009 13:15	15991.7	21.072367	30.936722	48.655441
10/15/2009 13:20	15996.7	21.074429	30.936234	48.660202
10/15/2009 13:25	16001.7	21.075352	30.936234	48.662338
10/15/2009 13:30	16006.7	21.075125	30.938217	48.661808
10/15/2009 13:35	16011.7	21.076839	30.939224	48.665768
10/15/2009 13:40	16016.7	21.077309	30.937241	48.666851
10/15/2009 13:45	16021.7	21.07937	30.936722	48.671616
10/15/2009 13:50	16026.7	21.080408	30.938217	48.674007
10/15/2009 13:55	16031.7	21.080805	30.935715	48.674927
10/15/2009 14:00	16036.7	21.081556	30.939224	48.676662
10/15/2009 14:05	16041.7	21.082533	30.938217	48.678917
10/15/2009 14:10	16046.7	21.083105	30.937241	48.680233
10/15/2009 14:15	16051.7	21.083914	30.936234	48.682106

Date and Time	Cumulative Time (min)	Pressure (PSI)	Temperature (C)	Water Level Above Transducer (ft)
10/15/2009 14:20	16056.7	21.086439	30.935226	48.687935
10/15/2009 14:25	16061.7	21.088276	30.937241	48.692177
10/15/2009 14:30	16066.7	21.088505	30.937241	48.692703
10/15/2009 14:35	16071.7	21.090403	30.937729	48.697086
10/15/2009 14:40	16076.7	21.091202	30.936722	48.698933
10/15/2009 14:45	16081.7	21.092693	30.939224	48.702374
10/15/2009 14:50	16086.7	21.093904	30.938217	48.70517
10/15/2009 14:55	16091.7	21.094191	30.939713	48.70583

Report Date:	10/19/2009 11:02		
Report User Name:	stonei		
Report Computer Name:	USCAM1LT226		
Well ID:	TW-1		
Log File Properties			
File Name	test well pump 300 2009-10-05 15.01.46.wsl		
Device Properties			
Device	Level TROLL 700		
Site	blythe		
Device Name			
Serial Number	149724		
Firmware Version	2.07		
Hardware Version	3		
Log Configuration			
	Log Name	test well pump 300	
	Created By	Unknown	
	Computer Name	Field PC	
	Application	WinSituMobile.exe	
	Application Version	5.5.9.2	
	Create Date	10/4/2009 10:16	
	Notes Size(bytes)	4096	
	Type	True Logarithmic	
	Overwrite when full	Disabled	
	Scheduled Start Time	10/4/2009 10:30	
	Scheduled Stop Time	No Stop Time	
	Max Interval	Days: 0 hrs: 00 mins: 20 secs: 00	
Level Reference Settings At Log Creation			
	Level Measurement Mode	Depth	
	Specific Gravity	0.999	
Sensor: Pres 231ft	Sensor: Pres 231ft	Sensor: Pres 231ft	
SN#: 149724	SN#: 149724	SN#: 149724	



### BLYTHE PUMP TEST

Data Set: C:\Documents and Settings\wilsonb\My Documents\BSPP Pump Test (combined)cjow-1.aqt  
 Date: 12/29/09 Time: 07:22:57

### PROJECT INFORMATION

Company: AECOM  
 Client: Solar Millennium  
 Project: 12944-002  
 Location: BSPP  
 Test Well: TW-1  
 Test Date: 10/6/2009

### AQUIFER DATA

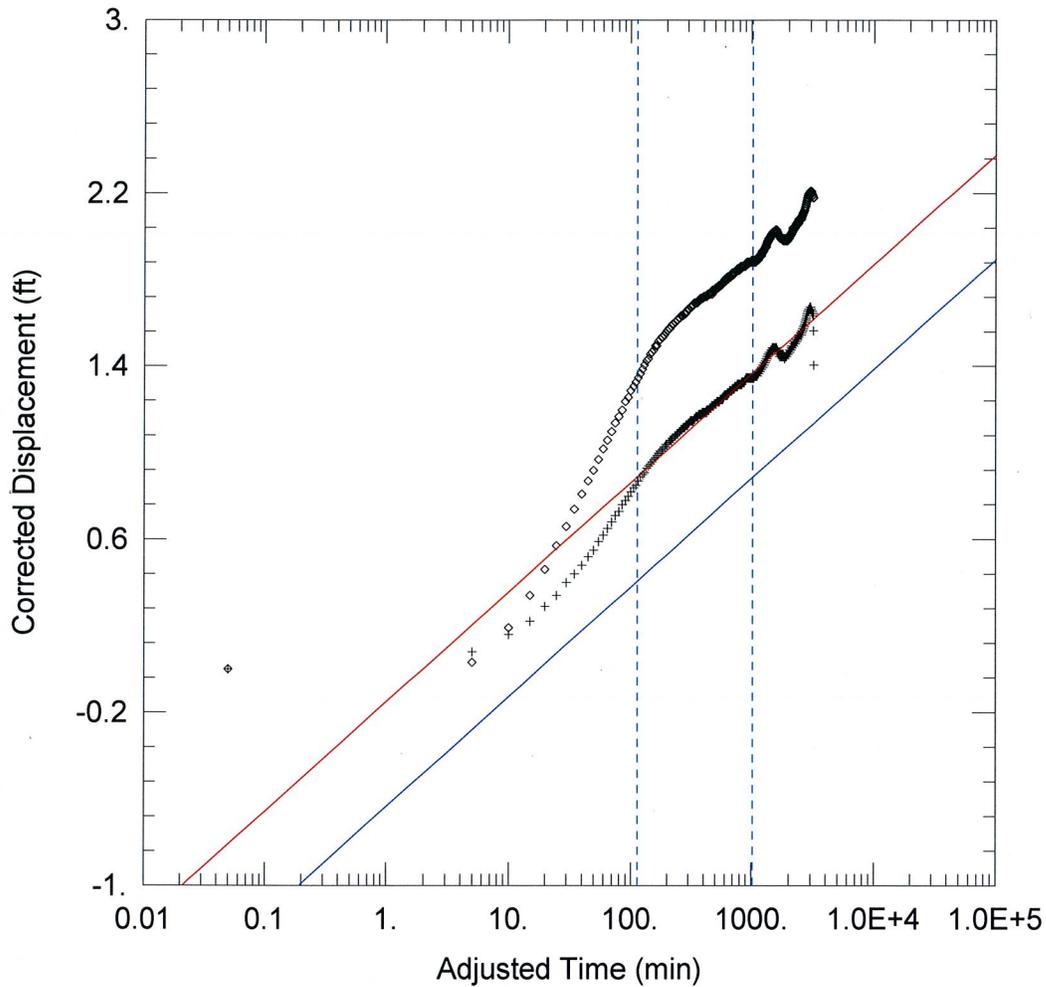
Saturated Thickness: 207. ft Anisotropy Ratio (Kz/Kr): 1.

### WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
TW-1	0	0	+ <b>OW-2</b>	50	0
			o <b>OW-1</b>	150	0

### SOLUTION

Aquifer Model: Unconfined Solution Method: Cooper-Jacob  
 T = 1.626E+4 ft<sup>2</sup>/day S = 4.255E-5



### BLYTHE PUMP TEST

Data Set: C:\Documents and Settings\wilsonb\My Documents\BSPP Pump Test (combined)cjow-2.aqt  
 Date: 12/29/09 Time: 07:23:07

### PROJECT INFORMATION

Company: AECOM  
 Client: Solar Millennium  
 Project: 12944-002  
 Location: BSPP  
 Test Well: TW-1  
 Test Date: 10/6/2009

### AQUIFER DATA

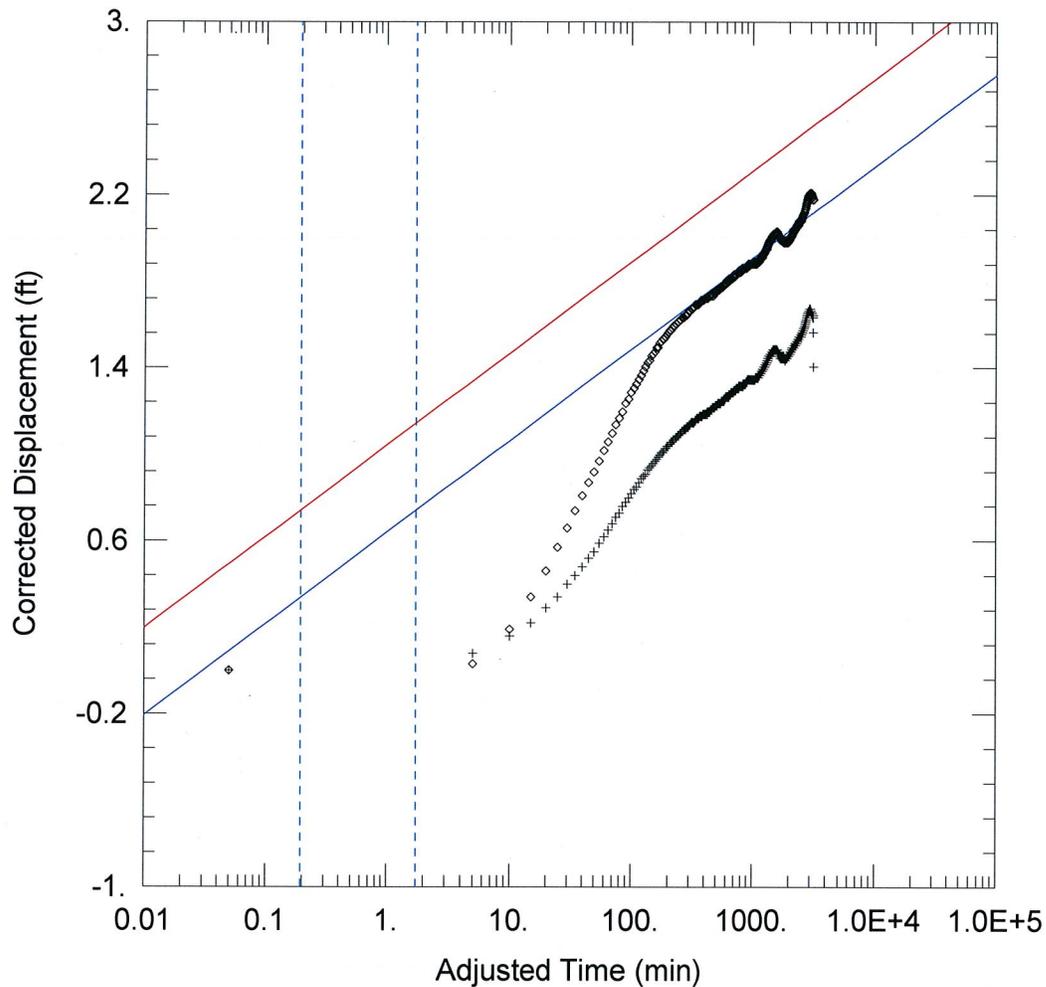
Saturated Thickness: 207. ft Anisotropy Ratio (Kz/Kr): 1.

### WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
TW-1	0	0	+ OW-2	50	0
			◊ OW-1	150	0

### SOLUTION

Aquifer Model: Unconfined Solution Method: Cooper-Jacob  
 T = 1.396E+4 ft<sup>2</sup>/day S = 0.0176



### BLYTHE PUMP TEST

Data Set: C:\...\BSPP Pump Test (combined)cjow-1auto.aqt

Date: 12/29/09

Time: 07:25:01

### PROJECT INFORMATION

Company: AECOM

Client: Solar Millennium

Project: 12944-002

Location: BSPP

Test Well: TW-1

Test Date: 10/6/2009

### AQUIFER DATA

Saturated Thickness: 207. ft

Anisotropy Ratio (Kz/Kr): 1.

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
TW-1	0	0

#### Observation Wells

Well Name	X (ft)	Y (ft)
+ <b>OW-2</b>	50	0
◇ <b>OW-1</b>	150	0

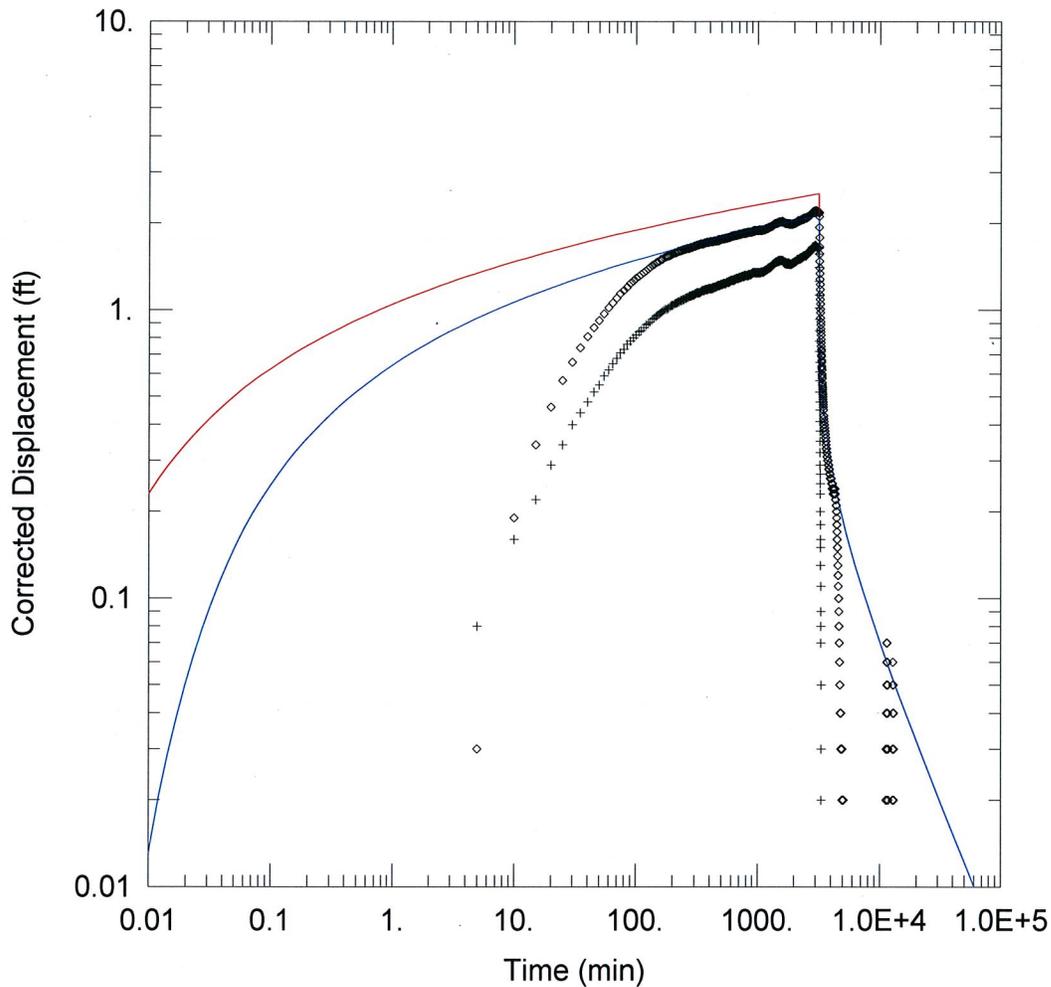
### SOLUTION

Aquifer Model: Unconfined

Solution Method: Cooper-Jacob

T = 1.668E+4 ft<sup>2</sup>/day

S = 3.567E-5



### BLYTHE PUMP TEST

Data Set: C:\...\BSPP Pump Test (combined)theissow-1auto.aqt  
 Date: 12/29/09 Time: 07:22:07

### PROJECT INFORMATION

Company: AECOM  
 Client: Solar Millennium  
 Project: 12944-002  
 Location: BSPP  
 Test Well: TW-1  
 Test Date: 10/6/2009

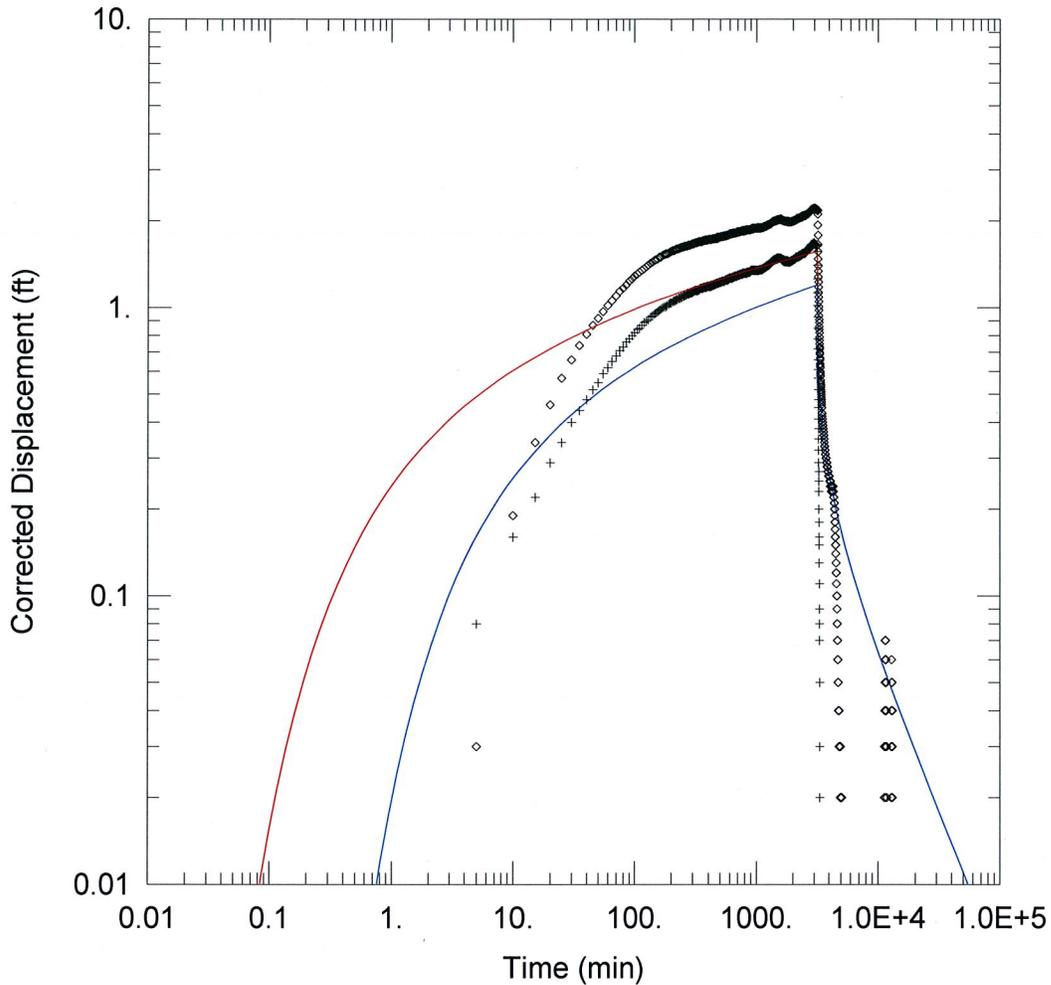
### WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
TW-1	0	0	+ OW-2	50	0
			o OW-1	150	0

### SOLUTION

Aquifer Model: Unconfined  
 $T = 1.668E+4 \text{ ft}^2/\text{day}$   
 $Kz/Kr = 1.$

Solution Method: Theis  
 $S = 3.567E-5$   
 $b = 207. \text{ ft}$



### BLYTHE PUMP TEST

Data Set: C:\...\BSPP Pump Test (combined)theissow-2.aqt

Date: 12/29/09

Time: 07:21:29

### PROJECT INFORMATION

Company: AECOM

Client: Solar Millennium

Project: 12944-002

Location: BSPP

Test Well: TW-1

Test Date: 10/6/2009

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
TW-1	0	0

#### Observation Wells

Well Name	X (ft)	Y (ft)
+ <b>OW-2</b>	50	0
o <b>OW-1</b>	150	0

### SOLUTION

Aquifer Model: Unconfined

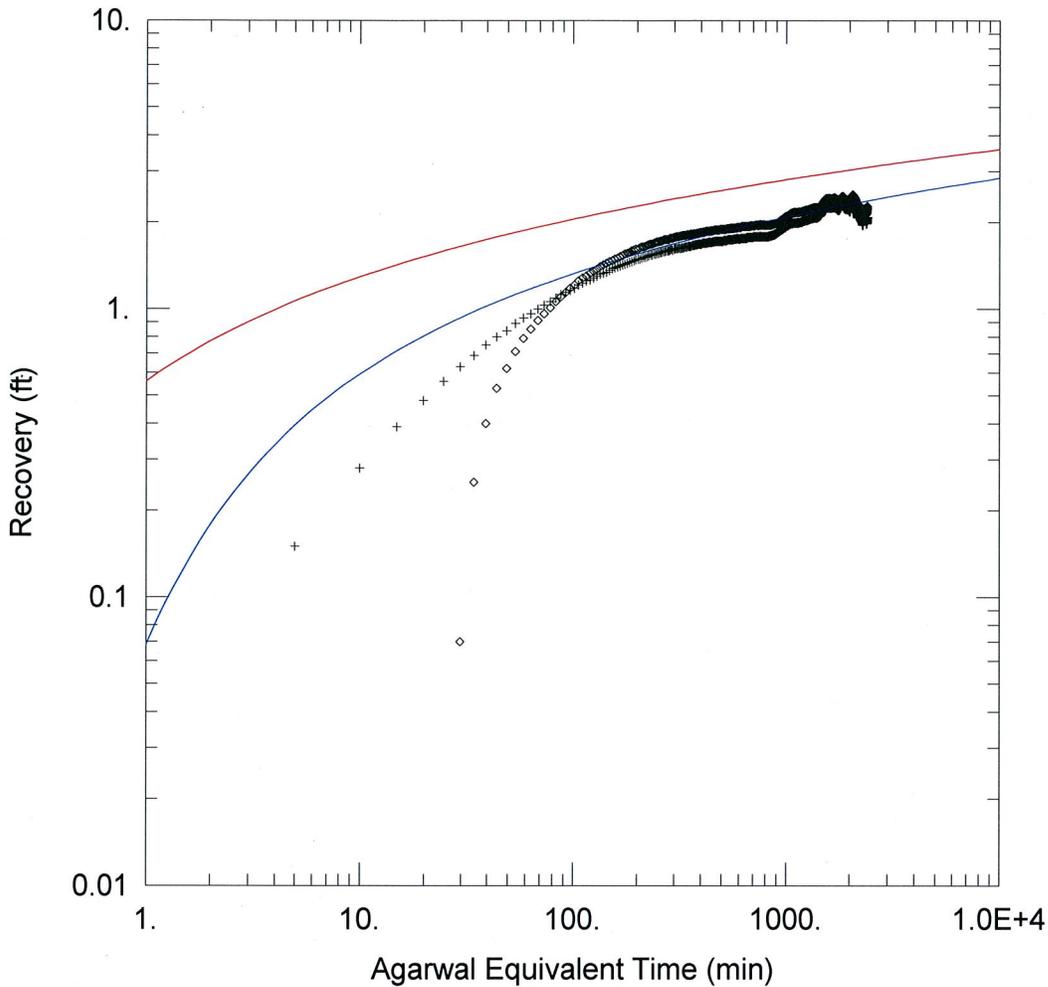
Solution Method: Theis

T = 1.835E+4 ft<sup>2</sup>/day

S = 0.003165

Kz/Kr = 1.

b = 207. ft



### BLYTHE PUMP TEST

Data Set: C:\...\BSPP Pump Test (combined)theissow-1recovery.aqt

Date: 12/29/09

Time: 07:21:00

### PROJECT INFORMATION

Company: AECOM

Client: Solar Millennium

Project: 12944-002

Location: BSPP

Test Well: TW-1

Test Date: 10/6/2009

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
TW-1	0	0

#### Observation Wells

Well Name	X (ft)	Y (ft)
+ <b>OW-2</b>	50	0
o <b>OW-1</b>	150	0

### SOLUTION

Aquifer Model: Confined

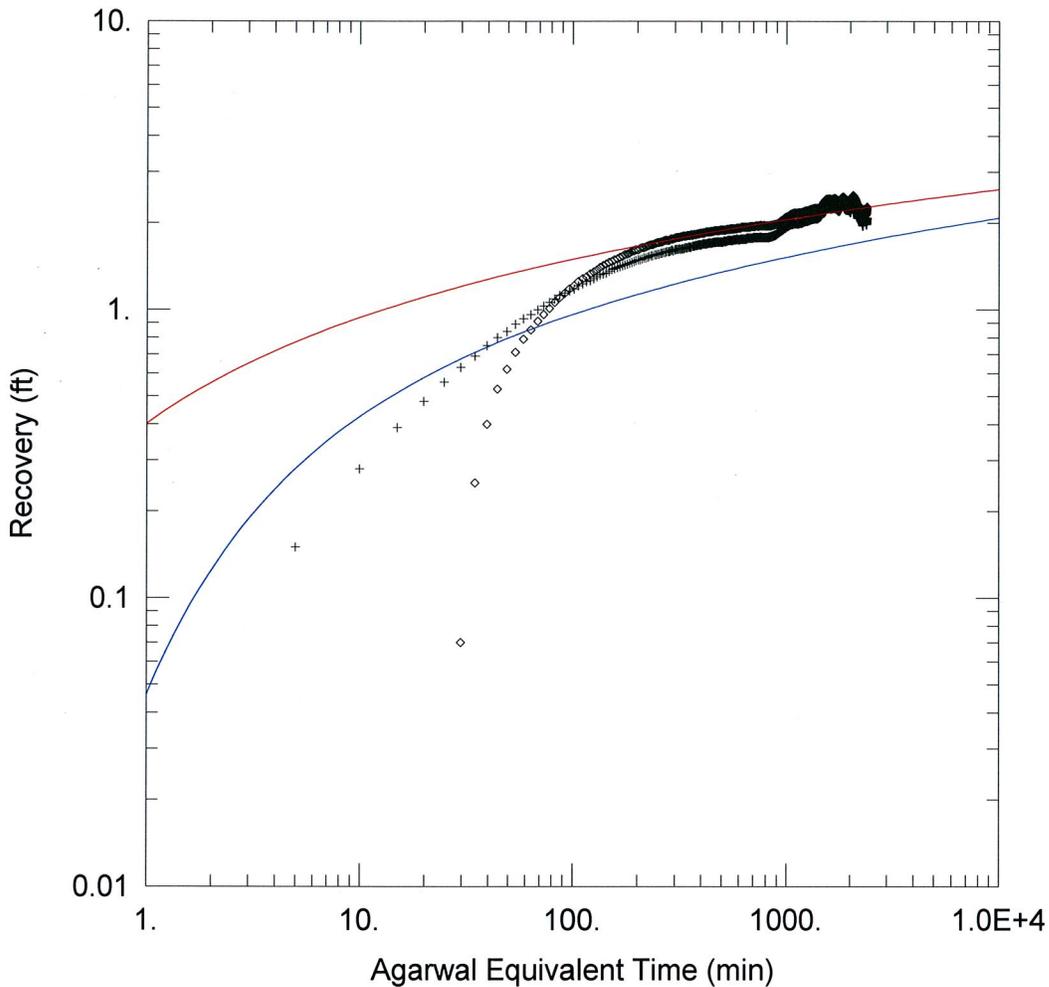
Solution Method: Theis

T = 9275.1 ft<sup>2</sup>/day

S = 0.001183

Kz/Kr = 1.

b = 207. ft



### BLYTHE PUMP TEST

Data Set: C:\...\BSPP Pump Test (combined)theissow-2recovery.aqt  
 Date: 12/29/09 Time: 07:21:16

### PROJECT INFORMATION

Company: AECOM  
 Client: Solar Millennium  
 Project: 12944-002  
 Location: BSPP  
 Test Well: TW-1  
 Test Date: 10/6/2009

### WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
TW-1	0	0	+ <span style="color: red;">OW-2</span>	50	0
			o <span style="color: blue;">OW-1</span>	150	0

### SOLUTION

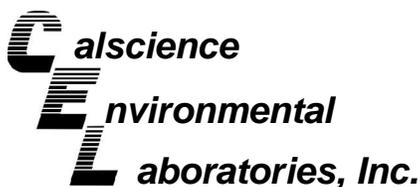
Aquifer Model: Confined  
 $T = 1.262E+4 \text{ ft}^2/\text{day}$   
 $Kz/Kr = 1.$

Solution Method: Theis  
 $S = 0.001697$   
 $b = 207. \text{ ft}$

## **Attachment J3-F**

### **Certified Analytical Laboratory Reports for Water Sample Collected During Pumping Test**





October 13, 2009

Bob Wilson  
AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Subject: **Calscience Work Order No.: 09-10-0521**  
**Client Reference: Blythe / 12944-002-2100**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/7/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Vikas Patel".

Calscience Environmental  
Laboratories, Inc.  
Vikas Patel  
Project Manager

## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3010A Total / EPA 7470A Total  
Method: EPA 6010B / EPA 7470A  
Units: mg/L

Project: Blythe / 12944-002-2100

Page 1 of 1

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-D	10/07/09 11:30	Aqueous	ICP 5300	10/07/09	10/08/09 13:31	091007LA4

Comment(s): -Mercury was analyzed on 10/8/2009 1:19:20 PM with batch 091007L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Silver	ND	0.00500	1	
Arsenic	ND	0.0100	1		Thallium	ND	0.0150	1	
Barium	0.0165	0.0100	1		Vanadium	0.00515	0.00500	1	
Beryllium	ND	0.00100	1		Calcium	287	0.100	1	
Cadmium	ND	0.00500	1		Iron	0.123	0.100	1	
Chromium	ND	0.00500	1		Magnesium	29.6	0.100	1	
Cobalt	ND	0.00500	1		Manganese	ND	0.00500	1	
Copper	0.00955	0.00500	1		Potassium	10.7	0.500	1	
Lead	ND	0.0100	1		Sodium	457	0.500	1	
Mercury	ND	0.000500	1		Boron	1.41	0.0200	1	
Molybdenum	0.0308	0.00500	1		Silicon	9.67	0.0500	1	
Nickel	ND	0.00500	1		Zinc	0.235	0.0100	1	
Selenium	ND	0.0150	1						

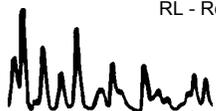
<b>Method Blank</b>	<b>099-04-008-4,346</b>	<b>N/A</b>	<b>Aqueous</b>	<b>Mercury</b>	<b>10/07/09</b>	<b>10/07/09 17:07</b>	<b>091007L03</b>
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Parameter	Result	RL	DF	Qual
Mercury	ND	0.000500	1	

<b>Method Blank</b>	<b>097-01-003-9,779</b>	<b>N/A</b>	<b>Aqueous</b>	<b>ICP 5300</b>	<b>10/07/09</b>	<b>10/08/09 13:12</b>	<b>091007LA4</b>
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Silver	ND	0.00500	1	
Arsenic	ND	0.0100	1		Thallium	ND	0.0150	1	
Barium	ND	0.0100	1		Vanadium	ND	0.00500	1	
Beryllium	ND	0.00100	1		Calcium	ND	0.100	1	
Cadmium	ND	0.00500	1		Iron	ND	0.100	1	
Chromium	ND	0.00500	1		Magnesium	ND	0.100	1	
Cobalt	ND	0.00500	1		Manganese	ND	0.00500	1	
Copper	ND	0.00500	1		Potassium	ND	0.500	1	
Lead	ND	0.0100	1		Sodium	ND	0.500	1	
Molybdenum	ND	0.00500	1		Boron	ND	0.0200	1	
Nickel	ND	0.00500	1		Silicon	ND	0.0500	1	
Selenium	ND	0.0150	1		Zinc	ND	0.0100	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: Blythe / 12944-002-2100

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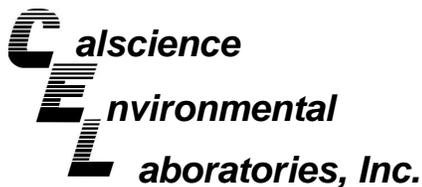
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-M	10/07/09 11:30	Aqueous	GC 47	10/07/09	10/08/09 03:09	091007B11

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Motor Oil	ND	250	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	135	68-140			

<b>Method Blank</b>	<b>099-12-234-486</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 47</b>	<b>10/07/09</b>	<b>10/08/09 10:01</b>	<b>091007B11</b>
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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Units</u>
TPH as Motor Oil	ND	250	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	108	68-140			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



AECOM Environment  
 1220 Avenida Acaso  
 Camarillo, CA 93012-8738

Date Received: 10/07/09  
 Work Order No: 09-10-0521  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

Project: Blythe / 12944-002-2100

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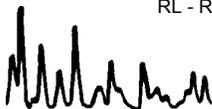
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-M	10/07/09 11:30	Aqueous	GC 47	10/07/09	10/08/09 03:09	091007B10

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	135	68-140			

<b>Method Blank</b>	<b>099-12-330-1,272</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 47</b>	<b>10/07/09</b>	<b>10/08/09 10:01</b>	<b>091007B10</b>
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Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Decachlorobiphenyl	108	68-140			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8015B (M)  
Units: ug/L

Project: Blythe / 12944-002-2100

Page 1 of 1

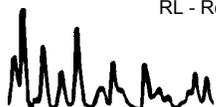
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-M	10/07/09 11:30	Aqueous	GC 47	10/07/09	10/08/09 03:09	091007B09

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	7.0		1		C23-C24	ND		1	
C8	1.3		1		C25-C28	ND		1	
C9-C10	18		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	ND		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	50	1	
C19-C20	ND		1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>					
Decachlorobiphenyl	135	68-140							

Method Blank	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
	099-12-330-1,271	N/A	Aqueous	GC 47	10/07/09	10/08/09 10:01	091007B09

Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	108	68-140		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: Blythe / 12944-002-2100

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-D	10/07/09 11:30	Aqueous	GC 18	10/07/09	10/08/09 11:29	091007B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	104	38-134			

<b>Method Blank</b>	<b>099-12-436-3,871</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 18</b>	<b>10/07/09</b>	<b>10/08/09 03:11</b>	<b>091007B02</b>
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Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	100	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

**Analytical Report**



AECOM Environment  
 1220 Avenida Acaso  
 Camarillo, CA 93012-8738

Date Received: 10/07/09  
 Work Order No: 09-10-0521  
 Preparation: EPA 8151A  
 Method: EPA 8151A  
 Units: ug/L

Project: Blythe / 12944-002-2100

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-W	10/07/09 11:30	Aqueous	GC 40	10/08/09	10/08/09 17:07	091008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dalapon	ND	13	1		2,4-D	ND	5.0	1	
Dicamba	ND	0.50	1		2,4,5-TP (Silvex)	ND	0.50	1	
MCP	ND	500	1		2,4,5-T	ND	0.50	1	
MCPA	ND	500	1		2,4-DB	ND	5.0	1	
Dichlorprop	ND	5.0	1		Dinoseb	ND	2.5	1	
Surrogates:	REC (%)	Control Limits		Qual					
2,4-Dichlorophenylacetic acid	70	0-123							

Method Blank	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
	095-01-034-438	N/A	Aqueous	GC 40	10/08/09	10/08/09 13:52	091008L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Dalapon	ND	13	1		2,4-D	ND	5.0	1	
Dicamba	ND	0.50	1		2,4,5-TP (Silvex)	ND	0.50	1	
MCP	ND	500	1		2,4,5-T	ND	0.50	1	
MCPA	ND	500	1		2,4-DB	ND	5.0	1	
Dichlorprop	ND	5.0	1		Dinoseb	ND	2.5	1	
Surrogates:	REC (%)	Control Limits		Qual					
2,4-Dichlorophenylacetic acid	73	0-123							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8270C  
Units: ug/L

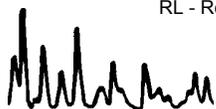
Project: Blythe / 12944-002-2100

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-N	10/07/09 11:30	Aqueous	GC/MS SS	10/07/09	10/08/09 16:45	091007L12

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		4-Nitrophenol	ND	10	1	
Aniline	ND	10	1		Dibenzofuran	ND	10	1	
Phenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
Bis(2-Chloroethyl) Ether	ND	25	1		2,6-Dinitrotoluene	ND	10	1	
2-Chlorophenol	ND	10	1		Diethyl Phthalate	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Nitroaniline	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Azobenzene	ND	10	1	
2-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
3/4-Methylphenol	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
N-Nitroso-di-n-propylamine	ND	10	1		Hexachlorobenzene	ND	10	1	
Hexachloroethane	ND	10	1		Pentachlorophenol	ND	10	1	
Nitrobenzene	ND	25	1		Phenanthrene	ND	10	1	
Isophorone	ND	10	1		Anthracene	ND	10	1	
2-Nitrophenol	ND	10	1		Di-n-Butyl Phthalate	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Fluoranthene	ND	10	1	
Benzoic Acid	ND	50	1		Benzidine	ND	50	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Pyrene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Pyridine	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	10	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Nitroaniline	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Acenaphthylene	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
3-Nitroaniline	ND	10	1		1-Methylnaphthalene	ND	10	1	
Acenaphthene	ND	10	1		1,2,4-Trichlorobenzene	ND	10	1	
2,4-Dinitrophenol	ND	50	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
2-Fluorophenol	64	7-121			Phenol-d6	46	1-127		
Nitrobenzene-d5	91	50-146			2-Fluorobiphenyl	89	42-138		
2,4,6-Tribromophenol	86	41-137			p-Terphenyl-d14	100	47-173		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8270C  
Units: ug/L

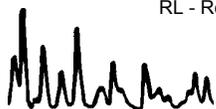
Project: Blythe / 12944-002-2100

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	095-01-003-2,766	N/A	Aqueous	GC/MS SS	10/07/09	10/08/09 16:18	091007L12

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		4-Nitrophenol	ND	10	1	
Aniline	ND	10	1		Dibenzofuran	ND	10	1	
Phenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
Bis(2-Chloroethyl) Ether	ND	25	1		2,6-Dinitrotoluene	ND	10	1	
2-Chlorophenol	ND	10	1		Diethyl Phthalate	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
Benzyl Alcohol	ND	10	1		4-Nitroaniline	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Azobenzene	ND	10	1	
2-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		N-Nitrosodiphenylamine	ND	10	1	
3/4-Methylphenol	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
N-Nitroso-di-n-propylamine	ND	10	1		Hexachlorobenzene	ND	10	1	
Hexachloroethane	ND	10	1		Pentachlorophenol	ND	10	1	
Nitrobenzene	ND	25	1		Phenanthrene	ND	10	1	
Isophorone	ND	10	1		Anthracene	ND	10	1	
2-Nitrophenol	ND	10	1		Di-n-Butyl Phthalate	ND	10	1	
2,4-Dimethylphenol	ND	10	1		Fluoranthene	ND	10	1	
Benzoic Acid	ND	50	1		Benzidine	ND	50	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Pyrene	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Pyridine	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	10	1		3,3'-Dichlorobenzidine	ND	25	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Hexachlorocyclopentadiene	ND	25	1		Di-n-Octyl Phthalate	ND	10	1	
2,4,6-Trichlorophenol	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
2-Chloronaphthalene	ND	10	1		Benzo (a) Pyrene	ND	10	1	
2-Nitroaniline	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
Dimethyl Phthalate	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Acenaphthylene	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
3-Nitroaniline	ND	10	1		1-Methylnaphthalene	ND	10	1	
Acenaphthene	ND	10	1		1,2,4-Trichlorobenzene	ND	10	1	
2,4-Dinitrophenol	ND	50	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		
2-Fluorophenol	67	7-121		Phenol-d6	62	1-127			
Nitrobenzene-d5	80	50-146		2-Fluorobiphenyl	76	42-138			
2,4,6-Tribromophenol	69	41-137		p-Terphenyl-d14	82	47-173			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8081A  
Units: ug/L

Project: Blythe / 12944-002-2100

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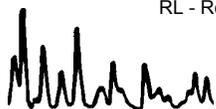
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-U	10/07/09 11:30	Aqueous	GC 41	10/08/09	10/08/09 13:50	091008L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	0.10	1		Endrin	ND	0.10	1	
Gamma-BHC	ND	0.10	1		Endrin Aldehyde	ND	0.10	1	
Beta-BHC	ND	0.10	1		4,4'-DDD	ND	0.10	1	
Heptachlor	ND	0.10	1		Endosulfan II	ND	0.10	1	
Delta-BHC	ND	0.10	1		4,4'-DDT	ND	0.10	1	
Aldrin	ND	0.10	1		Endosulfan Sulfate	ND	0.10	1	
Heptachlor Epoxide	ND	0.10	1		Methoxychlor	ND	0.10	1	
Endosulfan I	ND	0.10	1		Chlordane	ND	1.0	1	
Dieldrin	ND	0.10	1		Toxaphene	ND	2.0	1	
4,4'-DDE	ND	0.10	1		Endrin Ketone	ND	0.10	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	94	50-135			2,4,5,6-Tetrachloro-m-Xylene	101	50-135		

Method Blank	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
	099-12-529-303	N/A	Aqueous	GC 41	10/08/09	10/08/09 13:22	091008L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Alpha-BHC	ND	0.10	1		Endrin	ND	0.10	1	
Gamma-BHC	ND	0.10	1		Endrin Aldehyde	ND	0.10	1	
Beta-BHC	ND	0.10	1		4,4'-DDD	ND	0.10	1	
Heptachlor	ND	0.10	1		Endosulfan II	ND	0.10	1	
Delta-BHC	ND	0.10	1		4,4'-DDT	ND	0.10	1	
Aldrin	ND	0.10	1		Endosulfan Sulfate	ND	0.10	1	
Heptachlor Epoxide	ND	0.10	1		Methoxychlor	ND	0.10	1	
Endosulfan I	ND	0.10	1		Chlordane	ND	1.0	1	
Dieldrin	ND	0.10	1		Toxaphene	ND	2.0	1	
4,4'-DDE	ND	0.10	1		Endrin Ketone	ND	0.10	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	96	50-135			2,4,5,6-Tetrachloro-m-Xylene	102	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8082  
Units: ug/L

Project: Blythe / 12944-002-2100

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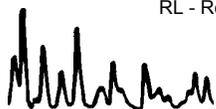
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-U	10/07/09 11:30	Aqueous	GC 31	10/08/09	10/08/09 13:12	091008L03

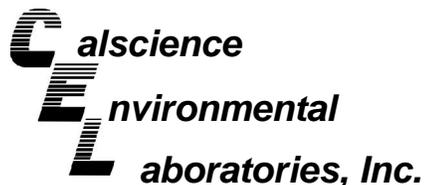
Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	1.0	1		Aroclor-1248	ND	1.0	1	
Aroclor-1221	ND	1.0	1		Aroclor-1254	ND	1.0	1	
Aroclor-1232	ND	1.0	1		Aroclor-1260	ND	1.0	1	
Aroclor-1242	ND	1.0	1		Aroclor-1262	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	102	50-135			2,4,5,6-Tetrachloro-m-Xylene	110	50-135		

Method Blank	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-533-358	N/A	Aqueous	GC 31	10/08/09	10/08/09 12:53	091008L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	1.0	1		Aroclor-1248	ND	1.0	1	
Aroclor-1221	ND	1.0	1		Aroclor-1254	ND	1.0	1	
Aroclor-1232	ND	1.0	1		Aroclor-1260	ND	1.0	1	
Aroclor-1242	ND	1.0	1		Aroclor-1262	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	98	50-135			2,4,5,6-Tetrachloro-m-Xylene	105	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8141B  
Units: mg/L

Project: Blythe / 12944-002-2100

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-X	10/07/09 11:30	Aqueous	GC 35	10/08/09	10/08/09 15:55	091008L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Azinphos Methyl	ND	0.0050	1		Merphos	ND	0.0050	1	
Bolstar	ND	0.0050	1		Methyl Parathion	ND	0.0050	1	
Chlorpyrifos	ND	0.0050	1		Mevinphos	ND	0.0050	1	
Coumaphos	ND	0.0050	1		Naled	ND	0.040	1	
Diazinon	ND	0.0050	1		Phorate	ND	0.0050	1	
Dichlorvos	ND	0.0050	1		Ronnel	ND	0.0050	1	
Disulfoton	ND	0.010	1		Stirophos	ND	0.020	1	
Ethoprop	ND	0.0050	1		Tokuthion	ND	0.0050	1	
Fensulfothion	ND	0.0050	1		Trichloronate	ND	0.0050	1	
Fenthion	ND	0.0050	1		Demeton-o/s	ND	0.0050	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>					
Tributylphosphate	86	30-130							

<b>Method Blank</b>	<b>099-12-957-22</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC 35</b>	<b>10/08/09</b>	<b>10/08/09 15:09</b>	<b>091008L04</b>
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Azinphos Methyl	ND	0.0050	1		Merphos	ND	0.0050	1	
Bolstar	ND	0.0050	1		Methyl Parathion	ND	0.0050	1	
Chlorpyrifos	ND	0.0050	1		Mevinphos	ND	0.0050	1	
Coumaphos	ND	0.0050	1		Naled	ND	0.040	1	
Diazinon	ND	0.0050	1		Phorate	ND	0.0050	1	
Dichlorvos	ND	0.0050	1		Ronnel	ND	0.0050	1	
Disulfoton	ND	0.010	1		Stirophos	ND	0.020	1	
Ethoprop	ND	0.0050	1		Tokuthion	ND	0.0050	1	
Fensulfothion	ND	0.0050	1		Trichloronate	ND	0.0050	1	
Fenthion	ND	0.0050	1		Demeton-o/s	ND	0.0050	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>					
Tributylphosphate	92	30-130							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

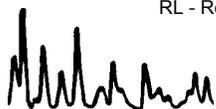
Project: Blythe / 12944-002-2100

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TW-1	09-10-0521-1-A	10/07/09 11:30	Aqueous	GC/MS CC	10/07/09	10/07/09 21:37	091007L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	110	80-132			1,2-Dichloroethane-d4	106	80-141		
Toluene-d8	99	80-120			1,4-Bromofluorobenzene	93	76-120		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

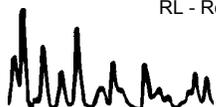
Project: Blythe / 12944-002-2100

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>QCTB</b>	<b>09-10-0521-2-A</b>	<b>10/07/09 11:30</b>	<b>Aqueous</b>	<b>GC/MS CC</b>	<b>10/07/09</b>	<b>10/07/09 22:05</b>	<b>091007L01</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	108	80-132			1,2-Dichloroethane-d4	106	80-141		
Toluene-d8	100	80-120			1,4-Bromofluorobenzene	94	76-120		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

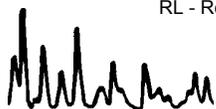
Project: Blythe / 12944-002-2100

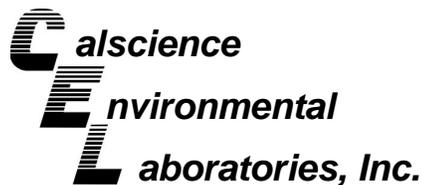
Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-10-006-30,932	N/A	Aqueous	GC/MS CC	10/07/09	10/07/09 13:53	091007L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	5.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	105	80-132			1,2-Dichloroethane-d4	101	80-141		
Toluene-d8	100	80-120			1,4-Bromofluorobenzene	97	76-120		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521

Project: Blythe / 12944-002-2100

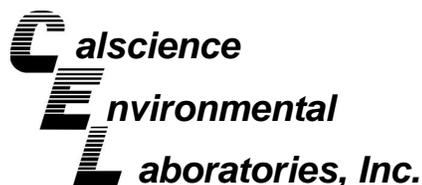
Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TW-1	09-10-0521-1	10/07/09	Aqueous

Comment(s): (24) Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Sulfate	970	100		50		mg/L	N/A	10/08/09	ASTM D516-02
Chromium, Hexavalent (24)	0.96	1.0	0.057	1	J	ug/L	N/A	10/07/09	EPA 7199
Alkalinity, Total (as CaCO <sub>3</sub> )	34.0	1.0		1		mg/L	N/A	10/07/09	SM 2320B
Hardness, Total	800	2.0		1		mg/L	N/A	10/07/09	SM 2340 C
Solids, Total Dissolved	2170	10		1		mg/L	10/08/09	10/08/09	SM 2540 C
Solids, Total Suspended	ND	1.0		1		mg/L	10/08/09	10/08/09	SM 2540 D
Solids, Settleable	ND	0.10		1		mL/L/hr	10/07/09	10/07/09	SM 2540 F
o-Phosphate (as P)	ND	0.10		1		mg/L	N/A	10/08/09	SM 4500 P B/E
Sulfide, Dissolved	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500 S2 - D
Sulfide, Total	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500 S2 - D
Chloride	370	2.0		1		mg/L	N/A	10/08/09	SM 4500-CI C
Cyanide, Total	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500-CN E
Cyanide, Amenable	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500-CN G
Fluoride	1.3	0.10		1		mg/L	N/A	10/08/09	SM 4500-F C
Ammonia (as N)	ND	0.10		1		mg/L	10/07/09	10/07/09	SM 4500-NH3 B/C
Nitrite (as N)	ND	0.010		1		mg/L	N/A	10/08/09	SM 4500-NO2 B
Nitrate (as N)	0.60	0.10		1		mg/L	N/A	10/08/09	SM 4500-NO3 E/SM 4500-NO2 B
Biochemical Oxygen Demand	ND	1.0		1		mg/L	10/08/09	10/13/09	SM 5210 B
Carbon, Total Organic	ND	0.50		1		mg/L	N/A	10/07/09	SM 5310 D

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Analytical Report



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: 10/07/09  
Work Order No: 09-10-0521

Project: Blythe / 12944-002-2100

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Method Blank		N/A	Aqueous

Comment(s): (24) Results were evaluated to the MDL, concentrations  $\geq$  to the MDL but  $<$  RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Sulfate	ND	2.0		1		mg/L	N/A	10/08/09	ASTM D516-02
Chromium, Hexavalent (24)	ND	1.0	0.057	1		ug/L	N/A	10/07/09	EPA 7199
Alkalinity, Total (as CaCO <sub>3</sub> )	ND	1.0		1		mg/L	N/A	10/07/09	SM 2320B
Hardness, Total	ND	2.0		1		mg/L	N/A	10/07/09	SM 2340 C
Solids, Total Dissolved	ND	1.0		1		mg/L	10/08/09	10/08/09	SM 2540 C
Solids, Total Suspended	ND	1.0		1		mg/L	10/08/09	10/08/09	SM 2540 D
o-Phosphate (as P)	ND	0.10		1		mg/L	N/A	10/08/09	SM 4500 P B/E
Sulfide, Dissolved	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500 S2 - D
Sulfide, Total	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500 S2 - D
Chloride	ND	2.0		1		mg/L	N/A	10/08/09	SM 4500-Cl C
Cyanide, Total	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500-CN E
Cyanide, Amenable	ND	0.050		1		mg/L	10/07/09	10/07/09	SM 4500-CN G
Fluoride	ND	0.10		1		mg/L	N/A	10/08/09	SM 4500-F C
Ammonia (as N)	ND	0.10		1		mg/L	10/07/09	10/07/09	SM 4500-NH3 B/C
Nitrite (as N)	ND	0.010		1		mg/L	N/A	10/08/09	SM 4500-NO2 B
Nitrate (as N)	ND	0.10		1		mg/L	N/A	10/08/09	SM 4500-NO3 E/SM 4500-NO2 B
Biochemical Oxygen Demand	ND	1.0		1		mg/L	10/08/09	10/13/09	SM 5210 B
Carbon, Total Organic	ND	0.50		1		mg/L	N/A	10/07/09	SM 5310 D

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

## ANALYTICAL REPORT

AECOM Environment  
 1220 Avenida Acaso  
 Camarillo, CA 93012-8738

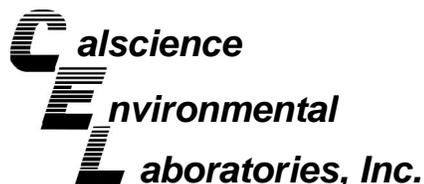
Date Sampled: 10/07/09  
 Date Received: 10/07/09  
 Date Analyzed: 10/08/09

Attn: Bob Wilson  
 RE: Blythe / 12944-002-2100

Work Order No.: 09-10-0521  
 Method: SM 4500 P B/E  
 Page 1 of 1

All concentrations are reported in mg/L (ppm).

<u>Sample Number</u>	<u>Total Phosphate Concentration</u>	<u>Reporting Limit</u>
TW-1	ND	0.31
Method Blank	ND	0.31



## Quality Control - Spike/Spike Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

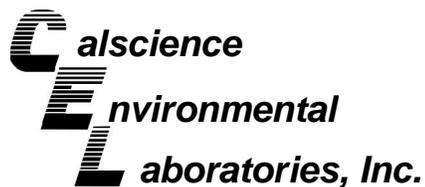
Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 3010A Total  
Method: EPA 6010B

Project Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-10-0261-1	Aqueous	ICP 5300	10/07/09	10/08/09	091007SA4

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	105	105	72-132	0	0-10	
Arsenic	114	113	80-140	0	0-11	
Barium	108	110	87-123	2	0-6	
Beryllium	102	102	89-119	0	0-8	
Cadmium	100	101	82-124	1	0-7	
Chromium	98	99	86-122	1	0-8	
Cobalt	110	111	83-125	1	0-7	
Copper	123	124	78-126	1	0-7	
Lead	102	102	84-120	0	0-7	
Molybdenum	107	108	78-126	0	0-7	
Nickel	105	105	84-120	0	0-7	
Selenium	113	113	79-127	0	0-9	
Silver	123	124	86-128	1	0-7	
Thallium	99	99	79-121	0	0-8	
Vanadium	108	109	88-118	1	0-7	
Calcium	4X	4X	77-113	4X	0-11	Q
Iron	4X	4X	65-149	4X	0-21	Q
Magnesium	4X	4X	56-140	4X	0-11	Q
Manganese	98	104	86-116	2	0-7	
Potassium	153	157	83-131	2	0-7	3
Sodium	4X	4X	73-127	4X	0-9	Q
Boron	108	125	81-135	4	0-7	
Silicon	4X	4X	24-180	4X	0-15	Q
Zinc	107	109	89-131	2	0-8	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - Spike/Spike Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

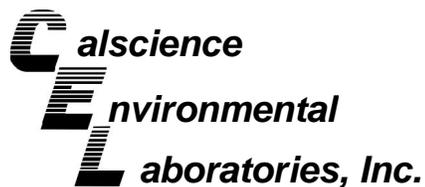
Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-10-0237-4	Aqueous	GC 18	10/07/09	10/08/09	091007S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	88	90	68-122	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - Spike/Spike Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

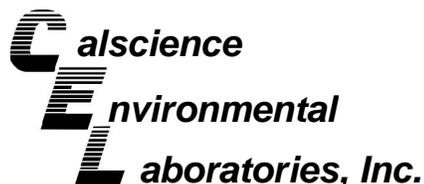
Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 7470A Total  
Method: EPA 7470A

Project Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-10-0381-2	Aqueous	Mercury	10/07/09	10/07/09	091007S03

<u>Parameter</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Mercury	102	100	57-141	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - Spike/Spike Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

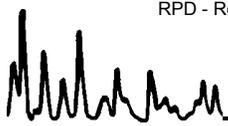
Date Received: 10/07/09  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8260B

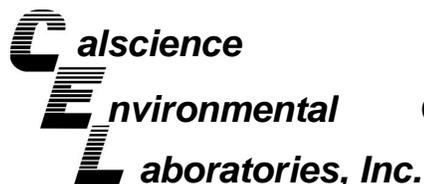
Project Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-10-0361-6	Aqueous	GC/MS CC	10/07/09	10/07/09	091007S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	101	72-120	1	0-20	
Toluene	101	99	74-122	2	0-20	
Ethylbenzene	97	94	78-120	3	0-20	
Methyl-t-Butyl Ether (MTBE)	104	105	72-126	0	0-21	
Tert-Butyl Alcohol (TBA)	96	95	72-126	1	0-20	
Diisopropyl Ether (DIPE)	104	104	71-137	1	0-23	
Ethyl-t-Butyl Ether (ETBE)	105	105	74-128	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	102	102	76-124	0	0-20	
Ethanol	85	80	35-167	6	0-48	
1,1-Dichloroethene	102	100	60-132	2	0-24	
1,2-Dibromoethane	103	99	80-120	4	0-20	
1,2-Dichlorobenzene	88	89	80-120	1	0-20	
Carbon Tetrachloride	109	106	63-135	3	0-20	
Chlorobenzene	91	90	80-120	1	0-20	
Trichloroethene	102	102	69-120	0	0-20	
Vinyl Chloride	92	93	58-130	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - Spike/Spike Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received:  
Work Order No:

N/A  
09-10-0521

Project: Blythe / 12944-002-2100

Matrix: Aqueous or Solid

<u>Parameter</u>	<u>Method</u>	<u>Quality Control Sample ID</u>	<u>Date Analyzed</u>	<u>Date Extracted</u>	<u>MS% REC</u>	<u>MSD % REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Fluoride	SM 4500-F C	TW-1	10/08/09	N/A	100	100	70-130	0	0-25	
Nitrite (as N)	SM 4500-NO2 B	TW-1	10/08/09	N/A	102	103	70-130	1	0-25	
o-Phosphate (as P)	SM 4500 P B/E	TW-1	10/08/09	N/A	102	100	70-130	1	0-25	
Sulfate	ASTM D516-02	TW-1	10/08/09	N/A	100	102	70-130	1	0-25	
Chromium, Hexavalent	EPA 7199	09-10-0417-1	10/07/09	N/A	103	104	70-130	0	0-25	
Nitrate (as N)	SM 4500-NO3 E/SM 4500-NO2 B	TW-1	10/08/09	N/A	98	99	70-130	1	0-25	
Carbon, Total Organic	SM 5310 D	09-10-0507-1	10/07/09	N/A	102	101	70-130	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

**QUALITY ASSURANCE SUMMARY**  
**SM 4500 P B/E**

AECOM Environment  
Page 1 of 1

Work Order No.: 09-10-0521  
Date Analyzed: 10/08/09

**Matrix Spike/Matrix Spike Duplicate**

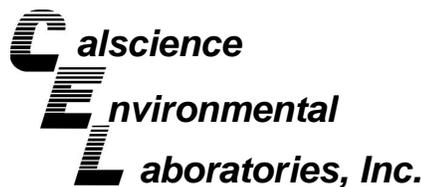
Sample Spiked: TW-1

<u>Analyte</u>	<u>MS%REC</u>	<u>MSD%REC</u>	<u>Control Limits (%)</u>	<u>%RPD</u>	<u>Control Limits (%)</u>
Total Phosphate	102	100	70 - 130	1	0 - 25

**Laboratory Control Sample**

<u>Analyte</u>	<u>LCS%REC</u>	<u>Control Limits (%)</u>
Total Phosphate	99	80 - 120





## Quality Control - Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: N/A  
Work Order No: 09-10-0521

Project: Blythe / 12944-002-2100

Matrix: Aqueous or Solid

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chloride	SM 4500-Cl C	09-10-0493-1	10/08/09	130	140	1	0-25	
Hardness, Total	SM 2340 C	09-10-0392-5	10/07/09	820	820	0	0-25	
Alkalinity, Total (as CaCO <sub>3</sub> )	SM 2320B	09-10-0502-7	10/07/09	319	319	0	0-25	
Bicarbonate (as CaCO <sub>3</sub> )	SM 2320B	09-10-0502-7	10/07/09	319	319	0	0-25	
Carbonate (as CaCO <sub>3</sub> )	SM 2320B	09-10-0502-7	10/07/09	ND	ND	NA	0-25	
Hydroxide (as CaCO <sub>3</sub> )	SM 2320B	09-10-0502-7	10/07/09	ND	ND	NA	0-25	
Sulfide, Dissolved	SM 4500 S2 - D	TW-1	10/07/09	ND	ND	NA	0-25	
Sulfide, Total	SM 4500 S2 - D	TW-1	10/07/09	ND	ND	NA	0-25	
Ammonia (as N)	SM 4500-NH <sub>3</sub> B/C	09-10-0050-1	10/07/09	0.11	0.11	0	0-25	
Biochemical Oxygen Demand	SM 5210 B	09-10-0502-1	10/13/09	3.5	3.5	0	0-25	
Solids, Total Suspended	SM 2540 D	09-10-0307-4	10/08/09	108	117	8	0-20	
Solids, Total Dissolved	SM 2540 C	09-10-0307-4	10/08/09	720	720	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

AECOM Environment  
 1220 Avenida Acaso  
 Camarillo, CA 93012-8738

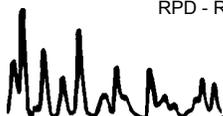
Date Received: N/A  
 Work Order No: 09-10-0521  
 Preparation: EPA 3010A Total  
 Method: EPA 6010B

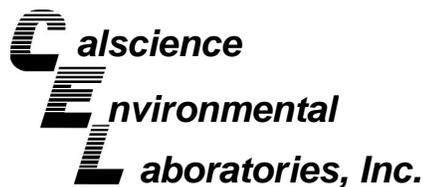
Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number	
097-01-003-9,779	Aqueous	ICP 5300	10/08/09	091007-la-4	091007LA4	
Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	ME_CL	Qualifiers
Antimony	0.500	0.435	87	80-120	73-127	
Arsenic	0.500	0.479	96	80-120	73-127	
Barium	0.500	0.535	107	80-120	73-127	
Beryllium	0.500	0.518	104	80-120	73-127	
Cadmium	0.500	0.540	108	80-120	73-127	
Chromium	0.500	0.516	103	80-120	73-127	
Cobalt	0.500	0.554	111	80-120	73-127	
Copper	0.500	0.505	101	80-120	73-127	
Lead	0.500	0.553	111	80-120	73-127	
Molybdenum	0.500	0.532	106	80-120	73-127	
Nickel	0.500	0.560	112	80-120	73-127	
Selenium	0.500	0.514	103	80-120	73-127	
Silver	0.250	0.288	115	80-120	73-127	
Thallium	0.500	0.525	105	80-120	73-127	
Vanadium	0.500	0.523	105	80-120	73-127	
Calcium	0.500	0.518	104	80-120	73-127	
Iron	0.500	0.525	105	80-120	73-127	
Magnesium	0.500	0.525	105	80-120	73-127	
Manganese	0.500	0.523	105	80-120	73-127	
Potassium	5.00	4.75	95	80-120	73-127	
Sodium	5.00	5.00	100	80-120	73-127	
Boron	0.500	0.525	105	80-120	73-127	
Silicon	0.500	0.549	110	80-120	73-127	
Zinc	0.500	0.544	109	80-120	73-127	

Total number of LCS compounds : 24  
 Total number of ME compounds: 0  
 Total number of ME compounds allowed : 1  
 LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

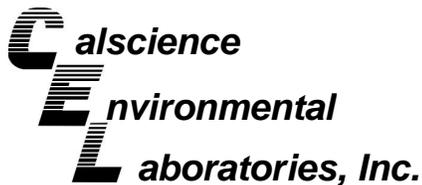
Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-234-486	Aqueous	GC 47	10/07/09	10/08/09	091007B11

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Motor Oil	113	114	75-117	1	0-13	X

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



AECOM Environment  
 1220 Avenida Acaso  
 Camarillo, CA 93012-8738

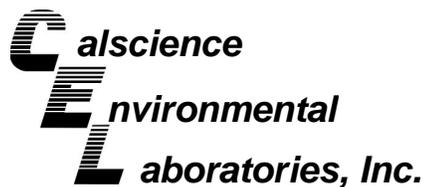
Date Received: N/A  
 Work Order No: 09-10-0521  
 Preparation: EPA 3510C  
 Method: EPA 8015B (M)

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-330-1,272	Aqueous	GC 47	10/07/09	10/08/09	091007B10

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	101	107	75-117	5	0-13	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

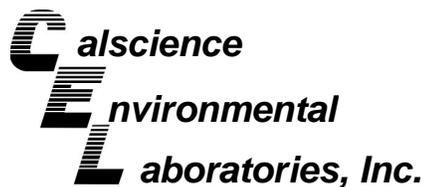
Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8015B (M)

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-330-1,271	Aqueous	GC 47	10/07/09	10/08/09	091007B09

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Diesel	101	107	75-117	5	0-13	X

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

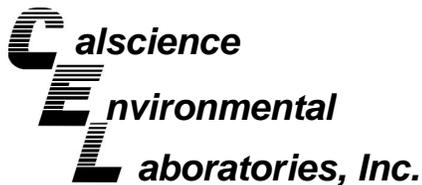
Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-3,871	Aqueous	GC 18	10/07/09	10/08/09	091007B02

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Gasoline	95	95	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit



**Quality Control - LCS/LCS Duplicate**



AECOM Environment  
 1220 Avenida Acaso  
 Camarillo, CA 93012-8738

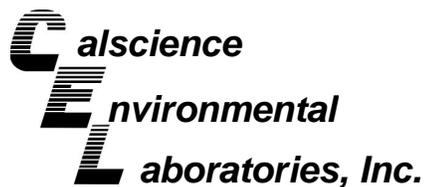
Date Received: N/A  
 Work Order No: 09-10-0521  
 Preparation: EPA 7470A Total  
 Method: EPA 7470A

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-008-4,346	Aqueous	Mercury	10/07/09	10/07/09	091007L03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	107	108	85-121	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

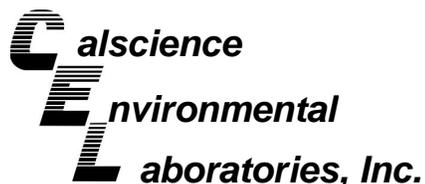
Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 8151A  
Method: EPA 8151A

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-034-438	Aqueous	GC 40	10/08/09	10/08/09	091008L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
2,4-D	75	76	30-130	1	0-30	
2,4,5-T	107	118	30-130	10	0-30	
2,4-DB	78	79	30-130	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8270C

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-003-2,766	Aqueous	GC/MS SS	10/07/09	10/08/09	091007L12		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Phenol	67	67	4-142	0-165	0	0-24	
2-Chlorophenol	85	85	53-113	43-123	0	0-17	
1,4-Dichlorobenzene	84	85	50-122	38-134	1	0-19	
N-Nitroso-di-n-propylamine	84	84	56-146	41-161	0	0-22	
Naphthalene	80	81	21-133	2-152	1	0-20	
4-Chloro-3-Methylphenol	88	87	55-121	44-132	0	0-18	
Dimethyl Phthalate	83	83	0-112	0-131	1	0-20	
Acenaphthylene	80	80	33-145	14-164	0	0-20	
Acenaphthene	81	81	55-139	41-153	0	0-17	
4-Nitrophenol	66	64	1-145	0-169	3	0-29	
2,4-Dinitrotoluene	85	82	41-161	21-181	3	0-22	
Fluorene	88	88	59-121	49-131	0	0-20	
Pentachlorophenol	77	75	34-130	18-146	2	0-23	
Pyrene	85	87	38-170	16-192	1	0-27	
Butyl Benzyl Phthalate	88	88	0-152	0-177	0	0-20	
1,2,4-Trichlorobenzene	88	88	49-121	37-133	0	0-19	

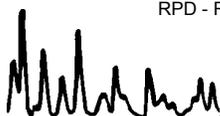
Total number of LCS compounds : 16

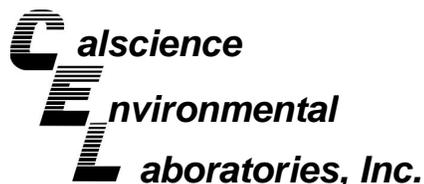
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8081A

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-529-303	Aqueous	GC 41	10/08/09	10/08/09	091008L02		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Alpha-BHC	99	99	50-135	36-149	0	0-25	
Gamma-BHC	99	100	50-135	36-149	1	0-25	
Beta-BHC	102	102	50-135	36-149	0	0-25	
Heptachlor	99	100	50-135	36-149	1	0-25	
Delta-BHC	98	99	50-135	36-149	0	0-25	
Aldrin	100	101	50-135	36-149	1	0-25	
Heptachlor Epoxide	98	99	50-135	36-149	1	0-25	
Endosulfan I	99	100	50-135	36-149	1	0-25	
Dieldrin	94	95	50-135	36-149	1	0-25	
4,4'-DDE	106	107	50-135	36-149	1	0-25	
Endrin	116	115	50-135	36-149	1	0-25	
Endrin Aldehyde	97	99	50-135	36-149	1	0-25	
4,4'-DDD	108	109	50-135	36-149	1	0-25	
Endosulfan II	96	97	50-135	36-149	1	0-25	
4,4'-DDT	102	103	50-135	36-149	1	0-25	
Endosulfan Sulfate	98	99	50-135	36-149	1	0-25	
Methoxychlor	95	97	50-135	36-149	2	0-25	

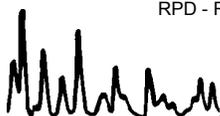
Total number of LCS compounds : 17

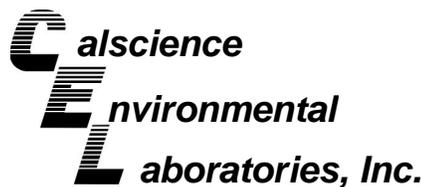
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

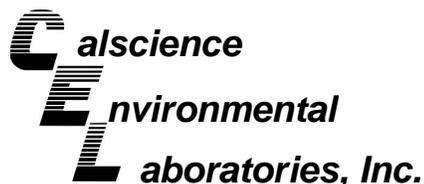
Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8082

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-533-358	Aqueous	GC 31	10/08/09	10/08/09	091008L03

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Aroclor-1016	76	75	50-135	2	0-25	
Aroclor-1260	84	88	50-135	5	0-25	

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 3510C  
Method: EPA 8141B

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-957-22	Aqueous	GC 35	10/08/09	10/08/09	091008L04		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Azinphos Methyl	103	100	30-130	13-147	3	0-30	
Bolstar	85	86	30-130	13-147	1	0-30	
Chlorpyrifos	85	87	30-130	13-147	2	0-30	
Coumaphos	103	100	30-130	13-147	3	0-30	
Diazinon	87	87	30-130	13-147	1	0-30	
Disulfoton	94	94	30-130	13-147	0	0-30	
Ethoprop	90	96	30-130	13-147	6	0-30	
Fensulfothion	96	98	30-130	13-147	2	0-30	
Fenthion	86	88	30-130	13-147	1	0-30	
Merphos	47	46	30-130	13-147	2	0-30	
Methyl Parathion	88	91	30-130	13-147	4	0-30	
Phorate	103	104	30-130	13-147	0	0-30	
Ronnel	85	87	30-130	13-147	2	0-30	
Stirophos	101	100	30-130	13-147	0	0-30	
Tokuthion	81	80	30-130	13-147	1	0-30	
Trichloronate	90	84	30-130	13-147	7	0-30	

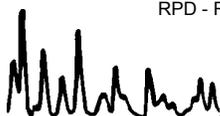
Total number of LCS compounds : 16

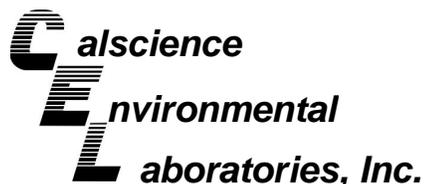
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received: N/A  
Work Order No: 09-10-0521  
Preparation: EPA 5030B  
Method: EPA 8260B

Project: Blythe / 12944-002-2100

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-10-006-30,932	Aqueous	GC/MS CC	10/07/09	10/07/09	091007L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	103	103	80-122	73-129	0	0-20	
Carbon Tetrachloride	108	106	68-140	56-152	1	0-20	
Chlorobenzene	93	93	80-120	73-127	0	0-20	
1,2-Dibromoethane	104	103	80-121	73-128	0	0-20	
1,2-Dichlorobenzene	92	92	80-120	73-127	0	0-20	
1,1-Dichloroethene	101	99	72-132	62-142	1	0-25	
Ethylbenzene	96	98	80-126	72-134	1	0-20	
Toluene	101	101	80-121	73-128	0	0-20	
Trichloroethene	103	103	80-123	73-130	0	0-20	
Vinyl Chloride	96	95	67-133	56-144	2	0-20	
Methyl-t-Butyl Ether (MTBE)	105	104	75-123	67-131	1	0-20	
Tert-Butyl Alcohol (TBA)	96	98	75-123	67-131	1	0-20	
Diisopropyl Ether (DIPE)	105	104	71-131	61-141	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	106	107	76-124	68-132	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	103	104	80-123	73-130	1	0-20	
Ethanol	83	87	61-139	48-152	5	0-27	

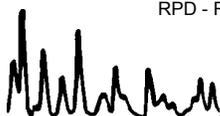
Total number of LCS compounds : 16

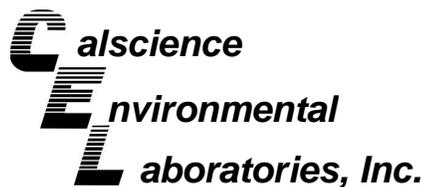
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



AECOM Environment  
1220 Avenida Acaso  
Camarillo, CA 93012-8738

Date Received:  
Work Order No:

N/A  
09-10-0521

Project: Blythe / 12944-002-2100

Matrix: Aqueous or Solid

<u>Parameter</u>	<u>Method</u>	<u>Quality Control</u> Sample ID	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Analyzed</u>	<u>LCS %</u> <u>REC</u>	<u>LCSD %</u> <u>REC</u>	<u>%REC</u> <u>CL</u>	<u>RPD</u>	<u>RPD</u> <u>CL</u>	<u>Qual</u>
Chromium, Hexavalent	EPA 7199	099-05-123-2,444	N/A	10/07/09	101	103	80-120	1	0-20	
Cyanide, Amenable	SM 4500-CN G	099-05-059-436	10/07/09	10/07/09	84	84	80-120	1	0-20	
Cyanide, Total	SM 4500-CN E	099-05-061-2,682	10/07/09	10/07/09	83	83	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit



AECOM Environment  
 1220 Avenida Acaso  
 Camarillo, CA 93012-8738

Date Received:  
 Work Order No:

N/A  
 09-10-0521

Project: Blythe / 12944-002-2100

**Matrix: Aqueous or Solid**

<u>Parameter</u>	<u>Method</u>	<u>Quality Control Sample ID</u>	<u>Date Analyzed</u>	<u>Date Extracted</u>	<u>Conc. Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec</u>	<u>%Rec CL</u>	<u>Qualifiers</u>
Fluoride	SM 4500-F C	099-05-065-1,592	10/08/09	N/A	5.00	5.06	101	80-120	
Nitrite (as N)	SM 4500-NO2 B	099-05-077-367	10/08/09	N/A	0.0250	0.0250	100	80-120	
o-Phosphate (as P)	SM 4500 P B/E	099-05-084-524	10/08/09	N/A	0.400	0.397	99	80-120	
Sulfate	ASTM D516-02	099-05-091-1,543	10/08/09	N/A	20.0	19.5	98	80-120	
Nitrate (as N)	SM 4500-NO3 E/SM 4500-NO2 B	099-04-011-789	10/08/09	N/A	0.500	0.500	100	80-120	
Carbon, Total Organic	SM 5310 D	099-05-097-3,575	10/07/09	N/A	5.00	5.09	102	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 09-10-0521

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.





TABLE A-1  
ANALYTE LIST, SAMPLE HOLDING TIMES AND CONTAINERS

1641

0521

Parameter	Analytical Method (Aqueous)	PQL (mg/L)	Sample Container	Holding Time (days)	Preservation
<b>VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS</b>					
Volatile Organic Compounds (VOCs)	USEPA 8260B	0.005 - 0.050	3 x 40 ml Amber Glass VOA	14	HCl, pH <2 4°C
Total Petroleum Hydrocarbons (TPH-Gasoline Range)	USEPA 8015B	0.05	500 ml Amber Glass Bottle	14	4°C
Total Petroleum Hydrocarbons (TPH-Diesel Range)	USEPA 8015B	0.05	500 ml Amber Glass Bottle	14	4°C
Total Petroleum Hydrocarbons (TPH-Oil Range)	USEPA 8015B	0.05	500 ml Amber Glass Bottle	14	4°C
Total Petroleum Hydrocarbons (Fuel Finger Print)	USEPA 8015B	0.05	500 ml Amber Glass Bottle	14	4°C
Semivolatile Organic Compounds (SVOCs)	USEPA 8270C	0.01 - 0.05	1,000 ml Amber Glass Bottle	7	4°C
Organochlorine Pesticides (OCPs)	USEPA 8081A	0.00005 - 0.001	1,000 ml Amber Glass Bottle	7	4°C
Organophosphorous Pesticides (OPPs)	USEPA 8141A	0.001 - 0.002	1,000 ml Amber Glass Bottle	7	4°C
Chlorinated Herbicides	USEPA 8151A	0.001 - 0.002	1,000 ml Amber Glass Bottle	7	4°C
Polychlorinated Biphenyls (PCBs)	USEPA 8082	0.0005 - 0.001	1,000 ml Amber Glass Bottle	7	4°C
Total Toxic Organic Halogens (TOX)	USEPA 9020B	0.05	500 ml Amber Glass Bottle	28	H <sub>2</sub> SO <sub>4</sub> pH <2, 4°C
<b>METALS<sup>(1)(4)</sup></b>					
CCR Title 22 - California Assessment Manual Metals (CAM)	USEPA 6010B, 7000A	0.002 - 0.02	500 ml Polyethylene	180	HNO <sub>3</sub> , pH <2 4°C
Hexavalent Chromium	USEPA 7199	0.0005	500 ml Polyethylene	24 Hours	4°C
Mercury	USEPA 7470A, 7471A	0.002	500 ml Polyethylene	28	HNO <sub>3</sub> , pH <2 4°C
<b>GENERAL MINERALS - ANIONS<sup>(9)</sup></b>					
Chloride	USEPA 300.0	0.2	250 ml Polyethylene	28	4°C
Flouride	USEPA 300.0	0.1	250 ml Polyethylene	28	4°C
Nitrate	USEPA 300.0	0.5	500 ml Polyethylene	48 Hours	4°C
Nitrite	USEPA 300.0	0.5	500 ml Polyethylene	48 Hours	4°C
Orthophosphate	USEPA 365.2	0.2	500 ml Polyethylene	48 Hours	4°C
Phosphate	USEPA 365.2	0.03	500 ml Polyethylene	28	HNO <sub>3</sub> , pH <2 4°C

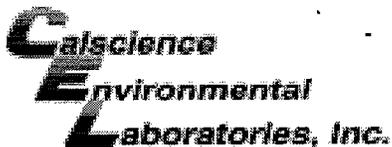
TABLE A-1  
ANALYTE LIST, SAMPLE HOLDING TIMES AND CONTAINERS

1647  
0521

Parameter	Analytical Method (Aqueous)	PQL (mg/L)	Sample Container	Holding Time (days)	Preservation
Sulfate	USEPA 300.0	0.5	500 ml Polyethylene	28	4°C
Sulfide (Total)	USEPA 376.2	0.04	500 ml Polyethylene	7	NaOH + ZnAc, pH >12 4°C
Sulfide (dissolved)	USEPA 376.2	0.04	500 ml Polyethylene	7	NaOH, pH >12 4°C
Cyanide (Total)	USEPA 335.2 or 9010B/9014	0.01	500 ml Polyethylene	14	NaOH, pH >12 4°C
Cyanide (Amendable)	USEPA 9010B/9014	0.01	500 ml Polyethylene	14	NaOH, pH >12 4°C
Radionuclides (Gross Alpha)	USEPA 900	3 pCi/L	2L Polyethylene	6 months	HNO <sub>3</sub> , pH <2 4°C
<b>GENERAL MINERALS - CATIONS<sup>9</sup></b>					
Calcium	USEPA 200.7 or 6010B	0.5	250 ml Polyethylene	180	HNO <sub>3</sub> , pH <2 4°C
Sodium	USEPA 200.7 or 6010B	0.5	250 ml Polyethylene	180	HNO <sub>3</sub> , pH <2 4°C
Potassium	USEPA 200.7 or 6010B	0.5	250 ml Polyethylene	180	HNO <sub>3</sub> , pH <2 4°C
Silica (Total)	USEPA 6010B or 9014	0.2	500 ml Polyethylene	14	HNO <sub>3</sub> , pH <2 4°C
Silica (Reactive)	SM4500	0.2	500 ml Polyethylene	14	NaOH >12 4°C
<b>GENERAL CHEMISTRY</b>					
Alkalinity (as CaCO <sub>3</sub> )	USEPA 310.1	1	500 ml Polyethylene	14	4°C
Ammonia (as N)	USEPA 350.3, SM 4500	0.1	500 ml Polyethylene	48 Hours	H <sub>2</sub> SO <sub>4</sub> , pH <2 4°C
Biochemical Oxygen Demand (BOD)	USEPA 405.1, SM 5210	5	1,000 ml Polyethylene	48 Hours	4°C
Total Dissolved Solids (TDS)	USEPA 160.1, SM 2540C	10	500 ml Polyethylene	7	4°C
Total Hardness	USEPA 130.2	3.3	500 ml Polyethylene	180	HNO <sub>3</sub> , pH <2 4°C
Total Organic Carbon (TOC)	USEPA 415.2, Walkley-Black	1	2 x 40ml VOA	28	H <sub>2</sub> SO <sub>4</sub> , pH <2 4°C
Total Suspended Solids (TSS)	USEPA 160.2, SM 2540D	5	500 ml Polyethylene	7	4°C
Total Settleable Solids	USEPA 160.5	0.1	500 ml Polyethylene	7	4°C
<b>NOTES:</b>			<b>DEFINITIONS:</b>		
<p>(1) 22CCR Metals will be analyzed both as filtered and unfiltered.  (2) Radionuclides will be analyzed both as filtered and unfiltered  (3) General Minerals will be analyzed both as filtered and unfiltered.  (4) Metals samples will be preserved in the field.</p>			<p>CAM - California Assessment Manual (Metals)  CCR - California Code of Regulations  HCl - Hydrochloric Acid  HNO<sub>3</sub> - Nitric Acid  H<sub>2</sub>SO<sub>4</sub> - Sulfuric Acid  MS - Matrix Spike  MSD - Matrix Spike Duplicate  NA - Not Applicable  NaOH - Sodium hydroxide  PQL - Practical Quantitation Limit  SM - Standard Methods  USEPA - United States Environmental Protection Agency</p>		
<b>QA/QC</b>					

TABLE A-1  
 ANALYTE LIST, SAMPLE HOLDING TIMES AND CONTAINERS

Parameter	Analytical Method (Aqueous)	PQL (mg/L)	Sample Container	Holding Time (days)	Preservation
1.) One duplicate aqueous sample will be collected per day. 2.) One MS/MSD will be collected daily for all parameters. 3.) An equipment blank will be collected at the beginning and end of the day. Equipment blanks will be analyzed for the following (as appropriate): VOCs BTEX/MTBE SVOCs Petroleum Hydrocarbons (TPH)			ZnAc - Zinc Acetate	mg/L - milligrams per liter ml - milliliters nMol/L - nanomols per liter µg/L - micrograms per liter uS/cm - microSemiens per centimeter 4°C - 4 degrees Centigrade	
4.) Trip blank samples will accompany coolers and will be analyzed for VOCs. 5.) Temperature blanks will accompany coolers.					



WORK ORDER #: 09-10-0521

SAMPLE RECEIPT FORM

Cooler 1 of 2

CLIENT: AECOM

DATE: 10/7/09

TEMPERATURE: (Criteria: 0.0°C - 6.0°C, not frozen)

Temperature 2.1°C - 0.2°C (CF) = 2.7°C [X] Blank [ ] Sample

[ ] Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

[ ] Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

[ ] Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: [ ] Air [ ] Filter [ ] Metals Only [ ] PCBs Only

Initial: AH

CUSTODY SEALS INTACT:

[ ] Cooler [ ] \_\_\_\_\_ [ ] No (Not Intact) [X] Not Present [ ] N/A

Initial: AH

[ ] Sample [ ] \_\_\_\_\_ [ ] No (Not Intact) [X] Not Present

Initial: YL

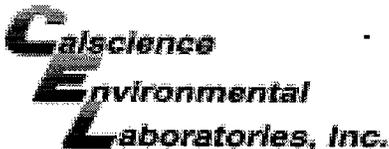
SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody (COC) document(s) received with samples, COC document(s) received complete, Sampler's name indicated on COC, Sample container label(s) consistent with COC, etc.

CONTAINER TYPE:

Solid: [ ] 4ozCGJ [ ] 8ozCGJ [ ] 16ozCGJ [ ] Sleeve [ ] EnCores [ ] TerraCores
Water: [ ] VOA [X] VOAh [ ] VOAna2 [ ] 125AGB [ ] 125AGBh [ ] 125AGBp [ ] 1AGB [X] 1AGBna2 [X] 1AGBs
[ ] 500AGB [X] 500AGJ [ ] 500AGJs [ ] 250AGB [ ] 250CGB [X] 250CGBs [X] 1PB [ ] 500PB [X] 500PBna
[X] 250PB [X] 250PBn [X] 125PB [X] 125PBzanna [ ] 100PJ [ ] 100PJna2

Air: [ ] Tedlar [ ] Summa Other: [ ] Trip Blank Lot#: 090112 AV 10/1/09
Checked by: YL
Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop
Reviewed by: WSC
Preservative: h: HCL n: HNO3 na2: Na2S2O3 Na: NaOH p: H3PO4 s: H2SO4 zanna: ZnAc2+NaOH f: Field-filtered
Scanned by: YL



WORK ORDER #: 09-10-0521

**SAMPLE RECEIPT FORM**

Cooler 2 of 2

CLIENT: AECOM

DATE: 10/17/09

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 3.3 °C - 0.2°C (CF) = 3.1 °C  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:  Air  Filter  Metals Only  PCBs Only Initial: AM

**CUSTODY SEALS INTACT:**

Cooler  \_\_\_\_\_  No (Not Intact)  Not Present  N/A Initial: AM

Sample  \_\_\_\_\_  No (Not Intact)  Not Present Initial: YC

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> COC not relinquished. <input type="checkbox"/> No date relinquished. <input type="checkbox"/> No time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

**Solid:**  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve  EnCores®  TerraCores®  \_\_\_\_\_

**Water:**  VOA  VOA<sup>b</sup>h  VOAna<sub>2</sub>  125AGB  125AGBh  125AGBp  1AGB  1AGBna<sub>2</sub>  1AGBs

500AGB  500AGJ  500AGJs  250AGB  250CGB  250CGBs  1PB  500PB  500PBna

250PB  250PBn  125PB  125PBz<sup>na</sup>  100PJ  100PJna<sub>2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

**Air:**  Tedlar®  Summa® **Other:**  \_\_\_\_\_ **Trip Blank Lot#:** \_\_\_\_\_ **Checked by:** YC

**Container:** C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** W.S.

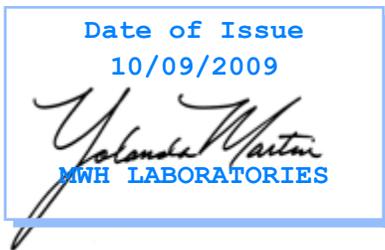
**Preservative:** h: HCL n: HNO<sub>3</sub> na<sub>2</sub>:Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Na: NaOH p: H<sub>3</sub>PO<sub>4</sub> s: H<sub>2</sub>SO<sub>4</sub> z<sup>na</sup>: ZnAc<sub>2</sub>+NaOH f: Field-filtered **Scanned by:** YC

750 Royal Oak Dr., Suite 100  
Monrovia, California, 91016-3629  
Tel: 626 386 1100  
Fax: 626 386 1101  
1 800 566 LABS (1 800 566 5227)

## Laboratory Report

for

Calscience Environmental Labs, Inc.  
7440 Lincoln Way  
Garden Grove, CA 92641-1432  
Attention: Steve Lane  
Fax: 714-894-7501



YOM: Yolanda.O.Martin  
Project Manager



Report#: 316388  
Project: SUBCONTRACT  
Group: SILICA

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

750 Royal Oaks Drive Suite 100, Monrovia, Ca 91016  
Phone 626-386-1100/Fax: 626-386-1101

### Acknowledgement of Samples Received

**Calscience Environmental Labs, Inc.**

7440 Lincoln Way  
Garden Grove, CA 92641-1432  
Attn: Steve Lane  
Phone: 714-895-5494

Customer Code: CALSCIENCE  
Group #: 316388  
Project #: SUBCONTRACT  
Sample Group: SILICA  
Project Manager: Yolanda.O.Martin  
Phone: 626-386-1104

---

The following samples were received from you on **October 08, 2009**. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

---

Sample #	Sample Id	Sample Date
200910080216	TW-1	07-Oct-2009 1130
	Reactive Silica as SiO2	

---

**Test Description**

---



750 Royal Oak Dr., Suite 100  
Monrovia, California, 91016-3629  
Tel: 626 386 1100  
Fax: 626 386 1101  
1 800 566 LABS (1 800 566 5227)

Calscience Environmental Labs, Inc.  
Steve Lane  
7440 Lincoln Way  
Garden Grove, CA 92641-1432

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A Division of MWH Americas, Inc.

750 Royal Oak Dr., Suite 100  
 Monrovia, California, 91016-3629  
 Tel: 626 386 1100  
 Fax: 626 386 1101  
 1 800 566 LABS (1 800 566 5227)

**Calscience Environmental Labs, Inc.**

Steve Lane  
 7440 Lincoln Way  
 Garden Grove, CA 92641-1432

**Laboratory**  
**Hits Report: 316388**

Samples Received on:  
 10/08/2009

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
10/08/2009	17:10 Reactive Silica as SiO <sub>2</sub>	<b>200910080216</b> <u><b>TW-1</b></u>	15		mg/L	1

750 Royal Oak Dr., Suite 100  
 Monrovia, California, 91016-3629  
 Tel: 626 386 1100  
 Fax: 626 386 1101  
 1 800 566 LABS (1 800 566 5227)

**Laboratory Data**  
**Report: 316388**

**Calscience Environmental Labs, Inc.**  
 Steve Lane  
 7440 Lincoln Way  
 Garden Grove, CA 92641-1432

Samples Received on:  
 10/08/2009

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
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**TW-1 (200910080216)**

**Sampled on 10/07/2009 1130**

**SM4500-SIO2 C - Reactive Silica as SiO2**

10/08/2009	17:10	525930	(SM4500-SIO2 C)	Reactive Silica as SiO2	15	mg/L	1	1
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750 Royal Oak Dr., Suite 100  
Monrovia, California, 91016-3629  
Tel: 626 386 1100  
Fax: 626 386 1101  
1 800 566 LABS (1 800 566 5227)

Calscience Environmental Labs, Inc.

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**QC Ref # 525930 - Reactive Silica as SiO<sub>2</sub>**

200910080216

TW-1

**Analysis Date: 10/08/2009**

Analyzed by: CSK

750 Royal Oak Dr., Suite 100  
 Monrovia, California, 91016-3629  
 Tel: 626 386 1100  
 Fax: 626 386 1101  
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**Laboratory**  
**QC Report: 316388**

Calscience Environmental Labs, Inc.

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
<b>QC Ref# 525930 - Reactive Silica as SiO2 by SM4500-SiO2 C</b>					<b>Analysis Date: 10/08/2009</b>				
LCS1	Reactive Silica as SiO2		20	17.9	mg/L	90	(85-115)		
LCS2	Reactive Silica as SiO2		20	20.3	mg/L	102	(85-115)	15	13
MBLK	Reactive Silica as SiO2			<0.5	mg/L				
MRL_CHK	Reactive Silica as SiO2		1.0	0.500	mg/L	50	(50-150)		
MS_200909300138	Reactive Silica as SiO2	22	20	42.4	mg/L	103	(70-130)		
MSD_200909300138	Reactive Silica as SiO2	22	20	41.9	mg/L	100	(70-130)	20	3.0

Spike recovery is already corrected for native results.  
 Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
 Criteria for MS and Dup are advisory only, batch control is based on LCS. Criteria for duplicates  
 are advisory only, unless otherwise specified in the method.  
 (S) Indicates surrogate compound.  
 (I) Indicates internal standard compound.  
 RPD not calculated for LCS2 when different a concentration than LCS1 is used  
 RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)



Certificate of Analysis

Report Date: Friday, October 9, 2009
Received Date: Thursday, October 8, 2009
Received Time: 11:56 am
Turnaround Time: 1 workday

Client: Calscience Environmental Laboratories
7440 Lincoln Way
Garden Grove, CA 92841-1432

Phones: (714) 895-5494
Fax: (714) 894-7501

Attn: Vikas Patel
Project: 09-10-0521

P.O. #:

Table with columns: Lab Sample ID, Sample ID, Matrix, Analyte, Result, DL, RL, Units, Dil, Method, Prepared, Analyzed, Batch, Qualifier. Rows include Total Organic Halides, Gross Alpha, Gross Alpha counting error, and Gross Alpha MDA95.



## Certificate of Analysis

## Quality Control Section

## Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods - Quality Control

## Batch W9J0328 - EPA9020B

Blank (W9J0328-BLK1)					Prepared: 10/09/09	Analyzed: 10/09/09 14:18									
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit						
Total Organic Halides		ND		ug/l											
LCS (W9J0328-BS1)					Prepared: 10/09/09	Analyzed: 10/09/09 14:18									
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit						
Total Organic Halides		39.0		ug/l	50.0	78	70-124								
Duplicate (W9J0328-DUP1)					Source: 9J08036-01					Prepared: 10/09/09	Analyzed: 10/09/09 14:18				
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit						
Total Organic Halides	14.0	15.3		ug/l				9	20						
Matrix Spike (W9J0328-MS1)					Source: 9J08036-01					Prepared: 10/09/09	Analyzed: 10/09/09 14:18				
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit						
Total Organic Halides	14.0	99.1		ug/l	100	85	75-133								

## Radiological Parameters by APHA/EPA Methods - Quality Control

## Batch W9J0225 - SM7110C

Blank (W9J0225-BLK1)					Prepared: 10/07/09	Analyzed: 10/09/09 13:38				
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit	
Gross Alpha		0.834		pCi/L						
Gross Alpha counting error (+/-)		0.799		pCi/L						
Gross Alpha MDA95		0.343		pCi/L						
LCS (W9J0225-BS1)					Prepared: 10/07/09	Analyzed: 10/09/09 13:38				
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit	
Gross Alpha		19.1		pCi/L	18.0	106	70-130			
LCS Dup (W9J0225-BSD1)					Prepared: 10/07/09	Analyzed: 10/09/09 13:38				
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit	
Gross Alpha		17.6		pCi/L	18.0	97	70-130	8	30	



## Certificate of Analysis

### Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services.

The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002



**Authorized Signature**

Contact: Kim G Tu (Project Manager)



ELAP # 1132

LACSD # 10143

NELAC # 04229CA

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.*

### Flags for Data Qualifiers:

ND	NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
Sub	Subcontracted analysis, original report enclosed.
Dil	The total dilution factor is expressed as a multiplication between the preparation dilution factor (a) and the analysis dilution factor (b) as "a x b". (a) and (b) are indicated as whole numbers with rounding up for $\geq 0.5$ and off for $< 0.5$
DL	Method Detection Limit
RL	Method Reporting Limit
MDA	Minimum Detectable Activity

