Former Accutherm, Inc. Site
Franklin Twp., New Jersey
Remedial Investigation and Remedial Action Selection

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401 East State Street, Trenton, New Jersey 08625

Submitted by:
The Louis Berger Group, Inc.
412 Mount Kemble Avenue
Morristown, New Jersey 07960

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1.0 INTRODUCTION

The Louis Berger Group, Inc. (Berger) has prepared this Remedial Investigation Report (RIR) on behalf of the New Jersey Department of Environmental Protection (NJDEP). This RIR documents the findings of a Remedial Investigation (RI) conducted at the Former Accutherm Site (the Site, a.k.a. Kiddie Kollege) located in Franklin Township, Gloucester County, New Jersey (Figure 1). The RI was completed by Berger in association with their state-wide contract with the New Jersey Department of Environmental Protection (NJDEP) to perform site-specific Remedial Investigations and Remedial Action Selection (RI/RAS) at multiple sites throughout the state (NJDEP Term Contract A-60243).

The Site consists of a 0.41-acre parcel currently owned by Jim Sullivan, Inc. and situated on the southwest corner of Delsea Drive (Route 47) and Station Avenue. From 1984 through approximately 1994, the Site was owned and operated by a mercury thermometer manufacturer, Accutherm, Inc. The property was purchased by the current owner in 2002, and the existing on-Site structure was subsequently renovated for use as a day care center.

The NJDEP learned that the Site was being used as a child day care facility, named Kiddie Kollege, during off-site reconnaissance on April 11, 2006. The Kiddie Kollege was closed by its operators on July 28, 2006 in response to NJDEP concerns about mercury contamination. A Preliminary Assessment Report (PAR), dated August 17, 2006, was prepared for the Site on behalf of Jim Sullivan, Inc. by Brinkerhoff Environmental Services, Inc. (Brinkerhoff). Based on the findings documented in the Brinkerhoff PAR (summarized below in Section 2.2), potential environmental concerns were identified at various locations throughout the Site which require investigation to satisfy NJDEP’s Technical Requirements for Site Remediation, NJAC 7:26E (NJDEP, 2005) and to provide sufficient data to develop recommendations for additional investigation and/or remedial actions.

Based on the previous PAR and with the guidance of NJDEP, Berger initially prepared the Site Sampling and Investigation Plan (SSIP) (Berger, 2007) to act as a detailed guide to the investigative activities of the RI. The SSIP provided an approach to investigate and document the surface and subsurface conditions at the Site, and provide the information needed to evaluate potential remedial actions. The RI was implemented in accordance with the SSIP to provide the data needed to fulfill the following primary objectives:
Further investigate the presence of mercury within the existing on-site building;
- Inspect all identified potential sources of soil or groundwater contamination;
- Analyze soil quality where suspected sources of contamination are identified; and
- Characterize the quality and flow direction of groundwater beneath the Site.

This RIR provides a discussion of the Site background and physical setting, a description of the RI activities conducted at the Site and associated findings, and a summary of conclusions and recommendations.
2.0 BACKGROUND

The Former Accutherm, Inc. Site has historically been used as mercury thermometer manufacturing facility from the early 1980s until the early 1990s when it was sold and renovated into a day care center. The background information provided in this section is based on files made available to Berger by the NJDEP. Section 2.1 presents a summary of the site history, and Section 2.2 presents a summary of previous investigations conducted at the Site.

2.1 Site History

Based on information provided in the Brinkerhoff PAR, the Site was occupied by a single residence and small associated sheds until sometime between 1975 and 1980, when the existing one-story structure was constructed. An application for construction of an individual water supply system, filed with the Gloucester County Department of Health in May 1978, listed the type of building to be served as a “newspaper office.” Reportedly, when Accutherm, Inc. purchased the property in 1984, the Site had already been utilized for the manufacturing of mercury thermometers and related instruments. Accutherm ceased operations at the Site in 1994. The property was purchased by the current owner in 2002, and the existing on-Site structure was subsequently renovated. Unfortunately, the Kiddie Kollege child daycare facility started operating at the Site in February 2004. The NJDEP learned that the Site was being used as a child care facility during off-site reconnaissance on April 11, 2006. Based on the findings of Brinkerhoff’s July 2006 indoor mercury investigation, the property owner, current tenant (daycare), and local officials were advised by the NJDEP on July 28, 2006 that the building should not be inhabited until further notice.

2.2 Previous Investigations

Accutherm, Inc. occupied the Site between the early 1980’s and 1994, during which several environmental violations were documented. On November 30, 1987, the Gloucester County Health Department notified Accutherm that the volatile organic compound (VOC) tetrachloroethene (PCE) had been detected at 1.8 μg/l in a water sample collected from the on-Site potable well. At the time, this concentration called for no immediate action; however, an alternative water source or treatment was recommended for long term use. On December 18, 1987, a complaint was filed with the Gloucester County Health Department that employees had high mercury levels. Subsequent blood analysis showed mercury concentrations in six
employees at levels up to 33.0 micrograms per deciliter. A letter from the NJDEP to Accutherm, dated April, 13, 1988, documented that naphtha, aromatic hydrocarbons, volatile organic compounds, and petroleum hydrocarbons had been identified in the on-Site septic system. As a result, the NJDEP ordered that discharges of industrial pollutants to the septic system be ceased.

When Accutherm filed Chapter 11 bankruptcy in early 1994, the requirements of the Industrial Site Recovery Act (ISRA) were triggered; however, the company failed to comply with the ISRA requirements. An environmental investigation was conducted on the property on behalf Midlantic National Bank, which held the mortgage on the property. Free phase mercury was observed inside the building, and mercury vapors were detected in excess of OSHA and NIOSH standards for industrial facilities. On September 28, 1994, Accutherm was advised to immediately post inhalation hazard warning signs on the Site. The signs had not been posted by August 1995.

At the request of the NJDEP, USEPA Region II prepared a Mini Pollution Report on the Site in January 1996. The report concluded that “based on completed air monitoring, soil sample analysis, wipe sample analysis, and the condition and security of the building and surrounding property, the site does not present an immediate threat to human health or the environment.” However, the report did state that “several small droplets of Hg were located on the floor” within a former production room. In addition, two surface soil samples had mercury concentrations of 128 mg/kg near the north side (front) of the building, and 4.2 mg/kg near the southeast corner of the building. The current NJDEP residential direct contact soil cleanup criteria is 14 mg/kg.

Following the identification of the Site being occupied as a day care center, the NJDEP issued a letter to the property owner requesting potable well sampling, the evaluation of the building interior for the presence of mercury, and a Preliminary Assessment/Site Investigation (PA/SI).

On June 8, 2006, raw and treated water samples were collected by Cape Environmental Laboratory from the on-Site potable well. Although the raw water had concentrations of lead and alpha radionuclides exceeding the current NJDEP drinking water standards, no exceedances were detected in the finished water. PCE was also detected in the raw water sample, at 0.52 μg/l, which is below the drinking water standard of 1 μg/l.

Preliminary results of an indoor mercury investigation, conducted by Brinkerhoff at the Site in July 2006, identified mercury vapors at concentrations between 7.0 and 11.4 μg/m³ on the first floor, and 42.7 μg/m³ in the basement. Wipe samples collected throughout the building had
results between non-detectable and 7.4 μg/wipe. Based on these findings, it was determined that the building was not fit for occupancy. A final sampling plan for the building interior was implemented by Brinkerhoff on August 10, 2006. The analytical results of the collected air samples identified concentrations on the first floor of the building up to 13 μg/m³, and within the basement up to 200 μg/m³. The highest wipe concentration was found to be collected from the floor outside of the basement stairway, at 9.0 μg.

On August 9, 2006, Brinkerhoff sampled 4 potable wells at residences in the immediate vicinity of the site. The samples were analyzed for mercury, lead, and VOCs. NJDEP later conducted follow-up sampling at 3 of the residences. No mercury was detected in any of the wells. One residence had a slight exceedance of the NJDEP Ground Water Quality Standard (GWQS) for vinyl chloride (a VOC), which was confirmed in a second sample. That residence was made eligible for a Spill Fund Claim to have a treatment device installed. NJDEP also confirmed that 2 wells at the Iona Trailer Park (located directly south of the site) were sampled for mercury in September 2006, with no mercury detected.

A PAR for the Site was completed by Brinkerhoff on August 17, 2006, which identified several areas of environmental concern (AOCs) requiring further investigation. Refer to the PAR for additional information. The timeline for the Site (Appendix A) also provides more detailed information regarding previous investigations.
3.0 PHYSICAL SETTING

The Site is located at 162 Station Avenue (formerly 1600 Delsea Drive), at the southwest corner of Delsea Drive and Station Avenue in Franklin Township, Gloucester County, New Jersey. The coordinates of the Site are approximately 39°36’12” north latitude, and 74°04’09” west longitude. The Site is composed of a 0.41-acre lot that is designated by the Township of Franklin as Lot 1 of Block 4111. Currently, a one-story building occupies the center portion of the lot, and is surrounded by asphalt pavement. Figure 1 depicts an annotated U.S.G.S. 7.5-minute quadrangle (Newfield, NJ) showing the site location, local topography, surface water, and cultural features. Additionally, a site plan illustrating the property features is presented as Figure 2.

Although the surrounding land is primarily residential, an office building is situated north of the Site. To the east, across Delsea Drive, a residence and an unimproved lot are present. Residences lie to the west of the Site. The lots bordering the southern edge of the Site are unimproved.

3.1 Topography and Drainage

The Site is situated at an elevation of approximately 112 feet above mean sea level (amsl) and slopes gently to the south. Based on a review of the local topography, the Site is located just east of a drainage divide between Little Ease Run (to the west) and Scotland Run (to the east). Overland drainage is expected to flow south-southeast towards Scotland Run, located approximately 0.5 miles away. Both Little Ease Run and Scotland Run are ultimately tributaries of the Maurice River, and are classified as a fresh water/non-trout water bodies (FW2-NT) by the NJDEP Surface Water Quality Standards (N.J.A.C. 7:9B, 2005). The Maurice River Watershed drains 386 square miles of land within the Delaware Bay Drainage Basin (Drainage Basin Map of New Jersey, 1972).

3.2 Climate

The climate of this region is temperate-humid, with warm summers and moderate winters. The high temperature in the summer seldom exceeds 100°F and the low temperature in the winter rarely drops below 0°F. The temperature from late May through early September consistently reaches 90°F, and the mean annual temperature is 54°F. Precipitation averages 44 inches per year with the heaviest amounts typically falling in the summer months (NOAA, 2006).
3.3 Soil and Geology

According to the *Soil Survey of Gloucester County, New Jersey* (USDA, 2007), the Site is underlain by the Aura sandy loam, which is formed in alluvial deposits. The Aura sandy loam is gentle to moderate sloping and well-drained, with moderately slow to rapid permeability and a moderate water capacity. The *Surficial Geologic Map of Central and Southern New Jersey* (Newell et al., 2000) shows that the Site is underlain by the Bridgeton Formation, which is fluvial in origin and consists of sand, gravel, silt, clay, cobbles and boulders. The Bridgeton dates to the Miocene Epoch, and is estimated to be approximately 20 feet thick in the vicinity of the Site.

According to the *Bedrock Geologic Map of Central and Southern New Jersey* (Ownes et al., 1998), the Cohansey Formation underlies the (Bridgeton) surficial deposits beneath the Site. Also Miocene in age, the Cohansey Formation is comprised of white to yellow sand with local gravel and clay, and is typically crossbedded. Staining to red or orange brown by iron oxides may occur locally. The Cohansey is estimated to be approximately 50 feet thick beneath the Site, and is underlain by the lower member of the Kirkwood Formation, which is described as massive to thick-bedded yellow to white sand (upper facies) and clay (lower facies).

Soil recovered during the RI activities to approximately 30 feet below ground surface (bgs) were consistent with the above descriptions, and generally consisted of dark yellowish orange to light brown coarse to fine sand with little fine gravel.

3.4 Hydrogeology

During the installation of monitoring wells as part of the RI field effort, groundwater was encountered at a depth of approximately 23 feet bgs. Based on groundwater elevation data obtained from the monitoring wells installed during the RI, groundwater beneath the Site generally flows south towards Scotland Run, with a south-southeast flow component in the eastern portion of the property. The shallow groundwater flow regime may also be locally influenced by pumping wells used for domestic water supply.
4.0 TECHNICAL OVERVIEW AND FINDINGS

The RI field effort was conducted between May and July 2007. Activities addressing on-site contamination and outstanding data gaps identified during previous investigations were performed in accordance with the NJDEP-approved SSIP (Berger, 2007). Implementation of the activities and the associated findings are described below.

All on-site sampling and investigation activities were performed in accordance with the New Jersey Technical Requirements for Site Remediation (NJDEP, 2005), the New Jersey Field Sampling Procedures Manual (NJDEP, 2005), and, where applicable, other relevant or appropriate USEPA regulations and guidance for conducting investigations at uncontrolled hazardous contamination sites. All field activities were performed in accordance with procedures set forth in the NJDEP-approved Programmatic Health and Safety Plan (HASP, Berger, 2006) and Site-Specific Health and Safety Plan (SSHASP) (Berger, 2007).

4.1 Geophysical Survey

Berger retained Advanced Geologic Services, Inc. (Advanced) to perform preliminary geophysical surveys of the Site prior to excavation and drilling. The surveys were conducted for two general purposes: 1) to determine the presence and location of subsurface structures and anomalies including the septic system/disposal fields and associated drain lines, the potable well, potential USTs, and other subsurface structures throughout the Site; and 2) to determine the approximate location, depth, and orientation of subsurface utilities. Subsurface utilities can present a drilling hazard during the investigation and act as a pathway for the migration of any contamination occurring in the proximity of utility trenches. The full geophysical report is presented as Appendix B.

The geophysical survey method used at the Site was a combined electromagnetic (EM) and ground penetrating radar (GPR) survey. EM data were collected in an approximate 5-foot grid pattern, during which real time positioning was achieved using a sub-meter accuracy global position system (GPS) integrated with the EM instrument. GPR data were collected as needed based on the initial EM results (i.e., to further investigate any EM anomalies). Features and anomalies identified during the geophysical survey are discussed below in the appropriate subsections.
4.2 Building Interior Assessment

A Building Interior Assessment was performed to further investigate the presence of mercury within the existing on-site building and evaluate whether cleaning and abatement of the facility is an alternative to demolition. The full Building Interior Assessment Report is provided in Appendix C.

The assessment included an inspection using real time monitoring equipment, sampling of building finishing and structural materials, and surface wipe sampling. The data obtained via all of these methods showed a general increase in mercury concentration from the attic crawlspace to the basement.

Mercury vapor monitoring and wipe sampling results indicated the greatest mercury contamination near the southeast corner of the basement (305 ug/m³ and 24,000 ug/wipe, respectively). Elevated mercury vapor concentrations were detected directly above this hot spot, in the southeast corner of the kitchen (first floor) and southeast corner of the attic crawlspace. In addition, bulk samples collected from within the kitchen revealed consistently higher levels of mercury than the rest of the first floor.

In conclusion, both the structural and finishing building materials were confirmed to be contaminated with mercury. Bulk material and surface wipe sampling revealed the consistent presence of mercury contamination on the original porous exterior walls and framing materials, as well as the finishing materials used to build the daycare facility. The highest bulk mercury concentrations were detected in the samples collected from the basement concrete wall (90, 170, and 230 mg/kg, respectively). Based on these results, it is likely that relatively high concentrations of mercury are present in the porous building materials throughout the basement.

4.3 Soil Investigation

Due to the documented prior use of the facility for thermometer manufacturing, and reported disposal practices, the potential for soil contamination was determined to exist at the Site. Soil samples were collected for laboratory analysis to document the presence of any contamination resulting from the identified concerns. These soil samples were collected from exploratory excavations, soil borings, and shallow sample locations, and were analyzed by Hampton-Clarke/Veritech (NJDEP Certification #14622) of Fairfield, New Jersey for contaminant compounds applicable to each environmental concern. A sample location plan is provided as
Figure 3. A soil sample summary table, which includes all of the soil samples collected during the RI activities, is presented as Table 1.

The analytical results of all soil samples collected during the sampling events are presented on Tables 2a through 2d. The analytical results were evaluated with respect to the NJDEP Residential Direct Contact (RDCSCC), Non-Residential Direct Contact (NRDCSCC) and Impact to Groundwater (IGWSCC) Soil Cleanup Criteria (revised 5/12/99). For each individual chemical compound, the most stringent of the three sets of criteria comprises the NJDEP’s Unrestricted Use Soil Cleanup Criteria (SCC), which was used to identify soil contaminant exceedances. No compounds were detected in excess of the SCC in any of the soil samples collected during the RI.

4.3.1 Exploratory Excavations

A total of seven exploratory test pits were excavated during the RI using a rubber tire backhoe (Figure 3). Each excavation was approximately three (3) feet wide; however, the length and total depth varied as conditions warranted. All excavated soil was temporarily stockpiled adjacent to the test pits and visually inspected for evidence of contamination, field screened with a PID and MVA, and classified according to the Burmister Soil Classification System (Burmister, 1949). Excavation logs were recorded to document subsurface conditions including soil type/color, PID readings, depth to groundwater, contaminant observations/odors, and dimensions of each test pit (Appendix D). Following completion of soil sample collection for analysis, the excavated soil was then used to backfill the excavations in the reverse order from which it was dug (the soil last removed backfilled first, and soil first removed backfilled last).

No elevated PID or MVA measurements were observed as the test pits were excavated. Soil samples were collected from each of the test pits using a stainless steel trowel. Refer to Figure 3 and Table 1 for the location and depth from which each soil sample was collected from the excavations. The samples were shipped under chain of custody to Hampton-Clarke/Veritech, and all of the samples were analyzed for mercury, total petroleum hydrocarbons (TPH) and target compound list volatile organics plus a library search (TCL VOC+10).

Analytical results of the soil samples collected from the exploratory excavations are summarized on Table 2a. The following subsections provide area-specific discussions of the exploratory excavation activities.
Drain From Laboratory

According to the Brinkerhoff PAR, a drain was identified in the former laboratory (currently the bathroom/kitchen area), which may have received process waste materials during the former Site operations. The drain leads through the basement and to the building exterior. During the geophysical survey, the drain line could not be traced beyond the basement, and further investigation of the line was incorporated into the investigation for Suspected Areas of Discharge. Two trenches (TP02 and TP03) were excavated in the area, but the drain line could not be found. Soil sampling conducted within these trenches and the associated findings are summarized below in the Suspected Areas of Discharge subsection.

Septic System

Sanitary sewage and alleged wastes from mercury thermometer manufacturing processes were reportedly discharged to the Site’s original septic system between the early 1980s and 1994. During this time, the system consisted of one septic tank and one leach field. Prior analysis of soil and aqueous samples collected from the original septic system and disposal field revealed the presence of mineral spirits, naptha, aromatic hydrocarbons, VOCs, mercury, and petroleum hydrocarbons.

Figure 2 depicts the location of the original septic tank (still in place), as well as the original leach field. On July 24 2002, the Gloucester County Health Department (GCHD) issued the Site a license to operate a septic system based on the completion of an alteration/malfunction upgrade. The upgrade included the connection of a new leach field (12 feet by 52 feet) to the existing septic tank of the original system (Figure 2). The original leach field was bypassed, and reportedly abandoned in place. Subsequently, a permit application for an additional alteration/expansion upgrade was approved by the GCHD on December 15, 2003. The application included the proposed addition of a 500 gallon septic tank and eight-foot wide disposal field expansion. Based on conversations with a representative of the GCHD, this upgrade was required for the planned use of the Site as a day care facility. Although it was previously understood that the upgrade was completed and that a new septic tank was installed, the GCHD representative indicated that the additional work was never completed. No evidence of a second septic tank or expanded disposal field was found during the RI.

As shown on Figure 3, the abandoned laterals and leach field for the original septic system were located during the geophysical survey, and test pit TP07 was excavated in an effort to confirm
the laterals and investigate the surrounding soil. Three perforated PVC laterals measuring approximately 4 inches in diameter and spaced approximately 5 feet apart were uncovered. These three laterals were observed to connect to the delivery lateral joining the original septic tank and the new leach field. The laterals were cut and removed within approximately two feet of the delivery lateral, and capped. The excavation was advanced to approximately 4.5 feet below ground surface (bgs), where native material was encountered. Five soil samples were collected from TP07 as shown on Figure 3 (sample IDs TP07A through TP07E). The samples were collected at a depth of 4.0 to 4.5 feet bgs, from native soil encountered just below the leach field infiltrate. No exceedances of the SCC were detected in any of the soil samples collected from TP07 (Table 2a).

Suspected Areas of Discharge

The Site was unpaved while Accutherm, Inc. was in operation (early 1980s through 1994). Wastes from the former mercury thermometer manufacturing processes were allegedly discharged to the ground surface along the southern side of the existing building. This area was paved, along with a majority of the Site, prior to the changed use of the Site to a child daycare facility. Due to reports of alleged dumping along the southern side of the building, further investigation and soil sampling was warranted. Two shallow trenches (TP02 and TP03) were excavated between the south wall of the building and the southern property boundary (Figure 3). Soil samples were collected from five locations per trench and two depth intervals per location (10 samples from each trench).

Additional exploratory excavations were dug to investigate the areas of the highest mercury concentrations identified by the USEPA in their January 1996 Mini Pollution Report. The USEPA sample AS-6 (with mercury at 128 mg/kg) was collected approximately 12 feet from the northern edge of the building. Two trenches (TP01 and TP06) were excavated in this area during the RI. Soil samples were collected from three locations per trench and two depth intervals per location (six samples from each trench). Sample AS-2 (with mercury at 4.2 mg/kg) was collected during the previous USEPA investigation near the southeast corner of the building. One test pit (TP05) was excavated in this area, and four soil samples were collected for analysis.

One additional test pit (TP04) was excavated at the request of the NJDEP based on the observed evidence of mercury contamination in the southeast interior of the building. Test pit TP04 measured approximately three feet wide and nine feet long and was advanced to a depth of approximately 7.5 ft bgs. Similar to all other soil screened within the exploratory excavations
throughout the Site, no elevated PID or MVA measurements were observed. Two soil samples were collected for confirmatory purposes. Again, similar to all other soil samples collected during the RI, no exceedances of the SCC for any contaminants were identified (Table 2a).

During the geophysical survey, an anomaly was identified along the western side of the building (“Anomaly A,” as referenced by Advanced in Appendix B). Test pit TP08 was excavated in this area to further investigate the anomaly. No evidence of a UST or other subsurface structure was found. Another geophysical anomaly (“Anomaly D”) was found in the northeastern portion of the Site. The anomaly appeared to be situated beneath an existing gas main, and may have been due to components of the gas line itself, or the effects of the gas line trench. For safety purposes, no subsurface activities were conducted to investigate Anomaly D.

4.3.2 Direct Push Soil Borings

Using a direct push drill rig, a total of 13 soil borings were advanced during the RI field effort. Each boring was terminated at approximately 12 feet bgs, and a continuous two-inch diameter core of soil was recovered via disposable acetate sleeves. Each soil interval was visually inspected for evidence of contamination and field-screened with a PID and MVA. All recovered soil was classified according to the Burmister Soil Classification System (Burmister, 1949), and logs were recorded to document subsurface conditions including soil type/color, PID readings, depth to groundwater, and drilling specifications (Appendix D). The analytical results of the soil samples collected from the direct push soil borings are summarized on Table 2b. The borings were advanced to investigate soil adjacent to the building foundation and the new septic disposal field, as described below.

Soil Adjacent to Building Foundation

Due to the known presence of mercury in the basement of the existing building, it was suspected that soil adjacent to the concrete building foundation were also impacted. Eight soil borings (SB1 through SB8) were advanced around the perimeter of the building as shown on Figure 3. Two soil samples were collected from each boring as follows (refer to Table 1):

- One shallow sample was collected from a depth of 6 to 12 inches bgs for mercury and TPHC analysis, and from 18 to 24 inches bgs for TCL VOC+10 analysis.
- One deeper sample was to be collected from the 6-inch interval most suspected of contamination, to a maximum depth of 10 feet bgs.
• However, evidence of contamination was not observed in any recovered soil; therefore, the sample was collected from the six-inch interval corresponding to the invert of the building foundation (approximately 8.0 to 8.5 feet bgs). The deeper sample was also submitted for mercury, TPHC, and TCL VOC+10 analysis.

No compounds were detected in excess of the SCC in any of the soil samples (Table 2b).

**Septic System**

In an effort to assess the soil quality in the area of the new septic disposal field, five soil borings (SB9 through SB13) were advanced within two feet of the edge of the field and angled in an effort to collect samples from below the infiltrative surface. No elevated PID or MVA measurements were observed in any recovered soil. One soil sample was collected from each boring at a depth of approximately 4.0 to 4.5 ft bgs, which corresponded to the six-inch interval beneath the infiltrative layer of the disposal field. The soil samples were submitted for mercury, TPHC, and TCL VOC+10 analysis. It is noted that the VOC portion of each soil sample was collected from a depth of 9.5 to 10.0 ft bgs (in accordance with N.J.A.C. 7:26E). No exceedances of the SCC were identified in any of the soil samples (Table 2b).

**4.3.3 Shallow Soil Sampling**

Shallow soil samples were collected during the RI at a total of 26 locations. The samples were collected from the first 24-inch depth interval at each location (0 to 0.5 ft bgs for mercury and TPHC analysis and 1.5 to 2.0 ft bgs for TCL VOC+10). Select sample locations were only submitted for mercury analysis. No elevated PID or Jerome MVA measurements were observed during the collection of any of the samples.

To further investigate potential dumping outside of the building during former operations, 10 shallow soil samples (HA1 through HA10) were collected along the western and southern property boundaries of the Site on May 8 and May 15, 2007. Subsequent boundary surveying showed that all 10 of those sample locations were on the neighboring properties. At the request of the NJDEP, two background soil samples (HA11 and HA12) were also collected from the front lawn of the Franklin Township municipal building, located approximately one mile south of the Site along Delsea Drive (see Figure 1).
In January 2007, the NJDEP had collected 12 offsite shallow soil samples (S1 through S12), generally to the south and west of the Site. The 12 samples were submitted for mercury analysis only. Two additional samples were later collected in the same area by Berger during the RI to supplement these results (HA13 and HA14).

Table 2c shows the analytical results of the shallow soil samples collected by Berger during the SI, and Table 2d shows results of the samples collected by the NJDEP. The laboratory analyses did not reveal any exceedances of the SCC.

4.4 Groundwater Investigation

In order to fill groundwater flow data gaps and better characterize the Site’s groundwater quality, five monitoring wells were installed at the Site and sampled. Four wells (MW01, MW03, MW04, and MW05) were installed near the four corners of the Site, and MW-2 was installed near the center of the Site, just north of the existing building (Figure 3).

4.4.1 Monitoring Well Installation

The five monitoring wells were installed to a depth of 28.0 feet bgs using hollow-stem auger drilling techniques. Split spoon samples were collected from select depth intervals to aid in the identification of the water table, which was encountered at approximately 20 feet bgs. Each monitoring well was constructed with 2-inch schedule 40 PVC casing threaded into a 10-foot length of PVC well screen intersecting the water table (screen size = 0.010 inch), and capped at the bottom. The annular space between the PVC and the wall of the borings was filled to a depth corresponding to 2 feet above the well screen with size #1 well gravel. A layer of fine sand (size #00) was then installed, and then the remainder of the annulus was sealed with grout. A vented, locking well plug was installed at the top of the PVC riser (Master Lock No. 2010). Monitoring wells MW01 and MW02 were completed as flushmounts, and MW03 through MW05 were completed as stickups. Following monitoring well installation, each well was developed until a near turbid-free discharge was achieved. All well construction activities were performed by a New Jersey licensed well driller of Uni-Tech Drilling, Inc. of Malaga, New Jersey under the oversight of Berger personnel. Copies of all drilling logs, well permits, records, and certification forms are included in Appendix E.
4.4.2 Groundwater Sampling and Analysis

Two groundwater sampling events were conducted at the Site during the RI. The first round was conducted on June 18 through June 19, 2007 and the second round was conducted on July 31, 2007. A summary of all groundwater samples collected during the sampling event is presented on Table 4 and the purge logs are provided in Appendix F.

Prior to sampling, depth to water measurements were collected from all site wells. As each monitoring well plug was removed, a headspace vapor reading was recorded with a PID. Water levels were then measured from the top of the PVC well casing. These water level readings were subsequently subtracted from the surveyed well elevations to establish a water level elevation at each location. Table 3 shows the groundwater elevations as measured on these dates. As depicted on the Groundwater Elevation Contour Map for the June 2007 sampling event (Figure 4), shallow groundwater beneath the Site generally flows south, with a south-southeast flow component in the eastern portion of the property. The groundwater elevation data for the July 2007 event showed very similar results.

Subsequent to the water level measurement at each well, groundwater samples were collected by low flow purging and sampling technologies in accordance with the NJDEP Field Sampling Procedures Manual (2005). Dedicated Teflon®-lined tubing was installed and connected to a QED SamplePro® bladder pump with a disposable Teflon bladder. Pumps were placed at the mid-point of the water column. A low-flow purge was initiated and maintained at a pumping rate not in excedance of 500 ml/min. A continuous flow was monitored for pH, dissolved oxygen, turbidity, conductivity, redox potential, and temperature. Additionally, water levels, pump depth, purge rates/times, sampling times, and weather were recorded on purge logs (Appendix F). After well purging and water stabilization requirements were met, groundwater samples were collected directly from the effluent (prior to flow-through apparatus). All groundwater samples were submitted for TCL VOC+10 and priority pollutant (PP) metals analysis.

The analytical results of the groundwater samples collected during the June 2007 and July 2007 sampling events are summarized on Tables 5a and 5b, respectively. During the first round of sampling, monitoring wells MW02 and MW03 exhibited contaminant concentrations above the GWQS. Specifically, MW02 exhibited arsenic (18 μg/l), chromium (83 μg/l) and lead (26 μg/l) above the GWQS of 3 μg/l, 70 μg/l and 5 μg/l, respectively. While purging, this well exhibited
high turbidity readings that were out of range (999 NTUs; Appendix F). MW03 exhibited methylene chloride at a concentration of 3 μg/l, which is the GWQS for this contaminant.

The analytical results of the second round of sampling (Table 5b) identified contaminant concentrations above the GWQS in monitoring wells MW02, MW03, MW04, and MW05. Lead was detected in MW02 at a concentration of 6.9 μg/l, which is above the GWQS of 5 μg/l, and mercury was detected in MW05 at 2.6 μg/l, above the GWQS of 2 μg/l. High turbidity was again measured while purging monitoring well MW02 (999 NTUs, i.e., out of range). Monitoring wells MW03 and MW04 showed methylene chloride concentrations of 3.4 μg/l and 4.9 μg/l, respectively, above the GWQS of 3 μg/l. In addition, methylene chloride was detected at 3.3 μg/l in the trip blank.

4.5 Septic Tank Sampling

The septic system for the Site is located in the northeastern portion of the property (Figure 2). The layout of the septic system components was determined through inspection and the geophysical survey. The septic tank was accessed by the cleanout manholes in the asphalt parking lot. One sludge sample (SS01) and one liquid sample (SL01) were collected from the septic tank and analyzed for mercury, lead, TPHC, TCL VOC+10, and base/neutrals plus a library search (TCL BN+15) (Table 6). The analytical results of the solid septic sample were compared with the SCC (Table 7a), and the results of the liquid sample were compared with the GWQS (Table 7b). It is noted that these criteria were selected for comparative purposes only. The septic tank was observed to be fully lined with concrete. Mercury was detected above the GWQS in the liquid sample SL01 at 24 μg/l. No other compounds were detected above the selected comparative criteria.

4.6 Brick Well Sampling

During the geophysical survey, an anomaly was identified in the asphalt parking area to the east of the building. Further investigation using a rubber tier backhoe revealed the presence of a hand dug brick well. The well was observed to be approximately three feet in diameter and approximately 22 feet deep. During the initial investigation on May 17, 2007, approximately 0.5 inches of water was observed in the well. A temporary steel road plate was then placed over the well for safety purposes. The well was uncovered on June 18, 2007 with the intention of collecting a groundwater sample; however, the well was observed to be dry. One solid “soil”
sample (BW-1) was collected from the bottom of the well at a depth of approximately 22.0 to 22.5 feet bgs. The steel plate was placed back over the well after sampling was completed. No elevated PID or Jerome MVA measurements were observed in the recovered soil. The sample was analyzed for mercury, lead, TPHC, TCL VOC+10, and TCL BN+15 (Table 6). The analytical results of the brick well solid sample are included on Table 7a. No compounds were detected above the SCC.

As of the preparation of this RIR, it is anticipated that the well will be closed by a licensed well driller in accordance with N.J.A.C. 7:9D-3.3. If possible, a groundwater sample will also be collected from the well. Documentation of the well closing, as well as the results of the groundwater sample (if obtained), will be forwarded to the NJDEP upon completion.

4.7 Potable Well Investigation

The Site is serviced by a potable well reportedly situated near the southwestern corner of the property. The permit for the well (No. 31-13520) was approved by the NJDEP on May 15, 1978. An application for the construction of an individual water supply system, approved by the Gloucester County Health Department on May 8, 1978, lists the proposed well as being constructed with two-inch casing, with an open borehole from 55 to 60 feet bgs. However, other references indicate that the well has a total depth of 70 feet.

An effort was made to document the location of the potable well during the RI. The pump for the well was identified in the building basement, and during the geophysical survey, an attempt was made to trace the water line south from the basement to the exterior; however, the line could not be traced far (likely due to the pipe construction changing to a non-conductive material). The geophysical subcontractor did observe an anomaly in the southwest corner of the Site (“Anomaly B,” as referenced by Advanced in Appendix B). The anomaly was thought to be the location of the potable well, and during the excavation of TP02, a two-inch black polyethylene water line was encountered in the bottom of the trench at approximately four feet bgs. The water line was accidentally broken; however, it was repaired by the drilling/excavation subcontractor using a PVC pipe section prior to backfilling the trench. The approximate location of the water line is shown on Figure 2. The water line was not encountered while excavating TP03; therefore, based on discussions with the NJDEP on-site, the well may be located between trenches TP02 and TP03 (Figure 2).
4.8 Site Survey and Mapping

In order to plot the vertical and horizontal locations of all sampling points, groundwater levels, and any other pertinent site features on a single, accurate site plan, a ground survey was conducted during the RI. Locations of soil sample collection points, test pit excavations, soil borings, and monitoring wells were surveyed for horizontal and vertical location to the nearest 0.01-foot accuracy. All horizontal data were surveyed in the New Jersey State Plane Coordinate System (NAD83), and elevations surveyed in the North American Geodetic Vertical Datum (NAGVD88).

4.9 Well Search

All properties in the vicinity of the Site are serviced by private domestic potable wells. A request was filed with the NJDEP Bureau of Water Allocation (BWA) to perform a file search of all records pertaining to monitoring wells and domestic wells within a one-half mile radius of the Site and any industrial, public supply, irrigation wells, and wells with water allocation permits within a one-mile radius of the Site. The well search files were received from the BWA on November 9, 2007, and are included in Appendix G.

In addition, the Gloucester County Health Department (GCHD) was contacted to determine whether any additional sources of information are available with regard to wells in the area of the Site. A representative indicated that the GCHD keeps records of potable wells that have been installed within approximately the past 20 to 30 years, but that their files consist of the same State permits and records as those available through the BWA. Supplemental GCHD inspector’s notes may be available for particular wells, with recorded depths and other field measurements that were recorded at the time of installation. With regard to local water purveyors, the GCHD representative indicated that there is no public water supplied within Franklin Township, with the exception of a small area within Newfield, which is located approximately 4.5 miles south-southeast of the Site.
5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of the RI, conclusions and recommendations are provided below for site soil, groundwater, and the existing building. In addition, approximate cost estimates are provided for remedial options considered to be viable for the Site.

5.1 Soil

Soil samples collected during the RI from exploratory excavations, soil borings, and surface locations did not reveal any exceedances of the NJDEP Unrestricted Use Soil Cleanup Criteria (SCC) for mercury or any other contaminants. The RI revealed no evidence of contaminant migration from the building interior, or of the alleged disposal of wastes from mercury thermometer manufacturing processes to the exterior ground surface. Although an effort was made to collect soil samples as close as possible to the building foundation, further soil sampling is recommended should the existing building be removed (including beneath and around the foundation).

5.2 Groundwater

Groundwater sampling from five newly installed permanent monitoring wells showed the presence of arsenic, chromium, lead, mercury, and methylene chloride above the GWQS. Arsenic, chromium, and lead were only detected above criteria in only one monitoring well, MW02, which is an upgradient well. These metals exceedances were likely the result of suspended sediments from the surrounding formation, as evidenced by the high turbidity observed while purging MW02 during both rounds (Appendix F). In addition, it is noted that only lead exceeded the GWQS in MW02 during the second round; arsenic and chromium were not detected. Methylene chloride was detected during both rounds of sampling, but it is likely a laboratory contaminant. The only potential contaminant of concern identified in groundwater was mercury, which is known to be a site-related contaminant, and was detected during the second round of sampling in MW05 at 2.6 \( \mu g/l \), slightly above the GWQS of 2 \( \mu g/l \). No other analytes were detected above the GWQS in the samples collected from monitoring well MW05.

A liquid sample collected from the septic tank during the RI revealed the presence of mercury at 24 \( \mu g/l \). It is noted that MW05 is located downgradient of the “new” septic leach field. The identified presence of mercury in the septic tank may be a residual source of the mercury
detected slightly above the GWQS in MW05. Two scenarios regarding the septic system are included in the remedial options outlined below: 1) cleaning of the septic tank and the removal of the leach field; and 2) removal of the entire septic system. With either alternative, the existing monitoring wells could be used to provide continued monitoring of the groundwater.

5.3 Building Interior

The results of the Building Interior Assessment confirmed that both the structural and finishing building materials are contaminated with mercury. Bulk material and surface wipe sampling revealed the consistent presence of mercury contamination on the original porous exterior walls and framing materials, as well as the finishing materials used to build the daycare facility. The highest bulk mercury concentrations were detected in the samples collected from the basement concrete wall (90, 170, and 230 mg/kg, respectively).

Based on research of other mercury-contaminated sites and conversations with environmental cleanup contractors regarding viable remedial options for the building, two options were assessed: 1) demolition; and 2) decontamination for reoccupancy. For comparison purposes, approximate cost estimates are provided for these two options on Tables 8a and 8b, respectively, and further details are provided in the following subsections.

5.3.1 Demolition

The demolition option cost estimate (Table 8a) assumes that all components of the building are mercury-contaminated, and will require off-site disposal at a licensed facility. The estimated 550 tons of mercury-contaminated building materials would include the concrete foundation, the exterior structure-supporting brick and cinder block walls, and the interior frame and finishing components. A maximum concentration of 260 mg/kg mercury is also assumed, as exceedances of this limit require that the mercury be retorted, or recovered, from the materials prior to disposal. Additional costs for retorting at a separate facility prior to disposal are not included in the estimate. Approximately 10 days were included for demolition, loading, and transportation, and two days were included for site restoration (backfilling the excavation resulting from the removal of the building foundation).

The estimate for the removal of the septic system includes off-site disposal and replacement of the leach field soil. The septic system components are assumed to be covered by the 550 ton estimate of building materials to be disposed of off-site at a licensed facility. Should samples collected below and around the removed building foundation identify soil contamination, further
The Louis Berger Group, Inc. Remedial Investigation Report – Former Accutherm, Inc. Site, Franklin Township, New Jersey

sampling and remediation would be required. Other assumptions and costs associated with the demolition option are detailed on Table 8a.

### 5.3.2 Decontamination for Reoccupancy

The decontamination for reoccupancy option (Table 8b) assumes that the removal and disposal of various “finishing materials” (including drywall, insulation, carpeting, etc.), as well as the heating, ventilation, and air conditioning (HVAC) system, would first be required. These materials would amount to approximately 100 tons of mercury-contaminated building materials requiring off-site disposal at a licensed facility. Similar to the demolition option, a maximum concentration of 260 mg/kg is also assumed.

The remaining building components (including the concrete foundation, exterior structure-supporting brick and cinder block walls, and interior framing components) would then be decontaminated using a solution made from water and HgX®. According to the manufacturer’s material safety data sheet, HgX® is a “proprietary blend of sodium thiosulfate and ethylenediaminetetraacetic acid.” The solution would be applied to all surfaces using low-volume sprayers, brushes, or mops, and allowed to seep into voids and react overnight (care would be taken to minimize spillage and pooling, etc.). The process converts free mercury into a non-volatile, water soluble compound. The residue would then be mopped or sponged with water from the building surfaces, and the resulting solution would be drummed for off-site disposal. Two iterations of the decontamination procedure are included in this line item ($100,000). Confirmation air and wipe sampling would then be performed, and the remainder of the cost estimate assumes that the decontamination would effectively reduce mercury to acceptable levels within the building.

The estimates for the replacement of the “finishing materials” and HVAC system were based on the current layout of the building interior. Should post-decontamination air and wipe sampling identify mercury above acceptable levels, additional decontamination (or demolition) would be required. Costs are also included for the cleaning of the existing septic tank, removal of the abandoned leach field, and the replacement of the new leach field. The soil from both the abandoned and new leach fields would be disposed of off-site and replaced with clean fill, as appropriate. Other assumptions and costs associated with the decontamination option are detailed on Table 8b.

### 5.3.3 Comparison

As shown on Tables 8a and 8b, the cost estimates for the two remedial options are each approximately $550,000 ($549,450 for demolition and $553,500 for decontamination). The 20%
contingency for each option is approximately $80,000, well above the difference in estimated costs between the two options ($4,050). Therefore, there is no significant cost difference between demolition and decontamination for reoccupancy.

The only way that the existing building could again be occupied would be to remove all sources of mercury vapor. However, as found during the building interior assessment, it appears that all building materials (including the concrete foundation, and exterior structure-supporting brick and cinder block walls) are mercury-contaminated. Demolition of the existing structure and removal of the septic system would effectively remove all potential sources of contamination from the Site, and allow for future improvements as desired. Ideally, the decontamination for reoccupancy option would also completely remove all sources of mercury vapor from the building. However, based on conversations with contractors experienced with mercury-contaminated sites, it would be very difficult to completely eliminate the mercury from all pores of building materials and facets of the building. Post-decontamination air and wipe sampling could potentially reveal the continued presence of mercury vapor in the building interior, even following repeated iterations of the decontamination procedure. In addition, the decontamination option would not address any potential sources of mercury contamination immediately outside or beneath the building foundation. However, the demolition option would include post-demolition soil samples in the footprint of the building to verify the proper removal of all contamination. If additional mercury sources were found in the subsurface of the building footprint, the contaminated soil would be delineated, excavated, and properly disposed of off-site.
6.0 REFERENCES


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- Sample depth is reported in feet below ground surface (ft bgs).
- TPHC = Total Petroleum Hydrocarbon
- TCL VOC+10 = Target Compound List Volatile Organic Compounds +10 (search for 10 non-target tentatively identified compounds (TICs)
### TABLE 1
NJDEP - Former Accutherm, Inc. Site
Franklin Township, New Jersey

#### Soil Sample Summary Table

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**Notes:**
- Sample depth is reported in feet below ground surface (ft bgs).
- TPHC = Total Petroleum Hydrocarbon
- TCL VOC+10 = Target Compound List Volatile Organic Compounds +10 (search for 10 non-target tentatively identified compounds (TICs)
# TABLE 1
NJDEP - Former Accutherm, Inc. Site  
Franklin Township, New Jersey  
Soil Sample Summary Table

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**Materials:**

- VOCs@: Volatile Organic Compounds

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</table>

Notes:

- All results in mg/kg
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### Table 2a

#### NJDEP - Former Accutherm, Inc. Site
Franklin Township, New Jersey
Soil Analytical Results - Exploratory Excavations

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<th>IGWSCC</th>
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<td>Xylene (Total)</td>
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#### Notes:
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- NA = Not Analyzed
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### TABLE 2a

**NJDEP - Former Accutherm, Inc. Site**

**Franklin Township, New Jersey**

**Soil Analytical Results - Exploratory Excavations**

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Notes:
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# Table 2b

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<td>- Bold values indicate positive detections</td>
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</table>

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Franklin Township, New Jersey
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</tbody>
</table>

### Notes:
- **All results in mg/kg**
- **NRDCSCC = New Jersey Non-Residential Direct Contact Soil Cleanup Criteria (May, 1999)**
- **RDCSCC = New Jersey Residential Direct Contact Soil Cleanup Criteria (October, 1999)**
- **NWQC/C = New Jersey Impacts to Ground Water Soil Cleanup Criteria (May, 1999)**
- **NA = Not Analyzed**
- **NC = Not Criteria**
- **J = Estimated value**
- **U = Compound not detected above the Sample Quantitation Limit, value shown is the Sample Quantitation Limit**
- **Bold values indicate positive detections**
- *Samples collected at HA11 and HA14 locations (refer to Figure) were mislabeled HA13 and HA12 on Chain of Custody*
**TABLE 2d**

*NJDEP - Former Accutherm, Inc. Site*

*Franklin Township, New Jersey*

**Soil Analytical Results - NJDEP Surface Soil Samples**

<table>
<thead>
<tr>
<th>Location ID</th>
<th>S1</th>
<th>S2</th>
<th>S3</th>
<th>S4</th>
<th>S5</th>
<th>S6</th>
<th>S7</th>
<th>S8</th>
<th>S9</th>
<th>S10</th>
<th>S11</th>
<th>S12</th>
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</thead>
<tbody>
<tr>
<td>Sample ID</td>
<td>S1</td>
<td>S2</td>
<td>S3</td>
<td>S4</td>
<td>S5</td>
<td>S6</td>
<td>S7</td>
<td>S8</td>
<td>S9</td>
<td>S10</td>
<td>S11</td>
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<td>Lab ID</td>
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<td>697612</td>
<td>697613</td>
<td>697614</td>
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<td>697621</td>
<td>697622</td>
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</table>

<table>
<thead>
<tr>
<th>Analyte</th>
<th>NRDCSCC</th>
<th>RDCSCC</th>
<th>IGWSCC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercury</td>
<td>270</td>
<td>14</td>
<td>NC</td>
</tr>
</tbody>
</table>

**Notes:**
- All results in mg/kg
- NRDCSCC = New Jersey Non-Residential Direct Contact Soil Cleanup Criteria (May, 1999)
- RDCSCC = New Jersey Residential Direct Contact Soil Cleanup Criteria (May, 1999)
- IGWSCC = New Jersey Impact to Ground Water Soil Cleanup Criteria
- NC = No Criteria
- Bold values indicate positive detections
Table 3  
NJDEP - Former Accutherm, Inc. Site  
Franklin Township, New Jersey  
Groundwater Elevations

<table>
<thead>
<tr>
<th>Well ID</th>
<th>Ground Elevation(1)</th>
<th>Total Depth(2)</th>
<th>TOC Elevation(3)</th>
<th>Well Screen Interval(2)</th>
<th>Well Screen Interval Elevation</th>
<th>Depth to Water(4) 6/18/07</th>
<th>Groundwater Elevation 6/18/07</th>
<th>Depth to Water(4) 7/31/07</th>
<th>Groundwater Elevation 7/31/07</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW-1</td>
<td>112.13</td>
<td>28.0</td>
<td>111.83</td>
<td>18.0 - 28.0</td>
<td>94.13 - 84.13</td>
<td>21.80</td>
<td>90.03</td>
<td>23.30</td>
<td>88.53</td>
</tr>
<tr>
<td>MW-2</td>
<td>112.87</td>
<td>28.0</td>
<td>112.59</td>
<td>18.0 - 28.0</td>
<td>94.87 - 84.87</td>
<td>22.56</td>
<td>90.03</td>
<td>24.02</td>
<td>88.57</td>
</tr>
<tr>
<td>MW-3</td>
<td>110.80</td>
<td>28.0</td>
<td>112.31</td>
<td>18.0 - 28.0</td>
<td>92.80 - 82.80</td>
<td>22.54</td>
<td>89.77</td>
<td>23.95</td>
<td>88.36</td>
</tr>
<tr>
<td>MW-4</td>
<td>112.32</td>
<td>28.0</td>
<td>114.02</td>
<td>18.0 - 28.0</td>
<td>94.32 - 84.32</td>
<td>23.97</td>
<td>90.05</td>
<td>25.41</td>
<td>88.61</td>
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<tr>
<td>MW-5</td>
<td>111.86</td>
<td>28.0</td>
<td>113.63</td>
<td>18.0 - 28.0</td>
<td>93.86 - 83.86</td>
<td>23.73</td>
<td>89.90</td>
<td>25.10</td>
<td>88.53</td>
</tr>
</tbody>
</table>

Notes:  
(1) All Elevations are measured with respect to mean sea level.  
(2) Total well depth and well screen interval measured in feet below ground surface.  
(3) TOC = Top-of-PVC casing.  
(4) Depth to water measured from top of PVC casing.  
(5) Top-of-PVC casing elevation minus depth to water = Groundwater Elevation.
# TABLE 4

**NJDEP - Former Accutherm, Inc. Site**  
*Franklin Township, New Jersey*

**Groundwater Sample Summary Table**

<table>
<thead>
<tr>
<th>Location ID</th>
<th>Sample ID</th>
<th>Lab ID</th>
<th>Analytical Parameters</th>
<th>Sampling Method</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW-1</td>
<td>MW01</td>
<td>AC31189-001</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>6/18/2007</td>
</tr>
<tr>
<td>MW-3</td>
<td>MW03</td>
<td>AC31189-003</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>6/18/2007</td>
</tr>
<tr>
<td>MW-4</td>
<td>MW04</td>
<td>AC31189-004</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>6/19/2007</td>
</tr>
<tr>
<td>MW-5</td>
<td>MW05</td>
<td>AC31189-005</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>6/19/2007</td>
</tr>
<tr>
<td>MW-1</td>
<td>MW01</td>
<td>AC32078-003</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
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<tr>
<td>MW-2</td>
<td>MW02</td>
<td>AC32078-001</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
</tr>
<tr>
<td>MW-3</td>
<td>MW03</td>
<td>AC32078-004</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
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<tr>
<td></td>
<td>DUP01</td>
<td>AC32078-006</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
</tr>
<tr>
<td>MW-4</td>
<td>MW04</td>
<td>AC32078-005</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
</tr>
<tr>
<td>MW-5</td>
<td>MW05</td>
<td>AC32078-002</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
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</table>

### Round 2 - July 31, 2007

<table>
<thead>
<tr>
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<th>Sampling Method</th>
<th>Date</th>
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<tbody>
<tr>
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<td>AC32078-003</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
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<td>TCL VOC+10, PP Metals</td>
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<td>7/31/2007</td>
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<tr>
<td>MW-3</td>
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<td>Bladder Pump</td>
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<td>DUP01</td>
<td>AC32078-006</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
</tr>
<tr>
<td>MW-4</td>
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<td>AC32078-005</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
</tr>
<tr>
<td>MW-5</td>
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<td>AC32078-002</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
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</table>

### QA/QC Samples

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<th>Sampling Method</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>FIELD BLANK</td>
<td>FB02</td>
<td>AC31189-007</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>6/18/2007</td>
</tr>
<tr>
<td>FIELD BLANK</td>
<td>FB03</td>
<td>AC31189-008</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>6/19/2007</td>
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<tr>
<td>FIELD BLANK</td>
<td>FB01</td>
<td>AC32078-007</td>
<td>TCL VOC+10, PP Metals</td>
<td>Bladder Pump</td>
<td>7/31/2007</td>
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<tr>
<td>TRIP BLANK</td>
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<td>AC32078-008</td>
<td>TCL VOC+10</td>
<td>NA</td>
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</table>

**Notes:**
- TCL VOC+10 = Target Compound List Volatile Organic Compounds +10 (search for 10 non-target tentatively)
- PP Metals = Priority Pollutant Metals
Table 5a

NJDEP - Former Accutherm, Inc. Site
Franklin Township, New Jersey
Groundwater Analytical Results - June 2007

<table>
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<tr>
<th>Sample Date</th>
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<th>MW-2</th>
<th>MW-3</th>
<th>MW-4</th>
<th>MW-5</th>
<th>Field Blanks</th>
<th>Trip Blank</th>
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<tbody>
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<table>
<thead>
<tr>
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<th>Metals</th>
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<tr>
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</tr>
<tr>
<td></td>
<td>6</td>
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<tr>
<td></td>
<td>12 U</td>
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<td>50 U</td>
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</tbody>
</table>

**Notes:**
- All results are recorded in µg/L.
- GWQS = New Jersey Ground Water Quality Standards (Nov 2005)
- NC = No Criteria
- J = Estimated concentration
- U = Compound not detected above the Sample Quantitation Limit; value shown is the Sample Quantitation Limit
- NA = Not Analyzed
- Bold Value indicate positive detections
- Bolded and Shaded Results indicate exceedences of GWQS
Table 5b
NJDEP - Former Acutherm, Inc. Site
Franklin Township, New Jersey
Groundwater Analytical Results - July 2007

### Metals

<table>
<thead>
<tr>
<th>Analyte</th>
<th>GWQ</th>
<th>Lab Sample ID</th>
<th>Field Sample ID</th>
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</thead>
<tbody>
<tr>
<td>Copper</td>
<td>1300</td>
<td>7/21/2007</td>
<td>7/21/2007</td>
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<tr>
<td>Nickel</td>
<td>100</td>
<td>7/21/2007</td>
<td>7/21/2007</td>
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</table>

### Volatile Organic Compounds

<table>
<thead>
<tr>
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<th>GWQ</th>
<th>Lab Sample ID</th>
<th>Field Sample ID</th>
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</thead>
<tbody>
<tr>
<td>1,1,2-Trichloroethane</td>
<td>30</td>
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<tr>
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<td>1,1-Dichloroethane</td>
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<td>1,3-Dichlorobenzene</td>
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<tr>
<td>cis-1,3-Dichloropropene</td>
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<tr>
<td>Dibromochloromethane</td>
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<td>P-xylene</td>
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<td>7/21/2007</td>
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<tr>
<td>trans-1,2-Dichloroethylene</td>
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<tr>
<td>trans-1,3-Dichloropropene</td>
<td>NC</td>
<td>7/21/2007</td>
<td>7/21/2007</td>
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<tr>
<td>Xylene (Total)</td>
<td>1000</td>
<td>7/21/2007</td>
<td>7/21/2007</td>
</tr>
</tbody>
</table>

Notes:
- All results are recorded in µg/L
- GWQS = New Jersey Ground Water Quality Standards (Nov 2005)
- NC = No Criteria
- J = Estimated concentration
- U = Compound not detected above the Sample Quantitation Limit; value shown is the Sample Quantitation Limit
- NA = Not Analyzed
- Bold Value indicate positive detections
- Bold and Shaded Results indicate exceedences of GWQS
### NJDEP - Former Accutherm, Inc. Site
### Franklin Township, New Jersey
### Septic Tank and Brick Well Sample Summary Table

<table>
<thead>
<tr>
<th>Location ID</th>
<th>Sample ID</th>
<th>Media</th>
<th>Lab ID</th>
<th>Analytical Parameters</th>
<th>Sampling Method</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS01</td>
<td>SS01</td>
<td>Septic (Solid)</td>
<td>AC30452-005</td>
<td>TCL VOC+10, TCL BN+15, TPHC, Mercury, Lead</td>
<td>Grab Sample</td>
<td>5/15/07</td>
</tr>
<tr>
<td>SL01</td>
<td>SL01</td>
<td>Septic (Liquid)</td>
<td>AC03452-006</td>
<td>TCL VOC+10, TCL BN+15, TPHC, Mercury, Lead</td>
<td>Teflon Bailer</td>
<td>5/15/07</td>
</tr>
<tr>
<td>BW-1</td>
<td>BW-1</td>
<td>Brick Well (Solid)</td>
<td>AC31189-011</td>
<td>TCL VOC+10, TCL BN+15, TPHC, Mercury, Lead</td>
<td>Teflon Bailer</td>
<td>6/19/07</td>
</tr>
</tbody>
</table>

#### QA/QC SAMPLES

<table>
<thead>
<tr>
<th>Field Blank</th>
<th>FK01</th>
<th>Water</th>
<th>AC30452-007</th>
<th>TCL VOC+10, TCL BN+15, TPHC, Mercury, Lead</th>
<th>Teflon Bailer</th>
<th>5/15/07</th>
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<tbody>
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<td>Water</td>
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**Notes:**
- TPHC = Total Petroleum Hydrocarbons
- TCL VOC+10 = Target Compound List Volatile Organic Compounds +10 (search for 10 non-target tentatively identified compounds)
- TCL BN+15 = Target Compound List Base/Neutral Compounds +15 (search for 15 non-target tentatively identified compounds)
## TABLE 7a

**NJDEP - Former Accutherm, Inc. Site**

**Franklin Township, New Jersey**

### Septic Tank and Brick Well Analytical Results (Solid)

<table>
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<tr>
<th>Location ID</th>
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<th>BW-1</th>
<th>Trip Blank</th>
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</tr>
<tr>
<td>Lab Sample ID</td>
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<td>AC3189-031</td>
<td>AC3452-008</td>
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#### Analyte

<table>
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<th>Metals</th>
<th>NRDCSCC</th>
<th>RDCSCC</th>
<th>IGWSCC</th>
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<td>NC</td>
</tr>
<tr>
<td>Mercury</td>
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#### Total Petroleum Hydrocarbons

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<th>Trip Blank</th>
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<tr>
<td>Sample ID</td>
<td></td>
<td></td>
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<tr>
<td>Lab Sample ID</td>
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<td>AC3189-031</td>
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#### Volatile Organic Compounds

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</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>600</td>
<td>400</td>
<td>NC</td>
<td>28</td>
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<tr>
<td>Mercury</td>
<td>270</td>
<td>14</td>
<td>NC</td>
<td>11</td>
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</tbody>
</table>

#### Notes:
- All results in mg/kg
- NRDCSCC = New Jersey Non-Residential Direct Contact Soil Cleanup Criteria (May, 1999)
- RDCSCC = New Jersey Residential Direct Contact Soil Cleanup Criteria (May, 1999)
- IGWSCC = New Jersey Impact to Ground Water Soil Cleanup Criteria (May, 1999)
- NA = Not Analyzed
- NC = No Criteria
- J = Estimated value
- U = Compound not detected above the Sample Quantitation Limit, value shown is the Sample Quantitation Limit
- Bold values indicate positive detections

<table>
<thead>
<tr>
<th>Location ID</th>
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<th>Trip Blank</th>
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<tbody>
<tr>
<td>Sample ID</td>
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<td>Lab Sample ID</td>
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## TABLE 7a

**NJDEP - Former Accutherm, Inc. Site**  
**Franklin Township, New Jersey**  
**Septic Tank and Brick Well Analytical Results (Solid)**

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<td>Trip Blank</td>
<td>5/15/2007</td>
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<th>RDSCCC</th>
<th>IGWSCC</th>
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<td>Acenaphthylene</td>
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<tr>
<td>Anthracene</td>
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<td>10000</td>
<td>100</td>
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<tr>
<td>Benzo(a)anthracene</td>
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<td>0.9</td>
<td>500</td>
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<tr>
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<td>100</td>
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<td>NC</td>
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<td>NC</td>
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**Notes:**
- All results in mg/kg
- NRDCSCC = New Jersey Non-Residential Direct Contact Soil Cleanup Criteria (May, 1999)
- RDSCCC = New Jersey Residential Direct Contact Soil Cleanup Criteria (May, 1999)
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- NC = No Criteria
- J = Estimated value
- U = Compound not detected above the Sample Quantitation Limit, value shown is the Sample Quantitation Limit
- Bold values indicate positive detections
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<td><strong>3N-Nitroaniline</strong></td>
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</tbody>
</table>

**Notes:**
- All results in µg/L
- GWQS = New Jersey Ground Water Quality Standards (Nov. 2005)
- NC = No Criteria
- J = Estimated Concentration
- U = Not detected above the Sample Quantitation Limit; value shown is the Sample Quantitation Limit
- NA = Not Analyzed
- Bold values indicate positive detections.
- Bold and Shaded values indicate concentrations above GWQS
### Septic Tank Analytical Results (Liquid)

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</tr>
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<tr>
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<td>AC30452-007</td>
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<tr>
<td>AC30452-009</td>
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|---------------|-------------|-----------|-----------|-----------|

**Semi-Volatile Organic Compounds**

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<th>Lab Sample ID</th>
<th>Sample Date</th>
<th>Result</th>
<th>Unit</th>
<th>Description</th>
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<td>10 U</td>
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<td>5/15/2007</td>
<td>10 U</td>
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<td>Benzo(g,h,i)perylene</td>
<td>NC</td>
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<td>Benzo(k)fluoranthene</td>
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<td>SL01 FB01</td>
<td>5/15/2007</td>
<td>10 U</td>
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<td>Benzo[2,3]Chloroethylene</td>
<td>20</td>
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<td>5/15/2007</td>
<td>10 U</td>
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<tr>
<td>Carbazole</td>
<td>NC</td>
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<td>5/15/2007</td>
<td>10 U</td>
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<tr>
<td>Chrysene</td>
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<td>Dibenz[a]anthracene</td>
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<tr>
<td>Dibenzylphthalate</td>
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<td>Di-n-butylphthalate</td>
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<td>Di-n-octylphthalate</td>
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<td>5/15/2007</td>
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<td>NA</td>
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<tr>
<td>Fluoranthene</td>
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<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
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<td>5/15/2007</td>
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<td>Hexachlorobenzene</td>
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<td>10 U</td>
<td>NA</td>
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<td>1</td>
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<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
<td>NA</td>
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<td>40</td>
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<td>5/15/2007</td>
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<td>NA</td>
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<td>Hexachloroethane</td>
<td>7</td>
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<td>NA</td>
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<tr>
<td>Indeno[1,2,3-cd]Pyrene</td>
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<td>10 U</td>
<td>NA</td>
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<td>5/15/2007</td>
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<td>NA</td>
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<td>Methammine, a-Methyl-n-Nitroso</td>
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<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
<td>NA</td>
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<td>Naphthalene</td>
<td>300</td>
<td>AC30452-009</td>
<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
<td>NA</td>
</tr>
<tr>
<td>Nitrobenzene</td>
<td>6</td>
<td>AC30452-006</td>
<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
<td>NA</td>
</tr>
<tr>
<td>N,N-Di-n-propylamine</td>
<td>10</td>
<td>AC30452-007</td>
<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
<td>NA</td>
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<tr>
<td>N,N-Di-n-propylamine</td>
<td>10</td>
<td>AC30452-009</td>
<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
<td>NA</td>
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<td>Phenanthrene</td>
<td>NC</td>
<td>AC30452-006</td>
<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
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<td>Pyrene</td>
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<td>AC30452-007</td>
<td>5/15/2007</td>
<td>10 U</td>
<td>10 U</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Notes:**
- All results in µg/L
- GWQS = New Jersey Ground Water Quality Standards (Nov. 2005)
- NC = No Criteria
- J = Estimated Concentration
- U = Not detected above the Sample Quantitation Limit; value shown is the Sample Quantitation Limit
- NA = Not Analyzed
- Bold values indicate positive detections.
- Bold and Shaded values indicate concentrations above GWQS

Notes:
- All results in µg/L
- GWQS = New Jersey Ground Water Quality Standards (Nov. 2005)
- NC = No Criteria
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- U = Not detected above the Sample Quantitation Limit; value shown is the Sample Quantitation Limit
- NA = Not Analyzed
- Bold values indicate positive detections.
- Bold and Shaded values indicate concentrations above GWQS
<table>
<thead>
<tr>
<th>Activity</th>
<th>Quantity</th>
<th>Units</th>
<th>Unit Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor for Demolition, Loading, and Site Restoration ¹</td>
<td>12</td>
<td>Days</td>
<td>$5,000</td>
<td>$60,000</td>
</tr>
<tr>
<td>Equipment for Demolition, Loading, and Site Restoration ²</td>
<td>1</td>
<td>Lump Sum</td>
<td>$20,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>Transportation and Disposal of Demolition Debris to a Licensed Facility ³</td>
<td>550</td>
<td>Tons</td>
<td>$400</td>
<td>$220,000</td>
</tr>
<tr>
<td>Clean Fill to Backfill Former Building Foundation</td>
<td>600</td>
<td>Tons</td>
<td>$20</td>
<td>$12,000</td>
</tr>
<tr>
<td>Cleaning of Septic Tank (contents mercury-contaminated) ¹</td>
<td>1</td>
<td>Lump Sum</td>
<td>$5,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Septic System Removal ⁴</td>
<td>2</td>
<td>Days</td>
<td>$5,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>Transportation and Disposal of Leach Field Soil ⁵</td>
<td>150</td>
<td>Tons</td>
<td>$400</td>
<td>$60,000</td>
</tr>
<tr>
<td>Clean Fill to Backfill Former Leach Fields</td>
<td>150</td>
<td>Tons</td>
<td>$20</td>
<td>$3,000</td>
</tr>
<tr>
<td>Post-Demolition Sampling of Soil Beneath Building Foundation ⁶</td>
<td>1</td>
<td>Lump Sum</td>
<td>$2,000</td>
<td>$2,000</td>
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<tr>
<td>Air Monitoring, H&amp;S Oversight, HASP ⁷</td>
<td>1</td>
<td>Lump Sum</td>
<td>$15,000</td>
<td>$15,000</td>
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</tbody>
</table>

Subtotal $407,000

Engineering Design @10% $40,700
Client Contract Administration @ 5% $20,350
Contingency @ 20% $81,400
TOTAL $549,450

Notes:
1 - Labor costs include five laborers, one operator, and one supervisor per day, with Level C PPE as required. Assumes 10 days for demolition and loading, and 2 days for site restoration. An average of approximately 40 cubic yards (55 tons) of demolition debris could be loaded and transported per day.

2 - Equipment costs include an excavator and a front end loader, each on-site for 12 days.

3 - Approximate disposal unit cost based on estimate provided by environmental contractor. Includes disposal of 370 cubic yards (550 tons) at a licensed facility of all building materials, which are assumed to be mercury-contaminated, but at less than 260 mg/kg (retort threshold).

4 - Septic system removal includes removal of concrete septic tank and all piping (including disposal field piping). Assumes two days of labor, and that the materials will be disposed of with the building demolition debris (included in transportation and disposal line items).

5 - Leach field soil is associated with both the abandoned and new leach fields. The soil is assumed to be classified as hazardous for mercury (above 0.2 mg/l, which is the USEPA Maximum Contaminant Concentration for mercury by Toxicity Characteristic Leaching Procedure [TCLP] methods).

6 - Includes labor and analytical costs to collect approximately 10 soil samples from the building footprint for mercury analysis, with expedited turnaround time.

7 - Air monitoring includes real-time dust and mercury vapor monitoring via field instruments, with oversight of an air monitoring technician.
### TABLE 8b

**NJDEP - Former Accutherm, Inc. Site**  
**Franklin Township, New Jersey**  

**Decontamination for Reoccupancy Option Cost Estimate**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Quantity</th>
<th>Units</th>
<th>Unit Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor to remove &quot;finishing materials,&quot; including drywall, insulation, carpeting, HVAC, etc.</td>
<td>5</td>
<td>Days</td>
<td>$4,000</td>
<td>$20,000</td>
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<tr>
<td>Transportation and Disposal of Demolition Debris (&quot;finishing materials&quot;) to a Licensed Facility</td>
<td>100</td>
<td>Tons</td>
<td>$400</td>
<td>$40,000</td>
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<tr>
<td>Decontamination (includes application of HgX, cleaning, and disposal of decon solutions)</td>
<td>1</td>
<td>Lump Sum</td>
<td>$100,000</td>
<td>$100,000</td>
</tr>
<tr>
<td>Cleaning of Septic Tank (contents mercury-contaminated)</td>
<td>1</td>
<td>Lump Sum</td>
<td>$5,000</td>
<td>$5,000</td>
</tr>
<tr>
<td>Replacement of Septic Disposal Field (septic tank and main delivery lateral to remain)</td>
<td>3</td>
<td>Lump Sum</td>
<td>$10,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>Transportation and Disposal of Leach Field Soil</td>
<td>150</td>
<td>Tons</td>
<td>$400</td>
<td>$60,000</td>
</tr>
<tr>
<td>Clean Fill for Backfilling Abandoned Disposal Field and Constructing Replacement Septic Disposal Field</td>
<td>150</td>
<td>Tons</td>
<td>$20</td>
<td>$3,000</td>
</tr>
<tr>
<td>Labor and Materials to Replace &quot;Finishing Materials&quot;</td>
<td>1</td>
<td>Lump Sum</td>
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<tr>
<td>Labor and Materials to Replace HVAC system.</td>
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<td>Lump Sum</td>
<td>$50,000</td>
<td>$50,000</td>
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<tr>
<td>Confirmation Air and Wipe Sampling and Analysis.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$7,000</td>
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<tr>
<td>Air Monitoring, H&amp;S Oversight, HASP</td>
<td>1</td>
<td>Lump Sum</td>
<td>$15,000</td>
<td>$15,000</td>
</tr>
</tbody>
</table>

| Subtotal                                                                 | $410,000 |
| Engineering Design @10%                                                   | $41,000  |
| Client Contract Administration @ 5%                                       | $20,500  |
| Contingency @ 20%                                                         | $82,000  |

**TOTAL** $553,500

**Notes:**

1 - Labor costs include five laborers and one supervisor in Level C PPE.

2 - The mercury decontamination solution, HgX, would be applied using low-volume sprayers, brushes, or mops, with care to minimize spillage and pooling. After allowing the HgX to work overnight, the residue would then be wiped from all building surfaces to the extent possible, and all cleaning solutions would be drummed for off-site disposal.

3 - Lump sum cost for replacement of septic disposal field includes labor, equipment (backhoe), and materials for septic system components (PVC, etc.).

4 - Leach field soil is associated with both the abandoned and new leach fields. The soil is assumed to be classified as hazardous for mercury (above 0.2 mg/kg, which is the USEPA Maximum Contaminant Concentration for Mercury by Toxicity Characteristic Leaching Procedure [TCLP] methods).

5 - Estimated costs for the replacement of building materials and HVAC system based on RSMeans Building Construction Cost Data for 2007. Includes ceilings, drywall, flooring, painting, carpeting, and renovated plumbing and electricity, and assumes successful decontamination (i.e., only Level D PPE is required).

6 - Air monitoring includes real-time dust and mercury vapor monitoring via field instruments, with oversight of an air monitoring technician.
FIGURES
FORMER ACCUTHERM, INC. SITE, FRANKLIN TWP., NEW JERSEY

SAMPLE LOCATION MAP

NJDEP CONTRACT No. A-60243

The Louis Berger Group, Inc.
412 Mt. Kemble Ave.
Morristown, NJ 07960

Legend

- Site Boundary
- Property Boundary
- Septic System
- Building
- Exploratory Excavations
- Direct Push Soil Boring
- Surface Soil Sample
- NJDEP Surface Soil Sample
- Test Pit Soil Sample
- Potable Well (Approximate) and Pipe
- Monitoring Well
- Brick Well

1 inch equals 30 feet
GWQS = NJDEP Groundwater Quality Standard

Bolded values indicate positive detections
Shaded values indicate an exceedance of the GWQS

U = analyte not detected above the shown sample quantitation limit
J = estimated value

All units presented in ug/l (ppb)

---

**Sample ID**

<table>
<thead>
<tr>
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<th>MW02</th>
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<td>7/31/2007</td>
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<tr>
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<td>GWQS</td>
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<td>Arsenic</td>
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<td>18</td>
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<td>Chromium</td>
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**Sample ID**

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<td>Methylene Chloride</td>
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**Sample ID**

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<td>GWQS</td>
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<tr>
<td>Mercury</td>
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<td>1.4</td>
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</table>

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**Legend**

- Site Boundary
- Property Boundary
- Septic System
- Building
- Potable Well (Approximate) and Pipe
- Monitoring Well
- Brick Well

1 inch equals 30 feet
Working Document – Timeline
August 8, 2006
Accutherm, Inc.
Franklin Township, Gloucester County

A June 8, 1984 – Accutherm purchased the site at 1600 Delsea Drive. The site was formerly used for manufacturing thermometers and related instruments.

B November 30, 1987 – Gloucester County Health Department notified Accutherm of an elevated level of tetrachloroethylene in the drinking water.

C December 28, 1987 – Gloucester County Health Department requested assistance from OSHA in regard to mercury levels found in blood samples of the employees at the site.

D April 13, 1988 – NJDEP issued order to Accutherm to cease the discharge of all industrial pollutants to its septic system.

E June 20, 1988 – NJDEP directed Accutherm to obtain classification of the contents of the septic tank. Previous soil and aqueous sample results revealed that mercury and petroleum hydrocarbons had been discharged to septic system.

F April 24, 1990 – OSHA notified the Mayor of Franklin Township by letter and spoke with the Franklin Township building inspector of the mercury hazards at the subject site.

G January 1, 1994 Accutherm ceased operation. The cessation of operations was an ISRA triggering event; however Accutherm failed to comply with the ISRA requirements.

H May 18, 1994 – Navillus Group, L.L.C. acquired Franklin Township tax sale certificate 94-146 for the site.

I September 21, 1994, an environmental investigation was initiated by Midlantic National Bank which held the mortgage on the property. The consultant representing the bank reported observing free phase mercury inside the building. Mercury vapors were also detected at concentrations that exceeded OSHA and NIOSH standards for industrial facilities. The concentration of mercury vapor was reported to be three times the OSHA and NIOSH TWA levels.

J September 28, 1994 – The attorney representing Midlantic National Bank provided Walter Roth, the attorney representing Accutherm, with a copy of the environmental investigation conducted at the subject site. Midlantic’s attorney also advised Accutherm to notify the Gloucester County Health Department and to “immediately” post warning signs on the site.

K September 29, 1994 – Attorneys for Accutherm notified Gloucester County Health Department of the findings of the September 21, 1994 environmental investigation of the site performed by Midlantic. A copy of the report was included.
Working Document – Timeline
August 8, 2006
Accutherm, Inc.
Franklin Township, Gloucester County

October 13, 1994 – Gloucester County Health Department provided the NJDEP with information concerning the site.

December 29, 1994 – William Wright, the attorney representing Midlantic National Bank, requested that Accutherm place the warning signs it had procured for the site.

April 7 1995 - the NJDEP/Division of Responsible Party Site Remediation issued a Directive to Accutherm, which required remediation of all discharges at the site. Accutherm did not comply with the conditions of the Directive.

May 3, 1995 – Accutherm notified NJDEP that they had filed Chapter 11 since March 1994.

July 27, 1995 – William Wright, attorney representing Midlantic National Bank, advised Gloucester County Health Department that no signs had been posted indicating the potential hazards of the site.

August 1, 1995 – Gloucester County Health Department sent a letter to Accutherm’s attorney strongly suggesting that they post the area with statement of hazard and protection recommendations. NJDEP, Franklin Township Board of Health, Franklin Township Office of Emergency Management was copied on this correspondence.

August 16 1995 - NJDEP personnel conducted an inspection of the exterior of the property to determine whether the site was secure from unauthorized access. Observations made at that time revealed that access to the site proper was unrestricted, but the building was locked.

August 29, 1995 – EPA Region II USEPA was requested by NJDEP to perform an assessment of the property.

January 16, 1996 - The EPA, Response and Prevention Branch concluded that “based on air monitoring, soil sample analysis, wipe sample analysis and the condition and security of the building and surrounding property, the site does not present an immediate threat to human health or the environment.” However, the report states that “several small droplets of Hg were located on the floor of an area believed to be one of the production rooms.” A vial of Hg, thermometers, and other unknown liquids were also observed.

June 10, 1996 – NJDEP Memorandum to the File stating that EPA determined that the site was not eligible for a removal action; however, due to documented contamination present, the site require further investigation and remediation.

June 13, 1997 – Navillus Group, L.L.C. acquired Franklin Township tax sale certificate 97-0115 for the site.
Working Document – Timeline
August 8, 2006
Accutherm, Inc.
Franklin Township, Gloucester County

Franklin Township Construction Department received notification of the transfer of the property from Accutherm, Inc. to Navillus Group, L.L.C. dated July 5, 2001; however, the date on the Construction Department’s stamp is not visible.

July 23, 2001 – Jim Sullivan, Inc. c/o Navillus received a building permit to remove and replace plywood, shingles, siding and electric mast and service from Franklin Township.

January 29, 2002 – Jim Sullivan received a plumbing permit update to reinstall gas service from Franklin Township.

June 12, 2002 – Jim Sullivan, Inc. submitted an application the Gloucester County Health Department for an alteration to an individual subsurface sewage disposal system at the site.

August 12, 2002 – Jim Sullivan, Inc. purchased the site from the Navillus Group, a general partnership.

September 23, 2003 – Franklin Township Construction Official contacted NJDEP stating that owner was looking to convert the site to a daycare center. NJDEP advised the Construction Official that a No Further Action approval had NOT been issued by the NJDEP. NJDEP informed the Construction Official that it was not recommended to convert the site at that time.

October 1, 2003 – The NJDEP received an OPRA request from Target Environmental Co., Inc. on behalf on an unnamed realtor to review information on Accutherm Incorporated, 1600 South Delsea Drive, Franklin Township, Gloucester County.

December 8, 2003 – Franklin Township approved a zoning change for the site to be used as child daycare center.

January 15, 2004 – Franklin Township performed temporary Certificate of Occupancy inspection.

January 15, 2004 – Jim Sullivan, Inc. received a building permit for interior renovations from Franklin Township.

January 27, 2004 – Franklin Township performed a final Certificate of Occupancy inspection.

February 11, 2004 – Franklin Township approved a certificate of occupancy for Kiddie Kollege, changing the site use to a day care center for 45 children and five employees.

April 11, 2006 - Staff from the NJDEP conducted off-site reconnaissance to determine site conditions; observations made during the inspection revealed the property was currently being used for a child care facility.
Working Document – Timeline
August 8, 2006
Accutherm, Inc.
Franklin Township, Gloucester County

April 17, 2006 – Franklin Township approved a change in tenant and/or occupancy for the site.

April 25, 2006 - NJDEP personnel contacted the property owner, Jim Sullivan of Jim Sullivan, Inc., to determine what measures, if any, had been undertaken to address documented site contamination; the property owner claimed that he had a report from the State that indicated there were no problems at the site.

April 26, 2006 - NJDEP personnel met with the property owner to review the aforementioned state report. It was determined that the referenced report was actually the USEPA removal assessment report which indicated the site was not eligible for removal action; however as noted above, environmental concerns still exist on-site. During a recent file review (date unknown), RPIU was also advised that the property still uses an on-site potable well. It should also be noted that recent (but undated) results from the on-site potable well indicate exceedances for lead and alpha radionuclides. At the request of the NJDEP, the property owner agreed to collect raw and treated samples from the on-site potable well; initiate an indoor mercury study; and conduct a preliminary assessment/site investigation for the entire site.

May 4, 2006 - NJDEP issued a letter to Jim Sullivan, Inc. memorializing the discussion of April 26, 2006 via certified mail. Specifically, RPIU requested Jim Sullivan Inc. to collect and analyze a potable well sample and evaluate the building interior for the presence of elemental mercury and mercury vapor. RPIU further requested that Jim Sullivan, Inc. perform a PA/SI and directed Jim Sullivan, Inc to prepare a written response in writing indicating their willingness to conduct the required investigations within 15 days.

May 25, 2006 – NJDEP received notification from Jim Sullivan III that he has hired Brinkerhoff to respond to NJDEP’s May 4, 2006 letter to Jim Sullivan, Inc:

May 31, 2006 - NJDEP received a copy of the proposal to perform a Preliminary Assessment from Brinkerhoff to Jim Sullivan via fax.

June 8, 2006 – samples collected from the well were analyzed for volatile organic compounds, mercury, lead and alpha radionuclides. The results revealed that raw water exceeds current drinking water standards for lead and gross alpha radionuclides; however the finished water is below the current standards. The raw water sample also exhibited tetrachloroethylene at 0.52 µg/l, which is below the current standard of 1 µg/l. This issue was referred to the Bureau of Safe Drinking Water.

June 12, 2006 - NJDEP received letter from Jim Sullivan, Inc. expressing willingness to cooperate in performing the investigations requested in RPIU letter dated May 4, 2006.
Working Document - Timeline
August 8, 2006
Accutherm, Inc.
Franklin Township, Gloucester County
June 20, 2006 - NJDEP contacted Jim Sullivan via telephone requesting the potable well and indoor mercury study results. NJDEP was informed that the potable well sampling was complete but indoor mercury study was not yet performed.

June 21, 2006 - NJDEP spoke with Jim Sullivan III who informed NJDEP officials that potable well sampling results were clean. NJDEP instructed Sullivan to contact consultant to schedule an indoor mercury study.

June 21, 2006 - NJDEP contacted property owner via certified mail instructing Jim Sullivan Inc., to submit a MOA application, potable well test data, and mercury indoor mercury study within 14 days. The letter further instructed Jim Sullivan, Inc. to complete studies and/or cleanup within 90 days.

July 28, 2006 - The NJDEP received preliminary results of the indoor mercury investigation. Four indoor air sample and four wipe samples were collected at various locations inside the building. Preliminary results revealed that mercury vapor concentrations in the areas occupied by the children, represented by two samples, were 7.0 and 8.4 micrograms per cubic meter (µg/m³). An additional sample collected in the kitchen revealed a mercury level of 11.4 µg/m³ and a sample collected in the basement detected mercury at 42.7 µg/m³. The regulatory air limits range from 0.2 to 0.31 µg/m³. It is important to note that children do not have access to the basement and employees have only infrequent access. The levels of mercury detected in the two wipe samples collected in the child occupied areas were non-detectable and 0.21 µg/wipe. In the kitchen and basement areas, not accessed by children, the levels were 0.25 and 7.4 µg/wipe sample. There are no regulatory limits to compare wipe sample results, but these values are relatively low. Based on these findings and consultation with NJDEP and NJDH&SS technical staff, it was determined that the building was not fit for occupancy at this time. The property owner, current tenant (daycare) and all appropriate local officials were advised on July 28, 2006 that the building should not be inhabited until further notice.

July 31, 2006 - Representatives from the NJDEP and DH&SS conducted an inspection of the facility in an attempt to identify potential sources of the indoor mercury. During the inspection, several areas that appeared to contain metallic mercury droplets were observed in the basement of the building. It appeared that mercury may also be present between the floor joists of the basement and the plywood flooring of the first floor. In addition, it was determined that drinking water for the entire area is obtained from private wells.

August 8, 2006 - The property owner's contractor has finalized a sampling plan and the site specific Health & Safety plan and is prepared to implement sampling August 9, 2006. That sampling will consist of wipe, bulk, and air sampling inside the building and potable well sampling of homes in the immediate vicinity of the daycare center. Phase Two sampling will consist of an investigation of the old on-site septic system, surrounding soils and groundwater at a date to be determined. This work will also be performed by
Working Document – Timeline
August 8, 2006
Accutherm, Inc.
Franklin Township, Gloucester County
the property owner’s contractor. DEP staff will be onsite to oversee the sampling; a DEP health & safety officer and a field technician.
Mr. Tim Dempsey  
The Louis Berger Group, Inc.  
30 Vreeland Road – Building A  
Florham Park, New Jersey  

Subject: Geophysical Investigation Results  
Former Accutherm Site  
Franklin Township, New Jersey  

Dear Mr. Dempsey:  

Advanced Geological Services (AGS) presents this letter report to The Louis Berger Group, Inc. (Berger) of Florham Park, New Jersey detailing the methods and results of a geophysical investigation conducted at the Former Accutherm Site in Franklin Township, New Jersey. The site address is 162 Station Avenue, which is located at the southwestern intersection with Delsea Drive. The site is approximately 0.41 acres in size and a one-story building is present near the center of the lot. At the time of our survey, a temporary chain-link fence was present that bordered the two roads.  

Introduction  

Accutherm, Inc. occupied the site between the early 1980’s and 1994 for the manufacturing of mercury thermometers and related instruments. The property was purchased by the current owner in 2002, and the existing on-site structure was subsequently renovated, and developed into a day care center. Since that time, environmental issues became apparent and it was determined the building was not fit for occupancy.  

The geophysical survey area included a designated asphalt and grass parcel that was bordered by Delsea Drive to the east, Station Avenue to the north, and the property line to the west and south. This area was outlined by Berger on a map sent to AGS prior to the survey. The field activities for this investigation were completed on May 7, 2007.
Objectives

The primary objectives of the geophysical survey were twofold. The first objective was to determine the presence and location of subsurface structures and anomalies including potential extant USTs, a domestic well, a septic system, and other subsurface structures in the survey area. The second objective was to determine the approximate location, depth, and orientation of subsurface utilities. Subsurface utilities can present a drilling/excavation hazard during the investigation, and can act as a pathway for the migration of any contamination occurring in the proximity of utility trenches.

To meet the objective of the investigation, AGS used the electromagnetic conductivity (EM), ground-penetrating radar (GPR), and radio-frequency (RF) methods. A Trimble ProXRS global positioning system (GPS) was used in tandem with the geophysical equipment to provide an accurate location for each data point. AGS also collected GPS data over numerous site features, and overlaid the information onto our EM contour map for reference purposes.

Survey Grids

AGS collected EM data while simultaneously connected to a global positioning system (GPS). Both data sets were collected at one-second intervals, and the data was combined in the field to provide EM data points at specific x-y positions. During the survey, the exact traverse paths were continuously monitored so the line separations were approximately 3-5 feet apart, and the lines were parallel to one another. Given this survey configuration, AGS was able to obtain data points at approximately 3-5-foot intervals throughout the survey area. As a result of this “tight” grid geometry, a very high-resolution picture of the subsurface was constructed. Figure 1 shows buried targets and site features that were included to provide points of reference.

The EM data was collected in northeast-to-southwest, and southwest-to-northeast directions. The coordinates of any metal objects observed at the ground surface were noted to prevent misinterpretation of the data. EM data was collected at 2266 station points for this survey. The GPR data was collected in areas where significant or suspicious EM anomalies were present, and in a reconnaissance mode over larger areas. Typically, several GPR profiles were collected in two orientations over each anomalous area. This data was critical for target confirmation, and refinement of target dimensions and depth.
Electromagnetic Methods

The electromagnetic (EM) method uses the principle of electromagnetic induction to measure the variability of electrical conductivity of subsurface materials and the presence of buried metal objects. Significant contrasts in the electrical properties between non-indigenous materials and surrounding soil enable accurate delineation of buried waste materials, fill, and air spaces. The large EM response to metal makes this technique particularly well suited to identifying buried metal objects such as metallic wastes, USTs, buried drums, pipelines, reinforced building foundations, or other metal components of buried structures. It is, however, equally sensitive to metal objects on the ground surface, and it is important to take careful field notes that indicate the position of surface metal to avoid mis-interpretation.

The EM-31 ground conductivity meter by Geonics was used to measure the presence of buried metal objects such as USTs, and to determine the electrical conductivity of the underlying soils. The EM-31 is a one-man, portable system that induces a sinusoidal, 9.8 kilohertz (kHz) signal into the ground. The transmitted signal induces eddy currents into the subsurface materials, which, in turn, generate a secondary magnetic field that is measured by the receiver coil. Two measurements are recorded at each station point; the in-phase response, which is measured in parts per thousand (ppt), and the quadrature response, which is measured in milliSiemens per meter (mS/m). For the interpretation of high-conductivity targets such as USTs, the in-phase response is more discriminative. Lower contrast targets such as clay layers, contaminant plumes, and waste disposal areas are better indicated with the quadrature response. The EM data can be viewed in contour or profile format, or the data can be acquired in a scan mode. AGS used a Trimble ProXRS Global Positioning System (GPS) concurrently with the EM31 survey.

Ground Penetrating Radar (GPR) Method

The ground-penetrating radar (GPR) method was used to provide subsurface imaging information throughout the areas of investigation. The GPR method is based upon the transmission of repetitive, radio-frequency electromagnetic (EM) pulses into the subsurface. When the transmitted energy of down-going wave contacts an interface of dissimilar electrical character, part of the energy is returned to the surface in the form of a reflected signal. This reflected signal is detected by a receiving transducer and is displayed on the screen of the GPR unit as well as being recorded on the internal hard-drive. The received GPR response remains constant as long as the electrical contrast between media is present and constant. Lateral or vertical changes in the electrical
properties of the subsurface result in equivalent changes in the GPR responses. The system records a continuous image of the subsurface by plotting two-way travel time of the reflected EM pulse versus distance traveled along the ground surface. Two-way travel time values are then converted to depth using known soil velocity functions.

The GPR field procedures involved (1) instrument calibration, (2) test run completion, (3) production profile collection and recording, and (4) data storage for subsequent processing and analysis in the office. Each radar profile was examined for characteristic GPR signatures that may indicate the presence of buried targets. A Geophysical Survey System SIR System 2 and a 400 megahertz (MHz) antenna were used with a recording window of 60 nanoseconds (ns) to provide the required depth penetration and subsurface detail.

Radio-Frequency (RF) Method

The Radiodetection RD400/PDL2 multi-frequency RF utility locating system was used for locating buried utility lines. This instrument consists of a receiver/tracer and a remote transmitter, which operates at frequencies ranging between 8 kHz and 65 kHz. This utility tracing instrument provides audible and visual feedback to the operator when a utility that is coupled with the transmitted signal is crossed. The transmitter produces a radio-frequency signal in the utility to be traced by either induction coupling or direct hook-up. The receiver output provides measured field strength of the received signal and varies an audible pitch depending upon how far the utility is from the receiver. By carefully adjusting the gain of the receiver it is possible to determine the location of the utility and to separate it from adjacent utilities. Both the direct hook-up and inductive coupling tracing methods were used during this investigation. In addition, the receiver can be used in 60 Hz passive mode to identify active buried electrical lines.

Results

AGS has enclosed three figures with this report. Figure 1 presents an EM contour plot showing the in phase responses at the site, buried targets of the investigation, and notable site features. Figures 2 and 3 present representative GPR profiles that were collected over important targets of the survey. The results of the geophysical survey are summarized below.

AGS confirmed the presence, and determined the dimensions of a former septic tank to the northeast of the one-story building. It is approximately 10 feet long by 6 feet wide.
and is located below three manholes. It exhibited strong EM and GPR responses, as shown in Figure 1. A septic line was traced toward the northeast corner of the building in one direction, and toward Anomaly “D” in the northeast part of the survey area. Anomaly “D” is located to the northeast of the former UST by approximately 50 feet. It is roughly 5 feet by 5 feet in dimension and is located below an existing gas pipeline that runs along Station Avenue. This anomaly may be due to effects of the gas line and its associated excavation. The top panel in Figure 3 shows a GPR profile that was collected over Anomaly “D”, which exhibits a hyperbolic, or inverted “U” pattern.

AGS determined the outline of a 50-foot by 15-foot septic leach field next to Delsea Drive. It is shown on the map in Figure 1, and as a GPR cross sectional image in the lower panel of Figure 3. The leach field did not appear on the EM map because it did not have a strong electrical contrast with the surrounding soil materials. The GPR responses however, were very strong and a very clear image of the leach field was obtained. It appears as a strong, flat reflection on the GPR profile, with very well-defined ends. Two lateral pipelines were found that ran along the long edges of the leach field, as well. They are shown on the EM map in Figure 1. In addition, AGS detected a septic line that runs from the leach field to the active septic UST.

AGS detected Anomalies A, B, and C in the survey area, as shown in Figure 1. Anomaly A is approximately 4 feet by 14 feet, and is located to the west of the building. The EM data indicated a very strong response in this area that is due to the anomaly and the chain-link fence that borders the property. The upper panel in Figure 2 shows a GPR profile that was collected over Anomaly A. A strong, slightly-undulating anomaly can be seen at a depth of approximately 4.5 feet bgs. It is below a series of dipping GPR reflections that represent disturbed soils from an apparent former excavation. The geometry of Anomaly A does not suggest the presence of a UST, however, there is a strong indication of a buried structure that has metal associated with it.

Anomaly B is located to the southwest of the building, near the boundary between the asphalt and grass. It is approximately 4 feet by 6 feet in dimension, and the top is 1-2 feet bgs. Very strong EM and GPR responses were observed over this feature. The radar data over Anomaly B indicates that the top is flat, and slightly dipping. AGS believes that anomaly may be due to a former well and its associated structure.

Anomaly C is located to the east of the building, near a chain-link fence gate. Again, strong EM responses were found here that indicated the presence of buried metal. A portion of the EM anomaly is due to the fence, however, a 2-foot by 4-foot area is due to a small buried metal object. The radar data suggested that debris may be present in the
subsurface here. No USTs were found at this location.

Many other anomalies were observed on the map that are due to metal objects at the ground surface such as fences, signs, poles, the building, an HVAC unit and miscellaneous items. These items produced strong EM responses that were unrelated to objects buried in the subsurface.

AGS detected a gas line that ran along the Station Road side of the survey area. In addition, a feeder gas line ran from the Station Road gas line into the property to the west of the building, and into a gas meter behind the building. Two unknown line segments were detected that ran from the eastern side of the building toward Delsea Road. Unfortunately, the signals were lost approximately 20 feet from the building.

**Data Quality**

The data quality for this project was very good. EM and GPR responses were consistent and correlated well between profiles. The interpretations presented in this report are based on observed geophysical responses, visual observations, and historical information.

If you have any questions, please contact me 610-722-5500. It was a pleasure working with you on this project, and look forward to conducting geophysical investigations for you in the future.

Sincerely,

Peter T. Miller Ph.D., P.G.
Senior Geophysicist, AGS

The data quality for this project was very good. EM and GPR responses were consistent and correlated well between profiles. The interpretations presented in this report are based on observed geophysical responses, visual observations, and historical information.
Mr. Tim Dempsey
The Louis Berger Group, Inc.
Former Accutherm Site
July 9, 2007

Figure 2 – GPR Profiles GPR75 and GPR68, and GPR Line Location Map
Figure 3 – GPR Profiles GPR93 and GPR81, and GPR Line Location Map
An EM31 by Geonics and a SIR System GPR unit by GSSI were used for this survey. Data from these instruments was combined and correlated to locate buried anomalies. A Trimble GPS system was used to locate each station point in real time as the survey progressed.

AGS confirmed the presence of a former septic tank to the northeast of the one-story building. It is approximately 10' by 6' in dimension and is located below three manholes. A septic line was traced toward the northeast corner of the building in one direction, and toward Anomaly "D" in the northeast part of the survey area. Anomaly "D" is approximately 5' by 5' in dimension and apparently is located below an existing gas line. AGS determined the outline of a 60' by 60' septic leach field next to Delsea Drive. Two lateral pipelines were found that run along the long edges of the leach field. AGS detected Anomalies A, B, and C in the survey area. Anomaly A is 4' by 14', and is located to the west of the building, Anomaly B is 4' by 6', and is located to the southwest of the building, and Anomaly C is 2' by 4' and located to the east of the building. GPR images of Anomalies A and B are shown in Figure 2. They are discussed in the text. Many other anomalies were observed on the map that are due to metal objects at the ground surface such as fences, signs, poles, the building, an HVAC unit and miscellaneous items.

The depths of investigation for the EM and GPR units are approximately 15 feet and 6 feet, respectively.

The field positions were not surveyed by a licensed surveyor and should be considered approximate. The building locations and sizes are only approximate.
Anomaly B may be due to the gas line and gas line trench effects.

AGS determined the outline of a 50' by 15' septic leach field next to Delsea Drive. Two lateral pipelines were found that ran along the long edges of the leach field. The upper and lower panels were collected over Anomalies "A" and "B", respectively, where anomalous GPR responses were coincident with the anomalous EM responses. Anomaly A is 4' by 14', and is located to the west of the building, Anomaly B is 4' by 6', and is located to the southwest of the building, and Anomaly C is 2' by 4' and located to the east of the building. GPR images of Anomalies A and B are shown in Figure 2. Anomaly A has an undulating surface that suggests the object is not a UST. It may be due to a specific structure that possesses metal. Anomaly B has a tilted, flat surface that has metal associated with it. It may be related to a former well and possible cover. Many other anomalies were observed on the map that are due to metal objects at the ground surface such as fences, signs, poles, the building, an HVAC unit and miscellaneous items.

The depth of investigation for the EM and GPR units are approximately 15 feet and 6 feet, respectively.

The field positions were not surveyed by a licensed surveyor and should be considered approximate. The building locations and sizes are only approximate.
Notes
(1) An EM31 by Geonics and a GPR System GPR unit by GSSI were used for this survey. Data from these instruments was combined and correlated to locate buried anomalies. A Trimble GPS system was used to locate each station point in real time as the survey progressed.
(2) AGS confirmed the presence of a former septic tank to the northeast of the one-story building. It is approximately 10' by 6' in dimension and is located below three manholes. A septic line was traced toward the northeast corner of the building in one direction, and toward Anomaly "D" in the northeast part of the survey area. This anomaly is approximately 5' by 5' in dimension and apparently, is located below an existing gas line. Anomaly "D" may be due to the gas line and gas line trench effects.
AGS determined the outline of a 50' by 15' septic leach field next to Delsea Drive. Two lateral pipelines were found that ran along the long edges of the leach field. The lower panel in Figure 3 shows the horizontal reflection that is due to the leach field, and a gas line that runs parallel to Station Avenue. The upper panel was collected over Anomaly "D", where a hyperbolic, or inverted "U" pattern can be seen. AGS detected Anomalies A, B, and C in the survey area. Anomaly A is 4' by 14', and is located to the west of the building. Anomaly B is 4' by 6', and is located to the southwest of the building, and Anomaly C is 2' by 4' and located to the east of the building. GPR images of Anomalies A and B are shown in Figure 2. Anomaly A has an undulating surface that suggests the object may be metal. Anomaly B has a tilted, flat surface that has metal associated with it. It may be related to a former well and possible cover. Many other anomalies were observed on the map that are due to metal objects at the ground surface such as fences, signs, poles, the building, an HVAC unit and miscellaneous items.
(3) The depths of investigation for the EM and GPR units are approximately 15 feet and 6 feet, respectively.
(4) The field positions were not surveyed by a licensed surveyor and should be considered approximate. The building locations and sizes are only approximate.
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1.0 INTRODUCTION

The Louis Berger Group, Inc. (Berger) has prepared this Building Interior Assessment Report on behalf of the New Jersey Department of Environmental Protection (NJDEP). This report documents the findings of a building interior assessment conducted at the Former Accutherm Site (Site, a.k.a. Kiddie Kollege) located in Franklin Township, Gloucester County, New Jersey (Figure 1). The assessment was completed by Berger as part of a Remedial Investigation (RI), which was performed in association with a state-wide contract with the New Jersey Department of Environmental Protection (NJDEP) to perform site-specific Remedial Investigations and Remedial Action Selection (RI/RAS) at multiple sites throughout the state (NJDEP Term Contract A-60243).
2.0 BACKGROUND

Based on information provided in a Preliminary Assessment Report (PAR) prepared for the Site by Brinkerhoff Environmental Services, Inc. (Brinkerhoff), the Site was occupied by a single residence and small associated sheds until sometime between 1975 and 1980, when the existing one-story structure was constructed (Brinkerhoff, 2006). An application for construction of an individual water supply system, filed with the Gloucester County Department of Health in May 1978, listed the type of building to be served as a “newspaper office.” Reportedly, when Accutherm, Inc. purchased the property in 1984, the Site had already been utilized for the manufacturing of mercury thermometers and related instruments. Accutherm ceased operations at the Site in 1994. The property was purchased by the current owner in 2002, and the existing on-Site structure was subsequently renovated. Unfortunately, the Kiddie Kollege child daycare facility started operating at the Site in February 2004. The NJDEP learned that the Site was being used as a child care facility during off-site reconnaissance on April 11, 2006. Based on the findings of an indoor mercury investigation, the property owner, current tenant (daycare), and local officials were advised on July 28, 2006 that the building should not be inhabited until further notice.

Previous inspections and investigations by others had identified the presence of free mercury droplets in the basement and between the floor joists of the basement and the plywood flooring of the first floor. In addition, the results of indoor air sampling performed by Brinkerhoff had shown concentrations of mercury vapor up to 13 μg/m³ on the first floor, and 200 μg/m³ in the basement. Wipe sampling also confirmed the presence of mercury within the building, with results between non-detectable and 7.4 μg/wipe. A more comprehensive overview of the Site history is included in the Brinkerhoff PAR, and further details regarding previous investigations can be found in the Remedial Investigation Report (Berger, January 2008).
3.0 BUILDING INTERIOR ASSESSMENT

This Building Interior Assessment was proposed to further evaluate the presence of mercury within the existing building as part of the Site Sampling and Investigation Plan (SSIP) (Berger, 2007). The assessment included an inspection using real time monitoring equipment, sampling of building finishing and structural materials, and surface wipe sampling. The results of this assessment can be utilized to evaluate whether cleaning and abatement of the facility is an alternative to demolition.

The Building Interior Assessment was conducted on May 15 and May 16, 2007. It is noted that the assessment was performed after the building had been sealed with minimal access and no active mechanical or ventilation systems for a period of at least ten (10) months and during a week of high heat conditions (e.g., > 85°F). Accordingly, temperatures within certain portions of the building (e.g., attic crawlspace) were in excess of 110°F during the assessment. Combined, the lack of ventilation and elevated temperatures are considered ideal to achieve maximum volatilization of mercury vapor. Therefore, the assessment may be considered representative of worst-case conditions. The real time measurements and analytical results that were obtained during this Building Interior Assessment are not intended to provide an estimate of the mercury vapor exposure concentrations that were present in the occupied day care center.

3.1 REAL TIME MONITORING SURVEY

The building interior assessment included the use of real time sampling equipment to identify potential mercury-contaminated areas. The equipment was utilized on the attic crawlspace, first floor, and basement levels to identify areas requiring further investigation. Air sampling for mercury was performed utilizing two separate instruments for both confirmation purposes and improving accuracy of readings over a wider mercury concentration range. The instruments used in the assessment were the Jerome 431X Mercury Vapor Analyzer and the Lumex 915+ Mercury Meter. The Jerome 431X can accurately measure mercury vapor from 10 to 1,000 ug/m³ utilizing a gold film sensor technology, while the Lumex 915+ accurately measures mercury vapor from 0.02 to 50 ug/m³ utilizing a differential atomic absorption technique.

As such, the Lumex 915+ was utilized for greater accuracy in areas where concentrations of mercury were less than 10 ug/m³, which included the majority of the 1st floor and the attic crawlspace. The Jerome 431X was utilized to determine concentrations of mercury in areas where mercury was generally greater than 50 ug/m³, which included portions of the kitchen and the entire basement level. Both instruments were utilized side to side during initial monitoring efforts in efforts to find potential “hot” or “cold” spots, with additional comprehensive monitoring occurring once these areas had been initially characterized.
Real time measurements were collected at floor-level, as well as the approximate four-foot and six-foot levels to determine if mercury vapor levels varied significantly with height. As monitoring did not consistently reveal significant differences at these heights, Figures 3, 4, and 5 (attached) present the average concentrations of mercury detected throughout the attic crawlspace, first floor, and basement, respectively. The monitoring results generally indicated an increase in mercury concentration from the attic crawlspace (0.6 to 1.6 ug/m\(^3\)) to the basement level (44 to 212 ug/m\(^3\)). The following subsections provide a discussion of the real time monitoring results for each floor, as well as a comparison with the NJDEP Residential Indoor Air Screening Level (IASL) for mercury, which is 0.3 ug/m\(^3\).

### 3.1.1 Attic Crawlspace

Mercury vapor concentrations in the attic crawlspace were found to be lower than in the first floor and basement levels, possibly due to a stack effect (rapidly rising heat in the attic may have been transporting mercury vapors to slotted vents at the roof peak). As shown on Figure 3, concentrations were generally divided into an eastern pattern (1.0 to 1.6 ug/m\(^3\)) and a western pattern (0.6 to 0.8 ug/m\(^3\)). The greatest mercury concentration (1.6 ug/m\(^3\)) was detected within the southeast corner of the attic crawlspace, directly above the first floor kitchen cabinet area and basement hot spot (discussed below). The concentrations of mercury vapor in the attic crawlspace slightly exceed the NJDEP Residential IASL for mercury of 0.3 ug/m\(^3\).

### 3.1.2 First Floor

Mercury vapor concentrations consistently ranged between 18 ug/m\(^3\) and 30 ug/m\(^3\) throughout the first floor (Figure 4), well above the NJDEP Residential IASL for mercury of 0.3 ug/m\(^3\). Elevated concentrations were identified within the kitchen at a height of approximately 6 feet (36 ug/m\(^3\)). In addition, the inside of the southeast corner kitchen cabinets showed concentrations ranging from 55 ug/m\(^3\) to 65 ug/m\(^3\), while at floor-level near the door of the southeast cabinets, mercury vapor was detected at 165 ug/m\(^3\).

### 3.1.3 Basement

As compared to other portions of the building, mercury vapor concentrations were found to be the highest in the basement, greatly exceeding the NJDEP Residential IASL for mercury of 0.3 ug/m\(^3\) (44 ug/m\(^3\) to 305 ug/m\(^3\); see Figure 5). Readings consistently ranged between 50 ug/m\(^3\) and 60 ug/m\(^3\) to the west of the basement stairwell. Levels greatly increased on the eastern half of the basement stairwell (63 ug/m\(^3\) to 305 ug/m\(^3\)), with the peak readings being located in the southeast corner and the northeast corner/east wall. As such, mercury readings appeared to gradually climb and peak from the northwest to the south east corners of the basement level. The
areas with the greatest airborne mercury vapor levels also coincided with those areas in the basement noted to have water infiltration resulting from a recent spring rain (e.g., southeast and northeast corners).

### 3.2 BULK BUILDING MATERIAL SAMPLING

Based on the findings of previous investigations, a variety of potentially mercury-contaminated materials existed within the building interior. In order to better define affected building materials, 49 bulk samples were collected and analyzed for mercury content using USEPA Method 7471A. Figures 6 through 9 show the locations of these samples. The following representative materials were sampled:

- Carpeting
- Attic Crawlspace Insulation
- Wall Board
- Wall Insulation
- Concrete/Brick Walls (Throughout)
- Floor Tiles and Underlying Substrates

Bulk samples for mercury were collected in a hygienic manner utilizing tools (e.g., chisel, hammer, box blade, drill) which were adequately cleaned using pre-prepared detergent saturated wipes between sample collection points. Single use nitrile gloves were used while collecting, bagging, and placing each bulk sample in a chilled cooler prior to pick up on-site by the subcontracted analytical laboratory, Hampton Clarke/Veritech (HC-V).

Table 1 presents the analytical results and location descriptions of bulk samples collected during the Building Interior Assessment. In general, analysis of the bulk samples indicated a progressive increase in mercury concentration from the attic crawlspace (0.3 to 7 mg/kg) to the basement (90 to 230 mg/kg). The results are summarized in the following subsections.

#### 3.2.1 Attic Crawlspace

The greatest concentrations of mercury within the attic crawlspace were detected in insulation collected from southwest (7 mg/kg) and southeast corners (3.5 mg/kg). Although the relative numbers of samples collected from this space was limited, it is noted that higher concentrations of mercury were consistently detected on the south side of the attic crawlspace (e.g., 0.32 to 7 mg/kg versus 0.78 to 1.3 mg/kg on the north side).
3.2.2 First Floor

The first floor sampling results indicate that mercury contamination was detected in each porous material sampled during the assessment, including sheetrock (0.9 to 64 mg/kg), carpeting (0.46 to 7.5 mg/kg), wall insulation (0.084 to 7.3 mg/kg) and flooring plyboard (5.0 mg/kg). The highest mercury concentrations were detected in the building materials within the kitchen area (wall insulation at 7.3 to 23 mg/kg, wall board at 39 to 64 mg/kg, and carpeting at 5.9 mg/kg).

3.2.3 Basement

Three bulk samples were collected for analysis from the south concrete wall within the basement. These samples showed the highest mercury concentrations of all of the bulk samples collected during the Building Interior Assessment (90 to 230 mg/kg).

3.3 SURFACE WIPE SAMPLING

In addition to bulk sampling, 54 surface wipe samples were collected during the Building Interior Assessment. The samples were analyzed for mercury content using USEPA Method 7471A. Representative wipe samples were collected utilizing a Ghost Wipe® passed over a single use 100 square centimeter template prior to being placed in a laboratory supplied sample bag. In each case, and where excessive debris was located in a particular area (e.g., basement floor), efforts were made to collect representative sample material by making successive folds and passes over the template until the sample area appeared to be visibly clean. Samples were collected utilizing hygienic techniques such that single use materials were employed (e.g., nitrile gloves, templates, sample bags). The wipes were placed in a chilled cooler prior to pick up on-site by HC-V.

Figures 6 though 9 show the wipe sample locations, and Table 2 shows the analytical results and descriptions of the wipe samples collected. Each wipe sample represents a 100-square-centimeter area. The wipe sample results generally indicated a progressive increase in mercury from the attic crawlspace (0.098 to 0.67 ug/wipe) to the basement (0.85 to 24,000 ug/wipe). The analytical results for the surface wipe samples collected on each floor are summarized below.

3.3.1 Attic Crawlspace

Wipe sampling within the attic crawlspace was limited to five wipe locations due to a limited variety of material surfaces. The area showing the highest mercury concentration was identified on a wooden joist within the southeast corner (0.67 mg/wipe), while the area of lowest concentration was detected on a wooden joist within the northeast corner (0.15 ug/wipe).
3.3.2 First Floor

The wipe sample analytical results indicate that mercury levels consistently ranged from 1 to 1.5 ug/wipe on surfaces in the main accessible portions of the first floor. This included floor and wall surfaces within the main entry room, as well as wall surfaces in the bathroom, library, and south common room. Higher levels of mercury were detected on wipes collected from freshly exposed materials (e.g., brick or concrete) on the south, west and east walls of the building, ranging from 2.3 to 8.6 ug/wipe. The southeast corner (kitchen cabinet area) measured 5.1 ug/wipe, while the exposed north exterior wall adjacent to the main entrance measured 15 ug/wipe.

3.3.3 Basement

Wipe samples collected in the basement revealed consistently elevated mercury levels on floor (concrete) and wall (masonry block) surfaces, ranging from 31 to 24,000 ug/wipe. The highest concentrations were identified on the eastern half of the basement, with the peak concentrations detected on the floors of the northeast (1,300 ug/wipe) and southeast (24,000 ug/wipe) corners. These areas were noted to be somewhat muddy, as a result of water infiltration related to a recent spring rain event.
4.0 SUMMARY AND CONCLUSIONS

The Building Interior Assessment consisted of real time air monitoring, bulk sampling of building materials, and surface wipe sampling to evaluate the presence of mercury within the existing on-site structure. The air monitoring results showed that elevated concentrations of airborne mercury are present throughout the building, while the building material and surface wipe sampling results identified the presence of mercury within or on all building materials. Volatilization of mercury from the building materials is the apparent source of the airborne mercury.

The data obtained during the assessment all showed a general increase in mercury concentration from the attic crawlspace to the basement. Mercury vapor monitoring and wipe sampling results indicated the greatest mercury contamination near the southeast corner of the basement (305 ug/m³ and 24,000 ug/wipe, respectively). Elevated mercury vapor concentrations were detected directly above this hot spot, in the southeast corner of the kitchen and southeast corner of the attic crawlspace. In addition, bulk samples collected from within the kitchen revealed consistently higher levels of mercury than the rest of the first floor.

In conclusion, both the structural and finishing building materials are contaminated with mercury. Bulk material and surface wipe sampling revealed the consistent presence of mercury contamination on the original porous exterior walls and framing materials, as well as the finishing materials used to build the daycare facility. The highest bulk mercury concentrations were detected in the samples collected from the basement concrete wall (90, 170, and 230 mg/kg, respectively). Based on these results, it is likely that relatively high concentrations of mercury are present in the porous building materials throughout the basement.
5.0 REFERENCES


<table>
<thead>
<tr>
<th>Bulk Sample ID</th>
<th>Lab Sample ID</th>
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Notes:
- Bold values indicate positive detections
- U = Compound not detected above the Sample Quantitation Limit, value shown is the Sample Quantitation Limit
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**First Floor**

| W1            | AC30544-050  | 5/16/2007    | Entry vestibule, linoleum floor            | 1                 |
| W2            | AC30544-051  | 5/16/2007    | Main entry room, painted wall board surface, 3' height | 1.2              |
| W3            | AC30544-052  | 5/16/2007    | Main entry room, painted wall board surface, 0.5' height | 1.2              |
| W4            | AC30544-053  | 5/16/2007    | Main entry room, southwest corner on computer table surface | 0.52             |
| W5            | AC30544-054  | 5/16/2007    | East book/library room, 3' height          | 1.2              |
| W6            | AC30544-055  | 5/16/2007    | East book/library room, 0.5' height        | 0.79             |
| W7            | AC30544-056  | 5/16/2007    | Main entry room, HVAC dispersion grill vent | 0.58             |
| W8            | AC30544-057  | 5/16/2007    | West central room wall, 4.5' height        | 0.48             |
| W9            | AC30544-058  | 5/16/2007    | Northwest corner room, southwest corner, 4.5' height | 0.41             |
| W10           | AC30544-059  | 5/16/2007    | South common room, painted wall board adjacent to basement entrance, 4.5' height | 0.55             |
| W11           | AC30544-060  | 5/16/2007    | Kitchen, southeast corner, 4.5' height     | 0.47             |
| W12           | AC30544-061  | 5/16/2007    | Kitchen, inside of southeast corner cabinet, 4.5' height | 0.23             |
| W13           | AC30544-062  | 5/16/2007    | Kitchen, painted wall board adjacent to sink, 4.5' height | 0.26             |
| W14           | AC30544-063  | 5/16/2007    | West central room, interior of common return air intake, 4.5' height | 0.61             |
| W15           | AC30544-064  | 5/16/2007    | South common room, painted wall board on south wall, 4.5' height | 1.4              |
| W16           | AC30544-065  | 5/16/2007    | Bathroom, painted wall board adjacent to toilet, 4.5' height | 1.5              |
| W17           | AC30544-066  | 5/16/2007    | North exterior wall, brick wall behind wall board, 4.5' height | 1.5              |
| W18           | AC30544-067  | 5/16/2007    | East exterior wall, near east entrance, brick wall behind wall board, 4.5' height | 8.6              |
| W19           | AC30544-068  | 5/16/2007    | South exterior wall, near south entrance, behind wall board, 4.5' height | 2.3              |
| W20           | AC30544-069  | 5/16/2007    | West exterior cement wall, center, 4.5' height | 4.1              |
| W21           | AC30544-070  | 5/16/2007    | Kitchen, southeast corner, brick wall behind wall board, 4.5' height | 5.1              |

**Basement**

| W22           | AC30544-071  | 5/16/2007    | South central exterior cement block wall, 4.5' height | 140              |
| W23           | AC30544-072  | 5/16/2007    | South wall, west side, 4.5' height              | 31               |
| W24           | AC30544-073  | 5/16/2007    | West wall, southwest corner, 4.5' height        | 120              |
| W25           | AC30544-074  | 5/16/2007    | West wall, northwest corner, 4.5' height        | 49               |
| W26           | AC30544-075  | 5/16/2007    | North wall, west side, 4.5' height             | 76               |
| W27           | AC30544-076  | 5/16/2007    | North wall, central, 4.5' height               | 230              |
| W28           | AC30544-077  | 5/16/2007    | North wall, east side, 4.5' height             | 36               |
| W29           | AC30544-078  | 5/16/2007    | East wall, northeast corner, 4.5' height       | 44               |
| W30           | AC30544-079  | 5/16/2007    | East wall, southwest corner, 4.5' height       | 69               |
| W31           | AC30544-080  | 5/16/2007    | South wall, east side, 4.5' height             | 160              |
| W32           | AC30544-081  | 5/16/2007    | Floor, southeast corner (muddy)               | 24000            |
| W33           | AC30544-082  | 5/16/2007    | Floor, southwest corner                      | 270              |
| W34           | AC30544-083  | 5/16/2007    | Floor, northeast corner                      | 660              |
| W35           | AC30544-084  | 5/16/2007    | Floor, south central                         | 300              |
| W36           | AC30544-085  | 5/16/2007    | Floor, northeast corner                      | 1300             |
| W37           | AC30544-086  | 5/16/2007    | Floor, north central                         | 670              |
| W38           | AC30544-087  | 5/16/2007    | Wooden joists, southeast corner               | 11               |
| W39           | AC30544-088  | 5/16/2007    | Wooden joists, southwest corner              | 18               |
| W40           | AC30544-089  | 5/16/2007    | Wooden joists, northwest corner              | 3.7              |
| W41           | AC30544-090  | 5/16/2007    | Wooden joists, southwest central corner      | 1.8              |
| W42           | AC30544-091  | 5/16/2007    | Wooden joists, northwest central corner      | 0.85             |
| W43           | AC30544-092  | 5/16/2007    | Wooden joists, southeast central corner      | 1.2              |
| W44           | AC30544-093  | 5/16/2007    | Wooden joists, northeast corner              | 0.87             |

**QC Samples**

| W52           | AC30544-101  | 5/17/2007    | Blank                                       | 0.05 U           |
| W53           | AC30544-102  | 5/17/2007    | Blank                                       | 0.05 U           |
| W54           | AC30544-103  | 5/17/2007    | Blank                                       | 0.05 U           |

Notes:
- **Bold values indicate positive detections**
- **U = Compound not detected above the Sample Quantitation Limit**, value shown is the Sample Quantitation Limit
The Louis Berger Group, Inc.
412 Mt. Kemble Ave.
Morristown, NJ 07960

Former Accutherm, Inc. Site, Franklin Twp., New Jersey

Attic Real-Time Monitoring Results
NJDEP Contract No. A-60243

Legend
- Septic System
- Building
- Potable Well (Approximate) and Pipe

Note:
Real Time Air Monitoring Locations
Average Mercury Concentrations (μg/m³)
- 0 - 1.0
- 1.1 - 10
- 10.1 - 50
- 50.1 - 100
- 100.1 - 1000

1 inch equals 10 feet
FIRST FLOOR REAL-TIME MONITORING RESULTS

Note:
Real Time Air Monitoring Locations
Average Mercury Concentrations (ug/m³)

0 - 1.0
1.1 - 10
10.1 - 50
50.1 - 100
100.1 - 1000

Legend
- Septic System
- Building
- Potable Well (Approximate) and Pipe

1 inch equals 10 feet

The Louis Berger Group, Inc.
412 Mt. Kemble Ave.
Morristown, NJ 07960

FIGURE 4
Note:
Real Time Air Monitoring Locations
Average Mercury Concentrations (ug/m^3)

Legend
- Septic System
- Building
- Potable Well (Approximate) and Pipe

1 inch equals 10 feet
Appendix D – Excavation and Soil Boring Logs
## Drilling Log Legend

###ANTHROPOGENIC STRATA
- CONCRETE/ ASPHALT
- FILL
- WASTE

###NATIVE SOILS
- GP: Poorly Sorted Gravel
- GW: Well Sorted Gravel
- GM: Silty Gravel
- GC: Clayey Gravel
- SP: Poorly Sorted Sand
- SW: Well Sorted Sand
- SM: Silty Sand
- SC: Clayey Sand
- ML: Silt - low plasticity
- MH: Elastic Silt - high plasticity
- CL: Lean Clay - low plasticity
- CH: Fat Clay - high plasticity
- OL: Organic Silt - low plasticity
- OH: Organic Clay - high plasticity
- PT: Peat

###BEDROCK
- BDRX-S: SEDIMENTARY
- BDRX-C: CARBONATE
- BDRX-I: IGNEOUS
- BDRX-M: METAMORPHIC

###WELL CONSTRUCTION
- FILTER PACK
- GROUT
- SEAL (BENTONITE)
- SEAL (FINE SAND)
- SCREEN
- OPEN CASING
- PVC CASING
- STEEL CASING

###NOTES:
- NA: Not Applicable

**DESCRIPTION (modified from)**

**USCS (based on)**

**SYMBOLS**
- Water Level in Soil Boring/Well
- Ground Water Elevation
<table>
<thead>
<tr>
<th>Lithology</th>
<th>USCS</th>
<th>Depth (ft)</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SP</td>
<td>0</td>
<td>&lt;1</td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, little fine Gravel; dry.</td>
<td>Sand, Collected TP01A, TP01C, and TP01E from 0 to 2.0 ft bgs</td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>1</td>
<td>&lt;1</td>
<td>Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; moist.</td>
<td>Collected TP01B, TP01D, and TP01F from 4.0 to 4.5 ft bgs</td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>2</td>
<td>&lt;1</td>
<td>Dark yellowish brown (10YR4/2) coarse to fine SAND, trace Silt, little fine Gravel; moist.</td>
<td>Bottom of Pit at 5 ft.</td>
</tr>
</tbody>
</table>
## Excavation Log

**TEST PIT NO.:** TP02  
**Page 1 of 1**

<table>
<thead>
<tr>
<th>EXCAVATION DATA</th>
<th>BACKFILL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (ft): 75</td>
<td>Material: Excavated Fill</td>
</tr>
<tr>
<td>Width (ft): 2</td>
<td>Compaction: Bucket</td>
</tr>
<tr>
<td>Depth (ft): 4.50</td>
<td>Lifts (ft): 1</td>
</tr>
<tr>
<td>Depth to Water (ft): N/A</td>
<td>Restoration: Native Material</td>
</tr>
<tr>
<td>Depth to Rock (ft): N/A</td>
<td></td>
</tr>
</tbody>
</table>

### NOTES:

**Lithology**  
**USCS**  
**Depth (ft)**  
**PID (ppm)**  
**Description**  
**Remarks**

<p>| | | | | | |</p>
<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SP</td>
<td>0</td>
<td>&lt;1</td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, little fine Gravel; dry.</td>
<td>Sand, Collected TP02A, TP02C, TP02E, TP02G, and TP02I from 0 to 2.0 ft bgs</td>
<td></td>
</tr>
<tr>
<td>SP</td>
<td>1</td>
<td>&lt;1</td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, trace Silt, little fine Gravel; moist.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SP-SC</td>
<td>2</td>
<td>&lt;1</td>
<td>Dark yellowish brown (10YR4/2) coarse to fine SAND, little Clay; moist.</td>
<td>Collected TP02B, TP02D, TP02F, TP02H, and TP02J from 4.0 to 4.5 ft bgs</td>
<td></td>
</tr>
<tr>
<td>SP-SC</td>
<td>3</td>
<td>&lt;1</td>
<td>Moderate yellowish brown (10YR5/4) coarse to fine SAND, little Clay; moist.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SP-SC</td>
<td>4</td>
<td>&lt;1</td>
<td></td>
<td>Bottom of Pit at 4.5 ft.</td>
<td></td>
</tr>
<tr>
<td>Lithology</td>
<td>USCS</td>
<td>Depth (ft)</td>
<td>PID (ppm)</td>
<td>Description</td>
<td>Remarks</td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>------------</td>
<td>-----------</td>
<td>-------------</td>
<td>---------</td>
</tr>
<tr>
<td>SP</td>
<td>0</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td>Sand, Collected TP03A, TP03E, TP03I from 0 to 2.0 ft bgs</td>
</tr>
<tr>
<td>SP</td>
<td>1</td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; moist.</td>
<td>Collected TP03C, TP03G from 1.5 to 2.0 ft bgs</td>
</tr>
<tr>
<td>SP</td>
<td>2</td>
<td>&lt;1</td>
<td></td>
<td>Dusky yellowish brown (10YR2/2) coarse to fine SAND, trace Silt, little fine Gravel; moist.</td>
<td>Collected TP03B, TP03D, DUP03, TP03F, TP03H, TP03J from 4.0 to 4.5 ft bgs</td>
</tr>
<tr>
<td>SP</td>
<td>3</td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; moist.</td>
<td>Bottom of Pit at 4.5 ft.</td>
</tr>
</tbody>
</table>
## Excavation Log

**TEST PIT NO.:** TP04  
**PROJECT NO.:** JG322B0

### CLIENT: New Jersey Department of Environmental Protection  
### PROJECT: Accutherm  
### EXCAVATION CONTRACTOR: Uni-Tech Drilling  
### EXCAVATOR: Rubber Tire Backhoe  

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Material</th>
<th>Compaction</th>
<th>Lifts (ft)</th>
<th>Restoration</th>
<th>Lithology</th>
<th>USCS</th>
<th>Depth (ft)</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.50</td>
<td>Excavated Fill</td>
<td>Bucket</td>
<td>1</td>
<td>Native Material</td>
<td>Sand, Collected TP04A from 0 to 2.0 ft bgs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Sand, Collected TP04B from 7.5 to 8.0 ft bgs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTES:

- Material:
- Compaction:
- Lifts (ft):
- Restoration:
- Lithology:
- USCS:
- Depth (ft):
- PID (ppm):
- Description:
- Remarks:
<table>
<thead>
<tr>
<th>Lithology</th>
<th>USCS</th>
<th>Depth (ft)</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SP</td>
<td>0</td>
<td>&lt;1</td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td>Sand, Collected TP05A and TP05B from 0 to 2.0 ft bgs</td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>1</td>
<td>&lt;1</td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>2</td>
<td>&lt;1</td>
<td>Dusky yellowish brown (10YR2/2) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td>Collected TP05B and TP05D from 4.0 to 4.5 ft bgs</td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>3</td>
<td>&lt;1</td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td>Bottom of Pit at 4.5 ft.</td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>4</td>
<td>&lt;1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
- **EXCAVATION DATA**
  - Length (ft): 10
  - Width (ft): 10
  - Depth (ft): 4.50
  - Depth to Water (ft): N/A
  - Depth to Rock (ft): N/A
- **BACKFILL DATA**
  - Material: Excavated Fill
  - Compaction: Bucket
  - Lifts (ft): 1
  - Restoration: Native Material
- **EXCAVATION CONTRACTOR:** Uni-Tech Drilling
- **EXCAVATOR:** Rubber Tire Backhoe
- **PROJECT:** Accutherm
- **EXCAVATION DATA**
  - Length (ft): 10
  - Width (ft): 10
  - Depth (ft): 4.50
  - Depth to Water (ft): N/A
  - Depth to Rock (ft): N/A
- **NOTES:**
  - Accutherm
  - New Jersey Department of Environmental Protection
  - Sand, Collected TP05A and TP05B from 0 to 2.0 ft bgs
  - Collected TP05B and TP05D from 4.0 to 4.5 ft bgs
  - Bottom of Pit at 4.5 ft.
<table>
<thead>
<tr>
<th>Lithology</th>
<th>USCS</th>
<th>Depth (ft)</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP</td>
<td>0</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, trace Silt, little medium to fine Gravel; dry.</td>
<td>Sand, Collected TP06A, DUP04, TP06C, and TP06E from 0 to 2.0 ft bgs</td>
</tr>
<tr>
<td>SP</td>
<td>1</td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little medium to fine Gravel; dry.</td>
<td>Collected TP06B, TP06D, and TP06F from 4.0 to 4.5 ft bgs</td>
</tr>
<tr>
<td>SP</td>
<td>2</td>
<td>&lt;1</td>
<td></td>
<td>Dusky yellowish brown (10YR2/2) coarse to fine SAND, trace Silt, little medium to fine Gravel; wet.</td>
<td>Bottom of Pit at 4.5 ft.</td>
</tr>
</tbody>
</table>
# Excavation Log

**CLIENT:** New Jersey Department of Environmental Protection  
**PROJECT NO:** JG322B0  
**PROJECT:** Accutherm  
**DATE STARTED:** 5/16/2007  
**DATE FINISHED:** 5/16/2007  
**EXCAVATION CONTRACTOR:** Uni-Tech Drilling  
**EXCAVATOR:** Rubber Tire Backhoe  
**OPERATOR:** Brad Barnes  
**INSPECTOR:** J. Lacanlale

### EXCAVATION DATA

<table>
<thead>
<tr>
<th>Length (ft)</th>
<th>Width (ft)</th>
<th>Depth (ft)</th>
<th>Depth to Water (ft)</th>
<th>Depth to Rock (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>15</td>
<td>4.50</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### BACKFILL DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>Compaction</th>
<th>Lifts (ft)</th>
<th>Restoration</th>
<th>Ground Elevation (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excavated Fill</td>
<td>Bucket</td>
<td>1</td>
<td>Native Material</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### NOTES:

- **Lithology:**
  - **USCS:** SP-SM  
  - **Depth (ft):** 0, 1, 2, 3, 4  
  - **PID (ppm):** <1  
  - **Description:**
    - Dark yellowish orange (10YR6/6) coarse to fine SAND, little Silt, little medium to fine Gravel; dry.  
    - Light brown (5YR5/6) coarse to fine SAND, little Silt, little medium to fine Gravel; dry.  
    - Dusky yellowish brown (10YR2/2) coarse to medium GRAVEL; wet.  
    - Light brown (5YR5/6) coarse to fine SAND, little Silt, little medium to fine Gravel; dry.  

- **Remarks:**
  - Sand  
  - Gravel  
  - Collected TP07A, TP07B, DUP05, TP07C, TP07D, TO07E from 4.0 to 4.5 ft bgs  
  - Sand  
  - Bottom of Pit at 4.5 ft.
# Excavation Log

**TEST PIT NO.:** TP08

<table>
<thead>
<tr>
<th>Excavation Log</th>
<th>Page 1 of 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CLIENT:</strong> New Jersey Department of Environmental Protection</td>
<td><strong>PROJECT NO.:</strong> JG322B0</td>
</tr>
<tr>
<td><strong>PROJECT:</strong> Accutherm</td>
<td><strong>DATE STARTED:</strong> 5/17/2007</td>
</tr>
<tr>
<td><strong>EXCAVATION CONTRACTOR:</strong> Uni-Tech Drilling</td>
<td><strong>DATE FINISHED:</strong> 5/17/2007</td>
</tr>
<tr>
<td><strong>EXCAVATOR:</strong> Rubber Tire Backhoe</td>
<td><strong>OPERATOR:</strong> Brad Barnes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>EXCAVATION DATA</strong></th>
<th><strong>BACKFILL DATA</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length (ft):</strong> 5</td>
<td><strong>Material:</strong> Excavated Fill</td>
</tr>
<tr>
<td><strong>Width (ft):</strong> 3</td>
<td><strong>Compaction:</strong> Bucket</td>
</tr>
<tr>
<td><strong>Depth (ft):</strong> 5.00</td>
<td><strong>Lifts (ft):</strong> 1</td>
</tr>
<tr>
<td><strong>Depth to Water (ft):</strong> N/A</td>
<td><strong>Restoration:</strong> Native Material</td>
</tr>
<tr>
<td><strong>Depth to Rock (ft):</strong> N/A</td>
<td><strong>NORTHING (ft):</strong> N/A</td>
</tr>
<tr>
<td><strong>EASTING (ft):</strong> N/A</td>
<td><strong>GROUND ELEVATION (ft):</strong> N/A</td>
</tr>
</tbody>
</table>

**NOTES:**

<table>
<thead>
<tr>
<th>Lithology</th>
<th>USCS</th>
<th>Depth (ft)</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP</td>
<td>0</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, little fine Gravel; dry.</td>
<td>Sand</td>
</tr>
<tr>
<td>SP</td>
<td>1</td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; moist.</td>
<td></td>
</tr>
<tr>
<td>SP</td>
<td>2</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish brown (10YR4/2) coarse to fine SAND, trace Silt, little fine Gravel; moist.</td>
<td>Bottom of Pit at 5 ft.</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
**Drilling Log**

**BORING NO.:** SB01  
**WELL NO.:** N/A

**CLIENT:** New Jersey Department of Environmental Protection  
**PROJECT:** Accutherm  
**DRILLING CONTRACTOR:** Uni-Tech Drilling  
**DRILLING METHOD:** Direct Push

### BOREHOLE DATA

<table>
<thead>
<tr>
<th>Sample Interval (ft)</th>
<th>Lithology</th>
<th>Sample Recovery</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>SP</td>
<td>SP</td>
<td>&lt;1 Dark yellowish orange (10YR6/6) coarse to fine SAND; moist.</td>
<td>Sand, Collected SB01A from 0.5 to 2 ft bgs</td>
</tr>
<tr>
<td>2</td>
<td>SP</td>
<td>SP</td>
<td>&lt;1 Dark yellowish brown (10YR4/2) coarse to fine SAND; moist.</td>
<td>Collected SB01C from 8.0 to 8.5 ft bgs</td>
</tr>
<tr>
<td>4</td>
<td>SP</td>
<td>SP</td>
<td>&lt;1 Dark yellowish brown (10YR4/2) coarse to fine SAND; moist.</td>
<td>Collected SB01B from 6.5 to 7.0 ft bgs</td>
</tr>
<tr>
<td>6</td>
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<td>SP</td>
<td>&lt;1 Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; moist.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SP</td>
<td>SP</td>
<td>&lt;1 Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; moist.</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>SP</td>
<td>SP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>SP</td>
<td>SP</td>
<td></td>
<td>End of Boring at 12 ft.</td>
</tr>
<tr>
<td>Well Construction</td>
<td>Depth (ft)</td>
<td>Lithology</td>
<td>USCS</td>
<td>Sample Interval</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>------</td>
<td>-----------------</td>
</tr>
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<td>0</td>
<td>SP</td>
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<td>SP</td>
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<tr>
<td></td>
<td>12</td>
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</table>
## Drilling Log

### BOREHOLE DATA

<table>
<thead>
<tr>
<th>Depth to Water (ft):</th>
<th>N/A</th>
<th>Depth to Rock (ft):</th>
<th>N/A</th>
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</thead>
</table>

### WELL DATA

<table>
<thead>
<tr>
<th>Diameter (in):</th>
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<th>Total Depth (ft):</th>
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<th>Sampler:</th>
<th>Macrocore</th>
<th>Screen Length (ft) /Slot (in):</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Completion:</td>
<td>N/A</td>
<td>Total Depth (ft):</td>
<td>N/A</td>
<td></td>
<td></td>
<td>GROUND ELEVATION:</td>
<td>N/A</td>
</tr>
<tr>
<td>NORTHING:</td>
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### Drilling Log

**BORING NO.:** SB05  
**WELL NO.:** N/A

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## Drilling Log

**BOREHOLE DATA**

| Diameter (in): | 2 |
| Total Depth (ft): | 12.00 |
| Sampler: | Macrocoring |
| Depth to Water (ft): | N/A |
| Depth to Rock (ft): | N/A |

**WELL DATA**

| Completion: | N/A |
| Total Depth (ft): | N/A |
| Screen Length (ft) / Slot (in): | N/A |
| Depth to Water (ft): | N/A |
| Permit No.: | N/A |

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- **Moderate yellowish brown (10YR5/4) coarse to fine SAND, some medium to fine Gravel; moist.**
- **Dark yellowish orange (10YR6/6) coarse to fine SAND, some medium to fine Gravel; moist.**
- **End of Boring at 12 ft.**

**PROJECT NO:** JG322B0

**DATE STARTED:** 5/14/2007

**DATE FINISHED:** 5/14/2007

**WELL NO:** SB09

**DRILLING CONTRACTOR:** Uni-Tech Drilling

**DRILLING METHOD:** Direct Push

**DRILLER:** Mike Bruynel

**CLIENT:** New Jersey Department of Environmental Protection

**PROJECT:** Accutherm

**INSPECTOR:** J. Lacanlale
# Drilling Log

**BORING NO.:** SB10  
**WELL NO.:** N/A

**CLIENT:** New Jersey Department of Environmental Protection  
**PROJECT NO.:** JG322B0

**PROJECT:** Accutherm  
**DATE STARTED:** 5/14/2007

**DRILLING CONTRACTOR:** Uni-Tech Drilling  
**DATE FINISHED:** 5/14/2007

**DRILLING METHOD:** Direct Push  
**DRILLER:** Mike Bruynel

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## BOREHOLE DATA

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## Drilling Log

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**NOTES:**

Moderate yellowish brown (10YR5/4) coarse to fine SAND, trace Silt, little fine Gravel; moist.

Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; moist.

Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; moist.

Collected SB12 from 4.0 to 10.0 ft bgs

End of Boring at 12 ft.
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<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, little fine Gravel; moist.</td>
<td>Sand, Collected SB13 from 2.5 to 10.0 ft bgs</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, little fine Gravel; moist.</td>
<td></td>
</tr>
<tr>
<td>6</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>8</td>
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<td>SP</td>
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<td></td>
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<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, little fine Gravel; moist.</td>
<td></td>
</tr>
<tr>
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<td></td>
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<tr>
<td>12</td>
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<td></td>
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<td>End of Boring at 12 ft.</td>
</tr>
</tbody>
</table>
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

MONITORING WELL PERMIT

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Edward Putnam - NJDEP
Address: 401 E State St.
Trenton, NJ 08625

Driller: Uni-Test Drilling & Inc.
Address: 124 Gray's Ferry Rd.
Eckerson, NJ 08332

COORD #: 31 32 40

Name of Facility: Acauthem
Address: 112 Station Ave.
Franklin Twp., NJ

Diameter of Well(s): 2
Proposed Depth of Well(s): 40 Feet

# of Wells: 5
Applied for (max. 10): If Yes, give pump capacity
Will pumping equipment be utilized? YES □ NO □
Type of Well (see reverse): cumulative GPM

LOCATION OF WELL(S)

Lot # 1
Block # 1
Municipality Hill
County Franklin Twp.

State Atlas Map No. 31

Draw sketch of well(s) nearest roads, buildings, etc. with marked distances in feet. Each well MUST be labeled with a name and/or number on the sketch:

PROPOSED WELL LOCATION (NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _______ EASTING: _______
LATITUDE: _______ OR " " LONGITUDE: _______

FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT. PLEASE INDICATE WHY THE WELLS ARE BEEN INSTALLED:

□ RCRA Site
□ Underground Storage Tank Site
□ Operational Ground Water Permit Site
□ Pretreatment and Residuals Site
□ Water and Hazardous Waste Enforcement Case
□ Water Supply Aquifer Test Observation Well
□ Other (explain)

CASE ID Number

FOR D.E.P. USE
□ Issuance of this permit is subject to the conditions attached. (see next page)
□ For monitoring purposes only

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS PERTAINING TO THIS PERMIT.
In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date 5-10-07
Signature of Driller
Registration No. 2100094392
Signature of Property Owner

COPIES: Water Systems & Well Permitting - White
Health Dept. - Yellow
Owner - Blue
Driller - White
### BOREHOLE DATA

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Diameter (in)</th>
<th>Sampler</th>
<th>Lithology</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>8.25</td>
<td>Split Spoon/Grab Cuttings</td>
<td>Moderate yellowish brown (10YR5/4) coarse to fine SAND, little fine Gravel; dry.</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
</tr>
<tr>
<td>20</td>
<td></td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND; dry.</td>
</tr>
</tbody>
</table>

### WELL DATA

<table>
<thead>
<tr>
<th>Depth to Water (ft)</th>
<th>Total Depth (ft)</th>
<th>Screen Length (ft) /Slot (in)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>30</td>
<td>10/0.010</td>
<td>Sand</td>
</tr>
<tr>
<td>21.8</td>
<td>28.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Completion</th>
<th>PID (ppm)</th>
<th>Original Depth to Water (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; PVC/Flushmount</td>
<td>NA</td>
<td>21</td>
</tr>
</tbody>
</table>

### NOTES:

- **Permit No.:** 3100074388
<table>
<thead>
<tr>
<th>Depth</th>
<th>Lith.</th>
<th>USCS</th>
<th>Interval</th>
<th>Rec.</th>
<th>Blows</th>
<th>PID</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>SP</td>
<td></td>
<td></td>
<td>SP</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) to grayish orange (10YR7/4) coarse to fine SAND; dry.</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>SP</td>
<td></td>
<td></td>
<td>SP</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) to grayish orange (10YR7/4) medium to fine SAND; moist.</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>SP</td>
<td></td>
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<td>SP</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND; moist.</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>SP</td>
<td></td>
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<td>SP</td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND; wet.</td>
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<tr>
<td>35</td>
<td>NA</td>
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<td>NA</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND; wet.</td>
<td></td>
</tr>
</tbody>
</table>

Water Level at 21 ft. bgs.

End of Boring at 30 ft.
### Drill Log

**Client:** New Jersey Department of Environmental Protection  
**Project:** Accutherm  
**Drilling Contractor:** Uni-Tech Drilling  
**Drilling Method:** Hollow Stem Auger  
**Boring No.:** MW02  
**Well No.:** JG322B0  
**Date Started:** 5/29/2007  
**Date Finished:** 5/29/2007  
**Driller:** Mike Bruynel  
**Inspector:** J. Lacanlale

### Borehole Data

<table>
<thead>
<tr>
<th>Depth to Water (ft)</th>
<th>Total Depth (ft)</th>
<th>Screen Length (ft) / Slot (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>30</td>
<td>10/0.010</td>
</tr>
</tbody>
</table>

### Well Data

<table>
<thead>
<tr>
<th>Diameter (in)</th>
<th>Total Depth (ft)</th>
<th>Completion</th>
<th>Sampler</th>
<th>Depth to Water (ft)</th>
<th>Depth to Rock (ft)</th>
<th>Permit No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.25</td>
<td>30</td>
<td>2&quot;PVC/Flushmount</td>
<td>Split Spoon/Grab Cuttings</td>
<td>21</td>
<td>N/A</td>
<td>3100074389</td>
</tr>
</tbody>
</table>

### Notes:

<table>
<thead>
<tr>
<th>Well Construction</th>
<th>Depth</th>
<th>Lithology</th>
<th>Sample Interval</th>
<th>Sample Recovery</th>
<th>Blows/6 in</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>SP</td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Moderate yellowish brown (10YR5/4) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>SP</td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>SP</td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; dry.</td>
<td></td>
</tr>
<tr>
<td>Well</td>
<td>Depth</td>
<td>Lith.</td>
<td>UCS</td>
<td>Interval</td>
<td>Rec.</td>
<td>Bows</td>
<td>PID</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>-------</td>
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<td>-----</td>
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</tr>
<tr>
<td></td>
<td>15</td>
<td>sp</td>
<td></td>
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<td></td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, little fine Gravel; dry.</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>sp</td>
<td>sp</td>
<td></td>
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<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND, trace fine Gravel; wet.</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>sp</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND, trace fine Gravel; wet.</td>
</tr>
</tbody>
</table>

Water Level at 21 ft. bgs.

End of Boring at 30 ft.
<table>
<thead>
<tr>
<th>Well Construction</th>
<th>Depth</th>
<th>Lithology</th>
<th>Sample Interval</th>
<th>Sample Recovery</th>
<th>Blows/6 in</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little fine Gravel; dry.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND, trace fine Gravel; dry.</td>
<td></td>
</tr>
<tr>
<td>Well</td>
<td>Depth</td>
<td>Lith.</td>
<td>USCS</td>
<td>Interval</td>
<td>Rec.</td>
<td>Blows</td>
<td>PID</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>-------</td>
<td>-------</td>
<td>------</td>
<td>----------</td>
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<td>-------</td>
<td>-----</td>
<td>-------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND, trace fine Gravel; dry.</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND, trace fine Gravel; moist.</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND; wet.</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND; wet.</td>
</tr>
</tbody>
</table>

End of Boring at 30 ft. bgs.

Water Level at 22 ft. bgs.
<table>
<thead>
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<th>Depth</th>
<th>Lithology</th>
<th>USCS</th>
<th>Sample Interval</th>
<th>Sample Recovery</th>
<th>Blows/6 in</th>
<th>PIP (ppm)</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little medium to fine Gravel; dry.</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, some coarse to fine Gravel; dry.</td>
<td>Gravelly Sand</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, trace fine Gravel; dry.</td>
<td>Sand</td>
</tr>
<tr>
<td>Depth</td>
<td>Lith.</td>
<td>USCS</td>
<td>Interval</td>
<td>Rec.</td>
<td>Blows</td>
<td>PID</td>
<td>Description</td>
<td>Remarks</td>
<td></td>
</tr>
<tr>
<td>-------</td>
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<td>15</td>
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<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND; dry.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND; wet.</td>
<td>Water Level at 21 ft. bgs.</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND; wet.</td>
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<td></td>
</tr>
<tr>
<td>30</td>
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<td></td>
<td>MW04</td>
<td>End of Boring at 30 ft.</td>
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</table>
### Drilling Log

**Boring No.:** MW05  
**Well No.:** MW05

**Client:** New Jersey Department of Environmental Protection  
**Project:** Accutherm  
**Drilling Contractor:** Uni-Tech Drilling  
**Drilling Method:** Hollow Stem Auger  
**Permit No.:** 3100074392

<table>
<thead>
<tr>
<th>Well Construction</th>
<th>Depth (ft)</th>
<th>Lithology</th>
<th>USCS</th>
<th>Sample Interval</th>
<th>Sample Recovery</th>
<th>Blows/6 in</th>
<th>PID (ppm)</th>
<th>Description</th>
<th>Remarks</th>
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<tbody>
<tr>
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<td>0</td>
<td>SP</td>
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<td></td>
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<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, little medium to fine Gravel; dry.</td>
<td>Sand</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Light brown (5YR5/6) coarse to fine SAND, trace Silt, some coarse to fine Gravel; dry.</td>
<td>Gravelly Sand</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
<td>SP</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1</td>
<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND, trace Gravel; dry.</td>
<td>Sand</td>
</tr>
</tbody>
</table>

**Notes:**

- **Date Started:** 5/30/2007  
- **Date Finished:** 5/30/2007  
- **Driller:** Mike Bruynel  
- **Inspector:** J. Lacanlale  
- **Location:** N/A  
- **Ground Elevation:** 111.86  
- **Toc Elevation:** 113.63  
- **Well No.:** MW05  
- **Drilling Method:** Hollow Stem Auger  
- **Completion:** 2" PVC/Stick-up  
- **Sampler:** Split Spoon/Grab Cuttings  
- **Screen Length (ft)/Slot (in):** 10/0.010
<table>
<thead>
<tr>
<th>Well</th>
<th>Depth</th>
<th>Lith.</th>
<th>USCS</th>
<th>Interval</th>
<th>Rec.</th>
<th>Blows</th>
<th>PID</th>
<th>Description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Dark yellowish orange (10YR6/6) medium to fine SAND; dry.</td>
<td></td>
</tr>
<tr>
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<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND; wet.</td>
<td>Water Level at 21 ft. bgs.</td>
</tr>
<tr>
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<td></td>
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<td></td>
<td>Dark yellowish orange (10YR6/6) coarse to fine SAND; wet.</td>
<td></td>
</tr>
</tbody>
</table>

End of Boring at 30 ft.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

OWNER IDENTIFICATION
NJDEP
Address 401 E. STATE ST.
City Trenton
State New Jersey
Zip Code 08625

WELL LOCATION - If not the same as owner please give address
County Gloucester
Municipality Franklin Twp
Address 162 STATION AVENUE ACCUTHERM
Lot No. 1
Block No. 4111

WELL USE Monitoring

DATE WELL STARTED 5/29/07
DATE WELL COMPLETED 5/29/07

WELL CONSTRUCTION
Total Depth Drilled 30 ft.
Finished Well Depth 28 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well was finished: □ above grade
☑ flush mounted
If finished above grade, casing height (stick up) above land surface ______ ft.
Steel protective casing installed? □ Yes ☑ No
Static Water Level after drilling 21 ft.
Water Level was Measured Using □ Scope
Well was developed for ______ hours at ______ gpm
Method of development □ Pump
Pump Capacity ______ gpm
Pump Type
Drilling Fluid □ NONE □ Type of Rig □ HSA □ CME 75
Health and Safety Plan Submitted? □ Yes ☑ No
Level of Protection used on site (circle one) □ A □ B □ C □ D

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>0</td>
<td>18</td>
<td>2</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 010)</td>
<td>18</td>
<td>28</td>
<td>2</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
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</tr>
<tr>
<td>Gravel Pack</td>
<td>15</td>
<td>30</td>
<td></td>
<td>#1 Sand</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>15</td>
<td></td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

Grouting Method □ Pressure Fracture
Drilling Method □ HSA

GEologic LOG

Note each depth where water was encountered in consolidated formations
0-5' CmF tan-orange sand
5-10' MF tan silty sand w/ small gravels
10-30' CmF tan sand w/ yellow clay
25-30' MF tan sand

AS-BUILT WELL LOCATION (NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: __________ EASTING: __________

OR
LATITUDE: ___ ° ___ ' ___ " LONGITUDE: ___ ° ___ ' ___ "

Drilling Company □ UNI-TECH DRILLING CO INC
Well Driller (Print) □ Michael Conover
Project Driller's Signature □ Michael Conover
Registration No. □ JD 1585 Date 5/30/07

RIGINAL: DEP

COPIES: DRILLER

OWNER

HEALTH DEPARTMENT

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Driller's Signature □ Michael Conover
New Jersey Department of Environmental Protection  
Bureau of Water Allocation  

MONITORING WELL RECORD  

OWNER IDENTIFICATION  
NJDEP  
Address  401 E. STATE ST.  
City  Trenton  
State  New Jersey  
Zip Code  08625  

WELL LOCATION - If not the same as owner please give address  
County  Gloucester  
Municipality  Franklin Twp  
Address  162 STATION AVENUE ACCUTHERM  

WELL USE  Monitoring  

DATE WELL STARTED  5-29-07  
DATE WELL COMPLETED  5-29-07

WELL CONSTRUCTION  
Total Depth Drilled  30 ft.  
Finished Well Depth  28 ft.  
Borehole Diameter:  
Top  8 in.  
Bottom  8 in.  
Well was finished:  
☐ above grade  
☒ flush mounted  
If finished above grade, casing height (stick up) above land surface 0 ft.  
Steel protective casing installed?  
☐ Yes  ☒ No  
Static Water Level after drilling 21 ft.  
Water Level was Measured Using  N- Scope  
Well was developed for  1 hours  
at 2 gpm  
Method of development  Pump  
Pump Capacity  gpm  
Pump Type  
Drilling Fluid  NONE  Type of Rig  CMF 75  
Health and Safety Plan Submitted?  ☒ Yes  
Level of Protection used on site (circle one)  
☐ None  ☐ C  ☐ B  ☐ A

Note: Measure all depths from land surface  

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>0</td>
<td>18</td>
<td>2&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td>28</td>
<td>2&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used</td>
<td>0</td>
<td>18</td>
<td>28</td>
<td>2&quot;</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>15</td>
<td>30</td>
<td>#1 Sand</td>
<td>500</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>15</td>
<td>Neat Cement Bentonite</td>
<td>300 lbs</td>
</tr>
</tbody>
</table>

Grouting Method  Pressure Injection  
Drilling Method  HSA  

GEOLOGIC LOG  
Note each depth where water was encountered in consolidated formations  

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5'</td>
<td>CMF tan-orange sand</td>
</tr>
<tr>
<td>5-10'</td>
<td>MF tan silty sand with trace small gravel</td>
</tr>
<tr>
<td>10-25'</td>
<td>CMF tan sand with silt</td>
</tr>
<tr>
<td>25-30'</td>
<td>tan MF sand</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION  
(NAD 83 HORIZONTAL DATUM)  
NJ STATE PLANE COORDINATE IN US SURVEY FEET  
NORTHING:  
EASTING:  
OR  

LATITUDE: 0° _ _ _ ' " LONGITUDE: 0° _ _ _ "  

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.  

Drilling Company  UNI-TECH DRILLING CO INC  
Well Driller (Print)  Michael Conover  
Driller's Signature  Michael Conover  
Registration No.  11585  Date  5/30/07

RIGINAL: DEP  
COPIES: DRILLER  
OWNER  HEALTH DEPARTMENT  

Well Permit Number  3100074389  
Atlas Sheet Coordinates  3132481
New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

OWNER IDENTIFICATION
NJDEP
Address 401 E. STATE ST.
City Trenton State New Jersey Zip Code 08625

WELL LOCATION - If not the same as owner please give address
County Gloucester Municipality Franklin Twp
Address 162 STATION AVENUE ACCUTHERM

WELL USE Monitoring

DATE WELL STARTED 5-29-07
DATE WELL COMPLETED 5-29-07

WELL CONSTRUCTION
Total Depth Drilled 30 ft.
Finished Well Depth 20 ft.
Borehole Diameter:
   Top 8 in.
   Bottom 8 in.
Well was finished: [ ] above grade [ ] flush mounted
If finished above grade, casing height (stick up) above land surface 2 ft.
Steel protective casing installed? [ ] Yes [ ] No
Static Water Level after drilling 21 ft.

Water Level was Measured Using
   [ ] Scope

Well was developed for 1 hours at 2 gpm
Method of development
   [ ] Pump

Pump Capacity [ ] gpm
Pump Type [ ] none
Drilling Fluid [ ] none Type of Rig [ ] CME 75

Health and Safety Plan Submitted? [ ] Yes [ ] No
Level of Protection used on site (circle one)
   [ ] A [ ] B [ ] C [ ] D

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company UNI-TECH DRILLING CO INC
Well Driller (Print) Michael Conover
Driller's Signature Michael Conover
Registration No. JD1585 Date 5/30/07

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations

0-5' CME tan-orange sand
5-10' MF tan silty sand
10-25' CME tan sand w/silt
25-30' tan MF sand

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: _______ EASTING: _______

OR

LATITUDE: _____ °' _____ " LONGITUDE: _____ °' _____ "

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

MONITORING WELL RECORD

MONITORING WELL

OWNER IDENTIFICATION
NJDEP
Address 401 E. STATE ST.
City Trenton
State New Jersey
Zip Code 08625

WELL LOCATION - If not the same as owner please give address
County Gloucester
Municipality Franklin Twp
Address 162 STATION AVENUE ACCUTHERM

WELL USE Monitoring

WELL CONSTRUCTION
Total Depth Drilled 30 ft.
Finished Well Depth 28 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well was finished: [✓] above grade [☐] flush mounted
If finished above grade, casing height (stick up) above land surface 2 ft.
Steel protective casing installed? [✓] Yes [☐] No

Static Water Level after drilling 21 ft.
Water Level was Measured Using: m:Scope
Well was developed for 1 hours at 2 gpm
Method of development: Pump
Pump Capacity: _____ gpm
Pump Type: _____
Drilling Fluid: None
Type of Rig: EMU 15
Health and Safety Plan Submitted? [✓] Yes [☐] No
Level of Protection used on site (circle one): None (D) (C) (B) (A)

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNI-TECH DRILLING CO INC
Well Driller (Print): Michael Conover
Driller's Signature: Michael Conover
registration No.: JD 1585 Date: 5/30/07

DATE WELL STARTED: 5-30-07
DATE WELL COMPLETED: 5-30-07

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Well Depth</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>10</td>
<td>18</td>
<td>2.1</td>
<td>PVC</td>
<td>750</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td>18</td>
<td>28</td>
<td>2.0</td>
<td>PVC</td>
<td>750</td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used: 0.10)</td>
<td>18</td>
<td>28</td>
<td>2.0</td>
<td>PVC</td>
<td>750</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>15</td>
<td>30</td>
<td></td>
<td></td>
<td>500</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>15</td>
<td></td>
<td>Neat Cement Bentonite</td>
<td>300 (lbs) 25 (lbs)</td>
</tr>
</tbody>
</table>

Grouting Method: Pressure Grouting
Drilling Method: HSA

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations

0-15': CMF tan sand
15-25': MF silty sand tan
25-30': CMF tan sand with small gravel

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: ___________ EASTING: ___________
OR
LATITUDE: 0° ___' ___" LONGITUDE: ___° ___' ___"

ORIGINAL: DEP COPIES: DRILLER
OWNER HEALTH DEPARTMENT
**New Jersey Department of Environmental Protection**  
**Bureau of Water Allocation**  
**MONITORING WELL RECORD**

**ADDRESS:** 401 E. STATE ST.  
**City:** Trenton  
**State:** New Jersey  
**Zip Code:** 08625  

**WELL LOCATION** - If not the same as owner please give address  
**County:** Gloucester  
**Municipality:** Franklin Twp  
**Lot No.:** 1  
**Block No.:** 4111  
**Address:** 162 STATION AVENUE ACCUTHERM

**WELL USE:** Monitoring

**DATE WELL STARTED:** 5-30-07  
**DATE WELL COMPLETED:** 5-30-07

---

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Total Depth Drilled</th>
<th>30 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finished Well Depth</td>
<td>28 ft.</td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8 in.</td>
</tr>
<tr>
<td>Bottom</td>
<td>8 in.</td>
</tr>
<tr>
<td>Well was finished:</td>
<td>above grade</td>
</tr>
<tr>
<td>Casing height</td>
<td>2 ft.</td>
</tr>
</tbody>
</table>

- Above grade  
- Protective casing installed? [ ] Yes [x] No
- Static Water Level after drilling 21 ft.
- Water Level was Measured Using M-Scope
- Well was developed for 1 hours at 2 gpm
- Method of development: PUMP
- Pump Capacity: 2 gpm
- Pump Type: none
- Drilling Fluid: none
- Type of Rig: CME 75
- Health and Safety Plan Submitted? [ ] Yes [x] No
- Level of Protection used on site (circle one): D C B A

---

### GEOLCSRLOG

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>18</td>
<td>2'</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>18</td>
<td>28</td>
<td>2'</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>18</td>
<td>28</td>
<td>2'</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>15</td>
<td>38</td>
<td>2'</td>
<td>#1 Sand</td>
<td>500</td>
</tr>
<tr>
<td>0</td>
<td>15</td>
<td>Neat Cement</td>
<td></td>
<td>300 lbs</td>
</tr>
</tbody>
</table>

- Grouting Method: Pressure Grouting
- Drilling Method: H  0A

---

### GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Formations</th>
<th>Depth (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-15' CMF tan sand</td>
<td>0-15'</td>
<td></td>
</tr>
<tr>
<td>15-25' MF silty tan sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25-30' CMF tan sand</td>
<td>25-30'</td>
<td></td>
</tr>
<tr>
<td>w/l small gravel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company:** UNI-TECH DRILLING CO INC  
**Well Driller (Print):** Michael Conover  
**Driller's Signature:** Michael Conover  
**Registration No.:** JD 1585  
**Date:** 5-30-07

---

**AS-BUILT WELL LOCATION**  
(NAD 83 HORIZONTAL DATUM)

**NJ STATE PLANE COORDINATE IN US SURVEY FEET**

**NORTHING:**        **EASTING:**  
**OR**

**LATITUDE:** 0° _ _ "  
**LONGITUDE:** 0° _ _ "

**ORIGINAL: DEP**  
**COPIES:** DRILLER  
**OWNER**  
**HEALTH DEPARTMENT**
MONITORING WELL CERTIFICATION - FORM A - AS- BUILT CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm, Inc. Site
Location: Franklin Township, New Jersey
UST Registration No.: NA

CERTIFICATION
Well Permit Number: 3100074388
Well Completion Date: 5/29/2007
Owner's Well Number: MW01
Lithologic Log: Attach

Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot):
0.30
Total Depth of Well to the nearest 1/2 foot:
28.0
Depth to Top of Screen (or Top of Open Hole)
From Top of Casing (one-hundredth of a foot):
17.70
Screen Length (or length of open hole) in feet:
10
Screen or Slot Size:
.010
Screen or Slot Material:
Sch. 40 PVC
Casing Material: (PVC, Steel or Other-Specify)
Sch. 40 PVC
Casing Diameter (Inches):
2
Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot):
21.80
Yield (gallons per minute):
1.67
Development Technique (specify):
Submersible Pump
Length of Time Well is Developed/Pumped or Bailed:
1.5 hours

Authentication
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Timothy J. Dempsey
Name (Type or Print) - Signature

PG 004767
Certification or License No.
MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm, Inc. Site
Location: Franklin Township, New Jersey
UST Registration No.: NA

CERTIFICATION
Well Permit Number: 3100074389
Well Completion Date: 5/29/2007
Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): 0.28

Owner's Well Number: MW02
Lithologic Log: Attach

Total Depth of Well to the nearest 1/2 foot: 28.0
Depth to Top of Screen (or Top of Open Hole)
From Top of Casing (one-hundredth of a foot): 17.72
Screen Length (or length of open hole) in feet: 10
Screen or Slot Size: .010
Screen or Slot Material: Sch. 40 PVC
Casing Material: (PVC, Steel or Other-Specify) Sch. 40 PVC
Casing Diameter (inches): 2
Static Water Level From Top of Casing at the Time of installation (one-hundredth of a foot): 22.50
Yield (gallons per minute): 2.0
Development Technique (specify): Submersible Pump
Length of Time Well is Developed/Pumped or Bailed: 2 hours

Authentication
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Timothy J. Dempsey
Name (Type or Print) Signature

PG 004767
Certification or License No.
MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm, Inc. Site
Location: Franklin Township, New Jersey
UST Registration No.: NA
BUST case No.: NA

CERTIFICATION
Well Permit Number: 3100074390
Well Completion Date: 5/29/2007
Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): ___________ 1.51
Total Depth of Well to the nearest 1/2 foot: ___________ 28.0
Depth to Top of Screen (or Top of Open Hole)
From Top of Casing (one-hundredth of a foot): ___________ 19.51
Screen Length (or length of open hole) in feet: ___________ 10
Screen or Slot Size: ___________ .010
Screen or Slot Material: ___________ Sch. 40 PVC
Casing Material: (PVC, Steel or Other-Specify) ___________ Sch. 40 PVC
Casing Diameter (inches): ___________ 2
Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): ___________ 22.50
Yield (gallons per minute): ___________ 1.75
Development Technique (specify): ___________ Submersible Pump
Length of Time Well is Developed/Pumped or Bailed: ___________ 40 minutes

Authentication
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Timothy J. Dempsey
Name (Type or Print)  Signature

PG 004767
Certification or License No.

Seal
MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm, Inc. Site
Location: Franklin Township, New Jersey
UST Registration No.: NA BUST case No.: NA

CERTIFICATION
Well Permit Number: 3100074391 Owner's Well Number: MW04
Well Completion Date: 5/30/2007 Lithologic Log: Attach
Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): 1.70
Total Depth of Well to the nearest 1/2 foot: 28.0
Depth to Top of Screen (or Top of Open Hole)
From Top of Casing (one-hundredth of a foot): 19.70
Screen Length (or length of open hole) in feet: 10
Screen or Slot Size: .010
Screen or Slot Material: Sch. 40 PVC
Casing Material: (PVC, Steel or Other-Specify) Sch. 40 PVC
Casing Diameter (inches): 2
Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): 24.00
Yield (gallons per minute): 2.2
Development Technique (specify): Submersible Pump
Length of Time Well is Developed/Pumped or Bailed: 1 hour

Authentication
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Timothy J. Dempsey
Name (Type or Print) Signature

PG 004767
Certification or License No.

Seal
MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm, Inc. Site
Location: Franklin Township, New Jersey
UST Registration No.: NA  BUST case No.: NA

CERTIFICATION

<table>
<thead>
<tr>
<th>Well Permit Number: 3100074392</th>
<th>Owner’s Well Number: MW05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Completion Date: 5/30/2007</td>
<td>Lithologic Log: Attach</td>
</tr>
<tr>
<td>Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot):</td>
<td>1.77</td>
</tr>
<tr>
<td>Total Depth of Well to the nearest 1/2 foot:</td>
<td>28.0</td>
</tr>
<tr>
<td>Depth to Top of Screen (or Top of Open Hole):</td>
<td></td>
</tr>
<tr>
<td>From Top of Casing (one-hundredth of a foot):</td>
<td>19.77</td>
</tr>
<tr>
<td>Screen Length (or length of open hole) in feet:</td>
<td>10</td>
</tr>
<tr>
<td>Screen or Slot Size:</td>
<td>.010</td>
</tr>
<tr>
<td>Screen or Slot Material:</td>
<td>Sch. 40 PVC</td>
</tr>
<tr>
<td>Casing Material: (PVC, Steel or Other-Specify)</td>
<td>Sch. 40 PVC</td>
</tr>
<tr>
<td>Casing Diameter (inches):</td>
<td>2</td>
</tr>
<tr>
<td>Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot):</td>
<td>23.70</td>
</tr>
<tr>
<td>Yield (gallons per minute):</td>
<td>2.0</td>
</tr>
<tr>
<td>Development Technique (specify):</td>
<td>Submersible Pump</td>
</tr>
<tr>
<td>Length of Time Well is Developed/Pumped or Bailed:</td>
<td>1 hour</td>
</tr>
</tbody>
</table>

Authentication

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Timothy J. Dempsey  [Signature]
Name (Type or Print)

PG 004767
Certification or License No.
MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm Site
Location: Franklin Township, New Jersey
Case Number(s): NA (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION
Well Permit Number: 3100074388
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): MW_-1

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 075-04-10.2
Latitude: North 39-36-12.72

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 281015.89
East 331666.02

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'):

111.83

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

ON SITE BENCHMARK MGPS-1001 (ELEV. 112.70, NAVD88) EST. FROM NJGC CORS ARP

Significant observations and notes:

______________________________________________________________

______________________________________________________________

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

SEAL

PROFESSIONAL LAND SURVEYOR'S SIGNATURE

DATE

10/3/07

MICHAEL F. BURNS, PLS
PROFESSIONAL LAND SURVEYOR'S LICENSE NUMBER 34841
MASER CONSULTING, P.A.
100 AMERICAN METRO BOULEvard, SUITE 152
HAMILTON, NJ 08619 (609-587-8200)
MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner:  New Jersey Department of Environmental Protection
Name of Facility:  Former Accutherm Site
Location:  Franklin Township, New Jersey

Case Number(s):  NA  (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION

Well Permit Number:  3100074389
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans):  MW-2

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude:  West _075-04-09.3______  Latitude:  North _39-36-12.70_______

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North _281012.85_______  East _331736.60_______

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'):

_112.59____________

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

ON SITE BENCHMARK MGPS-1001 (ELEV. 112.70, NAVD88) EST. FROM NJGC CORS ARP____

Significant observations and notes: ________________________________

______________________________________________________________

AUTHENTICATION

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PROFESSIONAL LAND SURVEYOR'S SIGNATURE  10/3/07

DATE

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MASER CONSULTING, P.A.
100 AMERICAN METRO BOULEVARD, SUITE 152
HAMILTON, NJ 08619 (609-587-8200)
MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm Site
Location: Franklin Township, New Jersey
Case Number(s): NA (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION
Well Permit Number: 3100074390
(This number must be permanently affixed to the well casing.)
Owners Well Number (As shown on application or plans): MW-3
Geographic Coordinate NAD 83 (to nearest 1/10 of second):
Longitude: West 075-04-09.6 Latitude: North 39-36-11.6
New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:
North 280905.07 East 331718.32
Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'):
112.31
Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)
ON SITE BENCHMARK MGPS-1001 (ELEV. 112.70, NAVD88) EST. FROM NJGC CORS ARP

Significant observations and notes: 

AUTHENTICATION

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PROFESSIONAL LAND SURVEYOR'S SIGNATURE

DATE

MICHAEL F. BURNS, PLS
PROFESSIONAL LAND SURVEYOR'S LICENSE NUMBER 34841
MASER CONSULTING, P.A.
100 AMERICAN METRO BOULEVARD, SUITE 152
HAMILTON, NJ 08619 (609-587-8200)
MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm Site
Location: Franklin Township, New Jersey
Case Number(s): NA (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR’S CERTIFICATION
Well Permit Number: 3100074391
(This number must be permanently affixed to the well casing.)
Owners Well Number (As shown on application or plans): MW-.4
Geographic Coordinate NAD 83 (to nearest 1/10 of second):
Longitude: West _075-04-08.6 Latitude: North _39-36-12.9
New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:
North _281035.66 East _331796.05
Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01’): 114.02
Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site
datum is used, identify here, assume datum of 100’, and give approximated actual elevation.)

ON SITE BENCHMARK MGPS-1001 (ELEV. 112.70, NAVD88) EST. FROM NJGC CORS ARP

Significant observations and notes:

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100 AMERICAN METRO BOULEVARD, SUITE 152
HAMILTON, NJ 08619 (609-587-8200)
MONITORING WELL CERTIFICATION FORM B - LOCATION CERTIFICATION

Name of Owner: New Jersey Department of Environmental Protection
Name of Facility: Former Accutherm Site
Location: Franklin Township, New Jersey

Case Number(s): NA (UST #, ISRA #, Incident #, or EPA #)

LAND SURVEYOR'S CERTIFICATION
Well Permit Number: 3100074392
(This number must be permanently affixed to the well casing.)

Owners Well Number (As shown on application or plans): MW-5

Geographic Coordinate NAD 83 (to nearest 1/10 of second):

Longitude: West 075-04-08.1 North 39-36-12.5

New Jersey State Plane Coordinates NAD 83 to nearest 10 feet:

North 280992.46 East 331830.52

Elevation of Top of Inner Casing (cap off) at reference mark (nearest 0.01'):

113.63

Source of elevation datum (benchmark, number/description and elevation/datum. If an on-site datum is used, identify here, assume datum of 100', and give approximated actual elevation.)

ON SITE BENCHMARK MGPS-1001 (ELEV. 112.70, NAVD88) EST. FROM NJGC CORS ARP

Significant observations and notes: 

__________________________

AUTHENTICATION

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SEAL

__________________________  10/3/07
PROFESSIONAL LAND SURVEYOR'S SIGNATURE  DATE

MICHAEL F. BURNS, PLS
PROFESSIONAL LAND SURVEYOR'S LICENSE NUMBER 34841
MASER CONSULTING, P.A.
100 AMERICAN METRO BOULEVARD, SUITE 152
HAMILTON, NJ 08619 (609-587-8200)
## LOW FLOW SAMPLING
### DATA SHEET

**SITE:**  Former Accutherm Site  
**CONSULTING FIRM:**  The Louis Berger Group  
**DATE:**  6/18/2007  
**FIELD PERSONNEL:**  J. Lacanlale, G. Sorkin  
**WEATHER:**  Sunny, 90° F  

<table>
<thead>
<tr>
<th>MONITOR WELL #</th>
<th>WELL PERMIT #</th>
<th>WELL DIAMETER</th>
<th>SCREENED/OPEN INTERVAL</th>
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<th>WATER QUALITY METER &amp; SERIAL No.</th>
<th>Horiba U-22</th>
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<th>PUMP INTAKE DEPTH</th>
<th>DEPTH TO WATER BEFORE PUMP INSTALLATION</th>
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<tr>
<td>0</td>
<td>25' ft below TOC</td>
<td>21.8 ft below TOC</td>
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</tbody>
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**WELL DEPTH:** 28.49 ft  
**WELL DIAMETER:** 2"  
**SCREENED/OPEN INTERVAL:** 10'  

<table>
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<th>TIME</th>
<th>pH (pH units)</th>
<th>SPECIFIC CONDUCTIVITY (Ms/cm)</th>
<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
<th>TURBIDITY (NTU)</th>
<th>TEMPERATURE (degrees C)</th>
<th>PUMPING RATE (ml/min)</th>
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**COMMENTS:** Sample MW-1 collected at 1135 for TCL VO+10 and PP Metals

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity*
LOW FLOW SAMPLING
DATA SHEET

SITE: Former Accutherm Site
CONSULTING FIRM: The Louis Berger Group

DATE: 6/18/2007
FIELD PERSONNEL: J. Lacanlale, G. Sorkin

WEATHER: Sunny, 90° F

MONITOR WELL #: MW-2
WELL DEPTH: 28.1
WELL DIAMETER: 2"
SCREENED/OPEN INTERVAL: 10'
WELL PERMIT #: ___________

WATER QUALITY METER & SERIAL No.: Horiba U-22

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<th>CONDUCTIVITY (Ms/cm)</th>
<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
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COMMENTS: High turbidity observed throughout purging duration. Readings out of range.
Sample MW-2 collected at 1455 for TCL VO+10 and PP Metals

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity.
## LOW FLOW SAMPLING DATA SHEET

**SITE:** Former Accutherm Site

**CONSULTING FIRM:** The Louis Berger Group

**DATE:** 6/18/2007

**FIELD PERSONNEL:** J. Lacanlale, G. Sorkin

**WEATHER:** Sunny, 90° F

**MONITOR WELL #:** MW-3

**WELL DEPTH:** 30.32 ft

**WELL PERMIT #:** 

**WELL DIAMETER:** 2"

**SCREENED/OPEN INTERVAL:** 10'

**WATER QUALITY METER & SERIAL No.:** Horiba U-22

**PID BACKGROUND:** 0

**PUMP INTAKE DEPTH:** 26' ft below TOC

**PID BENEATH OUTER CAP:** 0

**PID BENEATH INNER CAP:** 0

**DEPTH TO WATER BEFORE PUMP INSTALLATION:** 22.54 ft below TOC

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<th>Specific Conductivity reading</th>
<th>Specific Conductivity change*</th>
<th>Redox Potential reading</th>
<th>Redox Potential change*</th>
<th>Dissolved Oxygen reading</th>
<th>Dissolved Oxygen change*</th>
<th>Turbidity reading</th>
<th>Turbidity change*</th>
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<td>0</td>
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<td>9.80</td>
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<td>16.5</td>
<td>-0.18</td>
</tr>
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</table>

**COMMENTS:** Sample MW-3 collected at 1710 for TCL VO+10 and PP Metals

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity
**LOW FLOW SAMPLING**

**DATA SHEET**

**SITE:** Former Accutherm Site  
**CONSULTING FIRM:** The Louis Berger Group  
**DATE:** 6/19/2007  
**FIELD PERSONNEL:** J. Lacanlale, G. Sorkin  
**WEATHER:** Sunny, 90° F

**MONITOR WELL #:** MW-4  
**WELL DEPTH:** 30.33 ft

**WELL PERMIT #:**  
**WELL DIAMETER:** 2"  
**SCREENED/OPEN INTERVAL:** 10'

**WATER QUALITY METER & SERIAL No.:** Horiba U-22  
**PID BACKGROUND:** 0  
**PUMP INTAKE DEPTH:** 27' ft below TOC  
**PID BENEATH OUTER CAP:** 0  
**PID BENEATH INNER CAP:** 0  
**DEPTH TO WATER BEFORE PUMP INSTALLATION:** 23.97 ft below TOC

<table>
<thead>
<tr>
<th>TIME</th>
<th>pH (pH units)</th>
<th>SPECIFIC CONDUCTIVITY (Ms/cm)</th>
<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
<th>TURBIDITY (NTU)</th>
<th>TEMPERATURE (degrees C)</th>
<th>PUMPING RATE (ml/min)</th>
<th>DEPTH TO WATER (ft below TOC)</th>
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</thead>
<tbody>
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<td>-0.79</td>
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<td>NA</td>
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<tr>
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<td>0.77</td>
<td>0.02</td>
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<td>925</td>
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<td>220</td>
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<td>2.52</td>
<td>6.2</td>
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</table>

**COMMENTS:** Sample MW-4 collected at 930 for TCL VO+10 and PP Metals

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity*
**LOW FLOW SAMPLING**

**DATA SHEET**

**SITE:** Former Accutherm Site

**CONSULTING FIRM:** The Louis Berger Group

**DATE:** 6/19/2007

**FIELD PERSONNEL:** J. Lacanlale, G. Sorkin

**WEATHER:** Sunny, 90° F

**MONITOR WELL #:** MW-5

**WELL DEPTH:** 30.21

**WELL PERMIT #:** ___________

**WELL DIAMETER:** 2"

**SCREENED/OPEN INTERVAL:** 10'

**WATER QUALITY METER & SERIAL No.:** Horiba U-22

**PID BACKGROUND :** 0

**PUMP INTAKE DEPTH:** 27' ft below TOC

**PID BENEATH OUTER CAP:** 0

**DEPTH TO WATER BEFORE PUMP INSTALLATION:** 23.73 ft below TOC

<table>
<thead>
<tr>
<th>TIME</th>
<th>pH (pH units)</th>
<th>SPECIFIC CONDUCTIVITY (Ms/cm)</th>
<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
<th>TURBIDITY (NTU)</th>
<th>TEMPERATURE (degrees C)</th>
<th>PUMPING RATE (ml/min)</th>
<th>DEPTH TO WATER (ft below TOC)</th>
</tr>
</thead>
<tbody>
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<td>214 0</td>
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</tr>
<tr>
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<td>16.0 0.25</td>
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<tr>
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<td>130 8</td>
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<td>200</td>
<td>23.82</td>
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</table>

**COMMENTS:** Sample MW-5 collected at 1055 for TCL VO+10 and PP Metals

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity*
## Low Flow Sampling Data Sheet

**Site:** Former Accutherm Site  
**Consulting Firm:** The Louis Berger Group  
**Date:** 7/31/2007  
**Field Personnel:** R. Malaniak, K. Baltadonis  
**Weather:** Sunny, 90° F

**Monitor Well #:** MW-1  
**Well Depth:** 28.49 ft  
**Well Permit #:**  
**Well Diameter:** 2”  
**Screened/Open Interval:** 10’

**Water Quality Meter & Serial No.:** Horiba U-22  
**PID Background:** <1  
**PID Beneath Outer Cap:** <1  
**PID Beneath Inner Cap:** 1.1  
**Pump Intake Depth:** 25’ ft below TOC  
**Depth to Water Before Pump Installation:** 23.3 ft below TOC

<table>
<thead>
<tr>
<th>TIME</th>
<th>pH (pH units)</th>
<th>Specific Conductivity (Ms/cm)</th>
<th>Redox Potential (mv)</th>
<th>Dissolved Oxygen (mg/l)</th>
<th>Turbidity (NTU)</th>
<th>Temperature (degrees C)</th>
<th>Pumping Rate (ml/min)</th>
<th>Depth to Water (ft below TOC)</th>
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</thead>
<tbody>
<tr>
<td>1143</td>
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<td>NA</td>
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<tr>
<td>1203</td>
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<td>0.01</td>
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<td>-0.01</td>
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</table>

**Comments:** Sample @ 1220  
**Final DTW=23.25’**

**Analysis:** TCL VOC+10, PPMETALS

*Indicator parameters have stabilized when 3 consecutive readings are within: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity
**LOW FLOW SAMPLING**

**DATA SHEET**

**SITE:** Former Accutherm Site  
**CONSULTING FIRM:** The Louis Berger Group  
**DATE:** 7/31/2007  
**FIELD PERSONNEL:** R. Malaniak, K. Baltadonis  
**WEATHER:** Sunny, 90°F

**MONITOR WELL #:** MW-2  
**WELL DEPTH:** 28.1 ft  
**WELL DIAMETER:** 2"  
**SCREENED/OPEN INTERVAL:** 10'

**WATER QUALITY METER & SERIAL No.:** Horiba U-22  
**PID BACKGROUND:** <1  
**PUMP INTAKE DEPTH:** 25’ ft below TOC

<table>
<thead>
<tr>
<th>TIME</th>
<th>pH (pH units)</th>
<th>SPECIFIC CONDUCTIVITY (Ms/cm)</th>
<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
<th>TURBIDITY (NTU)</th>
<th>TEMPERATURE (degrees C)</th>
<th>PUMPING RATE (ml/min)</th>
<th>DEPTH TO WATER (ft below TOC)</th>
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<tbody>
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<td>953</td>
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<td>999 0</td>
<td>20.8 -0.57</td>
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**COMMENTS:** High turbidity observed throughout purging duration. Readings out of range

Sample @ 1040 Final DTW=25.20

**ANALYSIS:**

TCL VOC+10, PPMETALS

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity
LOW FLOW SAMPLING
DATA SHEET

SITE: Former Accutherm Site
CONSULTING FIRM: The Louis Berger Group
DATE: 7/31/2007
FIELD PERSONNEL: R. Malaniak, K. Baltadonis
WEATHER: Sunny, 90° F

MONITOR WELL #: MW-3
WELL DEPTH: 30.32
WELL DIAMETER: 2"
SCREENED/OPEN INTERVAL: 10'
WELL PERMIT #: ___________

WATER QUALITY METER & SERIAL No.: Horiba U-22

<table>
<thead>
<tr>
<th>PID BACKGROUND</th>
<th>PID BENEATH OUTER CAP</th>
<th>PID BENEATH INNER CAP</th>
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</thead>
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<td>&lt;1</td>
<td>&lt;1</td>
<td>1.2</td>
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</tbody>
</table>

PUMP INTAKE DEPTH: 27 ft below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 23.95 ft below TOC

<table>
<thead>
<tr>
<th>TIME</th>
<th>pH (pH units)</th>
<th>SPECIFIC CONDUCTIVITY (Ms/cm)</th>
<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
<th>TURBIDITY (NTU)</th>
<th>TEMPERATURE (degrees C)</th>
<th>PUMPING RATE (ml/min)</th>
<th>DEPTH TO WATER (ft below TOC)</th>
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</thead>
<tbody>
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<td>0.06</td>
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<tr>
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<td>284</td>
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<td>2.30</td>
<td>0</td>
<td>240</td>
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COMMENTS: Sample @ 1245 Final DTW=24.30’ DUP01 TAKEN ON THIS WELL
ANALYSIS: TCL VOC+10, PP METALS

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity
**LOW FLOW SAMPLING**

**DATA SHEET**

**SITE:** Former Accutherm Site  
**CONSULTING FIRM:** The Louis Berger Group  
**DATE:** 7/31/2007  
**FIELD PERSONNEL:** R. Malaniak, K. Baltadonis  
**WEATHER:** Sunny, 90° F  
**MONITOR WELL #:** MW-4  
**WELL DEPTH:** 30.33 ft  
**WELL DIAMETER:** 2”  
**SCREENED/OPEN INTERVAL:** 10’  
**WATER QUALITY METER & SERIAL No.:** Horiba U-22  
**PID BACKGROUND :** <1  
**PUMP INTAKE DEPTH:** 27.5 ft below TOC  
**PUMP BENEATH OUTER CAP: <1**  
**PUMP BENEATH INNER CAP: 2.3**  

**DEPTH TO WATER BEFORE PUMP INSTALLATION:** 25.41 ft below TOC

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<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
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**COMMENTS:** Sample @ 1515 Final DTW=25.51’  
**ANALYSIS:** TCL VOC+10, PPMEALS  

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity
**LOW FLOW SAMPLING**

**DATA SHEET**

**SITE:** Former Accutherm Site  
**CONSULTING FIRM:** The Louis Berger Group

**DATE:** 7/31/2007  
**FIELD PERSONNEL:** R. Malaniak, K. Baltadonis

**WEATHER:** Sunny, 90° F

**MONITOR WELL #:** MW-5  
**WELL DEPTH:** 30.21

**WELL PERMIT #:**  
**WELL DIAMETER:** 2"  
**SCREENED/OPEN INTERVAL:** 10'

**WATER QUALITY METER & SERIAL No.:** Horiba U-22

**PID BACKGROUND:** 0  
**PUMP INTAKE DEPTH:** 28 ft below TOC

**PID BENEATH OUTER CAP:** 0  
**PID BENEATH INNER CAP:** 0  
**DEPTH TO WATER BEFORE PUMP INSTALLATION:** 25.1 ft below TOC

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<th>pH (pH units)</th>
<th>SPECIFIC CONDUCTIVITY (Ms/cm)</th>
<th>REDOX POTENTIAL (mv)</th>
<th>DISSOLVED OXYGEN (mg/l)</th>
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**COMMENTS:** Sample @ 1050  Final DTW=25.18

**ANALYSIS:** TCL VOC+10, PPMETALS

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ±0.1 for pH; ±3% for Specific Conductivity and Temperature; ±10 mv for Redox Potential; and ±10% for Dissolved Oxygen and Turbidity
**WELL RECORD**

**Owner:** LOCKEE, LILLIAN  
**Address:** 908 PORCHTOWN RD  
**City:** FRANKLINVILLE  
**County:** GLOUCESTER  
**Municipality:** FRANKLIN TWP  
**Lot No.:** 3  
**Block No.:** 3503  
**Well Use:** DOMESTIC REPLACEMENT  
**Well Permit Number:** 31 61223  
**Atlas Sheet Coordinates:** 31 32 783  
**Owner's Well No.:** 1  
**DATE WELL STARTED:** 7/18/01  
**DATE WELL COMPLETED:** 7/18/01  

### WELL CONSTRUCTION

- **Total Depth Drilled:** 122 ft.  
- **Finished Well Depth:** 122 ft.  
- **Borehole Diameter:**  
  - Top: 8 in.  
  - Bottom: 8 in.  
- **Well Casing Begins:**  
  - 1 ft. above grade or  
  - ___ ft. below grade  

### RECORDE OF TEST

- **Test Date:** 7/18/01  
- **Static Water Level:** 15 ft. below land surface  
- **Water Level Measured Using:** lift/pump  
- **Pumping Water Level:** 23 ft. below land surface  
- **Well Was Pumped Using:** submersible  
- **Well Yield:** 20 gpm  
- **If Pump Tested:**  
  - Discharge Rate: ___ gpm  
  - Duration of Test: 1 hours  

### PERMANENT PUMPING EQUIPMENT

- **Installed by:** R.D'Agostino  
  - Reg. No.: PIO774  
- **Pump Type:** Submersible  
- **Depth of Pump below land surface:** 35 ft.  
- **Capacity:** 10 gpm  
- **Horsepower:** 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.  

**Drilling Company:** D'AGOSTINO WELL DRILLING  
**Well Driller (Print):** Paul Belan  
**Driller's Signature:**  
**Registration No.:** 1027  
**Date:** 7/23/01  

**COPIES:**  
- White – DEP  
- Canary – Driller  
- Pink – Owner  
- Goldenrod – Health Dept.

### GEOFLOGIC LOG

Note depths where water was encountered in consolidated formations.  

- 0'- 2'topsoil brown  
- 2'- 12'sandy gravel yellow brown  
- 12'- 14'clay yellow brown  
- 14'- 53'sand coarse to gravel yellow to light brown  
- 53'- 59'clay orange & yellow brown  
- 59'- 76'sand coarse to med. yellow to lt. brown  
- 76'-102'sand med. to fine yellow to med. streaks clay  
- 102'-112'sand fine to med. grey  
- 112'-122'sand med. some coarse lt. brownish grey

### AS-BUILT WELL LOCATION  
(NAD 83 HORIZONTAL DATUM)  
NJ STATE PLANE COORDINATE IN US SURVEY FEET

**NORTHING:**  
**EASTING:**  
**OR**  
**LATITUDE:** 0°___'___"  
**LONGITUDE:** 0°___'___"
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER ANTHONY & BEATRICE FRABIZIO
Address 1070 PORCHTOWN ROAD
City Franklinville State New Jersey Zip Code 08322

WELL LOCATION ADDRESS 1070 PORCHTOWN ROAD
County Gloucester Municipality Franklin Twp Lot No. 16 Block No. 3503

WELL USE Domestic Replacement

DATE WELL STARTED 5/4/04
DATE WELL COMPLETED 5/4/04

WELL CONSTRUCTION
Total Depth Drilled 82 ft.
Finished Well Depth 82 ft.
Borehole Diameter:
  Top 82 in.
  Bottom 82 in.
Well Casing Begins:
  1 ft. above grade or
  ft. below grade

Note: Measure all depths from land surface
Depth to Top (ft.) Depth to Bottom (ft.) Diameter (inches) Material Wgt./Rating (lbs/sch no.)
Single/Inner Casing +1 75 4 PVC Sch. 40
Middle Casing (for triple cased wells only)
Outer Casing (largest diameter)
Open Hole or Screen (No. Used ) 75 82 4 PVC Sch. 40
Blank Casings (No. Used )
Tail Piece
Gravel Pack 73 82 #2 sand
Grout 3.5 73 Neat Cement Bentonite lbs 350 lbs

RECORD OF TEST
Test Date 5 / 4 / 04
Static Water Level 17 ft. below land surface
Water Level Measured Using lift/pump
Pumping Water Level 27 ft. below land surface
Well Was Pumped Using Submersible
Well Yield 20 gpm
If Pump Tested Discharge Rate gpm
Duration of Test 1 hours

PERMANENT PUMPING EQUIPMENT
Installed by R.D'Agostino Reg. No. 195455
Pump Type Submersible
Depth of Pump below land surface 37 ft.
Capacity 12 gpm Horsepower 3/4

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company D'AGOSTINO WELL DRILLING
Well Driller (Print) Paul Belan
Driller's Signature
Registration No. 1027 Date 5/4-81-04

ORIGINAL: DEP COPIES: DRILLER

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

0' - 2' topsoil brown
2' - 11' gravelly clay ornage to yellow brown
11' - 16' clay yellow brown
16' - 38' sand med. to coarse yellow brown
38' - 41' clay yellow brown & white
41' - 65' sand med. some fine yellow brown
65' - 73' clay yellow brown to grey
73' - 82' sand med. yellow to light brown

AS-BUILT WELL LOCATION (NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: ___________ EASTING: ___________
OR
LATITUDE: ___________ LONGITUDE: ___________

OWNER HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER GEORGE GOEBEL

Address 950 PORCHTOWN RD.

City Franklinville

State New Jersey

Zip Code 08322

WELL LOCATION ADDRESS 950 PORCHTOWN RD.

County Gloucester

Municipality Franklin Twp

Lot No. 7

Block No. 3503

WELL USE Domestic Replacement

DATE WELL STARTED 9-30-04

DATE WELL COMPLETED 9-30-04

WELL CONSTRUCTION

Total Depth Drilled 110 ft.

Finished Well Depth 110 ft.

Borehole Diameter:

Top 8 in.

Bottom 8 in.

Well Casing Begins:

1.5 ft. above grade or

ft. below grade

Note: Measure all depths from land surface

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<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
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<th>Wgt./Rating (lbs/sch. no.)</th>
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RECORD OF TEST

Test Date 9/30/04

Static Water Level 11 ft. below land surface

Water Level Measured Using Tape

Pumping Water Level 11 ft. below land surface

Well Was Pumped Using Air

Well Yield 80 gpm

If Pump Tested Discharge Rate N/A gpm

Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by Tom LeSage Reg. No. 1072

Pump Type Submersible

Depth of Pump below land surface 45 ft.

Capacity 12 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSONS WELL DRILLING

Well Driller (Print) George Ely

Driller's Signature George Ely

Registration No. 301485 Date 10/6/04

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

0-2 Top Soil

2-14 Orange Clay & Gravel

17-32 Coarse White Sand

32-48 Medium White Sand

48-50 White to Yellow Clay

60-71 Brown Clay

71-98 Coarse Yellow Sand

98-100 Sand & Stone

100-110 Coarse Yellow Sand

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:___________ EASTING:___________

OR

LATITUDE: ___ ___ ___ " LONGITUDE: ___ ___ ___ "

ORIGINAL: DEP

COPIES: DRILLER

OWNER

HEALTH DEPARTMENT
New Jersey Department of Environmental Protection  
Bureau of Water Allocation

WELL RECORD

OWNER RICHARD BOYER
Address 1123 PORCHTOWN RD.
City Franklinville State New Jersey Zip Code 08322

WELL LOCATION ADDRESS 1123 PORCHTOWN RD.
County Gloucester Municipality Franklin Twp Lot No. 8 Block No. 3502

WELL USE Domestic Replacement
DATE WELL STARTED 11-26-04
DATE WELL COMPLETED 11-26-04

WELL CONSTRUCTION
Total Depth Drilled 80 ft.
Finished Well Depth 80 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well Casing Begins:
15 ft. above grade or
--- ft. below grade

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<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
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Grouting Method Rotary
Pressure grout through pipe

RECORD OF TEST
Test Date 11-26-04
Static Water Level 14 ft. below land surface
Water Level Measured Using Tape
Pumping Water Level 14 ft. below land surface
Well Was Pumped Using AIR
Well Yield 70 gpm
If Pump Tested Discharge Rate N/A gpm
Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT
Installed by Tom Leger (Reg. No. 1072)
Pump Type Submersible
Depth of Pump below land surface 55 ft.
Capacity 12 gpm Horsepower 1/2

Grouting Method Rotary

GEologic LOG

Note each depth where water was encountered in consolidated formations:
0-2 Top Soil
2-9 Mafie Brown Sand
9-33 Yellow White Clay/White Gravel
33-53 Course Yellow Sand
53-78 Medium Yellow Sand
28-80 Fine Grey Sand

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING:          EASTING:          

OR

LATITUDE: _o _' _"  LONGITUDE: _o _' _"

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSONS WELL DRILLING
Well Driller (Print) George Kly
Driller's Signature George Kly 03
Registration No. JD 14 85 Date 1/26/04

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner LOVE, ROBERT
Address 980 PORCHTOWN ROAD
City FRANKLINVILLE State NJ Zip Code

WELL LOCATION ADDRESS 980 PORCHTOWN ROAD
County GLOUCESTER Municipality FRANKLIN TWP
Well Use DOMESTIC REPLACEMENT

Well Permit Number 31 - 56503
Atlas Sheet Coordinates 31:32:786

Owner's Well No. 1
Lot No. 9 Block No. 3503

Date Well Started 8/2/99
Date Well Completed 8/2/99

Well Construction

Total Depth Drilled 107 ft.
Finished Well Depth 107 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well Casing Begins:
1 ft. above grade or
5 ft. below grade

Well Construction Table

<table>
<thead>
<tr>
<th>Depth to</th>
<th>Depth to</th>
<th>Diameter</th>
<th>Material</th>
<th>Wgt./Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top (ft.)</td>
<td>Bottom (ft.)</td>
<td>(inches)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single/Inner Casing</td>
<td>+1</td>
<td>97</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>97</td>
<td>107</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>95</td>
<td>107</td>
<td>4</td>
<td>#2 sand</td>
</tr>
<tr>
<td>Grout</td>
<td>3.5</td>
<td>95</td>
<td></td>
<td>Neat Cement</td>
</tr>
</tbody>
</table>

Grouting Method Tremie pipe
Drilling Method mud rotary

Test Date 8/2/99
Static Water Level 20 ft. below land surface
Water Level Measured Using lift/pump
Pumping Water Level 28 ft. below land surface
Well Was Pumped Using submersible
Well Yield 20 gpm
If Pump Tested: Discharge Rate gpm
Duration of Test 1 hours

Record of Test

Permanent Pumping Equipment

Installed by R.D'Agostino Reg. No. PIO774
Pump Type Submersible
Depth of Pump below land surface 40 ft.
Capacity 12 gpm Horsepower 1/2

Geologic Log

Note each depth where water was encountered in consolidated formations.

0'- 2'topsoil brown
2'- 11'gravelly clay yellow brown
11'-27'sand coarse to gravel yellow brown
27'-30'clay yellow brown ans white
30'- 46'sand coarse sand med. to yellow brown
46'- 50'clay yellow brown
50'- 76'sand med. to fine yellow brown
76'- 78'clay grey
78'- 97'sand fine grey streaks grey clay
97'-107'sand med. sharp light greyish brown

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company D'AGOSTINO WELL DRILLING
Well Driller (Print) Paul Belan
Driller's Signature
Registration No. 0277 Date 8/11/99

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number

Atlas Sheet Coordinates

Owner's Well No.

County

Municipality

Lot No.

Block No.

WELL LOCATION ADDRESS

WELL USE

DOMESTIC REPLACEMENT

DATE WELL STARTED

DATE WELL COMPLETED

Total Depth Drilled

73 ft.

Finished Well Depth

73 ft.

Borehole Diameter:

Top: 8 1/2 in.

Bottom: 8 1/2 in.

Well Casing Begins

4 1/8 ft. above grade or

4 1/8 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>41.5</td>
<td>68</td>
<td>4</td>
<td>PVC</td>
<td>F480</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td></td>
<td></td>
<td>4</td>
<td>PVC</td>
<td>F480</td>
</tr>
<tr>
<td>(No. Used: 1.0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used: )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>63</td>
<td>73</td>
<td>8 1/2</td>
<td>more</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>63</td>
<td>8 1/2</td>
<td>Neat Cement: Bentonite</td>
<td>500 lbs.</td>
</tr>
</tbody>
</table>

Test Date

1/23/81

Static Water Level

7 ft. below land surface

Water Level Measured Using:

m-scope

Pumping Water Level

ft. below land surface

Well Was Pumped Using:

Air Lift

Well Yield

108 gpm

If Pump Tested:

Discharge Rate ____________________ gpm

Duration of Test ____________________ hours

PERMANENT PUMPING EQUIPMENT

Installed by

F.C. CAPEL & SON

Reg. No.

887

Pump Type

shallow jet

Depth of Pump below land surface

5 ft.

Capacity 5 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

F.C. CAPEL & SON

Drilling Company

Well Driller (Print)

Frederick Capel III

Driller's Signature

Frederick Capel III

Registration No.

887

Date

1/23/81

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

0-5 Sandy Yellow Clay

5-20 Orange Clay

20-33 Grey Clay to Coarse

33-73 Fine to Coarse Orange Sand

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ____________________ EASTING: ____________________

OR

LATITUDE: 0" 0' 0" " LONGITUDE: 0" 0' 0"

COPIES: White - DEP Canary - Driller Pink - Owner

Goldenrod - Health Dept.
**New Jersey Department of Environmental Protection**  
**Bureau of Water Allocation**

# WELL RECORD

**OWNER**  
ELMER HAAS

**Address**  
1657 ROUTE 47

**City**  
Franklinville

**State**  
New Jersey

**Zip Code**  
08322

---

**WELL LOCATION ADDRESS**  
1657 ROUTE 47

**County**  
Gloucester

**Municipality**  
Franklin Twp

**Lot No.**  
3

**Block No.**  
4901

---

**WELL USE**  
Domestic Replacement

---

**DATE WELL STARTED**  
7-24-04

**DATE WELL COMPLETED**  
7-24-04

---

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>135 ft.</td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>135 ft.</td>
</tr>
<tr>
<td>Borehole Diameter: Top</td>
<td>8 in.</td>
</tr>
<tr>
<td>Borehole Diameter: Bottom</td>
<td>8 in.</td>
</tr>
</tbody>
</table>

---

**Well Casing Begins:**  
1.5 ft. above grade or  
N/A ft. below grade

---

### RECORD OF TEST

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Date</td>
<td>7-24-04</td>
</tr>
<tr>
<td>Static Water Level</td>
<td>12 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>12 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air</td>
</tr>
<tr>
<td>Well Yield</td>
<td>100 gpm</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>If Pump Tested</td>
<td>N/A</td>
</tr>
<tr>
<td>Discharge Rate</td>
<td>N/A gpm</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>N/A hours</td>
</tr>
</tbody>
</table>

---

### PERMANENT PUMPING EQUIPMENT

**Installed by**  
Tom LeSage  
Reg. No. 1072

**Pump Type**  
Submersible

**Depth of Pump below land surface**  
35 ft.

**Capacity**  
12 gpm  
Horsepower 1/2

---

**Drilling Company**  
ANDERSONS WELL DRILLING

**Well Driller (Print)**  
George Elu

**Driller's Signature**  
George Elu

**Registration No.**  
3D1485  
Date 7-24-04

---

**Grouting Method**  
pressure grout w/tremie pipe

**Drilling Method**  
Rotary

---

### GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Formation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-2</td>
<td>Top Soil</td>
</tr>
<tr>
<td>B-11</td>
<td>Brown clay, coarse brown sand</td>
</tr>
<tr>
<td>N-19</td>
<td>Coarse Brown Clay</td>
</tr>
<tr>
<td>19-38</td>
<td>Coarse White Sand</td>
</tr>
<tr>
<td>38-100</td>
<td>Medium White Sand</td>
</tr>
<tr>
<td>100-81</td>
<td>Brown Clay</td>
</tr>
<tr>
<td>81-92</td>
<td>Gray clay, fine gray sand</td>
</tr>
<tr>
<td>92-123</td>
<td>Coarse gray sand</td>
</tr>
<tr>
<td>123-131</td>
<td>Medium yellow sand</td>
</tr>
<tr>
<td>131-135</td>
<td>Gray &amp; Green clay</td>
</tr>
</tbody>
</table>

---

### AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

**NORTHING:**

**EASTING:**

**LATITUDE:**

**LONGITUDE:**

---

**ORIGINAL: DEP**  
John A.

**COPIES:**  
1

**DRILLER**  
George Elu

**OWNER**  
HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number 31-55995

Atlas Sheet Coordinates 31-32-789

OWNER
HALL, MICHAEL
Address
762 PORCHTOWN RD.

City
FRANKLINVILLE
State
NJ
Zip Code

WELL LOCATION ADDRESS
762 PORCHTOWN RD.

WELL USE
DOMESTIC REPLACEMENT

WELL CONSTRUCTION

Total Depth Drilled 120 ft.

Finished Well Depth 120 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
2 ft. above grade or
2 ft. below grade

DATE WELL STARTED 6/19/99
DATE WELL COMPLETED 6/19/99

Note: Measure all depths from land surface

<p>| Depth to | Diameter | Material |</p>
<table>
<thead>
<tr>
<th>Top (ft.)</th>
<th>Bottom (ft.)</th>
<th>(inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>12</td>
<td>110</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td></td>
<td>110</td>
</tr>
<tr>
<td>(No. Used .020)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>105</td>
<td>115'</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>105'</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date NA 12 ft. below land surface

Static Water Level NA 12 ft. below land surface

Water Level Measured Using TAPE

Pumping Water Level NA ft. below land surface

Well Was Pumped Using NA

Well Yield NA gpm

If Pump Tested: NA gpm Duration of Test NA hours

Grouting Method Pressure Tremie

Drilling Method Mud Rotary

PERMANENT PUMPING EQUIPMENT

Installed by James Esslinger Reg. No. 0832

Pump Type Submersible

Depth of Pump below land surface 40 ft.

Capacity 25 gpm Horsepower 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNIT-TECH DRILLING

Well Driller (Print) Joseph Jester

Driller's Signature Joseph Jester

Registration No. JD1349 Date 7/14/99

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-18 C-gravels
18-45 Contan sand
45-70 Light gray silt
70-95 Light gray clay
95-120 gray cmf sand
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

WELL LOCATION ADDRESS
947 PORCHTOWN RD

County: GLOUCESTER
Municipality: FRANKLIN TWP

Well Permit Number
31

Atlas Sheet Coordinates
31 32 789

Owner's Well No.
3111355

Lot No.
14-H

Block No.
92

DATE WELL STARTED
10/3/01

DATE WELL COMPLETED
10/3/01

WELL CONSTRUCTION

Total Depth Drilled
110 ft.

Finished Well Depth
110 ft.

Borehole Diameter:
Top: 6 in.
Bottom: 8 in.

Well Casing Begins:
1.5 ft. above grade or 8 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>100</td>
<td>4</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>100</td>
<td>110</td>
<td>4</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>100</td>
<td>110</td>
<td>2</td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date
10/3/01

Static Water Level
11 ft. below land surface

Water Level Measured Using: Tape

Pumping Water Level
11 ft. below land surface

Well Was Pumped Using: Air

Well Yield 140 gpm

If Pump Tested: Discharge Rate: N/A gpm

Duration of Test: N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by: Tomasco Reg. No. 1072

Pump Type: Submersible

Depth of Pump below land surface
60 ft.

Capacity: 140 gpm Horsepower: 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

ANDERSON'S WELL DRILLING

Drilling Company

Well Driller (Print): George Ely

Driller's Signature: George Ely

Registration No. 14685 Date: 11/21/01

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)

NI STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ____________ EASTING: ____________

OR

LATITUDE: ____________ " LONGITUDE: ____________ "

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
**New Jersey Department of Environmental Protection**  
**Bureau of Water Allocation**

**WELL RECORD**

**OWNER**  
MICHAEL ABAGNALE

**Address**  
64 SEVENTH ST.

**City**  
Franklinville

**County**  
Gloucester  
**Municipality**  
Franklin Twp  
**Lot No.**  
23  
**Block No.**  
3001

**WELL LOCATION ADDRESS**  
64 SEVENTH ST.

**DATE WELL STARTED**  
11-22-03

**DATE WELL COMPLETED**  
11-22-03

**WELL USE**  
Domestic Replacement

---

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>80</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>80</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td>1.5 ft. above grade</td>
<td>1.5 ft. below grade</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### RECORD OF TEST

<table>
<thead>
<tr>
<th>Test Date</th>
<th>11-22-03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>20 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>20 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air</td>
</tr>
<tr>
<td>Well Yield</td>
<td>120 gpm</td>
</tr>
<tr>
<td>If Pump Tested</td>
<td>Discharge Rate N/A gpm</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>N/A hours</td>
</tr>
</tbody>
</table>

---

### PERMANENT PUMPING EQUIPMENT

<table>
<thead>
<tr>
<th>Installed by</th>
<th>Tom Le Sage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg. No.</td>
<td>1072</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>40 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 gpm</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1/2</td>
</tr>
</tbody>
</table>

---

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company**  
ANDERSONS WELL DRILLING

**Well Driller (Print)**  
Dan Carter

**Driller's Signature**  
Dan Carter  
**Registration No.**  
1021854  
**Date**  
12/8/03

---

### GEOLOGIC LOG

- **0-2 Black Sandy Top Soil**
- **2-4 Yellow Coarse Sand**
- **4-29 Yellow Clay**
- **29-35 Tan Coarse Sand**
- **35-41 Brown Clay**
- **41-75 Medium Red Yellow Sand**
- **75-82 Medium Fine Red Yellow Sand**

---

**Grouting Method**  
Pressure grout with cement pipe

**Drilling Method**  
ROTARY
**New Jersey Department of Environmental Protection**
**Bureau of Water Allocation**

**WELL RECORD**

**OWNER** JOHN WOOTON

**Address** 2412 DELSEA DRIVE

**City** Franklinville  
**State** New Jersey  
**Zip Code** 08094

**WELL LOCATION ADDRESS** 2412 DELSEA DRIVE

**County** Gloucester  
**Municipality** Franklin Twp

**Lot No.** 10  
**Block No.** 3605

**WELL USE** Domestic Replacement

**DATE WELL STARTED** 6-15-04

**DATE WELL COMPLETED** 6-15-04

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Total Depth Drilled</th>
<th>666 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finished Well Depth</td>
<td>666 ft.</td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8 in.</td>
</tr>
<tr>
<td>Bottom</td>
<td>8 in.</td>
</tr>
</tbody>
</table>

**Well Casing Begins:**
- 15 ft. above grade or
- ft. below grade

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Test Date</th>
<th>6-15-04</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>10 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>10 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air</td>
</tr>
<tr>
<td>Well Yield</td>
<td>30 gpm</td>
</tr>
</tbody>
</table>
| If Pump Tested | Discharge Rate: N/A gpm  
| Duration of Test | N/A hours |

**PERMANENT PUMPING EQUIPMENT**

<table>
<thead>
<tr>
<th>Installed by</th>
<th>Tom LeSage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg. No.</td>
<td>1072</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>50 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 gpm Horsepower</td>
</tr>
</tbody>
</table>

**Grouting Method**
- Rotary

**Drilling Method**
- Pressure Gradient Mapping

**GEOLOGIC LOG**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12 ft.</td>
<td>Black Top Soil</td>
</tr>
<tr>
<td>12-25 ft.</td>
<td>Yellow Course Sand/Stone</td>
</tr>
<tr>
<td>25-45 ft.</td>
<td>Medium Yellow Clay</td>
</tr>
<tr>
<td>45-60 ft.</td>
<td>Medium White Sand</td>
</tr>
</tbody>
</table>

**AS-BUILT WELL LOCATION**

**NJ STATE PLANE COORDINATE IN US SURVEY FEET**

**NORTHING:**  
**EASTING:**

**LATITUDE:**  
**LONGITUDE:**

**Drilling Company** ANDERSONS WELL DRILLING

**Well Driller (Print)** Dan Carter

**Driller's Signature**  
**Registration No.**  
**Date:** 6-15-04

**ORIGINAL: DEP**  
**COPIES: DRILLER**  
**OWNER**  
**HEALTH DEPARTMENT**
New Jersey Department of Environmental Protection  
Bureau of Water Allocation

WELL RECORD

OWNER  STEVE SULTZER

Address  913 CORNWALL TERRACE

City  Turnersville  State  New Jersey  Zip Code  08012

WELL LOCATION ADDRESS  78 7TH STREET

County  Gloucester  Municipality  Franklin Twp  Lot No.  24  Block No.  3001

WELL USE  Domestic Replacement

DATE WELL STARTED  12-27-05

DATE WELL COMPLETED  12-27-05

WELL CONSTRUCTION

Total Depth Drilled  75 ft.

Finished Well Depth  75 ft.

Borehole Diameter:

Top  8 in.

Bottom  8 in.

Well Casing Begins:  

1.5 ft. above grade or

ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th></th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>65</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>65</td>
<td></td>
<td>Neat Cement Bentonite</td>
<td>194 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date  12-27-05

Static Water Level  9 ft. below land surface

Water Level Measured Using  Tape

Pumping Water Level  40 ft. below land surface

Well Was Pumped Using  AIR

Well Yield  10 gpm

If Pump Tested  Discharge Rate  N/A  gpm

Duration of Test  N/A  hours

PERMANENT PUMPING EQUIPMENT

Installed by  Tom LeSage  Reg. No.  1072

Pump Type  Submersible

Depth of Pump below land surface  30 ft.

Capacity  20 gpm  Horsepower  1

Grouting Method  Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

- 0-2 Top Soil
- 2-17 Coarse to Medium White Sand
- 17-38 Unclassified Medium Clay
- 38-51 Coarse Gravel
- 51-74 Medium Yellow Sand
- 74-75 Fine Grey Sand

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:  EASTING:

OR

LATITUDE:  0' 0"  LONGITUDE:  0' 0"

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  ANDERSONS WELL DRILLING

Well Driller (Print)  George Ely

Driller's Signature  

Registration No.  10/18/5  Date  1/1/06

ORIGINAL:  DEP  COPIES:  DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner: GEMENDEN, MARINA
Address: 2086 DELSEA DR
City: FRANKLINVILLE
State: NJ
Zip Code: ___

Well Permit Number: 31 56361
Atlas Sheet Coordinates: 31 32 791

Well Location Address: 2086 DELSEA DR
Owner's Well No.: 2
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 1
Block No.: 4903

Well Use: DOMESTIC REPLACEMENT

Date Well Started: 7/22/99
Date Well Completed: 7/30/99

Well Construction

Total Depth Drilled: 105 ft.
Finished Well Depth: 100 ft.

Borehole Diameter: 8 in.
Top: 8 in.
Bottom: 8 in.

Well Casing Begins: 1 ft. above grade or 8 ft. below grade

WELL CONSTRUCTION TABLE

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>41</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC 620</td>
<td>40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>80</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>80</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date: 7/22/99
Static Water Level: 15 ft. below land surface
Water Level Measured Using: M-Scape
Pumping Water Level: 17 ft. below land surface
Well Was Pumped Using: sub
Well Yield: 10 gpm
If Pump Tested: Discharge Rate: 10 gpm
Duration of Test: 5 hours

PERMANENT PUMPING EQUIPMENT

Installed by: CHARLES KRÄMER, Reg. No. 1060
Pump Type: PUT
Depth of Pump below land surface: 55 ft.
Capacity: 10 gpm, Horsepower: 5

Grouting Method: Tancre
Drilling Method: Mud rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.
0-1 Tap Soil
1-7 Sandy Clay
51-56 Clay (Yellow)
56-105 White Sand (Med)

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: EASTERN DRILL & CHARLES KRÄMER
Well Driller (Print): CHARLES KRÄMER
Driller's Signature: CHARLES KRÄMER
Registration No.: 1060
Date: 8/15/99

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 62748

Atlas Sheet Coordinates
31 32 791

OWNER
F C HOLDINGS LLC

Address
601 W MAIN ST
MALAGA

City
GLOUCESTER
County
Municipality
FRANKLIN TWP

WELL LOCATION ADDRESS
GRAYS FERRY RD

WELL USE
DOMESTIC REPLACEMENT

WELL CONSTRUCTION

Total Depth Drilled 100 ft.

Finished Well Depth 100 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
1 1/2 ft. above grade or
5 ft. below grade

Note: Measure all depths
from land surface

<p>| Depth to | Depth to | Diameter |</p>
<table>
<thead>
<tr>
<th>Top (ft.)</th>
<th>Bottom (ft.)</th>
<th>(inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>80</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>90</td>
<td>100</td>
</tr>
<tr>
<td>Grout</td>
<td>75</td>
<td>100</td>
</tr>
</tbody>
</table>

TEST DATE

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Static Water Level</th>
<th>Water Level Measured Using</th>
<th>Pumping Water Level</th>
<th>Well Was Pumped Using</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 / 13 / 02</td>
<td>15 ft. below land surface</td>
<td>Mscp</td>
<td>38 ft. below land surface</td>
<td>Artif+</td>
</tr>
</tbody>
</table>

Well Yield
Discharge Rate
Duration of Test
NA gpm
NA hours

PERMANENT PUMPING EQUIPMENT

Installed by
Michael Conover
Reg. No. 1586

Pump Type
Submersible

Depth of Pump below land surface
25 ft.

Capacity
15 gpm
Horsepower
1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
UNI-TECH DRILLING

Well Driller (Print)
Michael Conover

Driller's Signature
Michael Conover

Registration No. (ID) 1586 Date 2 / 13 / 02

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 30'</td>
<td>Fine Tan Sand</td>
</tr>
<tr>
<td>30' - 45'</td>
<td>MF Tan Sand &amp; gravel lenses</td>
</tr>
<tr>
<td>45' - 75'</td>
<td>MF Tan Sand</td>
</tr>
<tr>
<td>75' - 78'</td>
<td>Yellow Tan Clay</td>
</tr>
<tr>
<td>78' - 95'</td>
<td>CR Tan Sand</td>
</tr>
<tr>
<td>95' - 98'</td>
<td>Black Clay</td>
</tr>
<tr>
<td>98' - 100'</td>
<td>Gray Sand &amp; Mv</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:
EASTING:

LATITUDE: " " " " LONGITUDE: " " " "

COPIES: White - DEP Canary - Driller Pink - Owner
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 64300

Atlas Sheet Coordinates
31 32 791

OWNER
NESTORE, DONNA

Address
1020 WILLIAMSTOWN RD
FRANKLINVILLE

City
State
NJ
Zip Code

WELL LOCATION ADDRESS
1020 WILLIAMSTOWN RD
GLOUCESTER
FRANKLIN TWP

Lot No.
1
Block No.
3505

WELL USE
DOMESTIC REPLACEMENT

DATE WELL STARTED
9/10/03
DATE WELL COMPLETED
9/10/03

WELL CONSTRUCTION

Total Depth Drilled
105 ft.

Finished Well Depth
105 ft.

Borehole Diameter:
Top
8 in.

Bottom
8 in.

Well Casing Begins:
1 ft. above grade or
ft. below grade

Note: Measure all depths
from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1</td>
<td>95</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing</td>
<td>95</td>
<td>105</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Outer Casing</td>
<td>95</td>
<td>105</td>
<td>8&quot;</td>
<td>#2 MARIE</td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>95</td>
<td>105</td>
<td>8&quot;</td>
<td>Neat Cement</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td>95</td>
<td>105</td>
<td>8&quot;</td>
<td>Bentonite</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date
9/10/03

Static Water Level
15 ft. below land surface

Water Level Measured Using
AIR LIFT

Pumping Water Level
45 ft. below land surface

Well Was Pumped Using
AIR LIFT

Well Yield
15 gpm

If Pump Tested:
Discharge Rate
20 gpm

Duration of Test
4 hours

PERMANENT PUMPING EQUIPMENT

Installed by
MICHAEL P. WALKER
Reg. No. 31120

Pump Type
SOB

Depth of Pump below land surface
45 ft.

Capacity
10 gpm
Horsepower
1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
MICHAEL P. WALKER

Well Driller (Print)
SAME

Driller's Signature
MICHAEL P. WALKER

Registration No.
31120
Date
9/30/03

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

0 - 1 TONSOL
1 - 15 YEL SAND
15 - 30 YEL CLAY & GRAVEL
30 - 50 YEL SAND
50 - 70 BLACK CLAY
70 - 105 COARSE WHITE SAND

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ___________ EASTING: ___________

OR

LATITUDE: ___________ LONGITUDE: ___________
New Jersey Department of Environmental Protection  
Bureau of Water Systems and Well Permitting

Well Permit Number  
3100072839

Atlas Sheet Coordinates  
3132791

WELL RECORD

OWNER ROBERT LOVE

Address 980 PORCHTOWN ROAD

City Franklinville State New Jersey Zip Code 08322

WELL LOCATION ADDRESS 980 PORCHTOWN ROAD  
County Gloucester Municipality Franklin Twp Lot No. 9  
Block No. 3503

WELL USE Domestic Replacement

DATE WELL STARTED 8-29-06

DATE WELL COMPLETED 8-29-06

WELL CONSTRUCTION

Total Depth Drilled 100 ft.

Finished Well Depth 100 ft.

Borehole Diameter:

Top 8 3/4 in.

Bottom 8 3/4 in.

Well Casing Begins: 92 ft. above grade or  

ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>92</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 20)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used )</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td></td>
<td>#1 Sand</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td></td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 8/29/06

Static Water Level 15 ft. below land surface

Water Level Measured Using TAPE

Pumping Water Level N/A ft. below land surface

Well Was Pumped Using ARLIFT

Well Yield 30 gpm

If Pump Tested Discharge Rate N/A gpm

Duration of Test hours

PERMANENT PUMPING EQUIPMENT

Installed by DAVID CONROY Reg. No. M1521

Pump Type Submersible

Depth of Pump below land surface 55 ft.

Capacity 20 gpm Horsepower 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company UNI-TECH DRILLING CO INC

Well Driller (Print) JOSEPH JESTER

Driller's Signature

Registration No. M1559 Date 9/6/06

Grouting Method Dressing tremie  
Drilling Method mud rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

0-20' orange tan cMF sand

20-50' tan MF sand

50-61' tan white clay

61-80' tan sand MF clay lenses

80-100' tan MF sand

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: EASTING:

OR

LATITUDE: _0_ _ _ "LONGITUDE: _0_ _ _ "

ORIGINAL: DEP COPIES: DRILLER OWNER HEALTH DEPARTMENT
DWR-138
5/95

New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER
DOUGLAS BUILDERS
Address 1046 WILLIAMSTOWN RD
City FRANKLINVILLE
State NJ
Zip Code

WELL LOCATION ADDRESS WILLIAMSTOWN RD
County GLOUCESTER
Municipality FRANKLIN TWP
Owner's Well No. __________
Lot No. 3
Block No. 350A

WELL USE DOMESTIC
DATE WELL STARTED 7/13/00
DATE WELL COMPLETED 7/13/00

WELL CONSTRUCTION
Total Depth Drilled 100 ft.
Finished Well Depth 100 ft.
Borehole Diameter 8 1/2 in.
Top 8 1/2 in.
Bottom 8 1/2 in.
Well Casing Begins:
+4.5 ft. above grade or
ft. below grade

Note: Measure all depths from land surface

<p>| Depth to | Diameter | Material | Wgt./Rating |</p>
<table>
<thead>
<tr>
<th>Top (ft.)</th>
<th>Bottom (ft.)</th>
<th>(inches)</th>
<th>(lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>single/inner casing</td>
<td>+1.5</td>
<td>90</td>
<td>4</td>
</tr>
<tr>
<td>middle casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>outer casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>open hole or screen (no. used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
</tr>
<tr>
<td>blank casings (no. used)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>tail piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>gravel pack</td>
<td>85</td>
<td>100</td>
<td>8 1/2</td>
</tr>
<tr>
<td>grout</td>
<td>0</td>
<td>85</td>
<td>8 1/2</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date 7/13/00
Static Water Level 1/2 ft. below land surface
Water Level Measured Using m-scope
Pumping Water Level ______ ft. below land surface
Well Was Pumped Using airlift
Well Yield 50 gpm
If Pump Tested: Discharge Rate ______ gpm
Duration of Test ______ hours

PERMANENT PUMPING EQUIPMENT
Installed by J. C. CAPEL & SONS Reg. No. 887
Pump Type Submersible
Depth of Pump below land surface 35 ft.
Capacity 12 gpm Horsepower 1/2

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations.
0-2 fill
2-30 gravel
30-85 sand
85-100 sand to coarse yellow clay
yellow sand

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company J. C. CAPEL & SONS
Well Driller (Print) Frederick C. Capel
Driller's Signature Frederick C. Capel
Registration No. 887 Date 7/13/00

COPY: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dent
**WELL RECORD**

**OWNER**
VFW POST 2071

**Address**
2179 DELSEA DRIVE

**City**
FRANKLINVILLE

**County**
GLoucester

**Municipality**
FRANKLIN TWP

**Lot No.**
17

**Block No.**
3507

**WELL USE**
PUBLIC NON-COMMUNITY REPLACEMENT

**DATE WELL STARTED**
9/21/00

**DATE WELL COMPLETED**
9/24/00

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>110 ft.</td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>110 ft.</td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8 in.</td>
</tr>
<tr>
<td>Bottom</td>
<td>8 in.</td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td>+1.5 ft. above grade or +8 ft. below grade</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Date</td>
<td>9/21/00</td>
</tr>
<tr>
<td>Static Water Level</td>
<td>25 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>M-Scope</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>30 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air Lift</td>
</tr>
<tr>
<td>Well Yield</td>
<td>30 gpm</td>
</tr>
<tr>
<td>If Pump Tested:</td>
<td></td>
</tr>
<tr>
<td>Discharge Rate</td>
<td></td>
</tr>
<tr>
<td>Duration of Test</td>
<td></td>
</tr>
</tbody>
</table>

**PERMANENT PUMPING EQUIPMENT**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed by</td>
<td>David Conover, Reg. No. M1521</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth Pump below land surface</td>
<td>40 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 gpm</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1/2</td>
</tr>
</tbody>
</table>

**Grouting Method**
Pressure Trenchie

**Drilling Method**
Mud Rotary

**GEOLOGIC LOG**

<table>
<thead>
<tr>
<th>Depth Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 20'</td>
<td>Sand, Clay, Gravel</td>
</tr>
<tr>
<td>20' - 40'</td>
<td>Clay</td>
</tr>
<tr>
<td>40' - 85'</td>
<td>Sand &amp; Stone</td>
</tr>
<tr>
<td>85' - 92'</td>
<td>Clay</td>
</tr>
<tr>
<td>92' - 110'</td>
<td>Sand &amp; Stone</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNI-TECH DRILLING

Well Driller (Print): David A. Conover

Driller's Signature: David A. Conover

Registration No. M1521 Date 10/34/00

**Copies:**
White - DEP
Canary - Driller
Pink - Owner
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31  59532

Atlas Sheet Coordinates
31  32  792

OWNER
GIBERSON, WILLIAM & MARIA

Address
105 FRIES MILL RD
FRANKLINVILLE

City
State
NJ
Zip Code

WELL LOCATION ADDRESS
105 FRIES MILL RD
County  GLOUCESTER  Municipality  FRANKLIN TWP

WELL USE
DOMESTIC

DATE WELL STARTED
9 / 6 / 01

DATE WELL COMPLETED
9 / 6 / 01

WELL CONSTRUCTION

Total Depth Drilled 85 ft.

Finished Well Depth 85 ft.

Borehole Diameter;
Top 8 in.
Bottom 8 in.

Well Casing Begins:
1.5 ft. above grade or
_____ ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>75</td>
<td>4&quot;</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>75</td>
<td>85</td>
<td>4&quot;</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td>75</td>
<td>85</td>
<td>#2 Well Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>75</td>
<td>85</td>
<td>#2 Well Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>75</td>
<td>Neat Cement</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 9 / 6 / 01

Static Water Level 22 ft. below land surface

Water Level Measured Using Tape

Pumping Water Level 22 ft. below land surface

Well Was Pumped Using Air

Well Yield 60 gpm

If Pump Tested: Discharge Rate N/A gpm

Duration of Test ______ hours

PERMANENT PUMPING EQUIPMENT

Installed by Tom LeSage  Reg. No. 1072

Pump Type Submersible

Depth of Pump below land surface 45 ft.

Capacity 12 gpm  Horsepower 1/2

Grouting Method Pressure Grout w/Tremie Pipe

Drilling Method Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-5</td>
<td>Orange Coarse Sand &amp; Rock</td>
</tr>
<tr>
<td>5-27</td>
<td>Orange Med Sand, Orange Cla</td>
</tr>
<tr>
<td>27-35</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>35-50</td>
<td>Tan Coarse Sand</td>
</tr>
<tr>
<td>50-80</td>
<td>Yellow Coarse Sand</td>
</tr>
<tr>
<td>80-85</td>
<td>Yellow Medium Sand</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSON’S WELL DRILLING

Well Driller (Print) Ban Carter

Driller’s Signature Ban Carter

Registration No. 21854  Date 10 / 26 / 01

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dent.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number

Atlas Sheet Coordinates

Owner: GROCHOWSKI, ED
Address: P.O. BOX 383
City: FRANKLINVILLE
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 8 05
Block No.: 4001

Date Well Started: 4/18/01
Date Well Completed: 4/18/01

Well Use: Domestic

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (Inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td></td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used, 030)</td>
<td></td>
<td>90</td>
<td>100</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td>8</td>
<td>#1</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td>8</td>
<td>Neat Cement Bentonite</td>
<td>(\frac{500}{300}) lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date: 4/18/01
Static Water Level: 15 ft. below land surface
Water Level Measured Using Scope: 20 ft. below land surface
Pumping Water Level: Applied
Well Was Pumped Using Air Line
Well Yield: 60 gpm
If Pump Tested: Discharge Rate: NA gpm
Duration of Test: NA hours

Grouting Method: Pressure Trench
Drilling Method: Mud Rotary

PERMANENT PUMPING EQUIPMENT

Installed by: Others
Reg. No.: 
Pump Type: 
Depth of Pump below land surface: ft.
Capacity: gpm Horsepower: 

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNI-TECH DRILLING
Well Driller (Print): Joseph Jester
Driller's Signature: Joseph Jester
Registration No.: M3264 Date: 4/18/01

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

- 0'-23' Tan/Orange C M F sand/gravel
- 23'-81' Tan C M F sand
- 81'-89' Tan/White clay
- 89'-80' Tan M-F-C sand clay streaks
- 80'-100' Tan C M F sand
# WELL RECORD

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**BUREAU OF WATER ALLOCATION**

**WELL RECORD**

**Well Permit Number**

**Atlas Sheet Coordinates**

**OWNER**

GROCHOWSKI, ED

**Address**

P.O. BOX 383

**City**

FRANKLINVILLE

**State**

NJ

**Zip Code**

**WELL LOCATION ADDRESS**

JOSHUA COURT

**County**

GLOUCESTER

**Municipality**

FRANKLIN TWP

**Lot No.**

8 03

**Block No.**

4001

**WELL USE**

DOMESTIC

**DATE WELL STARTED**

9/13/00

**DATE WELL COMPLETED**

9/13/00

---

### WELL CONSTRUCTION

- **Total Depth Drilled:** 95 ft.
- **Finished Well Depth:** 95 ft.
- **Borehole Diameter:**
  - Top: 8 in.
  - Bottom: 8 in.
- **Well Casing Begins:**
  - +1.5 ft. above grade or
  - 8 ft. below grade

### RECORD OF TEST

- **Test Date:** 9/13/00
- **Static Water Level:** 20 ft. below land surface
- **Water Level Measured Using:** M-SCOPE
- **Pumping Water Level:** 30 ft. below land surface
- **Well Was Pumped Using:** Airlift
- **Well Yield:** 50 gpm
- **If Pump Tested:** Discharge Rate: NA gpm
- **Duration of Test:** 8 hours

### PERMANENT PUMPING EQUIPMENT

- **Installed by:** By Others
- **Reg. No.:**
- **Pump Type:**
- **Depth of Pump below land surface:**
- **Capacity:**
- **Horsepower:**

---

**Grouting Method:** Pressure, Trench

**Drilling Method:** Mud, Rotary

### GEOLOGIC LOG

- **Note each depth where water was encountered in consolidated formations.**
- **0-20' Sand - Stone**
- **20-30' Clay**
- **30-38' Sand + Stone**
- **38-50' Clay**
- **50-60' Sand Stone**
- **60-80' Clay**
- **80-95' Sand + Stone**

---

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company:** UNI-TECH DRILLING

**Well Driller (Print):** Richard Bartholomew
drilled by

**Driller's Signature:**

**Registration No.:**

**Date:** 9/15/00

---

**COPIES:** White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner: GROCHOWSKI, ED

Address: PO BOX 383
City: FRANKLINVILLE State: NJ Zip Code:

WELL LOCATION ADDRESS: JOSHUA COURT
County: GLOUCESTER Municipality: FRANKLIN TWP Lot No.: 8-01 Block No.: 4001

WELL USE: DOMESTIC

DATE WELL STARTED: 5/17/00
DATE WELL COMPLETED: 5/17/00

WELL CONSTRUCTION

Total Depth Drilled: 120 ft.
Finished Well Depth: 60 ft.
Borehole Diameter: Top: 8 in., Bottom: 8 in.

Well Casing Begins: 12 ft. above grade or

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/each no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>0.4</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used, 20)</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>9.5</td>
<td>120</td>
<td>8</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>95</td>
<td>8</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date: 5/17/00
Static Water Level: 12 ft. below land surface
Water Level Measured Using: 99 SCOPES
Pumping Water Level: 50 ft. below land surface
Well Was Pumped Using: AIRLIFT
Well Yield: 30 gpm
If Pump Tested: Discharge Rate: gpm
Duration of Test: hours

PERMANENT PUMPING EQUIPMENT

Installed by: NEIL OTHERS Reg. No.:
Pump Type:
Depth of Pump below land surface:
Capacity: gpm Horsepower:

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNI-TECH DRILLING
Well Driller (Print): CHRISTOPHER WARREN
Driller's Signature:
Registration No. M1546 Date: 5/19/00

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-3 ft. C-M-F tan & brown sands
3-52 ft. M-C orange sand
52-71 ft. white & orange clay w/ E sand
71-98 ft. tan & orange sand
98-120 ft. M-C tan sand

Grouting Method: Pressure w/ Trench
Drilling Method: Mud Rotary

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
**New Jersey Department of Environmental Protection**  
**Bureau of Water Allocation**

**WELL RECORD**

**OWNER**  
GROCHOWSKI, ED

**Address**  
PO BOX 383  
FRANKLINVILLE

**City**  
FRANKLIN TWP  
**Municipality**

**County**  
GLENCENTER  
**State** NJ  
**Zip Code**

**WELL LOCATION ADDRESS**  
JOSHUA COURT  
**Owner’s Well No.**  
8.06  
**Lot No.**  
4001  
**Block No.**

**WELL USE**  
DOMESTIC

**DATE WELL STARTED**  
9/1/01  
**DATE WELL COMPLETED**  
9/1/01

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>82</td>
<td>115</td>
<td>PVC</td>
<td>40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td>115</td>
<td>125</td>
<td>PVC</td>
<td>40</td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td>125</td>
<td>130</td>
<td>PVC</td>
<td>40</td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>110</td>
<td>130</td>
<td>-1</td>
<td>700</td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>110</td>
<td>130</td>
<td>Neat Cement Bentonic</td>
<td>700</td>
</tr>
<tr>
<td>GROUT</td>
<td>0</td>
<td>110</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

- **Test Date:** 9/1/01
- **Static Water Level:** 30 ft. below land surface
- **Water Level Measured Using:** M-Scop
- **Pumping Water Level:** 30 ft. below land surface
- **Well Was Pumped Using:** AIRLIFT
- **Well Yield:** 30 gpm
- **If Pump Tested:** Discharge Rate NA gpm, Duration of Test hours

**PERMANENT PUMPING EQUIPMENT**

- **Installed by:** OTHERS
- **Reg. No.:**
- **Pump Type:**
- **Depth of Pump below land surface:** ft.
- **Capacity:** gpm, **Horsepower:**

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**UNI-TECH DRILLING**

**Drilling Company:**

Karl Hitzelberger

**Well Driller (Print):**

Karl Hitzelberger

**Driller’s Signature:**

Karl Hitzelberger

**Registration No.:** M1530 Date 8/2/01

**GEOLOGIC LOG**

- **Note depths where water was encountered in consolidated formations.**

0-12 Orange Crystalline Sand & Gravel  
12-17 Tan Clay  
17-45 Orange Crystalline Sand  
45-62 Tan to Orange Clay  
62-73 White Crystalline Sand  
73-110 Fine Sand & Clay  
110-125 White MF Sand  
125-130 Tan to White Clay

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)  
NJ STATE PLANE COORDINATE IN US SURVEY FEET

- **NORTHING:**
- **EASTING:**

**LATITUDE:** °   ′   ″  | **LONGITUDE:** °   ′   ″
New Jersey Department of Environmental Protection
Bureau of Water Allocation

**WELL RECORD**

**OWNER:** MUELLER, ERNEST

**Address:** 472 MARY AVE

**City:** FRANKLINVILLE  

**State:** NJ  

**WELL LOCATION ADDRESS:** 472 MARY AVE

**County:** GLOUCESTER  

**Municipality:** FRANKLIN TWP

**WELL USE:** DOMESTIC REPLACEMENT

**DATE WELL STARTED:** 2/7/02  

**DATE WELL COMPLETED:** 2/7/02

---

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
<th>Diameter</th>
<th>Material</th>
<th>Wgt./Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>180 ft.</td>
<td>1.5</td>
<td>PVE</td>
<td>400 lbs.</td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>120 ft.</td>
<td>110</td>
<td>PVE</td>
<td>400 lbs.</td>
</tr>
<tr>
<td>Borehole Diameter: Top</td>
<td>8 in.</td>
<td>110</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>8 in.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>18 ft. above grade or</td>
<td>110</td>
<td>Well Casing</td>
<td>Neat Cement</td>
</tr>
<tr>
<td></td>
<td>ft. below grade</td>
<td>120</td>
<td>Bentonite</td>
<td>33 lbs.</td>
</tr>
</tbody>
</table>

---

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
<th>Diameter</th>
<th>Material</th>
<th>Wgt./Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Date</td>
<td>2/7/02</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water Level</td>
<td>12 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>12 ft.</td>
<td>120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td></td>
<td>110</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Yield</td>
<td>110</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If Pump Tested</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discharge Rate</td>
<td>110</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration of Test</td>
<td>110</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERMANENT PUMPING EQUIPMENT**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
<th>Diameter</th>
<th>Material</th>
<th>Wgt./Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed by</td>
<td>Tom House</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reg. No.</td>
<td>1079</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>13 ft.</td>
<td></td>
<td>33 lbs.</td>
<td></td>
</tr>
<tr>
<td>Capacity</td>
<td>110</td>
<td></td>
<td>10 HP</td>
<td></td>
</tr>
</tbody>
</table>

---

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company:** ANDERSON'S WELL DRILLING

**Well Driller (Print):** George Ely  
Driller's Signature:  
Registration No.: 3/1/03  
Date: 3/1/00  

**COPY: White - DEP**  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.

---

**GEOLOGIC LOG**

Note depths where water was encountered in consolidated formations.

- 0-3 Topsoil
- 3-13 Chalky Burren Sand
- 13-30 Medium Yellow Sand
- 30-41 Medium Yellow Sand
- 41-43 Medium Yellow Sand
- 43-49 Medium Yellow Sand
- 49-55 Medium Yellow Sand
- 55-60 Medium Yellow Sand

---

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:  
EASTING:  

OR

LATITUDE:  
LONGITUDE:  

---
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER: MARY FIRMAN
Address: 399 FRIES MILL ROAD
City: Franklinville
State: New Jersey
Zip Code: 08322

WELL LOCATION ADDRESS: 399 FRIES MILL ROAD
County: Gloucester
Municipality: Franklin Twp
Lot No.: 3
Block No.: 4002

WELL USE: Domestic Replacement

DATE WELL STARTED: 5-13-03
DATE WELL COMPLETED: 5-13-03

WELL CONSTRUCTION

Total Depth Drilled: 85 ft.
Finished Well Depth: 85 ft.
Borehole Diameter:
Top: 8 in.
Bottom: 8 in.
Well Casing Begins:
15 ft. above grade or
ft. below grade

Note: Measure all depths from land surface
Depth to Top (ft.): 1.5
Depth to Bottom (ft.): 175
Diameter (inches): 4
Material: PVC
Wgt./Rating (lbs/sch no.): Sch 40

WELL CONSTRUCTION:

Note: Measure all depths from land surface
Depth to Top (ft.): 1.5
Depth to Bottom (ft.): 175
Diameter (inches): 4
Material: PVC
Wgt./Rating (lbs/sch no.): Sch 40

RECORD OF TEST
Test Date: 5/13/03
Static Water Level: 26 ft. below land surface
Water Level Measured Using: Tape
Pumping Water Level: 24 ft. below land surface
Well Was Pumped Using: Air
Well Yield: 80 gpm
If Pump Tested: Discharge Rate N/A gpm
Duration of Test: N/A hours

PERMANENT PUMPING EQUIPMENT
Installed by: Tom Lesage
Reg. No.: 1072
Pump Type: Submersible
Depth of Pump below land surface: 50 ft.
Capacity: 1/2 gpm
Horsepower: 1/2

Grouting Method: Pressure
Drilling Method: Rotary

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations

-1 Brown Top Soil
1-8 White Sand, Very Coarse
8-18 Coarse to Medium White Sand
18-26 Orange Clay
26-40 Orange Sand and Gravel
40-65 Orange Sand, Medium
65-100 Well Drilled Clay
70-105 Yellow Sand, Fine
12-32 Yellow Sand, Fine to Medium
12-85 Medium to Course Yellow Sand

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: ANDERSON'S WELL DRILLING
Well Driller: Ronald Anderson
Driller's Signature: Ronald Anderson
Registration No.: 0980
Date: 5/16/03

ORIGINAL: DEP
COPIES: DRILLER
OWNER
HEALTH DEPARTMENT
New Jersey Department of Environmental Protection  
Bureau of Water Allocation  

OWNER  MIKE GORMLY  
Address  1291 WILLIAMSTOWN RD.  
City  Franklinville  
State  New Jersey  
Zip Code  08322  

WELL LOCATION ADDRESS  1291 WILLIAMSTOWN RD.  
County  Gloucester  
Municipality  Franklin Twp  
Lot No.  43  
Block No.  3905  

WELL USE  Domestic Replacement  

DATE WELL STARTED  12-6-04  
DATE WELL COMPLETED  12-6-04  

WELL CONSTRUCTION  
Total Depth Drilled  90  ft.  
Finished Well Depth  80  ft.  
Borehole Diameter:  
Top  8  in.  
Bottom  8  in.  
Well Casing Begins:  
15  ft. above grade or  
ft. below grade  

Note: Measure all depths from land surface  
Depth to Top (ft.)  1.5  
Depth to Bottom (ft.)  80  
Diameter (inches)  4  
Material  PVC  
Wgt./Rating (lbs/sch no.)  Schedule 40  

RECORD OF TEST  
Test Date  12-6-04  
Static Water Level  8  ft. below land surface  
Water Level Measured Using  Tape  
Pumping Water Level  8  ft. below land surface  
Well Was Pumped Using  Air  
Well Yield  75  gpm  
If Pump Tested Discharge Rate  N/A  gpm  
Duration of Test  N/A  hours  

PERMANENT PUMPING EQUIPMENT  
Installed by  Tom LeSage  
Reg No.  1072  
Pump Type  Submersible  
Depth of Pump below land surface  50  ft.  
Capacity  20  gpm Horsepower  1  

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.  

Drilling Company  ANDERSONS WELL DRILLING  
Well Driller (Print)  George Ely  
Driller's Signature  
Registration No.  JD1485  
Date  12/13/04  

Grouting Method  Pressure Grout/Trimline Pipe  
Drilling Method  Rotary  

GEOLOGIC LOG  
Note each depth where water was encountered in consolidated formations  

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2-9</td>
<td>Orange Sandy Clay</td>
</tr>
<tr>
<td>9-17</td>
<td>Gravel</td>
</tr>
<tr>
<td>17-28</td>
<td>Coarse White Sand</td>
</tr>
<tr>
<td>28-36</td>
<td>Medium White Sand</td>
</tr>
<tr>
<td>36-52</td>
<td>Tan &amp; White Clay</td>
</tr>
<tr>
<td>52-71</td>
<td>Coarse Yellow Sand</td>
</tr>
<tr>
<td>71-88</td>
<td>Medium Yellow Sand</td>
</tr>
<tr>
<td>88-90</td>
<td>Fine Milky Yellow Sand</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION  
(NAD 83 HORIZONTAL DATUM)  

NJ STATE PLANE COORDINATE IN US SURVEY FEET  
NORTHING:  
EASTING:  

OR  
LATITUDE: 0 _ _ _  
LONGITUDE: 0 _ _ _  

ORIGINAL: DEP  
COPIES: DRILLER  
OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER: DOUGLAS BUILDERS
Address: 1045 WILLIAMSTOWN RD.
City: Franklinville State: New Jersey Zip Code: 08322

WELL LOCATION ADDRESS: 1260 WILLIAMSTOWN RD.
County: Gloucester Municipality: Franklin Twp Lot No.: 18 Block No.: 4001

WELL USE: Domestic

DATE WELL STARTED: 7/28/05
DATE WELL COMPLETED: 7/28/05

WELL CONSTRUCTION
Total Depth Drilled: 133 ft.
Finished Well Depth: 133 ft.
Borehole Diameter:
  Top: 8 in.
  Bottom: 8 in.

Well Casing Begins: +1 ft. above grade or

Noted: Measure all depths from land surface

<p>| Depth to | Depth to | Diameter | Material | Wgt./Rating |</p>
<table>
<thead>
<tr>
<th>Top (ft.)</th>
<th>Bottom (ft.)</th>
<th>(inches)</th>
<th></th>
<th>(lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1</td>
<td>123</td>
<td>4</td>
<td>PVC</td>
</tr>
</tbody>
</table>

Middle Casing (for triple cased wells only)

Outer Casing (largest diameter)

Open Hole or Screen (No. Used)
  123 133 4 PVC Sch. 40

Blank Casings (No. Used)

Tail Piece

Gravel Pack
  121 133 #2 sand

Grout
  3.5 121 Neat Cement Bentonite 600 lbs

RECORD OF TEST
Test Date: 7/28/05
Static Water Level: 20 ft. below land surface
Water Level Measured Using: string/tape
Pumping Water Level: 28 ft. below land surface
Well Was Pumped Using: Submersible
Well Yield: 20 gpm
If Pump Tested: Discharge Rate: gpm
  Duration of Test: 1 hours

PERMANENT PUMPING EQUIPMENT
Installed by: J.R.D'Agostino, Jr Reg. No.: 24997
Pump Type: Submersible
Depth of Pump below land surface: 40 ft.
Capacity: 10 gpm Horsepower: 1/2 HP

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: D'AGOSTINO'S WATER SOLUTIONS, LLC
Well Driller (Print): Paul Belan
Driller's Signature: Paul Belan
Registration No.: 1027 Date: 8/12/05

Grouting Method: Tremie pipe
Drilling Method: Mud rotary

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations
0'-2' topsoil brown
2'-12' gravelly clay yellow brown
12'-28' sand med. to coarse yellow brown
28'-43' clay yellow brown
43'-57' sand coarse yellow brown
57'-62' clay yellow brown & white
62'-73' sand coarse to med. orange to yellow brown
73'-84' sand med a little coarse yellow to lt. brown
84'-122' sand fine little med. yellow to lt. brown
84'-123' sand fine little med. yellow to lt. brown

AS-BUILT WELL LOCATION (NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: EASTING: OR

LATITUDE: " " " " LONGITUDE: " " " "

OWNER: HEALTH DEPARTMENT
122'-133' sand med. lt to yellow brown
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER JILL & TODD WASHINGTON
Address RT 47 PO BOX 577
City Clayton State New Jersey Zip Code 08312

WELL LOCATION ADDRESS RT 47
County Gloucester Municipality Franklin Twp Lot No. 11 Block No. 4001

WELL USE Domestic Replacement

DATE WELL STARTED 3-24-05
DATE WELL COMPLETED 3-24-05

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th></th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>90</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>90</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Borehole Diameter:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.5 ft. above grade or</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 ft. below grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Measure all depths from land surface

RECORD OF TEST

<table>
<thead>
<tr>
<th>Test Date</th>
<th>3/24/05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>11 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>11 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>AIR</td>
</tr>
<tr>
<td>Well Yield</td>
<td>80 gpm</td>
</tr>
<tr>
<td>If Pump Tested</td>
<td>Discharge Rate</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>N/A hours</td>
</tr>
</tbody>
</table>

Grouting Method | Pressure Grout w/ Hreme Pump

Drilling Method | Rotary

PERMANENT PUMPING EQUIPMENT

<table>
<thead>
<tr>
<th>Installed by</th>
<th>Tom LeSage Reg. No. 10172</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>45 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 gpm</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1/2</td>
</tr>
</tbody>
</table>

Grout
| 3 | 80 |
| Neat Cement Bentonite | 352 lbs |

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company | ANDERSONS WELL DRILLING
Well Driller (Print) | George Elg
Driller's Signature | [Signature]
Registration No. | [Registration No.]
Date | 4/18/05

GEOLOGIC LOG

1.0-2 Top Soil
2.9-3.2 Tan & White Clay w/ Gravel
3.1-3.1 Medium White Sand
4.4-4.6 Brown Clay
5.0-7.3 Coarse Yellow Sand
7.9-9.0 Medium Yellow Sand

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: ___________ EASTING: ___________

OR

LATITUDE: ___________ " LONGITUDE: ___________

ORIGINAL: DEP

COPY: DRILLER

OWNER

HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Systems and Well Permitting

WELL RECORD

OWNER  WILLIAM THOMAS
Address  373 FRIES MILL ROAD
City  Franklinville
County  Gloucester  Municipality  Franklin Twp
State  New Jersey  Zip Code  08322

WELL LOCATION ADDRESS  373 FRIES MILL ROAD
Lot No.  1  Block No.  4002

WELL USE  Domestic Replacement  DATE WELL STARTED  4/24/06
DATE WELL COMPLETED  4/24/06

WELL CONSTRUCTION
Total Depth Drilled  100 ft.
Finished Well Depth  100 ft.
Borehole Diameter:
Top  8 in.
Bottom  8 in.
Well Casing Begins:
2 ft. above grade or
ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+2 90 4</td>
<td>PVC</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used .010 )</td>
<td>90 100 4</td>
<td>PVC</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used )</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85 100 8</td>
<td>#1 sand</td>
<td>6.55</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0 85 8</td>
<td>500 lbs</td>
<td>250 lbs</td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date  4/24/06
Static Water Level  19.5 ft. below land surface
Water Level Measured Using  M-scope
Pumping Water Level  ft. below land surface
Well Was Pumped Using Airlift
Well Yield  50 gpm
If Pump Tested  Discharge Rate  NA gpm
Duration of Test  NA hours

PERMANENT PUMPING EQUIPMENT
Installed by  Karl Hitzelberger  Reg. No.  M1030
Pump Type  Submersible
Depth of Pump below land surface  55 ft.
Capacity  20 gpm  Horsepower  1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  UNI-TECH DRILLING CO INC
Well Driller (Print)  Karl Hitzelberger
Driller's Signature  Karl Hitzelberger
Registration No.  M1030  Date  4/24/06

Drilling Method  Pressure Trench
Grouting Method  Mud Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations
0-5 Tan CMF sand
5-11 Orange silty clay
11-27 White to tan MF sand
27-38 Tan clay w/ some sand
38-73 CMF sand w/ lenses of clay
73-100 MF sand, trace clay

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING:  EASTING:

OR

LATITUDE: ° ´ "  LONGITUDE: ° ´ "

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
**WELL RECORD**

**OWNER**
CLIFFORD, ERNEST

**Address**
89 RT 206

**City**
HAMMONTON

**State**
NJ

**Zip Code**

**WELL LOCATION ADDRESS**
56 MYRTLE AVE

**County**
GLOUCESTER

**Municipality**
FRANKLIN TWP

**Lot No.**
3

**Block No.**
3504

**WELL USE**
DOMESTIC REPLACEMENT

**DATE WELL STARTED**
4/10/02

**DATE WELL COMPLETED**
4/10/02

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sack no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>70</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>70</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ft. above grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ft. below grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>58</td>
<td>70</td>
<td></td>
<td></td>
<td>#1 more</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Description</th>
<th>4/10/02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Date</td>
<td>4/10/02</td>
</tr>
<tr>
<td>Static Water Level</td>
<td>13 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>43 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td></td>
</tr>
<tr>
<td>Well Yield</td>
<td>60+ gpm</td>
</tr>
<tr>
<td>If Pump Tested</td>
<td></td>
</tr>
<tr>
<td>Duration of Test</td>
<td>1 hours</td>
</tr>
</tbody>
</table>

**PERMANENT PUMPING EQUIPMENT**

<table>
<thead>
<tr>
<th>Description</th>
<th>2421</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed by</td>
<td>P. Restuccio</td>
</tr>
<tr>
<td>Reg. No.</td>
<td>2421</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Sub</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>40 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 gpm</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1/2</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company**
SOUTH JERSEY WELL DRILLING

**Well Driller (Print)**
D. Restuccio

**Driller's Signature**
[Signature]

**Registration No.**
1233

**Date**
4/11/02

**COPIES:**
White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.

**GEOLOGIC LOG**

Note depths where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>Silt</td>
</tr>
<tr>
<td>1-6</td>
<td>Orange sand</td>
</tr>
<tr>
<td>6-25</td>
<td>Large orange gravel</td>
</tr>
<tr>
<td>25-33</td>
<td>Orange: white clay</td>
</tr>
<tr>
<td>33-57</td>
<td>Orange: Iron oxide gravel</td>
</tr>
<tr>
<td>57-70</td>
<td>Coral: brown sand</td>
</tr>
</tbody>
</table>

**AS-BUILT WELL LOCATION**
(NAD 83 HORIZONTAL DATUM)

**NJ STATE PLANE COORDINATE IN US SURVEY FEET**

<table>
<thead>
<tr>
<th>Northing</th>
<th>Easting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**WELL RECORD**

**OWNER**
ROSSI, GREG & VICKI
891 WILLIAMSTOWN RD

**WELL LOCATION ADDRESS**
City: FRANKLINVILLE
State: NJ
Zip Code:

**WELL USE**
DOMESTIC REPLACEMENT

**DATE WELL STARTED**
7/28/99

**DATE WELL COMPLETED**
7/28/99

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (Inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/each no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>12</td>
<td>90</td>
<td>4&quot;</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 1020)</td>
<td>90</td>
<td>100</td>
<td>4&quot;</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td>8&quot;</td>
<td>#15 Sand</td>
<td>500 lbs</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td>8&quot;</td>
<td>Neat Cement Bentonite</td>
<td>300 lbs</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Static Water Level</th>
<th>Water Level Measured Using</th>
<th>Pumping Water Level</th>
<th>Well Was Pumped Using</th>
<th>Well Yield</th>
<th>If Pump Tested</th>
<th>Discharge Rate</th>
<th>Duration of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>11 ft. below land surface</td>
<td>Tape</td>
<td>NA</td>
<td>ft. below land surface</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

**PERMANENT PUMPING EQUIPMENT**

- Installed by: Joseph Jester, Reg. No. 1399
- Pump Type: Submersible
- Depth of Pump below land surface: 40 ft.
- Capacity: 12 gpm
- Horsepower: 1/2 hp

**GEOLGIC LOG**

| 0-21' | orange CME sand |
| 21-50' | tan CME sand |
| 50-64' | tan/white clay |
| 64-100' | tan CME sand |

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

Drilling Company: UNITECH DRILLING

Well Driller (Print): Joseph Jester

Driller's Signature: Joseph Jester

Registration No.: DJ1399 Date: 7/14/99

**COPY: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.**
**WELL RECORD**

**OWNER** ALAMPI, DIANE  
**Address** 16 STATION AVE  
**City** FRANKLINVILLE  
**State** NJ  
**Zip Code** 08322  
**WELL LOCATION ADDRESS** 16 STATION AVE  
**County** GLOUCESTER  
**Municipality** FRANKLIN TWP  
**WELL USE** DOMESTIC REPLACEMENT  
**Date Well Started** 7/17/01  
**Date Well Completed** 7/17/01  
**Well Permit Number** 31-61177

**WELL CONSTRUCTION**

- **Total Depth Drilled**: 95 ft.  
- **Finished Well Depth**: 95 ft.  
- **Borehole Diameter**:
  - **Top**: 8 in.  
  - **Bottom**: 8 in.  
- **Well Casing Begins**:
  - 1.5 ft. above grade or
  - ______ ft. below grade

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/schl. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>85</td>
<td>4</td>
<td>PVC</td>
<td>sch 40</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>95</td>
<td>#2</td>
<td>gravel</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>85</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

- **Test Date**: 7/17/01  
- **Static Water Level**: 17 ft. below land surface  
- **Water Level Measured Using**: tape  
- **Pumping Water Level**: 17 ft. below land surface  
- **Well Was Pumped Using**: air  
- **Well Yield**: 75 gpm  
- **If Pump Tested**: Discharge Rate N/A gpm  
- **Duration of Test**: N/A hours

**PERMANENT PUMPING EQUIPMENT**

- **Installed by**: Tom Lesage  
- **Reg. No.**: 1072  
- **Pump Type**: Submersible  
- **Depth of Pump below land surface**: 40 ft.  
- **Capacity**: 12 gpm  
- **Horsepower**: 1/2 hp

I certify that I have constructed the above-referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**ANDERSON'S WELL DRILLING**

- **Drilling Company**: George Ely  
- **Well Driller (Print)**: George Ely  
- **Driller's Signature**: George Ely  
- **Registration No.**: J1485  
- **Date**: 6/15/01

**COPIES**: White - DEP  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.

**GEOLOGIC LOG**

- **0-2 Topsoil**
- 2-14 Coarse yellow sand w/orange clay
- 14-32 Coarse yellow sand
- 32-57 Fine yellow sand
- 57-62 Coarse yellow sand w/yellow clay
- 62-95 Med. yellow sand

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)  
NJ STATE PLANE COORDINATE IN US SURVEY FEET

**NORTHING**: ________  
**EASTING**: ________

**LATITUDE**: ________  
**LONGITUDE**: ________
O

R E C O R D OF T E S T

Test Date 8 / 2 / 02
Static Water Level 26 ft. below land surface
Water Level Measured Using M - Scope
Pumping Water Level 90 ft. below land surface
Well Was Pumped Using High Lift
Well Yield 50 gpm
If Pump Tested: Discharge Rate N/A gpm
Duration of Test 1 hour

P E R M A N E N T P U M P I N G E Q U I P M E N T

Installed by Karl Hitzelberger Reg. No. 1 5 3 0
Pump Type Submersible
Depth of Pump below land surface 120 ft.
Capacity 72 gpm Horsepower 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

D r i l l i n g C o m p a n y

UNI-TECH DRILLING

W e l l D r i l l e r ( P r i n t )

Karl Hitzelberger

D r i l l e r ' s S i g n a t u r e

Karl Hitzelberger

R e g i s t r a t i o n N o

M 1 S B 0 Date 1 / 1 / 0 2


W E L L R E C O R D

O W N E R  CONSTANTINE, EDWARD & KEL

A d d r e s s  PORCHTW- WILLIAMSTOWN RD

C i t y  FRANKLINVILLE

W E L L L O C A T I O N A D D R E S S  PORCHTW- WILLIAMSTOWN RD

C o u n t y  GLOUCESTER

W E L L U S E DOMESTIC REPLACEMENT

O w n e r ' s W e l l N o .

L o t N o . 9

B l o c k N o . 3 5 0 4

D A T E W E L L S T A R T E D 8 / 2 / 0 2

D A T E W E L L C O M P L E T E D 8 / 2 / 0 2

W E L L C O N S T R U C T I O N

T o t a l D e p t h D r i l l e d 1 0 0 ft.

F i n i s h e d W e l l D e p t h 1 0 0 ft.

B o r e h o l e D i a m e t e r:

T o p 8 i n.

B o t t o m 8 in.

W e l l C a s i n g B e g i n s:

2 ft. above grade or ft. below grade

N o t e : M e a s u r e a l l d d e p t h s f r o m l a n d s u r f a c e

D e p t h t o T o p ( f t . )

D e p t h t o B o t t o m ( f t . )

D i a m e t e r ( i n c h e s )

M a t e r i a l

W g t . / R a t i n g

(b l s / s c h n o . )

S i n g l e / I n n e r C a s i n g 8 8 5 4 P V C 4 0

M i d d l e C a s i n g

O u t e r C a s i n g

O p e n H o l e o r S c r e e n

B l a n k C a s i n g s

T a i l P i e c e 9 5 1 0 0 4 P V C 4 0

G r a v e l P a c k 8 0 1 0 0 8

G r o u t 0 8 0 8 N e a t C e m e n t 3 5 0 lbs.

B e n t o n i t e

G R O U T I N G M E T H O D Pressure Trench

D r i l l i n g M e t h o d N e u d R o t a r y

G E O L O G I C L O G

Note depths where water was encountered in consolidated formations.

0 - 1 0 S a n d & G r a v e l o r a n g e

1 0 - 1 5 O r a n g e C l a y

1 5 - 3 3 W h i t e C M F S a n d

3 3 - 4 1 T a n C l a y

4 1 - 9 5 W h i t e C M F S a n d

9 5 - 1 0 0 C l a y

A S - B U I L T W E L L L O C A T I O N


N O R T H I N G: E A S T I N G :  

L A T I T U D E: 0° 0' 0" L O N G I T U D E: 0° 0' 0"

C O P I E S: W h i t e - D E P C a n a r y - D r i l l e r P i n k - O w n e r G o l d e n r o d - H e a l t h D e p t.
OWNER: CERINO, CHARLES

Address: 614 GEORGE STREET
FRANKLINVILLE, NJ

WELL LOCATION ADDRESS: 1036 WILLIAMSTOWN ROAD
GLOUCESTER COUNTRY, FRANKLIN TWP

WELL USE: DOMESTIC REPLACEMENT

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Depth to</th>
<th>Depth to</th>
<th>Diameter</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top (ft.)</td>
<td>Bottom (ft.)</td>
<td>(inches)</td>
<td></td>
</tr>
<tr>
<td>Single/Inner Casing</td>
<td>10</td>
<td>90</td>
<td>4</td>
</tr>
<tr>
<td>Middle Casing</td>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td>(largest diameter)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>90</td>
<td>100</td>
<td>4</td>
</tr>
<tr>
<td>Blank Casings</td>
<td>(No. Used</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td>8</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td>8</td>
</tr>
</tbody>
</table>

RECORD OF TEST

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Static Water Level</th>
<th>Water Level Measured Using</th>
<th>Pumping Water Level</th>
<th>Well Was Pumped Using</th>
<th>Well Yield</th>
<th>Duration of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/15/02</td>
<td>14 ft. below land surface</td>
<td>M-scope</td>
<td>50 ft. below land surface</td>
<td>Airlift</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>If Pump Tested:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grouting Method</td>
<td>Drilling Method</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pressure</td>
<td>Rotary</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-20 ft.</td>
<td>Orange CMF sand + gravel</td>
</tr>
<tr>
<td>26-85 ft.</td>
<td>Some clay</td>
</tr>
<tr>
<td>85-100 ft.</td>
<td>CMF Talc Sand</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNI-TECH DRILLING

Well Driller (Print): James Evans
Driller's Signature: James Evans
Registration No.: 23950

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ___________ EASTING: ___________

LATITUDE: 0 ° 0' 0" LONGITUDE: 0 ° 0' 0"

COPYIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER ALLOCATION

WELL RECORD

OWNER

COAL BUILDERS

Address

PO BOX 473

HAINESPORT

City

State

NJ

Zip Code

08036

WELL LOCATION ADDRESS

CROSBY RD

GLOUCESTER

MUNICIPALITY

FRANKLIN TWP

Lot No.

3

Block No.

4114

WELL USE

DOMESTIC

DATE WELL STARTED

05/27/03

DATE WELL COMPLETED

05/27/03

WELL CONSTRUCTION

Total Depth Drilled

90 ft.

Finished Well Depth

90 ft.

Borehole Diameter:

Top

8 in.

Bottom

8 in.

Well Casing Begins:

1.5 ft. above grade or

6 ft. below grade

Note: Measure all depths from land surface

<p>| Depth to | Depth to | Diameter | Material | Wgt./Rating |</p>
<table>
<thead>
<tr>
<th>Top (ft.)</th>
<th>Bottom (ft.)</th>
<th>(inches)</th>
<th></th>
<th>(lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>80</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td>80</td>
<td>90</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>90</td>
<td>#2 Well Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>80</td>
<td>Neat Cement Bentonite</td>
<td>252 lbs.</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date

05/27/03

Static Water Level

17 ft. below land surface

Water Level Measured Using

tape

Pumping Water Level

17 ft. below land surface

Well Was Pumped Using

air

Well Yield

100 gpm

If Pump Tested:

Discharge Rate

N/A gpm

Duration of Test

N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by

Tom LeSage

Reg. No.

1072

Pump Type

Submersible

Depth of Pump below land surface

12 ft.

Capacity

12 gpm Horsepower

1/2 HP

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Henry Brotnitsky supervised by

Anderson's Well Drilling

Well Driller (Print)

George Ely

Driller's Signature

George Ely

Registration No.

JD1485

Date

7/22/03

copy:

Goldenrod - Health Dept.

Grouting Method

Pressure grout w/ tremie

Drilling Method

Rotary pipe

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

0-7 Topsoil

2-14 Orange clay & gravel

14-26 Gravel

26-41 Coarse white sand

41-58 Medium white sand

58-63 Tan & white clay

63-88 Coarse yellow sand

88-90 Medium to fine yellow sand & grey clay

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:__________EASTING:__________

OR

LATITUDE:__________"LONGITUDE:__________"

4B
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner: JOB, ALFRED
Address: 701 W. RED BANK AVE.
City: WOODBURY
County: GLOUCESTER
Municipality: FRANKLIN TWP
Well Permit Number: 31-59797
Well Location Address: PENNSYLVANIA AVE.
Owner's Well No.: 
Lot No.: 60
Block No.: 1201

Well Use: DOMESTIC

Well Construction
Total Depth Drilled: 90 ft.
Finished Well Depth: 90 ft.
Borehole Diameter:
Top: 8 in.
Bottom: 8 in.
Well Casing Begins: 1/2 ft. above grade or ft. below grade

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/each no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>11.5</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>80</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>80</td>
<td>80</td>
<td></td>
<td>Neat Cement</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>4</td>
<td>80</td>
<td></td>
<td>Bentonite</td>
<td>750 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date: 9/24/01
Static Water Level: 28 ft. below land surface
Water Level Measured Using: Tape Measure
Pumping Water Level: 75 gpm ft. below land surface
Well Was Pumped Using: Air Lift
Well Yield: 75 gpm
If Pump Tested: Discharge Rate: gpm Duration of Test: hours

Grouting Method: Pump Trimite Pipe
Drilling Method: Mud Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
<th>Color</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Brown Subsoil</td>
<td>TO-SOL</td>
<td></td>
</tr>
<tr>
<td>2-8</td>
<td>Yellow Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-10</td>
<td>Orange Clay</td>
<td>CLAY</td>
<td></td>
</tr>
<tr>
<td>10-15</td>
<td>Yellow Sand</td>
<td>SAND</td>
<td></td>
</tr>
<tr>
<td>15-25</td>
<td>Brown Medium</td>
<td>CLAY</td>
<td></td>
</tr>
<tr>
<td>25-35</td>
<td>Yellow Sand</td>
<td>SAND</td>
<td></td>
</tr>
<tr>
<td>35-50</td>
<td>Yellow Sand</td>
<td>SAND</td>
<td></td>
</tr>
<tr>
<td>50-60</td>
<td>Yellow Medium Coarse Sand</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: AL'S WATER PUMP SERVICE INC
Well Driller (Print): GEORGE ELI
Driller's Signature: GEORGE ELI
Registration No.: 50-1224 Date: 9/24/01
**New Jersey Department of Environmental Protection**
**Bureau of Water Allocation**

**WELL RECORD**

**Well Permit Number**
31 - 62009

**Atlas Sheet Coordinates**
31 - 32 - 796

**Owner**
PFEIL, DONNA

**Address**
299 FRIES MILL RD
FRANKLIN TWP.

**City**

**State**
NJ

**Zip Code**
08322

**Well Location Address**
GLOUCESTER

**Municipality**
FRANKLIN TWP

**Lot No.**
23

**Block No.**
4001

**Well Use**
DOMESTIC REPLACEMENT

**DATE WELL STARTED**
10 / 18 / 01

**DATE WELL COMPLETED**

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
<td>sch40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>80</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>sch40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>80</td>
<td>90</td>
<td>x 8</td>
<td>Well Gravel</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>80</td>
<td></td>
<td>Neat Cement</td>
<td>Bentonite</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

Test Date 10 / 10 / 01

Static Water Level 90 ft. below land surface

Water Level Measured Using Tape

Pumping Water Level 90 ft. below land surface

Well Was Pumped Using

Well Yield 120 gpm

If Pump Tested: Discharge Rate N/A gpm

Duration of Test N/A hours

**PERMANENT PUMPING EQUIPMENT**

Installed by ANDERSON'S WELL DRILLING

**Registrar No.**
1072

**Well Driller (Print)** George Ely

**Registration No.** 40685 Date 11 / 29 / 01

**Driller's Signature**

**Drilling Company**

**Geologic Log**

<table>
<thead>
<tr>
<th>Note depths where water was encountered in consolidated formations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2 Toppaces Trapp 6-12 Claye Yellow Sand</td>
</tr>
<tr>
<td>2-3 Claye Yellow Sand</td>
</tr>
<tr>
<td>3-4 Claye Yellow Sand</td>
</tr>
<tr>
<td>4-5 Calcium Carbonate Slurry</td>
</tr>
<tr>
<td>5-7 Claye Yellow Sand</td>
</tr>
<tr>
<td>7-8 Medium Yellow Sand</td>
</tr>
<tr>
<td>8-10 Medium Yellow Sand</td>
</tr>
<tr>
<td>10-12 Medium Yellow Sand</td>
</tr>
<tr>
<td>13-15 Medium Yellow Sand</td>
</tr>
<tr>
<td>15-16 Fine Milly Yellow Sand</td>
</tr>
</tbody>
</table>

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ___________________ EASTING: ___________

OR

LATITUDE: _______ " " LONGITUDE: _______ " "

**COPIES:** White - DEP  Canary - Driller  Pink - Owner
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER  LINDA ROSENBERG
Address  2016 DELSEA DRIVE
City  Franklinville
State  New Jersey
Zip Code  08322

WELL LOCATION ADDRESS  2016 DELSEA DRIVE
County  Gloucester
Municipality  Franklin Twp
Lot No.  9
Block No.  4001
Owner’s Well No.

WELL USE  Domestic Replacement

DATE WELL STARTED  10/4/06
DATE WELL COMPLETED  10/4/06

WELL CONSTRUCTION
Total Depth Drilled  100 ft.
Finished Well Depth  100 ft.
Borehole Diameter:
Top  8 in.
Bottom  8 in.

Well Casing Begins:
+2 ft. above grade or
__ ft. below grade

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>92</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>SCH30</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 020)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
<td>SCH30</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date  10/4/06
Static Water Level  22 ft. below land surface
Water Level Measured Using  M-scene
Pumping Water Level  N/A ft. below land surface
Well Was Pumped Using  Airlift
Well Yield  40 gpm
If Pump Tested  Discharge Rate  N/A gpm
Duration of Test  N/A hours

PERMANENT PUMPING EQUIPMENT
Installed by  James Evans  Reg. No.  M1632
Pump Type  Submersible
Depth of Pump below land surface  60 ft.
Capacity  12 gpm
Horsepower  1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  UNI-TECH DRILLING CO INC
Well Driller (Print)  James Evans
Driller’s Signature  James Evans
Registration No.  M1632
Date  10/4/06

Grouting Method  Pressure-Trench
Drilling Method  Mud Rotary

GEOLOGIC LOG
| Note each depth where water was encountered in consolidated formations |
|---|---|---|---|---|
| 0-18 ft. | CF Tan Clayey Sand & gravel |
| 18-31 ft. | MF Tan Sand |
| 31-35 ft. | White Clay |
| 35-50 ft. | MF Tan Sand w/white clay streaks |
| 50-100 ft. | MF Tan Sand |

AS-BUILT WELL LOCATION (NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING:  ___________  EASTING:  ___________
OR
LATITUDE:  ___________  "LONGITUDE:  ___________

ORIGINAL: DEP
COPIES: DRILLER
OWNER
HEALTH DEPARTMENT
**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**BUREAU OF WATER ALLOCATION**

**WELL RECORD**

**OWNER**
HARRISON, JOSHUA

**Address**
860 WILLIAMSTOWN ROAD
FRANKLINVILLE

**City**

**State**
NJ

**Zip Code**

**WELL LOCATION ADDRESS**
860 WILLIAMSTOWN RD

**County**

**Municipality**
FRANKLIN TWP

**Lot No.**
1 & 6

**Block No.**
4101

**WELL USE**
DOMESTIC REPLACEMENT

**DATE WELL STARTED**
08/11/01

**DATE WELL COMPLETED**
08/11/01

---

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Total Depth Drilled</th>
<th>95 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finished Well Depth</td>
<td>95 ft.</td>
</tr>
</tbody>
</table>

**Borehole Diameter:**
- **Top:** 8 in.
- **Bottom:** 8 in.

**Well Casing Begins:**
- 2 ft. above grade or
- 2 ft. below grade

---

### RECORD OF TEST

<table>
<thead>
<tr>
<th>Test Date</th>
<th>08/11/01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>31 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape Measure</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>40 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air Lift</td>
</tr>
<tr>
<td>Well Yield</td>
<td>50 gpm</td>
</tr>
<tr>
<td>If Pump Tested: Discharge Rate</td>
<td>NA gpm</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>hours</td>
</tr>
</tbody>
</table>

---

### PERMANENT PUMPING EQUIPMENT

<table>
<thead>
<tr>
<th>Installed by</th>
<th>UNI-TECH DRILLING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>60 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>20 gpm Horserpower 1</td>
</tr>
</tbody>
</table>

---

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company**
UNI-TECH DRILLING

**Well Driller (Print)**
Karl Hitzelberger

**Driller's Signature**
Karl Hitzelberger

**Registration No.**
M1532  Date 09/10/01

**COPIES:**
White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.

---

### GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Depth</th>
<th>Formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-15</td>
<td>Orange Sand and gravel</td>
</tr>
<tr>
<td>15-23</td>
<td>Orange Clay</td>
</tr>
<tr>
<td>23-38</td>
<td>Yellow Olde Sand</td>
</tr>
<tr>
<td>38-42</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>42-68</td>
<td>Olde Sand w/ Clay Lenses</td>
</tr>
<tr>
<td>68-90</td>
<td>White Olde Sand</td>
</tr>
<tr>
<td>90-95</td>
<td>Yellow and Black Clay</td>
</tr>
</tbody>
</table>

---

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)  
NJ STATE PLANE COORDINATE IN US SURVEY FEET

**NORTHING:**

**EASTING:**

**LATITUDE:**

**LONGITUDE:**
**New Jersey Department of Environmental Protection**  
**Bureau of Water Allocation**

### WELL RECORD

**Owner:** SLUSARZ, RAYMOND F  
**Address:** 881 WILLIAMSTOWN RD  
**City:** FRANKLINVILLE  
**State:** NJ  
**Zip Code:** 08322  
**County:**  
**Municipality:**  
**Lot No.:** 44  
**Block No.:** 3503  
**Owner's Well No.:** 3169419  
**Well Permit Number:** E  
**Well Use:** DOMESTIC REPLACEMENT  
**Date Well Started:** 8/25/01  
**Date Well Completed:** 8/25/01

#### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Feature</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>85</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td>Top 8 in.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bottom 8 in.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td>15 ft. above grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>or 23 ft. below grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### RECORDED OF TEST

<table>
<thead>
<tr>
<th>Test Date</th>
<th>8/25/01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>15 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>15 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air</td>
</tr>
<tr>
<td>Well Yield</td>
<td>50 gpm</td>
</tr>
<tr>
<td>If Pump Tested:</td>
<td>Discharge Rate N/A gpm</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>N/A hours</td>
</tr>
</tbody>
</table>

#### PERMANENT PUMPING EQUIPMENT

- Installed by: Thompson & Hanan, Reg. No. 1072
- Pump Type: Submersible
- Depth of Pump below land surface: 15 ft.
- Capacity: 50 gpm
- Horsepower: 5 hp

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**ANDERSON'S WELL DRILLING**

**Well Driller (Print):** Dan Carter  
**Driller's Signature:** Daniel Carter  
**Registration No.:** 31854  
**Date:** 10/29/01

### GEOLOGIC LOG

- 0-1 Brown Tactile Clay
- 1-10 Yellow Coarse Sand
- 10-18 Red Clay
- 18-30 Yellow Coarse Sand
- 30-45 Orange Fine to Medium Sand
- 45-57 Yellow Clay
- 57-61 Yellow Medium Sand
- 61-85 Yellow Coarse Sand

**Grouting Method:** Pressure Grouting  
**Drilling Method:** Diameter

### AS-BUILT WELL LOCATION

**NJ State Plane Coordinate in US Survey Feet**

**NORTTHING:**   
**EASTING:**   

**OR**

**LATITUDE:**   
**LONGITUDE:**   

**COPIES:**  White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner: FENNMORE, ALLAN
Address: 901 WILLIAMSTOWN RD
City: FRANKLINVILLE
County: GLOUCESTER
Municipality: FRANKLIN TWP

Well Permit Number
Well Permit Number
31

Atlas Sheet Coordinates
31 32 797

Owner’s Well No.
Lot No.
3503
Block No.

WELL LOCATION ADDRESS
Date Well Started
7/17/02
Date Well Completed
7/17/02

WELL USE
DOMESTIC REPLACEMENT

WELL CONSTRUCTION
Total Depth Drilled
100 ft.
Finished Well Depth
100 ft.

Borehole Diameter:
Top
8 in.
Bottom
8 in.

Well Casing Begins:
3 ft. above grade or

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>42</td>
<td>90</td>
<td>4&quot;</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>90</td>
<td>100</td>
<td>4&quot;</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>(No. Used: 0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used: )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td>8</td>
<td>#1 Sand</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td>8</td>
<td>Neat Cement Bentonite 30 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date
7/17/02
Static Water Level
15 ft. below land surface
Water Level Measured Using
m-SCOPE
Pumping Water Level
80 ft. below land surface
Well Was Pumped Using
AERILIFT
Well Yield
50 gpm
If Pump Tested:
Discharge Rate
NA gpm
Duration of Test

PERMANENT PUMPING EQUIPMENT
Installed by
DAVID CONOVER Reg. No. MIS21
Pump Type
Submersible
Depth of Pump below land surface
50 ft.
Capacity
20 gpm
Horsepower
1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

UNI-TECH DRILLING
Drilling Company
Default Driller (Print)
Default Driller’s Signature
Registration No.
MIS21
Date 7/29/02

GEOLOGIC LOG
Note depths where water was encountered in consolidated formations.

- 0-10 CMF Sand/Gravel
- 10-46 CMF Sand/Gravel
- 46-50 Tan/White Clay
- 50-108 CMF Sand Tan

AS-BUILT WELL LOCATION
NAD 83 HORIZONTAL DATUM
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ___________ EASTING: ___________

OR

LATITUDE: ___________ " LONGITUDE: ___________

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
OWNER
GIGLIO, DONNA

Address 2 EDEN RD
TURNERSVILLE

City
NJ
Zip Code

WELL LOCATION ADDRESS WILLIAMSTOWN RD
GLOUCESTER Municipality FRANKLIN TWP

Lot No.
Block No.

WELL USE DOMESTIC

DATE WELL STARTED 5/10/03
DATE WELL COMPLETED 5/10/03

WELL CONSTRUCTION

Total Depth Drilled 140 ft.
Finished Well Depth 140 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well Casing Begins:
  1 ft. above grade or
  ft. below grade

Well Construction Table

| Note: Measure all depths from land surface | Depth to Top (ft.) | Depth to Bottom (ft.) | Diameter (inches) | Material | Wgt./Rating
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td></td>
<td></td>
<td></td>
<td>PVC</td>
<td>5040</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td>PVC</td>
<td>5040</td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td>PVC</td>
<td>5040</td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>130</td>
<td>140</td>
<td>4</td>
<td>PVC</td>
<td>5040</td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td>PVC</td>
<td>5040</td>
</tr>
<tr>
<td>Tail Piece</td>
<td>125</td>
<td>140</td>
<td>4</td>
<td>PVC</td>
<td>5040</td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>4</td>
<td>12.5</td>
<td>4</td>
<td>PVC</td>
<td>5040</td>
</tr>
<tr>
<td>Grout</td>
<td></td>
<td></td>
<td></td>
<td>PVC</td>
<td>5040</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 5/10/03
Static Water Level 8 ft. below land surface
Water Level Measured Using Steel tape
Pumping Water Level 25 ft. below land surface
Well Was Pumped Using Air Lift
Well Yield 40 gpm
If Pump Tested: Discharge Rate 40 gpm
Duration of Test 1 hour

PERMANENT PUMPING EQUIPMENT

Installed by HOOVER GARRISON Reg. No. J1049
Pump Type 5 hp
Depth of Pump below land surface 25 ft.
Capacity 15 gpm Horsepower 1/2 hp

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

HOOVER GARRISON

Drilling Company

Well Driller (Print) HOOVER GARRISON
Driller's Signature
Registration No. J1049 Date 5/10/03

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

0 - 15 Sandstone
15 - 40 Sand
40 - 60 Sand Clay
60 - 95 Clay Sand
95 - 100 Clay
100 - 125 Fine Sand Clay
125 - 140 Mud Course Clay Sand

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ___________ EASTING: ___________
OR

LATITUDE: _°_"_ " LONGITUDE: _°_"_ 

Well Permit Number 31 65099
Atlas Sheet Coordinates 31 32 797
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER DONNA GIGLIO

Address 997 WILLIAMSTOWN RD.

City Franklinville State New Jersey Zip Code 08102

WELL LOCATION ADDRESS 997 WILLIAMSTOWN RD. Owner’s Well No.

County Gloucester Municipality Franklin Twp Lot No. 1 Block No. 4107

WELL USE Domestic Replacement

DATE WELL STARTED 10-28-03

DATE WELL COMPLETED 10-28-03

WELL CONSTRUCTION

Total Depth Drilled 140 ft.

Finished Well Depth 140 ft.

Borehole Diameter:

Top 8 in.

Bottom 8 in.

Well Casing Begins:

1 ft. above grade or

ft. below grade

Note: Measure all depths from land surface

Depth to Top (ft.) Depth to Bottom (ft.) Diameter (inches) Material Wgt./Rating (lbs/sq ft)

Single/Inner Casing 141 130 4 PVC Sch40

Middle Casing (for triple cased wells only)

Outer Casing (largest diameter)

Open Hole or Screen (No. Used 1)

Blank Casings (No. Used )

Tail Piece

Gravel Pack 125 140 #/Mile 40

Grout 4 125 Neat Cement Bentonite 400 lbs

RECORD OF TEST

Test Date 10/28/03

Static Water Level 8 ft. below land surface

Water Level Measured Using Steel Tape

Pumping Water Level 25 ft. below land surface

Well Was Pumped Using Air Lift

Well Yield 40 gpm

If Pump Tested Discharge Rate gpm

Duration of Test hours

PERMANENT PUMPING EQUIPMENT

Installed by Garrison Reg. No. J1049

Pump Type Sub

Depth of Pump below land surface 25 ft.

Capacity 15 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company GARRISON HOOVER

Well Driller (Print) Hoover Garrison

Driller’s Signature Hoover Garrison

Registration No. J1049 Date 11/17/03

Grouting Method Pressure Trench Pipe

Drilling Method Mud Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

0 - 15 Sand/Stone

15 - 40 Sand

40 - 60 Sand/Clay

60 - 25 Clay

75 - 95 Fine Sand

95 - 100 Clay

100 - 125 Fine Sand/Clay

125 - 140 Med/Coarse Orange Sand
New Jersey Department of Environmental Protection
Bureau of Water Allocation

**WELL RECORD**

**OWNER** ED GROCHOWSKI

Address PO BOX 383

City Franklinville State New Jersey Zip Code 08322

**WELL LOCATION ADDRESS** JOSHUA COURT

County Gloucester Municipality Franklin Twp Lot No. 8.04 Block No. 4001

**WELL USE** Domestic

**DATE WELL STARTED** 4-1-05

**DATE WELL COMPLETED** 4-1-05

**WELL CONSTRUCTION**

Total Depth Drilled 100 ft.

Finished Well Depth 100 ft.

Borehole Diameter:

Top 8 in.

Bottom 8 in.

Well Casing Begins:

1.5 ft. above grade or ft. below grade

**RECORD OF TEST**

Test Date 4-1-05

Static Water Level 14 ft. below land surface

Water Level Measured Using Tape

Pumping Water Level 14 ft. below land surface

Well Was Pumped Using Air

Well Yield 600 gpm

If Pump Tested Discharge Rate N/A gpm

Duration of Test N/A hours

**PERMANENT PUMPING EQUIPMENT**

Installed by Tom Lesce, Reg. No. 1072

Pump Type Submersible

Depth of Pump below land surface 45 ft.

Capacity 20 gpm Horsepower 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSONS WELL DRILLING

Well Driller (Print) George Ely

Driller's Signature George Ely

Registration No. JD148S Date 4/19/05

**GEOLOGIC LOG**

Note each depth where water was encountered in consolidated formations

0-2 Top Soil

2-11 Orange Clay & Gravel

11-17 Gravel

17-30 Coarse White Sand

30-49 Medium to Fine White Sand

49-68 White & Yellow Clay

68-99 Coarse Yellow Sand

99-100 Fine Yellow Sand & Place of Gray Sand

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: __________ EASTING: __________

OR

LATITUDE: ° ′ ″ " LONGITUDE: ° ′ ″ "

**ORIGINAL: DEP**

**COPIES: DRILLER**

**OWNER**

**HEALTH DEPARTMENT**
**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF WATER ALLOCATION**

**WELL RECORD**

**OWNER** ED GROCHOWSKI  
**Address** PO BOX 383  
**City** Franklinville  
**State** New Jersey  
**Zip Code** 08322

**WELL LOCATION ADDRESS** JOSHUA COURT  
**County** Gloucester  
**Municipality** Franklin Twp  
**Lot No.** 8.02  
**Block No.** 4001

**WELL USE** Domestic

**DATE WELL STARTED** 4-1-05  
**DATE WELL COMPLETED** 4-1-05

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td>90</td>
<td>100</td>
<td></td>
<td>#2</td>
</tr>
<tr>
<td>Gravel Pack</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>90</td>
<td></td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

### RECORD OF TEST

<table>
<thead>
<tr>
<th>Test Date</th>
<th>4-1-95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>14 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>14 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air</td>
</tr>
<tr>
<td>Well Yield</td>
<td>160 gpm</td>
</tr>
<tr>
<td>If Pump Tested</td>
<td>Discharge Rate</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>N/A hours</td>
</tr>
</tbody>
</table>

### PERMANENT PUMPING EQUIPMENT

| Installed by | Tom LeSage  
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg. No.</td>
<td>1072</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>4/5 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>20 gpm</td>
</tr>
</tbody>
</table>

| Horsepower | 1 |

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company** ANDERSONS WELL DRILLING  
**Well Driller (Print)** George Elzy  
**Driller's Signature** 
**Registration No.** JD1485  
**Date** 4/13/05

**GEOLOGIC LOG**

- 0-5 ft. Top Soil  
- 2-11 ft. Orange Clay & Gravel  
- 11-17 ft. Gravel  
- 17-40 ft. Coarse White Sand  
- 40-49 ft. Medium to Fine White Sand  
- 49-88 ft. White & Yellow Clay  
- 88-91 ft. Coarse Yellow Sand  
- 91-96 ft. Medium Yellow Sand  
- 96-100 ft. Fine Yellow Sand & Drift of Grey Sand

**AS-BUILT WELL LOCATION**  
(NAD 83 HORIZONTAL DATUM)

<table>
<thead>
<tr>
<th>NJ STATE PLANE COORDINATE IN US SURVEY FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTHING:</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>LATITUDE:</th>
<th>LONGITUDE:</th>
</tr>
</thead>
</table>

**ORIGINAL: DEP**  
**COPIES: DRILLER**  
**OWNER**  
**HEALTH DEPARTMENT**
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number

Atlas Sheet Coordinates

OWNER
MERLU, MARILD
Address
2223 GRANT AVENUE
City
WILLIAMSTOWN
State
NJ
Zip Code
08094

WELL LOCATION ADDRESS
29 STATION AVENUE
Owner's Well No.
2

COUNTY
GLOUCESTER
Municipality
FRANKLIN TWP
Lot No.
7
Block No.
4106

WELL USE
DOMESTIC REPLACEMENT
DATE WELL STARTED
8/23/99
DATE WELL COMPLETED
8/23/99

WELL CONSTRUCTION

Total Depth Drilled
105 ft.
Finished Well Depth
100 ft.
Borehole Diameter:
Top
8 in.
Bottom
8 in.
Well Casing Begins:
1 ft. above grade or
1 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>40</td>
</tr>
</tbody>
</table>

Single/Inner Casing
Middle Casing (for triple cased wells only)
Outer Casing (largest diameter)
Open Hole or Screen (No. Used)
Blank Casings (No. Used)
Tail Piece
Gravel Pack
Grout
Neat Cement
Bentonite

RECORD OF TEST

Test Date
8/23/99
Static Water Level
14 ft. below land surface
Water Level Measured Using
M-3 Scope
Pumping Water Level
80 ft. below land surface
Well Was Pumped Using
Sub
Well Yield
10 gpm
If Pump Tested: Discharge Rate
10 gpm
Duration of Test
5 hours

Drilling Method
Mud Rotary

PERMANENT PUMPING EQUIPMENT

Installed by
By Others
Reg. No.
Type
Sub
Depth of Pump below land surface
50 ft.
Capacity
10 gpm
Horsepower
1/2

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-1 Top Soil
1-22 Tuff Clay
22-27 Glacial
27-105 Mud Glacial

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
EASTERN DRILL - CHARLES KRAMER

Well Driller (Print)
Charles Kramer

Driller's Signature

Registration No.
1000
Date
9/20/99

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
**New Jersey Department of Environmental Protection**  
**Bureau of Water Allocation**  

**WELL RECORD**  

**Owner**  
**PAGLIARINE, LENA**  

**Address**  
36 STATION AVE.  
FRANKLINVILLE  

**City**  
State **NJ**  
Zip Code **0802**  

**Well Permit Number**  
31 64716  

**Atlas Sheet Coordinates**  
31 32 798  

**Lot No.**  
Block No. **4103**  

**Well Use**  
DOMESTIC REPLACEMENT  

**Well Location Address**  
36 STATION AVE.  
GLOUCESTER  
FRANKLIN TWP  

**Well Use**  
DOMESTIC REPLACEMENT  

**Date Well Started**  
11/11/02  

**Date Well Completed**  
11/11/02  

**Well Construction**  

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>70</td>
<td>4</td>
<td>PVC</td>
<td>5760</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casing (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>70</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
<td>5760</td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>70</td>
<td></td>
<td>Neat Cement Bentonite</td>
<td>324 lbs.</td>
</tr>
</tbody>
</table>

**Grouting Method**  
Pressure Grout

**Drilling Method**  
Rotary

**Geologic Log**  

<table>
<thead>
<tr>
<th>Depth of Pump below land surface</th>
<th>45 ft.</th>
</tr>
</thead>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company**  
ANDERSON'S WELL DRILLING

**Well Driller**  
George Ely  

**Driller's Signature**  
George Ely

**Registration No.**  
51485  
Date 11/25/02

**As-Built Well Location**  
(NAD 83 Horizontal Datum)

**NJ State Plane Coordinate in US Survey Feet**

<table>
<thead>
<tr>
<th>Northing:</th>
<th>Easting:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Latitude:</th>
<th>Longitude:</th>
</tr>
</thead>
</table>

**Copies:**  
White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER  STEPHEN A. GREGORY
Address  515 LAKEVIEW AVE.
City  Pitman
State  New Jersey
Zip Code  08071

WELL LOCATION ADDRESS  120 WADDELL AVENUE
Owner’s Well No.
County  Gloucester
Municipality  Franklin Twp
Lot No.  9
Block No.  4116

WELL USE  Domestic Replacement
DATE WELL STARTED  8/11/04
DATE WELL COMPLETED  8/11/04

WELL CONSTRUCTION
Total Depth Drilled  115 ft.
Finished Well Depth  115 ft.
Borehole Diameter:
Top  8 in.
Bottom  8 in.
Well Casing Begins:
1 ft. above grade or
ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1</td>
<td>105</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>105</td>
<td>115</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>110</td>
<td>115</td>
<td></td>
<td>#1 NURIE</td>
</tr>
<tr>
<td>Grout</td>
<td>3' 100</td>
<td></td>
<td>Neat Cement</td>
<td></td>
</tr>
<tr>
<td>Bentonite</td>
<td></td>
<td></td>
<td></td>
<td>500 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date  8/11/04
Static Water Level  25 ft. below land surface
Water Level Measured Using  M-SCOPE
Pumping Water Level  80 ft. below land surface
Well Was Pumped Using  Air
Well Yield  40 gpm
If Pump Tested  Discharge Rate  gpm
Duration of Test  hours

PERMANENT PUMPING EQUIPMENT
Installed by  JOSEPH D. BORRELL  reg. No.  ID 1590
Pump Type  SUBMERSIBLE
Depth of Pump below land surface  70 ft.
Capacity  10 gpm  Horsepower  1/2\n
I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  MIDDLETOWN WELL DRILLING
Well Driller (Print)  JOSEPH D. BORRELL
Driller’s Signature  JOSEPH D. BORRELL
Registration No.  ID 1590  Date  10/4/04

Grouting Method  PRESSURE GROUT
Drilling Method  MOUD ROTARY

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>TAN BERN SILTY SAND</td>
</tr>
<tr>
<td>30-90</td>
<td>WHT/BRN F-M SAND</td>
</tr>
<tr>
<td>90-115</td>
<td>TAN/WHT SILTY CLAY</td>
</tr>
<tr>
<td>90-115</td>
<td>BERN FINE SAND WITH SOME CLAY</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING:  EASTING:  
OR
LATITUDE:  ° ' "  LONGITUDE:  ° ' " 

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
WELL RECORD

OWNER NANCY BEDARD

Address 892 WILLIAMSTOWN ROAD

City Franklinville State New Jersey Zip Code 08322

WELL LOCATION ADDRESS 892 WILLIAMSTOWN ROAD

County Gloucester Municipality Franklin Twp Lot No. 1 Block No. 4102

WELL USE Domestic Replacement

DATE WELL STARTED 9/8/05

DATE WELL COMPLETED 9/8/05

WELL CONSTRUCTION

Total Depth Drilled 75 ft.

Finished Well Depth 75 ft.

Borehole Diameter:

Top 8 in.

Bottom 8 in.

Well Casing Begins:

11/2 ft. above grade or ft. below grade

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>105</td>
<td>105</td>
<td>4</td>
<td>PVC</td>
<td>58 lb</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casing (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>65</td>
<td>75</td>
<td></td>
<td>Gravel</td>
<td>#16 cure</td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>65</td>
<td></td>
<td>Neat Cement</td>
<td>150 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 9/8/05

Static Water Level 21 ft. below land surface

Water Level Measured Using tape measure

Pumping Water Level ft. below land surface

Well Was Pumped Using air lift

Well Yield 80 + gpm

If Pump Tested Discharge Rate gpm Duration of Test hours

PERMANENT PUMPING EQUIPMENT

Installed by John Tino Reg. No. PI034A

Pump Type Submersible

Depth of Pump below land surface 50 ft.

Capacity 12 gpm Horsepower 1/5

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company AL’S WATER PUMP SERVICE

Well Driller (Print) Dominick Restuccio

Driller’s Signature Dominick Restuccio

Registration No. J01234 Date 9/16/05

GEOLOGIC LOG

Drilling Method Mud Rotary

GEOLGEOLOGY Log

Note each depth where water was encountered in consolidated formations

0-20 ft. orange clayey yellow sand mixed

20-40 ft. solid gray clay

40-50 ft. orange clay and sand

50-60 ft. solid white clay and fine grit

60-75 ft. orange sandy brown sand

AS-BUILT WELL LOCATION (NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:___________ EASTING:_________

OR

LATITUDE: _______ " LONGITUDE: _______ 

ORIGINAL: DEP COPIES: DRILLER OWNER HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER JAMES NEWMAN
Address 26 STATION AVE.
City Franklinville State New Jersey Zip Code 08322

WELL LOCATION ADDRESS 26 STATION AVE.
County Gloucester Municipality Franklin Twp Lot No. 8 Block No. 41.03

WELL USE Domestic Replacement

DATE WELL STARTED 10-26-05
DATE WELL COMPLETED 10-26-05

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>72</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td>72 82</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td>82 85</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>82 85</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>4 12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 10-26-05
Static Water Level 11 ft. below land surface
Water Level Measured Using Tape
Pumping Water Level 11 ft. below land surface
Well Was Pumped Using AIR
Well Yield 100 gpm
If Pump Tested Discharge Rate N/A gpm Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by Toledage Reg. No. 1072
Pump Type Submersible
Depth of Pump below land surface 50 ft.
Capacity 12 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSONS WELL DRILLING
Well Driller (Print) George Ely
Driller's Signature J. Ely
Registration No. JD 485 Date 11/25/05

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

AS-BUILT WELL LOCATION (NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: _______ EASTING: _______

OR

LATITUDE: ___° ___' ___" LONGITUDE: ___° ___' ___"

ORIGINAL: DEP

COPIES: DRILLER

OWNER

HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number 3100071438
Atlas Sheet Coordinates 3132798

Well Location
Drilled under # 31000 71067

Owner: JAMES NEUMAN
Address: 26 STATION AVE.
City: Franklinville
State: New Jersey
Zip Code: 08322

WELL LOCATION ADDRESS 26 STATION AVE.
County: Gloucester
Municipality: Franklin Twp
Lot No.: 8
Block No.: 41.03

WELL USE: Domestic Replacement

DATE WELL STARTED: 10-26-05
DATE WELL COMPLETED: 10-26-05

WELL CONSTRUCTION
Total Depth Drilled: 85 ft.
Finished Well Depth: 85 ft.
Borehole Diameter:
   Top: 8 in.
   Bottom: 8 in.
Well Casing Begins:
   1.5 ft. above grade or
   ft. below grade

WELL LOCATION ADDRESS 26 STATION AVE.
County: Gloucester
Municipality: Franklin Twp
Lot No.: 8
Block No.: 41.03

WELL USE: Domestic Replacement

DATE WELL STARTED: 10-26-05
DATE WELL COMPLETED: 10-26-05

WELL CONSTRUCTION
Total Depth Drilled: 85 ft.
Finished Well Depth: 85 ft.
Borehole Diameter:
   Top: 8 in.
   Bottom: 8 in.
Well Casing Begins:
   1.5 ft. above grade or
   ft. below grade

RECORD OF TEST
Test Date: 10-26-05
Static Water Level: 11 ft. below land surface
Water Level Measured Using: Tape
Pumping Water Level: 11 ft. below land surface
Well Was Pumped Using: Air
Well Yield: 100 gpm
If Pump Tested: Discharge Rate: 1/2 gpm
Duration of Test: 1/2 hours

PERMANENT PUMPING EQUIPMENT
Installed by: Tom LeSage
Reg. No.: 1072
Pump Type: Submersible
Depth of Pump below land surface: 50 ft.
Capacity: 1/2 gpm Horsepower: 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: ANDERSONS WELL DRILLING
Well Driller (Print): George Elly
Driller's Signature: [signature]
Registration No.: JD1485 Date: 1/6/06

Grouting Method: Pressure Grout and cement
Drilling Method: Retarded

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations
0-4. Top Soil
4-11 Orange clay + Gravel
11-33 Yellow + White Sand
33-36 Yellow + White Clay
36-69 Orange + White Clay
69-85 Orange + Yellow Sand
85-100 Green + Brown Clay

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: ___________ Easting: ___________

OR

LATITUDE: __0__ __"" LONGITUDE: __0__ __""

ORIGINAL: DEP COPIES: DRILLER
OWNER HEALTH DEPARTMENT
**WELL RECORD**

**OWNER** JANET PRIEST  
Address 103 TRIUMPH ROAD  
City Franklinville  
State New Jersey  
Zip Code 08322

**WELL LOCATION ADDRESS** 103 TRIUMPH ROAD  
County Gloucester  
Municipality Franklin Twp  
Lot No. 3  
Block No. 4103

**WELL USE** Domestic Replacement  

**DATE WELL STARTED** 7-3-06  
**DATE WELL COMPLETED** 7-3-06

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td>1.5 ft. above grade or</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 ft. below grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Test Date</th>
<th>7-3-06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>11 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using Tape</td>
<td></td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>11 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>AIR</td>
</tr>
<tr>
<td>Well Yield</td>
<td>70 gpm</td>
</tr>
</tbody>
</table>

**PERMANENT PUMPING EQUIPMENT**

<table>
<thead>
<tr>
<th>Installed by</th>
<th>Tom L. Sage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg. No.</td>
<td>1072</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>45 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>12 gpm</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1/2</td>
</tr>
</tbody>
</table>

**Grouting Method** Pressure Grout  
**Drilling Method** Rotary

**GEOLOGIC LOG**

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-9 b.g. Top Soil</td>
<td>0-19</td>
</tr>
<tr>
<td>0-19 Orange, Sandy Clay</td>
<td></td>
</tr>
<tr>
<td>19-28 Yellow, White Clay</td>
<td></td>
</tr>
<tr>
<td>28-50 Coarse, White Sand</td>
<td></td>
</tr>
<tr>
<td>50-93 Ledaert, White Sand</td>
<td></td>
</tr>
<tr>
<td>93-100 Brown, Clay</td>
<td></td>
</tr>
</tbody>
</table>

**AS-BUILT WELL LOCATION**

<table>
<thead>
<tr>
<th>NJ STATE PLANE COORDINATE IN US SURVEY FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTHING:_________ EASTING:_________</td>
</tr>
</tbody>
</table>

**OR**

| LATITUDE: ___________ LONGITUDE: ___________ |

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company** ANDERSONS WELL DRILLING  
**Well Driller (Print)** George Ely  
**Driller's Signature** George Ely  
**Registration No.** 5D1485  
**Date** 8/18/06

**ORIGINAL: DEP**  
**COPIES: DRILLER**  
**OWNER**  
**HEALTH DEPARTMENT**
TRUSTER, JOANN

54 DUTCHROW ROAD

MONROEVILLE  NJ

2417 DELSEA DRIVE

GLOUCESTER  FRANKLIN TWP

INDUSTRIAL

DWR-138

WELL RECORD

Well Permit Number
31-60532

Atlas Sheet Coordinates
31: 32: 799

OWNER

Address

City

State

Zip Code

WELL LOCATION ADDRESS

Lot No.

Owner's Well No.

Block No.

WELL USE

DATE WELL STARTED

DATE WELL COMPLETED

7/14/01

7/14/01

WELL CONSTRUCTION

Total Depth Drilled

75 ft.

Finished Well Depth

70 ft.

Borehole Diameter: Top

8 in.

Bottom

8 in.

Well Casing Begins:

20 ft. above grade or

0 ft. below grade

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>40</td>
<td>60</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>60</td>
<td>70</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>55</td>
<td>75</td>
<td>8</td>
<td>#1</td>
<td>700</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>55</td>
<td>8</td>
<td>Neat Cement</td>
<td>300 lbs.</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date

7/14/01

Static Water Level

20 ft. below land surface

Water Level Measured Using

Buoy

Pumping Water Level

35 ft. below land surface

Well Was Pumped Using

Airlift

Well Yield

50 gpm

If Pump Tested: Discharge Rate

gpm

Duration of Test

hours

PERMANENT PUMPING EQUIPMENT

Installed by

BY OTHERS

Reg. No.

Pump Type

Depth of Pump below land surface

ft.

Capacity

gpm

Horsepower

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

UNI-TECH DRILLING

Drilling Company

Well Driller (Print)

Karl Hitzelberger

Driller's Signature

Date

11/4/01

REGISTRATION

Registration No.

1530

Date

11/4/01

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

0-25: Orange CMF Sand & Gravel

15-25: Tan Clay

25-30: White CMF Sand

35-55: Black Silty Clay

55-70: Gray MK Sand

70-75: Black Silty Clay

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: 

EASTING: 

LATITUDE: ° ' "

LONGITUDE: ° ' "

OR
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER
BRUCE MANTON CONSTRUCTORS

Address
650 LANTERN WAY
FRANKLINVILLE

City
State
NJ

Zip Code
08022

WELL LOCATION ADDRESS
DESEA DRIVE

County
GLoucester
Municipality
FRANKLIN TWP

Lot No.
4001

Block No.

WELL USE
DOMESTIC REPLACEMENT

DATE WELL STARTED
3/8/02

DATE WELL COMPLETED
3/8/02

WELL CONSTRUCTION

Total Depth Drilled
80 ft.

Finished Well Depth
80 ft.

Borehole Diameter:
Top
8 in.

Bottom
8 in.

Well Casing Begins:
1.5 ft. above grade or
ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>70</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>8</td>
<td>80</td>
<td>4</td>
<td>SCH40</td>
</tr>
</tbody>
</table>

Gravel Pack
70

Grout
3

Neat Cement

Bentonite

500 lbs.

RECORD OF TEST

Test Date
3/8/02

Static Water Level
8 ft. below land surface

Water Level Measured Using

Pumping Water Level
15 ft. below land surface

Well Was Pumping Used
100 gpm

Well Yield

If Pump Tested: Discharge Rate N/A gpm

Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by
Tompkins, Reg. No. 1072

Pump Type
submersible

Depth of Pump below land surface
52 ft.

Capacity
12 gpm

Horsepower
7/2

Grouting Method
pressure grouting with pipe

Drilling Method
drilling

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: _____________________________ EASTING: _____________________________

LATITUDE: ________ ° ________ ' ________" LONGITUDE: ________ ° ________ ' ________"

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

ANDERSON’S WELL DRILLING

Drilling Company

Well Driller (Print)
George Ely

Driller’s Signature

Registration No.
51485 Date 3/21/02

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
**WELL RECORD**

**OWNER**

WATSON, DIANE

Address: 2573 DELSEA DR  
FRANKLINVILLE  

City:  
State: NJ  
Zip Code: 08322

**WELL LOCATION ADDRESS**

2573 DELSEA DR  
GLOUCESTER  
FRANKLIN TWP

Lot No.: 12  
Block No.: 3609

**WELL USE**

DOMESTIC REPLACEMENT

**DATE WELL STARTED**

3/19/03

**DATE WELL COMPLETED**

3/19/03

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>92</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>92</td>
<td>102</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Blank Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>92</td>
<td>102</td>
<td>#2 Well Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>92</td>
<td>Neat Cement</td>
<td>80</td>
<td>lbs. 180 lbs.</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

Test Date: 3/19/03  
Static Water Level: 110 ft. below land surface  
Water Level Measured Using: TAPE  
Pumping Water Level: 110 ft. below land surface  
Well Was Pumped Using: AIR  
Well Yield: 110 gpm  
If Pump Tested: Discharge Rate: 12 A  
Duration of Test: 1/2 hours

**PERMANENT PUMPING EQUIPMENT**

Installed by:  
Pump Type: SUBMERSIBLE  
Depth of Pump below land surface: 12 ft.
Capacity: 12 gpm  
Horsepower: 1 HP

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company**

ANDERSON'S WELL DRILLING  
By George Ely

**Grouting Method**

Pressure grout with premium pipe

**Drilling Method**

TOOL HY

**GEOLOGIC LOG**

Note depths where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Formation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td>Top Soil</td>
<td>2-16 Orange Clay/Coarse Yellow Sand</td>
</tr>
<tr>
<td>2-19</td>
<td>Coarse White Sand</td>
<td></td>
</tr>
<tr>
<td>4-31</td>
<td>Medium White Sand</td>
<td></td>
</tr>
<tr>
<td>3-43</td>
<td>Medium Yellow Sand</td>
<td></td>
</tr>
<tr>
<td>6-19</td>
<td>Coarse Yellow Sand</td>
<td></td>
</tr>
<tr>
<td>9-18</td>
<td>Pine Needle Yellow Sand</td>
<td></td>
</tr>
<tr>
<td>13-18</td>
<td>Medium Yellow Sand</td>
<td></td>
</tr>
</tbody>
</table>

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)  
NJ STATE PLANE COORDINATE IN US SURVEY FEET  
NORTHING:  
EASTING:  

OR  
LATITUDE: 0° 0' 0"  
LONGITUDE: 0° 0' 0"

**COPIES:**  
White - DEP  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner: BURGER, DEBORAH J.
Address: 578 TAYLOR ROAD
City: FRANKLIN TWP.
State: NJ
Zip Code: __________

WELL LOCATION ADDRESS: 578 TAYLOR ROAD
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: __________
Block No.: __________

WELL USE: DOMESTIC REPLACEMENT

DATE WELL STARTED: 1/27/01
DATE WELL COMPLETED: 1/27/01

WELL CONSTRUCTION

Total Depth Drilled: 83 ft.
Finished Well Depth: 82 ft.
Borehole Diameter:
Top: 8 in.
Bottom: 8 in.
Well Casing Begins: 1.5 ft. above grade or __________ ft. below grade

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1.5</td>
<td>67</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used: 0.020)</td>
<td>67</td>
<td>82</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used: ________________)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>64</td>
<td>83</td>
<td></td>
<td>#0</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>4</td>
<td>44</td>
<td></td>
<td>Neat Cement Bentonite</td>
<td>160 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date: 1/27/01
Static Water Level: 15.35 ft. below land surface
Water Level Measured Using: M-Scrape
Pumping Water Level: __________ ft. below land surface
Well Was Pumped Using: AIClift
Well Yield: 50 gpm
If Pump Tested: Discharge Rate: __________ gpm
Duration of Test: __________ hours

PERMANENT PUMPING EQUIPMENT

Installed by: STEVE BURGER
Reg. No.: __________
Pump Type: Submersible
Depth of Pump below land surface: 45 ft.
Capacity: 12 gpm
Horsepower: __________

Grouting Method: Tremie
Drilling Method: Mud Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

- 0 - 10' Gray-Brown F-M Sand
- 10' - 33' Lt. Brown - Tan F-M Sand, Sime Course Sand & Gravel
- 33' - 36' Lt. Tan Silty Clay
- 36' - 68' Lt. Tan M-F Sand w/ Tan - White Silty Clay
- 68' - 83' Lt. Tan of Lt. Gray-white M-F Sand

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: JAMES C. ANDERSON ASSOC. INC.
Well Driller (Print): STEVE BURGER
Driller's Signature: STEVE BURGER
Registration No.: J1624 Date: 2/6/01

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 60035

Atlas Sheet Coordinates
31 42 123

OWNER
KANE, JOE

Address
55 4TH STREET

City
FRANKLINVILLE

State
NJ

Zip Code

WELL LOCATION ADDRESS
689 WILIAMSTOWN ROAD

County
GLOUCESTER

Municipality
FRANKLIN TWP

Lot No.
25

Block No.
4201

WELL USE
DOMESTIC REPLACEMENT

DATE WELL STARTED
3/14/01

DATE WELL COMPLETED
3/14/01

WELL CONSTRUCTION

Total Depth Drilled
102 ft.

Finished Well Depth
102 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
+1 ft. above grade or
--- ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1</td>
<td>92</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>92</td>
<td>102</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>90</td>
<td>102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3.5</td>
<td>90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neat Cement</td>
<td>#2 sand</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grouting Method
Tremie pipe

Drilling Method
Mud rotary

RECORD OF TEST

Test Date
3/14/01

Static Water Level
5 ft. below land surface

Water Level Measured Using
Lift/pump

Pumping Water Level
13 ft. below land surface

Well Was Pumped Using
Submersible

Well Yield
20 gpm

If Pump Tested: Discharge Rate
Duration of Test
1 hour

PERMANENT PUMPING EQUIPMENT

Installed by
J.R. D'Agostino Reg. No. P0017017

Pump Type
Submersible

Depth of Pump below land surface
25 ft.

Capacity
10 gpm

Horsepower
1/2

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0' - 2'topsoil brown
2' - 9'sand med. brown to lt. brown
9' - 20'sand coarse to gravel, yellow brown
20' - 30'gravel & stones yellow to orange brown
30' - 38'gravel coarse sand yellow to light brown
38' - 42'clay yellow to med. brown
42' - 54'sand coarse light brown
54' - 61'clay dark brown to grey
61' - 79'sand coarse to med., greyish brown
79' - 82'clay & wood grey & black
82' - 92'sand fine to med. grey
92' - 102'sand med. med. to light grey

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
D'AGOSTINO WELL DRILLING

Well Driller (Print)
Paul Belan

Driller's Signature

Registration No. 1027

Date 3/15/01

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
**WELL RECORD**

**OWNER**

HOGAN, JAMES

**Address**

24 PORCHTOWN ROAD
FRANKLINVILLE, NJ

**City**

**State**

**Zip Code**

08322

**Well Permit Number**

31-62240

**Atlas Sheet Coordinates**

31-42-123

**WELL LOCATION ADDRESS**

24 PORCHTOWN ROAD
GLEASON, NJ

**County**

**Municipality**

FRANKLIN TWP

**Lot No.**

1

**Block No.**

3406

**WELL USE**

DOMESTIC REPLACEMENT

---

**DATE WELL STARTED**

12/27/81

**DATE WELL COMPLETED**

12/31/81

---

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>70</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>70</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ft. above grade or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ft. below grade</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### RECORD OF TEST

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Static Water Level</th>
<th>Water Level Measured Using</th>
<th>Pumping Water Level</th>
<th>Well Yield</th>
<th>If Pump Tested</th>
<th>Discharge Rate</th>
<th>Duration of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/27/01</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
<td></td>
<td>N/A gpm</td>
<td>N/A hours</td>
</tr>
</tbody>
</table>

---

### PERMANENT PUMPING EQUIPMENT

<table>
<thead>
<tr>
<th>Installed by</th>
<th>Pump Type</th>
<th>Depth of Pump below land surface</th>
<th>Capacity</th>
<th>Horsepower</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Submersible</td>
<td>35 ft.</td>
<td>12 gpm</td>
<td>1/2</td>
</tr>
</tbody>
</table>

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

Drilling Company: **ANDERSON'S WELL DRILLING**

Well Driller (Print): **George Fly**

Driller's Signature: **George Fly**

Registration No: 14885 Date: 12/31/01

**Copies:** White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

---

### GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

- 0-2: Topsoil
- 0-18: Gravelly Yellow Sand
- 18-24: Gravelly Levedale Sand
- 24-28: Fine Clay
- 28-38: Gravelly Brown Sand
- 38-48: Gravel Clay
- 48-10: Gravelly Levedale Sand

---

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ___________ EASTING: ___________

OR

LATITUDE: __0__' __0__"  LONGITUDE: __0__' __0__"

---
WELL RECORD

Well Permit Number
31 64198

Atlas Sheet Coordinates
31 42 123

WELL LOCATION ADDRESS 729 PORCHTOWN RD
Owner's Well No. 31 64198

City FRANKLINVILLE
Lot No. 1
County GLOUCESTER
Block No. 3403
Municipality FRANKLIN TWP

WELL USE DOMESTIC REPLACEMENT

DATE WELL STARTED DATE WELL COMPLETED
8/27/02 8/27/02

WELL CONSTRUCTION

Total Depth Drilled 110 ft.
Finished Well Depth 110 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well Casing Begins:
1.5 ft. above grade or
ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Single/Inner Casing</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10</td>
<td>110</td>
<td>8</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Middle Casing (for triple cased wells only)</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>110</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outer Casing (largest diameter)</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>110</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Open Hole or Screen (No. Used)</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td>110</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Blank Casings (No. Used)</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tail Piece</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gravel Pack</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>110</td>
<td>#2 Well Sand</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grout</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>100</td>
<td>Neat Cement Bentonite</td>
<td>305 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 8/27/02
Static Water Level 12 ft. below land surface
Water Level Measured Using TAPE
Pumping Water Level 6 ft. below land surface
Well Was Pumped Using AIR
Well Yield 100 gpm
If Pump Tested: Discharge Rate 1/4 gpm Duration of Test 12 hours

PERMANENT PUMPING EQUIPMENT

Installed by Tom Leage Reg. No. 1072
Pump Type Submersible
Depth of Pump below land surface 35 ft.
Capacity 12 gpm Horsepower 1/2 hp

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSON'S WELL DRILLING
Driller's Signature George Ely

Drilling Method Rotary
Grouting Method Pressure Grout + Rebar Pipe

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

- 0-100 Soil
- 18-23 Clay
- 23-30 Yellow Sand
- 30-50 Pale Yellow Sand
- 50-60 Pale Yellow Sand
- 60-90 Gray Clay
- 90-100 Gray Clay

AS BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)

NORTHING: _______ EASTING: _______

LATITUDE: _______ LONGITUDE: _______

COPIES: White - DEP Canary - Driller Pink - Owner
Goldenrod - Health Dept.
**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**
*BUREAU OF WATER ALLOCATION*

**WELL RECORD**

**OWNER** RON HESS  
**Address** 1116A PORCHTOWN RD  
**City** Franklinville  
**County** Gloucester  
**Municipality** Franklin Twp  
**State** New Jersey  
**Zip Code** 08322  

**WELL LOCATION ADDRESS** 45 CLUBHOUSE DR  
**Lot No.** 4 & 5  
**Block No.** 3408  
**Owner's Well No.** 3100065979

**WELL USE** Domestic Replacement  
**DATE WELL STARTED** 07/08/03  
**DATE WELL COMPLETED** 07/08/03

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Depth Drilled (ft.)</th>
<th>Finished Well Depth (ft.)</th>
<th>Borehole Diameter (in.)</th>
<th>Well Casing Begins (ft. above grade or ft. below grade)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>80</td>
<td>8</td>
<td>1.5 ft. above grade or 8 ft. below grade</td>
</tr>
</tbody>
</table>

**Note:** Measure all depths from land surface

- **Single/Inner Casing** 1.5 ft. to Top (ft.), 70 ft. to Bottom (ft.), Diameter (inches) 4" Material: PVC, Wgt./Rating (lbs/sch no.) SCH40

### RECORD OF TEST

**Test Date** 07/08/03  
**Static Water Level** 18 ft. below land surface  
**Water Level Measured Using** tape  
**Pumping Water Level** 18 ft. below land surface  
**Well Was Pumped Using** air  
**Well Yield** 100 gpm  
**If Pump Tested** Discharge Rate N/A gpm  
**Duration of Test** N/A hours

### PERMANENT PUMPING EQUIPMENT

- **Installed by** Tom LeSage, Reg. No. 1072
- **Pump Type** Submersible  
- **Depth of Pump below land surface** 36 ft.  
- **Capacity** 12 gpm  

**Horsepower** 1/2

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Craig Anderson** supervised by **Drilling Company** ANDERSONS WELL DRILLING

**Well Driller (Print)** George Ely  
**Driller's Signature** George Ely  
**Registration No.** JD1485  
**Date** 7/18/03

### GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Topsoil</td>
</tr>
<tr>
<td>2-13</td>
<td>Gravel</td>
</tr>
<tr>
<td>13-28</td>
<td>Coarse yellow sand</td>
</tr>
<tr>
<td>28-33</td>
<td>Medium yellow sand</td>
</tr>
<tr>
<td>33-46</td>
<td>Grey &amp; brown clay</td>
</tr>
<tr>
<td>46-53</td>
<td>Coarse grey sand</td>
</tr>
<tr>
<td>53-74</td>
<td>Coarse grey &amp; yellow sand</td>
</tr>
<tr>
<td>74-80</td>
<td>Grey &amp; green clay</td>
</tr>
</tbody>
</table>

**Grouting Method** Pressure grout with tremie pipe  
**Drilling Method** Rotary pipe

**Note each depth where water was encountered in consolidated formations.**
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER  JAN JOHNSTON
Address  26 CLUB HOUSE DRIVE
City  Franklinville  State  New Jersey  Zip Code  08322

WELL LOCATION ADDRESS  26 CLUB HOUSE DRIVE
County  Gloucester  Municipality  Franklin Twp
Lot No.  6  Block No.  3407

WELL USE  Domestic Replacement

DATE WELL STARTED  3-22-06
DATE WELL COMPLETED  3-22-06

WELL CONSTRUCTION

| Total Depth Drilled | 605 ft. |
| Finished Well Depth | 605 ft. |
| Borehole Diameter: |  |  |
| Top | 8 in. |
| Bottom | 8 in. |
| Well Casing Begins: | 1.5 ft. above grade or ft. below grade |

Note: Measure all depths from land surface
Depth to Top (ft.)  1.5  54  4  PVC  Sch40
Depth to Bottom (ft.)  604  604  4  PVC  Sch40
Diameter (inches)  4
Material  PVC
Wgt./Rating (lbs/sch no.)  Sch40

Open Hole or Screen (No. Used)  54  604  4  PVC  Sch40
Blank Casings (No. Used)  
Tail Piece  604  605
Gravel Pack  54  605
Grout  3  54
Neat Cement  Bentonite  182 lbs

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations
0-3 Top Soil
3-7 Course Brown Sand
7-14 Course White Sand with White Clay
14-31 Yellow Clay
31-33 Course Yellow Sand
33-49 Grey & Brown Clay
49-61 Course White & Grey Sand
61-64 Medium White & Grey Sand
64-65 Grey Clay

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: __________  EASTING: __________

OR

LATITUDE: 0° __ ___  "LONGITUDE: 0° __ ___"

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  ANDERSONS WELL DRILLING
Well Driller (Print)  George Ely
Driller's Signature  George Ely
Registration No.  JD1485  Date  5/21/06

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER
JOSEPH KANE

Address
55 4TH STREET

City
Franklinville

State
New Jersey

Zip Code
08322

WELL LOCATION ADDRESS
46 3RD STREET

County
Gloucester

Municipality
Franklin Twp

Lot No.
5

Block No.
3404

WELL USE
Domestic Replacement

DATE WELL STARTED
2/3/06

DATE WELL COMPLETED
2/3/06

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth/Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>95 ft.</td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>95 ft.</td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8 in.</td>
</tr>
<tr>
<td>Bottom</td>
<td>8 in.</td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>41.5 ft. above grade or</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>91.5</td>
<td>85</td>
<td>4</td>
<td>PVC</td>
<td>SCH40</td>
</tr>
</tbody>
</table>

Middle Casing (for triple cased wells only)

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>95</td>
<td>PVC</td>
<td>SCH40</td>
</tr>
</tbody>
</table>

Open Hole or Screen (No. Used 020)

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>95</td>
<td>#1 SHAWB 500 lbs</td>
<td>lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Date</td>
<td>2/3/06</td>
</tr>
<tr>
<td>Static Water Level</td>
<td>6 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>m-scope</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Airlift</td>
</tr>
<tr>
<td>Well Yield</td>
<td>35 gpm</td>
</tr>
<tr>
<td>If Pump Tested</td>
<td>Discharge Rate</td>
</tr>
<tr>
<td>Duration of Test</td>
<td></td>
</tr>
</tbody>
</table>

PERMANENT PUMPING EQUIPMENT

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed by</td>
<td>John Kressly, Jr.</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>26 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>10 gpm Horsepower</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
CHOICE WATER GROUP, LLC

Well Driller (Print)
John Kressly, Jr

Driller's Signature

Registration No.
JB195453

Date
2/3/06

Grouting Method
Tremie

Drilling Method
Rotary

GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-22'</td>
<td></td>
<td>Sand + Gravel</td>
<td></td>
</tr>
<tr>
<td>22'-38'</td>
<td></td>
<td>Sand + Clay</td>
<td></td>
</tr>
<tr>
<td>38'-54'</td>
<td></td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>54'-68'</td>
<td></td>
<td>Sand + Gravel</td>
<td></td>
</tr>
<tr>
<td>68'-72'</td>
<td></td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>72'-95'</td>
<td></td>
<td>Coarse Sand</td>
<td></td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ________ EASTING: ________

OR

LATITUDE: ___ ° ___ ' ___ " LONGITUDE: ___ ° ___ ' ___ "

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Systems and Well Permitting

WELL RECORD

OWNER ROBERT CRESS

Address 629 PORCHTOWN ROAD

City Franklinville State New Jersey Zip Code 08322

WELL LOCATION ADDRESS 629 PORCHTOWN ROAD

County Gloucester Municipality Franklin Twp Lot No. 1 Block No. 3407

WELL USE Domestic Replacement

DATE WELL STARTED 4-20-06

DATE WELL COMPLETED 4-20-06

WELL CONSTRUCTION

Total Depth Drilled 115 ft.

Finished Well Depth 115 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
+ 1 ft. above grade or
ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to</th>
<th>Depth to</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top (ft.)</td>
<td>Bottom (ft.)</td>
<td>(inches)</td>
</tr>
<tr>
<td>1.5</td>
<td>105</td>
<td>4</td>
</tr>
<tr>
<td>PVC</td>
<td>SCH 40</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 4/21/06

Static Water Level 8 ft. below land surface

Water Level Measured Using Tape/String

Pumping Water Level 16 ft. below land surface

Well Was Pumped Using Submersible

Well Yield 20 gpm

If Pump Tested Discharge Rate 0 gpm

Duration of Test 1 hours

PERMANENT PUMPING EQUIPMENT

Installed by J.D'Agostino, Jr. Reg. No. 24997

Pump Type Submersible

Depth of Pump below land surface 28 ft.

Capacity 10 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company D'AGOSTINO'S WATER SOLUTIONS, LLC

Well Driller (Print) Paul Belan

Driller's Signature Paul Belan

Registration No. 1027 Date 5/15/06

Grouting Method Tremie Pipe

Drilling Method Mud Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations

0'-2' Topsoil brown
2'-6' gravel & sand yellow brown
6'-8' clay & yellow brown
8'-22' sand coarse yellow brown
22'-35' clay grey
35'-43' sand med to coarse grey to lt grey
43'-85' sand med some fine grey streaks clay grey
85'-95' clay grey
95'-105' sand med sharp grey 3' streaks wood grey
105'-115' sand med sharp med to light grey

AS-BUILT WELL LOCATION

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:_________EASTING:_________

OR

LATITUDE:______°____'____" LONGITUDE:______°____'____"

ORIGINAL: DEP COPIES: DRILLER OWNER HEALTH DEPARTMENT
New Jersey Department of Environmental Protection  
Bureau of Water Allocation

WELL RECORD

OWNER: PAUL & LINDA SPELLACY
Address: 21 FIFTH ST.
City: Franklinville  
State: New Jersey  
Zip Code: 08322

WELL LOCATION ADDRESS: 21 FIFTH ST.
County: Gloucester  
Municipality: Franklin Twp
Lot No.: 3  
Block No.: 3403

WELL USE: Domestic Replacement

DATE WELL STARTED: 5-2-07
DATE WELL COMPLETED: 5-2-07

WELL CONSTRUCTION
Total Depth Drilled: 75 ft.
Finished Well Depth: 75 ft.
Borehole Diameter:
Top: 8 in.
Bottom: 8 in.
Well Casing Begins:
1.5 ft. above grade or
115.75 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rate (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>65</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
</tbody>
</table>

Middle Casing (for triple cased wells only)
Outer Casing (largest diameter)
Open Hole or Screen (No. Used)
Blank Casings (No. Used)
Tail Piece
Gravel Pack
Grout

Note: Measure all depths from land surface

RECORD OF TEST
Test Date: 5/2/07
Static Water Level: 10 ft. below land surface
Water Level Measured Using: Tape
Pumping Water Level: 10 ft. below land surface
Well Was Pumped Using: Air
Well Yield: 80 gpm
If Pump Tested: Discharge Rate: 1/4 gpm
Duration of Test: 1/4 hours

PERMANENT PUMPING EQUIPMENT
Installed by: Tom LeSage, Reg. No. 1072
Pump Type: Submersible
Depth of Pump below land surface: 35 ft.
Capacity: 1/2 gpm Horsepower

Grouting Method:
Drilling Method: Rotary

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations
0-2 Black Sandy Top Soil
2-12 Tan Crust Sandstone
12-30 Yellow Medium Sand
30-75 Gray White Deep Chert Sand

RECEIVED
MAY 1 5 2007

AS-BUILT WELL LOCATION

NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: _______ EASTING: _______

LATITUDE: _______ "LONGITUDE: _______"

Drilled by ANDERSONS WELL DRILLING

Driller's Signature: Daniel A. Carter
Registration No. 7024134
Date: 5/19/07

OR

ORIGINAL: DEP  
COPIES: DRILLER  
OWNER  
HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 55256

Atlas Sheet Coordinates
31 42 131

OWNER
GROCHOWSKI, TONY

Address
PO BOX 7

City
FRANKLINVILLE

State
NJ

Zip Code

WELL LOCATION ADDRESS
LEONARD CAKE ROAD

County
GLoucester

Municipality
FRANKLIN TWP

Lot No.
14

Block No.
4232

WELL USE
DOMESTIC REPLACEMENT

DATE WELL STARTED
1/26/99

DATE WELL COMPLETED
1/31/99

WELL CONSTRUCTION

Total Depth Drilled 125 ft.

Finished Well Depth 125 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
+1.5 ft. above grade or
_______ ft. below grade

Note: Measure all depths from land surface

<p>| Depth to | Depth to | Diameter | Material | Wgt./Rating |</p>
<table>
<thead>
<tr>
<th>Top (ft.)</th>
<th>Bottom (ft.)</th>
<th>(Inches)</th>
<th></th>
<th>(lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>115 125</td>
<td>4</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td>115 125</td>
<td>4</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>115 125</td>
<td>4</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Blank Casing (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>110 125</td>
<td>8</td>
<td>#1 More</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0 110</td>
<td></td>
<td>Neat Cement Bentonite</td>
<td>500 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date
1/26/99

Static Water Level 8 ft. below land surface

Water Level Measured Using tape

Pumping Water Level NA ft. below land surface

Well Was Pumped Using NA

Well Yield NA gpm

If Pump Tested: Discharge Rate NA gpm
Duration of Test NA hours

Grouting Method Pressure Tremie
Drilling Method Mud Rotary

PERMANENT PUMPING EQUIPMENT

Installed by George Edwards Reg. No. 13760
Pump Type Submersible
Depth of Pump below land surface 30 ft.
Capacity 12 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company UNI-TECH DRILLING
Well Driller (Print) Edward Angelo
Driller's Signature Edward Angelo
Registration No. B1457 Date 2/5/99

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

- 6-12 ft. gravel
- 10-32 cm tan sand
- 33-38 tan clay
- 38-76 cm sand tan
- 16-93 gray clay
- 93-125 gray cm sand

COPYIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
**WELL RECORD**

**OWNER**
KANE, HARRY

**Address**
195 LEONARD CAKE RD

**City**
FRANKLINVILLE

**State**
NJ

**Zip Code**

**WELL LOCATION ADDRESS**
195 LEONARD CAKE RD

**County**
GLoucester

**Municipality**
FRANKLIN TWP

**Lot No.**
00022

**Block No.**
04203

**DATE WELL STARTED**
5 / 14 / 01

**DATE WELL COMPLETED**
5 / 14 / 01

**WELL CONSTRUCTION**

Total Depth Drilled: 140 ft.

Finished Well Depth: 140 ft.

Borehole Diameter:
- Top: 8 in.
- Bottom: 8 in.

Well Casing Begins:
- 2 ft. above grade or
- 6 ft. below grade

**Note:** Measure all depths from land surface.

<table>
<thead>
<tr>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC</td>
<td>40</td>
</tr>
<tr>
<td>#1</td>
<td>800#</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

Test Date: 5 / 14 / 01

Static Water Level: 24 ft. below land surface

Water Level Measured Using: Tape

Pumping Water Level: 125 ft. below land surface

Well Was Pumped Using: Airlift

Well Yield: 50 gpm

If Pump Tested: Discharge Rate: NA gpm

Duration of Test: Hours

**PERMANENT PUMPING EQUIPMENT**

Installed by: Karl Hitzelberger

Pump Type: Submersible

Depth of Pump below land surface: 60 ft.

Capacity: 12 gpm

Horsepower: 1/2

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company**
UNI-TECH DRILLING

**Well Driller (Print)**
Karl Hitzelberger

**Driller's Signature**
Karl Hitzelberger

**Registration No.**
M1530

**Date**
5 / 25 / 01

**AS-BUILT WELL LOCATION**

(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET

**NORTHING:**

**EASTING:**

**OR**

**LATITUDE:**

**LONGITUDE:**

**GEOLOGIC LOG**

- 0 - 10: Sand + Gravel
- 10 - 20: Orange Tan Clay
- 20 - 50: CMF Sands White
- 50 - 60: Tan Clay
- 60 - 70: CMF Sand
- 70 - 120: Intermittent Sand + Clay
- 120 - 135: Gray clay
- 135 - 140: MF White sand
- 140 - 155: Black Clay

**Grouting Method:** Pressure "Trench"

**Drilling Method:** Mud Rotary
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31  60110

Atlas Sheet Coordinates
31  42  131

OWNER
FRANK, LINDA

Address
660 WILLIAMSTOWN RD

City
FRANKLINVILLE

State
NJ

Zip Code

WELL LOCATION ADDRESS
660 WILLIAMSTOWN RD

County
GLOUCESTER

Municipality
FRANKLIN TWP

Lot No. 1  Block No. 4202

WELL USE
DOMESTIC REPLACEMENT

DATE WELL Started
2/27/01

DATE WELL COMPLETED
2/27/01

WELL CONSTRUCTION

Total Depth Drilled 68 ft.

Finished Well Depth 68 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
1.5 ft. above grade or
7 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>58</td>
<td>4</td>
<td>PVC SCH 40</td>
<td></td>
</tr>
</tbody>
</table>

- Single/Inner Casing
- Middle Casing (for triple cased wells only)
- Outer Casing (largest diameter)
- Open Hole or Screen (No. Used)
- Blank Casings (No. Used)
- Tail Piece

Gravel Pack 58 68 
#2 Well Gravel
Grout 3 58
Neat Cement 190 lbs.
Bentonite

RECORD OF TEST

Test Date 2/27/01
Static Water Level 18 ft. below land surface
Water Level Measured Using Tape
Pumping Water Level 18 ft. below land surface
Well Was Pumped Using Air
Well Yield 60 gpm
If Pump Tested: Discharge Rate N/A gpm
Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT
Installed by Tom LeSage Reg. No. 1072
Pump Type Submersible
Depth of Pump below land surface 40 ft.
Capacity 12 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSON'S WELL DRILLING

Well Driller (Print) George Ely

Driller's Signature George Ely 26

Registration No. 31485  Date 4/20/01

Grouting Method Pressure Grouted w/Tremie
Drilling Method Rotary

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

0 - 2 Topsoil
2 - 6 Coarse Brown Sand
6 - 18 Coarse Yellow Sand
18 - 23 Coarse White Sand
23 - 38 Coarse Brown Sand/Brown Clay
38 - 46 Gravel
46 - 48 Brown Clay
48 - 63 Coarse White Sand
63 - 68 Gray Clay & Fine Gray Sand

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: __________  EASTING: __________

LATITUDE: __0__ ° __'__ __"__  LONGITUDE: __0__ ° __'__ __"__
**WELL RECORD**

**WISOWATY, EDWARD**

**Address**
61 LEONARD CAKE ROAD

**City**
FRANKLINVILLE

**State**
NJ

**Zip Code**

**WELL LOCATION ADDRESS**
61 LEONARD CAKE ROAD

**Lot No.**
12

**Block No.**
4202

**WELL USE**
DOMESTIC REPLACEMENT

**DATE WELL STARTED**
7/10/01

**DATE WELL COMPLETED**
7/10/01

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>41</td>
<td>80</td>
<td>4</td>
<td>P1C</td>
<td>SC/40</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>80</td>
<td>90</td>
<td>4</td>
<td>P1C</td>
<td>.015</td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td>90</td>
<td>95</td>
<td>4</td>
<td>P1C</td>
<td>SC/40</td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>70</td>
<td>95</td>
<td>8</td>
<td>RJC/Ct</td>
<td>#2</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>70</td>
<td>8</td>
<td>Neat Cement Bentonite</td>
<td>150 lbs.</td>
</tr>
</tbody>
</table>

### RECORD OF TEST

| Test Date                  | 7/10/01            |
| Static Water Level         | 5 ft. below land surface |
| Water Level Measured Using | PROBE              |
| Pumping Water Level        | 20 ft. below land surface |
| Well Was Pumped Using      | ADJ. LEFT          |
| Well Yield                 | 95 gpm             |
| If Pump Tested:            |                     |
| Discharge Rate              |                     |
| gpm                         |                     |
| Duration of Test           |                     |
| hours                      |                     |

### PERMANENT PUMPING EQUIPMENT

| Installed by               | EMAYERS             |
| Pump Type                  | 5/08                |
| Depth of Pump below land surface | 40 ft.           |
| Capacity                   | 30 gpm              |
| Horsepower                 | 1                   |

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**DESEA WELL DRILLING**

**Drilling Company**

**Well Driller (Print)**
EMAYERS

**Driller's Signature**
[Signature]

**Registration No.**
11135

**Date**
9/12/01

**COPIES:**
White - DEP
Canary - Driller
Pink - Owner
Goldenrod - Health Dept.

### GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

- 0-2 TOP SOIL
- 2-16 WHITE SAND
- 16-68 YELLOW SAND
- 68-72 GRAY CLAY
- 72-90 KIRK WOOD
- 90-95 GRAY CLAY

**AS-BUILT WELL LOCATION**
(NAD 83 HORIZONTAL DATUM)

**NJ STATE PLANE COORDINATE IN US SURVEY FEET**

<table>
<thead>
<tr>
<th>NORTHING:</th>
<th></th>
<th>EASTING:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LATITUDE:</td>
<td></td>
<td>LONGITUDE:</td>
<td></td>
</tr>
</tbody>
</table>
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31  63360

Atlas Sheet Coordinates
31  42  131

OWNER
RICHMOND, MICHAEL

Address
377 THREE BRIDGES ROAD

City
NEWFIELD

State
NJ

Zip Code

WELL LOCATION ADDRESS
377 THREE BRIDGES RD

SALEM

Lot No.
13

Municipality
UPPER PITTSGROV

Block No.
2

WELL USE
DOMESTIC REPLACEMENT

DATE WELL STARTED
5 / 16 / 02

DATE WELL COMPLETED
5 / 16 / 02

WELL CONSTRUCTION

Total Depth Drilled
85 ft.

Finished Well Depth
85 ft.

Borehole Diameter:
Top
8 in.

Bottom
8 in.

Well Casing Begins:
+1 ft. above grade or

ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Material</th>
<th>Wgt./Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC</td>
<td>Sch.40</td>
</tr>
<tr>
<td>PVC</td>
<td>Sch.40</td>
</tr>
<tr>
<td>#2 sand</td>
<td></td>
</tr>
</tbody>
</table>

Grouting Method
Tremie pipe

Drilling Method
mud

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.

0'-2' topsoil brown
2'-10' gravelly clay yellow brown
10'-33' sand coarse to gravel stones yellow brown
33'-38' clay yellow brown & white
38'-55' gravel yellow to orange brown
55'-58' clay white
58'-70' gravel to sand yellow brown
70'-72' clay yellow brown
72'-85' sand medium light brown

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: 000000  EASTING: 000000

OR

LATITUDE: 000000  LONGITUDE: 000000

DAGOSTINO WELL DRILLING

Well Driller (Print)   Paul Belan
Driller's Signature

Registration No. 1027

Date 5 / 17 / 02

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
**New Jersey Department of Environmental Protection**
**Bureau of Water Allocation**

**WELL RECORD**

**OWNER**
FALISI, JAMES

**Address**
215 LEONARD CAKE RD
FRANKLINVILLE

**City**

**State**
NJ

**Zip Code**

**WELL LOCATION ADDRESS**
215 LEONARD CAKE RD
GLOUCESTER
FRANKLIN TWP

**Owner’s Well No.**
4203

**Lot No.**
20

**Block No.**

**DATE WELL STARTED**
6/3/02

**DATE WELL COMPLETED**
6/3/02

**WELL USE**
DOMESTIC REPLACEMENT

---

**WELL CONSTRUCTION**

- **Total Depth Drilled**: 80 ft.
- **Finished Well Depth**: 80 ft.
- **Borehole Diameter**:
  - Top: 8 in.
  - Bottom: 8 in.
- **Well Casing Begins**:
  - +2 ft. above grade or
  - -2 ft. below grade

**RECORD OF TESTING**

- **Test Date**: 6/3/02
- **Static Water Level**: 15 ft. below land surface
- **Pumping Water Level**: 30 ft. below land surface
- **Well Was Pumped Using**: AERIAL
- **Well Yield**: 50 gpm
- **If Pump Tested**:
  - **Discharge Rate**: NA gpm
  - **Duration of Test**: 00 hours

**PERMANENT PUMPING EQUIPMENT**

- **Installed by**: Karl Hitzelberger
- **Reg. No.**: 1530
- **Pump Type**:
- **Depth of Pump below land surface**: 30 ft.
- **Capacity**: 30 gpm
- **Horsepower**: 1

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

Drilling Company
UNI-TECH DRILLING

**Well Driller (Print)**
Karl Hitzelberger

**Driller's Signature**
Karl Hitzelberger

**Registration No.**
M530

**Date**
6/3/02

**Note: Measure all depths from land surface.**

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>72</td>
<td>70</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>65</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>15</td>
<td></td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

**GEOLOGIC LOG**

Note depths where water was encountered in consolidated formations.

- **0-18**: Orange Sandy Clay
- **18-55**: Sand w/ Clay Stringers
- **55-68**: OMF White Sand
- **68-70**: Tan Clay
- **70-80**: White Chnc Sand

---

**AS-BUILT WELL LOCATION**
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

<table>
<thead>
<tr>
<th>Northing:</th>
<th>Easting:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OR**

<table>
<thead>
<tr>
<th>Latitude:</th>
<th>Longitude:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COPIES:**
White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Systems and Well Permitting

WELL RECORD

OWNER: THOMAS NEVILLE
Address: 181 LEONARD CAKE ROAD
City: Franklinville
State: New Jersey
Zip Code: 08322

WELL LOCATION ADDRESS: 181 LEONARD CAKE ROAD

County: Gloucester
Municipality: Franklin Twp
Lot No.: 23
Block No.: 4203

WELL USE: Domestic Replacement

DATE WELL STARTED: 8-29-06
DATE WELL COMPLETED: 8-29-06

WELL CONSTRUCTION
Total Depth Drilled: 95 ft.
Finished Well Depth: 95 ft.

Borehole Diameter:
Top: 8 in.
Bottom: 8 in.

Well Casing Begins:
8 ft. above grade or

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to</th>
<th>Diameter</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top (ft.)</td>
<td>Bottom (ft.)</td>
<td>(inches)</td>
</tr>
<tr>
<td>82</td>
<td>85</td>
<td>4&quot;</td>
</tr>
<tr>
<td>95</td>
<td>95</td>
<td>4&quot;</td>
</tr>
</tbody>
</table>

Open Hole or Screen (No. Used): 0.020
Blank Casings (No. Used):

Tail Piece
Gravel Pack: 80 - 95
Grout: 0 - 80

Neat Cement Bentonite: 350 lbs

RECORD OF TEST
Test Date: 8/29/06
Static Water Level: 15 ft. below land surface
Water Level Measured Using: Tape
Pumping Water Level: NA ft. below land surface
Well Was Pumped Using: Airlift
Well Yield: 40 gpm
If Pump Tested: NA
Discharge Rate: gpm
Duration of Test: NA hours

PERMANENT PUMPING EQUIPMENT
Installed by: Joseph Jester
Reg. No.: M1399
Pump Type: Submersible
Depth of Pump below land surface: 30 ft.
Capacity: 12 gpm, Horsepower: 1.2

Grouting Method: Pressure Tremie
Drilling Method: Mud Rotary

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.31'</td>
<td>tan/orange CMF Sand</td>
</tr>
<tr>
<td>21'-60'</td>
<td>tan M-F Sand</td>
</tr>
<tr>
<td>60'-70'</td>
<td>tan/white clay</td>
</tr>
<tr>
<td>70'-95'</td>
<td>tan CMF Sand</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: EASTERING:

OR
LATITUDE: ° ' " LONGITUDE: ° ' "

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNI-TECH DRILLING CO INC
Well Driller (Print): Joseph Jester
Driller's Signature: Joseph Jester
Registration No.: M1399
Date: 9/11/06

ORIGINAL: DEP

COPIES: DRILLER

OWNER

HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER  DORIS SMITH
Address  46 TRIUMPH ROAD
City  Franklinville  State  New Jersey  Zip Code  08322

WELL LOCATION ADDRESS  46 TRIUMPH ROAD  Owner’s Well No.  2
County  Gloucester  Municipality  Franklin Twp  Lot No.  3  Block No.  4116

WELL USE  Domestic Replacement

DATE WELL STARTED  9.25.00  DATE WELL COMPLETED  9.25.00

WELL CONSTRUCTION

| Total Depth Drilled       | 147 ft. |
| Finished Well Depth       | 147 ft. |
| Borehole Diameter:        |         |
| Top                       | 8 in.   |
| Bottom                    | 8 in.   |
| Well Casing Begins:       | +1.5 ft. above grade or -     |
|                           |         |

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5</td>
<td>137</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
</tbody>
</table>

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Top Hole or Screening (No. Used)</th>
<th>137 147 4  PVC  SCH 40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>130 147 8  #1 sand  600 lbs</td>
</tr>
<tr>
<td>Grout</td>
<td>0 132 8  Neat Cement  35 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date  9.25.00  Static Water Level  10 ft. below land surface
Water Level Measured Using  m-scope
Pumping Water Level  ft. below land surface
Well Was Pumped Using  airlift
Well Yield 40 gpm
If Pump Tested  Discharge Rate  gpm
Duration of Test  hours

PERMANENT PUMPING EQUIPMENT

Installed by  John J. Rosery Jr.  Reg. No.  JBR196453
Pump Type  Submersible
Depth of Pump below land surface  35 ft.
Capacity  10 gpm  Horsepower  1/2

Grouting Method  Tremie  Drilling Method  Rotary

GEologic LOG

<table>
<thead>
<tr>
<th>Depth</th>
<th>Formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-14'</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>14'-27'</td>
<td>Clay</td>
</tr>
<tr>
<td>27'-43'</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>43'-80'</td>
<td>Clay</td>
</tr>
<tr>
<td>81'-90'</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>90'-112'</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>112'-119'</td>
<td>Clay</td>
</tr>
<tr>
<td>119'-147'</td>
<td>Coarse Sand</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  CHOICE WATER GROUP, LLC
Well Driller (Print)  John J. Rosery Jr.
Driller's Signature  
Registration No.  JBR196453  Date  11/18/00

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING:   EASTING:

OR

LATITUDE:  ° ' "  LONGITUDE:  ° ' "

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner: TUCKER, ETHEL
Address: 212 LEONARD CAKE ROAD
City: FRANKLINVILLE
County: GLOUCESTER
Municipality: FRANKLIN TWP
WELL USE: DOMESTIC REPLACEMENT

Well Permit Number: 31
Atlas Sheet Coordinates: 31 42 132

WELL LOCATION ADDRESS
212 LEONARD CAKE ROAD
Lot No. 3
Block No. 4401

DATE WELL STARTED: 8/5/99
DATE WELL COMPLETED: 8/5/99

WELL CONSTRUCTION
Total Depth Drilled: 100 ft.
Finished Well Depth: 100 ft.
Borehole Diameter: Top 8 in., Bottom 6 in.
Well Casing Begins: 1 ft. above grade or ______ ft. below grade

WELL MATERIALS

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+2</td>
<td>90</td>
<td>4 1/2</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used: 1)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
<td>Sch40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td>8</td>
<td>#1 Sand</td>
<td>300 lbs</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td>8</td>
<td>Neat Cement</td>
<td>Bentonite 300 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date: 1/NA
Static Water Level: 22 ft. below land surface
Water Level Measured Using: M-SCOPE
Pumping Water Level: NA ft. below land surface
Well Was Pumped Using: NA
Well Yield: NA gpm
If Pump Tested: Discharge Rate: NA gpm Duration of Test: NA hours

PERMANENT PUMPING EQUIPMENT
Installed by: Joseph Jester, Reg. No. 1399
Pump Type: Submersible
Depth of Pump below land surface: 50 ft.
Capacity: 12 gpm Horsepower: 1/2

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations.
0-21 orange, tan CMF sand w/ gravels
21-60 tan CMF sand
60-69 tan/white clay
69-100 tan CMF sand

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.
Drilling Company: UNI-TECH DRILLING
Well Driller (Print): Joseph Jester
Driller's Signature: Joseph Jester
Registration No: JD1399 Date: 8/23/95

Grouting Method: Pressure Tremie
Drilling Method: Mud Rotary

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
## WELL RECORD

**Owner**: SCHOETTLE, MICHAEL  
**Address**: 241 LEONARD CAKE RD  
**City**: FRANKLINVILLE  
**State**: NJ  
**Zip Code**: 08322  
**Well Permit Number**: 31 59684  
**Atlas Sheet Coordinates**: 31 42 132  
**WELL LOCATION ADDRESS**: 241 LEONARD CAKE RD  
**County**: GLOUCESTER  
**Municipality**: FRANKLIN TWP  
**Lot No.**: 18  
**Block No.**: 4203  
**Date Well Started**: 12/12/00  
**Date Well Completed**: 1/18/00

### WELL USE
DOMESTIC REPLACEMENT

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt/Rating (lbs/sft no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>70</td>
<td>4</td>
<td>PVC</td>
<td>536.40</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>70</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
<td>536.40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>70</td>
<td>80</td>
<td></td>
<td>Gravel</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>10</td>
<td></td>
<td>Neat Cement</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Bentonite</td>
<td>264.3 lbs</td>
</tr>
</tbody>
</table>

### RECORD OF TEST

**Test Date**: 12/12/00  
**Static Water Level**: 18.00 ft. below land surface  
**Water Level Measured Using**: Tape  
**Pumping Water Level**: 18.00 ft. below land surface  
**Well Was Pumped Using**: Air  
**Well Yield**: 60  
**If Pump Tested**:  
**Discharge Rate**: N/A gpm  
**Duration of Test**: N/A hours

### PERMANENT PUMPING EQUIPMENT

**Installed by**: Tom Hegarty  
**Reg. No.**: 1072  
**Pump Type**: Jet Pump Existing  
**Depth of Pump below land surface**: 30 ft.  
**Capacity**: 10 gpm  
**Horsepower**: 2 hp

**Grouting Method**: Pressure Grouted w/Lt/Pre Mix Pipe  
**Drilling Method**: Rotary

### GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

- **0-2**: Topsoil
- **2-18**: Course Yellow Sand
- **18-33**: Yellow Clay
- **33-38**: Course Red Sand
- **38-43**: Course Red Sand and Sandstone Clasp
- **43-54**: Fine Yellow Sand
- **54-56**: Fine Yellow Sand, Fine Yellow Sand

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company**: ANDERSON'S WELL DRILLING  
**Well Driller (Print)**: George Ely  
**Driller's Signature**:  
**Registration No.**: 1334  
**Date**: 1/17/01

---

**COPIES:**  
White - DEP  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection  
Bureau of Water Allocation  

WELL RECORD

OWNER  STACIE STOCKDILL
Address  244 LEONARD CAKE ROAD
City  Franklinville  State  New Jersey  Zip Code  08322

WELL LOCATION ADDRESS  244 LEONARD CAKE ROAD
County  Gloucester  Municipality  Franklin Twp  Lot No.  6  Block No.  4401

WELL USE  Domestic Replacement

DATE WELL STARTED  5-25-05
DATE WELL COMPLETED  5-25-05

WELL CONSTRUCTION
Total Depth Drilled  98 ft.
Finished Well Depth  98 ft.
Borehole Diameter:
   Top  8 in.
   Bottom  8 in.
Well Casing Begins:
   1.5 ft. above grade or
   ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>88</td>
<td>4</td>
<td>PVC Sch40</td>
</tr>
</tbody>
</table>

Open Hole or Screen
(No. Used )

Blank Casings
(No. Used )

Tail Piece

Gravel Pack

Grout Pack

Grouting Method
Drilling Method

RECORD OF TEST
Test Date  5-25-05
Static Water Level  12 ft. below land surface
Water Level Measured Using  Tape
Pumping Water Level  12 ft. below land surface
Well Was Pumped Using  Air
Well Yield  70 gpm
If Pump Tested  Discharge Rate  N/A gpm
Duration of Test  N/A hours

PERMANENT PUMPING EQUIPMENT
Installed by  Tom LeVage  Reg. No.  1072
Pump Type  Submersible
Depth of Pump below land surface  40 ft.
Capacity  1/2 gpm  Horsepower  1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  ANDERSONS WELL DRILLING
Well Driller (Print)  George Ely
Driller's Signature  
Registration No.  JD1485  Date  6/10/05

GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2-14</td>
<td>Orange Clay &amp; Grav.</td>
</tr>
<tr>
<td>14-42</td>
<td>Coarse Tan Sand</td>
</tr>
<tr>
<td>42-58</td>
<td>Coarse White Sand</td>
</tr>
<tr>
<td>58-79</td>
<td>Coarse Yellow Sand</td>
</tr>
<tr>
<td>79-98</td>
<td>Medium Yellow Sand</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING:  EASTING:

OR

LATITUDE: ° ' "  LONGITUDE: ° ' "

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection  
Bureau of Water Allocation  

WELL RECORD

OWNER  MARY ANN SCHEELE
Address  827 OAK AVENUE
City  Malaga  State  New Jersey  Zip Code  08328

WELL LOCATION ADDRESS  827 OAK AVENUE  
County  Gloucester  Municipality  Franklin Twp  Lot No.  7  Block No.  4401

WELL USE  Domestic Replacement

DATE WELL STARTED  1-9-07  
DATE WELL COMPLETED  1-9-07

WELL CONSTRUCTION
Total Depth Drilled  95 ft.
Finished Well Depth  95 ft.
Borehole Diameter:
Top  8 in.
Bottom  8 in.
Well Casing Begins:
1.5 ft. above grade or ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/inner Casing</td>
<td>1.5</td>
<td>85</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 020 )</td>
<td>85</td>
<td>95</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used )</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Piece</td>
<td>80</td>
<td>95</td>
<td>8</td>
<td>1#</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>80</td>
<td>8</td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date  1/9/07
Static Water Level  12 ft. below land surface
Water Level Measured Using M Scope
Pumping Water Level  40 ft. below land surface
Well Was Pumped Using A Lift
Well Yield  40 gpm
If Pump Tested  N/A  gpm  N/A hours

PERMANENT PUMPING EQUIPMENT
Installed by Joseph Jester  Reg. No. M1399
Pump Type Submersible
Depth of Pump below land surface  35 ft.
Capacity  15 gpm  Horsepower  1/2

Grouting Method Pressure  Trench
Drilling Method  Mud Rotary

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.20</td>
<td>Orange Tan C-M-F Sand</td>
</tr>
<tr>
<td>20.48</td>
<td>Tan M-F Sand</td>
</tr>
<tr>
<td>48.55</td>
<td>White Tan clay</td>
</tr>
<tr>
<td>55.95</td>
<td>Tan C-M-F Sand</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION  
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING:  EASTING:

OR

LATITUDE: ° ° ° °  "LONGITUDE: ° ° ° ° "

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  UNI-TECH DRILLING CO INC
Well Driller (Print)  Joseph Jester
Driller's Signature  Joseph Jester
Registration No.  M1399  Date  1/9/07

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number 31 -- 59685
Atlas Sheet Coordinates 31 : 42 : 133

OWNER
GODFREY, STEVE & RUFFINA
60 GRUBB RD

Address

City NEWFIELD State NJ Zip Code 08222

WELL LOCATION ADDRESS 60 GRUBB RD
County GLOUCESTER Municipality FRANKLIN TWP
Lot No. 2 Block No. 5202

WELL USE DOMESTIC REPLACEMENT

DATE WELL STARTED 12/12/00
DATE WELL COMPLETED 12/12/00

WELL CONSTRUCTION

Total Depth Drilled 90 ft.
Finished Well Depth 90 ft.
Borehole Diameter: Top 8 in. Bottom 8 in.
Well Casing Begins: 15 ft. above grade or ft. below grade

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
<td>SCH40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used )</td>
<td>80</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>SCH40</td>
</tr>
<tr>
<td>Blank Casings (No. Used )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>80</td>
<td>90</td>
<td></td>
<td>Gravel</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>80</td>
<td></td>
<td>Neat Cement</td>
<td>853 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 12/12/00
Static Water Level 80 ft. below land surface
Water Level Measured Using Tape
Pumping Water Level 80 ft. below land surface
Well Was Pumped Using Air
Well Yield 100 gpm
If Pump Tested: Discharge Rate N/A gpm
Duration of Test N/A hours

Grouting Method Pressure Grout with Tremie Pipe
Drilling Method Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-4 Top Soil
5-8 Loamy Clay
9-33 Coarse Red Sand
33-58 Coarse Yellow Sand
58-63 Loamy Silt
63-90 Coarse Orange Sand Fine Middl. Siltstone

PERMANENT PUMPING EQUIPMENT

Installed by Bill Harris Reg. No. 0445
Pump Type Jet Pump
Depth of Pump below land surface 80 ft.
Capacity 12 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSON'S WELL DRILLING
Well Driller (Print) George Fug
Driller's Signature George Fug BA
Registration No. 21854 Date 2/13/01
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER MIKE DELGIO RNO
Address 44 HILEY AVE.
City Franklinville
County Gloucester
State New Jersey
Zip Code 08322

WELL LOCATION ADDRESS 44 HILEY AVE.
County Gloucester
Municipality Franklin Twp
Lot No. 2
Block No. 4102

WELL USE Domestic Replacement

DATE WELL STARTED 11-16-04
DATE WELL COMPLETED 11-16-04

WELL CONSTRUCTION
Total Depth Drilled 105 ft.
Finished Well Depth 105 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
1 ft. above grade or

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>11</td>
<td>95</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>95</td>
<td>105</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>90</td>
<td>105</td>
<td>8</td>
<td>RECCE</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>90</td>
<td>8</td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date 11/16/04
Static Water Level 16 ft. below land surface
Water Level Measured Using PROBE
Pumping Water Level ft. below land surface
Well Was Pumped Using AIR LIFT
Well Yield 30 gpm
If Pump Tested Discharge Rate gpm
Duration of Test hours

PERMANENT PUMPING EQUIPMENT
Installed by E. MAYER Reg. No. 1113
Pump Type SUB
Depth of Pump below land surface 50 ft.
Capacity 10 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company DELSEA WELL DRILLING
Well Driller (Print) E. MAYER
Driller's Signature
Registration No. 1113 Date 11/16/05

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>Top Soil</td>
</tr>
<tr>
<td>1-12</td>
<td>Yellow Sand</td>
</tr>
<tr>
<td>12-80</td>
<td>Mixed Sand &amp; Clay</td>
</tr>
<tr>
<td>80-105</td>
<td>White Sand</td>
</tr>
</tbody>
</table>

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET
NORTHING: ___________ EASTING: ___________

OR
LATITUDE: __ __ __ ° " LONGITUDE: __ __ ___ ° "

ORIGINAL: DEP  COPIES: DRILLER  OWNER  HEALTH DEPARTMENT
**WELL RECORD**

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY**
**BUREAU OF WATER ALLOCATION**

**WELL PERMIT NO.** 31-41533
**ATLAS SHEET COORDINATES** 31:42:135

**OWNER IDENTIFICATION - Owner**
DECARTO, MARTILYN A.

**Address**
328 KNGARD AVE.

**City** PENNSAUKEN
**State** NJ
**Zip Code**

**WELL LOCATION - If not the same owner please give address.**

**Owner's Well No.**

**Address**

**County** GLOUCESTER
**Municipality** FRANKLIN TWP
**Lot No.** 5
**Block No.** 4301

**WELL USE**
Domestic

**WATER USE**
Domestic
**Average** 500 gals. daily
**Maximum** 750 gals. daily

**WELL CONSTRUCTION**

**Date well completed** 5/18/94

**Depths:**
- Total: 100 ft.
- Finished: 100 ft.

**Diameter:**
- Top: 8 in.
- Bottom: 8 in.

**Land Surface Elevation at well** 538 ft.
**Elevation was determined using**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Casing</th>
<th>Screen 1</th>
<th>Screen 2</th>
<th>Tail Piece</th>
<th>Gravel Pack</th>
<th>Grout</th>
<th>Diameter (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>90'</td>
<td>90'</td>
<td>10'</td>
<td>85</td>
<td>15'</td>
<td>85'</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type and Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sch 40 PVC</td>
</tr>
<tr>
<td>Sch 40 PVC</td>
</tr>
<tr>
<td>#1 Morie</td>
</tr>
</tbody>
</table>

**Pressurized Drill**

**WELL FLOWS NATURALLY**

**gals. per min. at ft. above the land surface.**

**RECORD OF TEST**

**Test Date** 5/18/94

- **Static water-level before pumping**
- **Water level** ft. below land surface after ___ hrs. of pumping.
- **Drawdown** ft.
- **Discharge Rate** gals. per min.
- **Specific Capacity** gals. per min. per ft. of drawdown

**PERMANENT PUMPING EQUIPMENT**

- **Installed by** OTHERS
- **Model** UNKNOWN

- **Mfr. Name**
- **CAPACITY:** Pump delivers ___ GPM at ___ PSI pressure.
- **POWER:** HP at ___ RPM Power Source
- **DEPTHS:** Pump ___ ft. Footpiece ___ ft. Airline ___ ft.
- **FLOW METER:** Model installed on ___ in. diameter pipe.

**CONTRACTOR - Name of Drilling Contractor**

**UNI-TECH DRILLING**

**Address** P.O. BOX 639
**City** NEWFIELD
**State** NJ
**Zip Code** 08344

**License No.** m0394

**Signature of Contractor**

**Date** 7/2/94

**COPIES:** Water - DEPE
Canary - Driller
Pink - Owner
Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No

Drilling Method: Mud Rotary
Type of Rig: 1500 Falling
Aquifer/Geo. Fm.: Cohanseay

LOG

0 - 25': Coarse sand & stones
25' - 29': White Clay
59' - 47': Coarse sand & tan
47' - 56': Tan Clay
56' - 100': F/M Tan Sand

DEP USE ONLY

Storet Hydrogeo Code
USGS Hydrogeo Code
Depth to Bedrock ft.
Bedrock Lith. Code
Bedrock Fm. Code

Completed by ____________________________
Date ___ / ___ / ___

Thick. Lith. Fm.

GWPI No. ____________________________ NJPDES No. ____________________________

Latitude 0° ___ ' ___ "
Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"

Longitude ___° ___ ' ___ "

USGS Quadrangle

Drainage Basin Code

County/Municipality Code

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data
□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by ____________________________ Date ___ / ___ / ___
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 -- 61887

Atlas Sheet Coordinates
31 42 211

KELLY, JOSEPH J

Address 234 LEONARD CAKE RD
FRANKLINVILLE NJ

City
State
Zip Code 08322

WELL LOCATION ADDRESS 234 LEONARD CAKE RD
GLOUCESTER FRANKLIN TWP

County Municipality
Lot No. 4401
Block No.

DATE WELL STARTED: 9/26/01
DATE WELL COMPLETED: 9/26/01

WELL USE DOMESTIC REPLACEMENT

WELL CONSTRUCTION

Total Depth Drilled 90 ft.
Finished Well Depth 90 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
1.5 ft. above grade or
ft. below grade

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
<td>sch 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>80</td>
<td>90</td>
<td>#2 well gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>80</td>
<td>Neat Cement</td>
<td>233 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date 9/26/01
Static Water Level 22 ft. below land surface
Water Level Measured Using Tape
Pumping Water Level 22 ft. below land surface
Well Was Pumped aie
Well Yield 100 gpm
If Pump Tested: Discharge Rate N/A gpm
Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by Thomasreg. No. 1042
Pump Type Submersible
Depth of Pump below land surface 50 ft.
Capacity 25 gpm Horsepower \_\_

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

ANDERSON'S WELL DRILLING

Drilling Company
Well Driller (Print) George Ely
Driller's Signature George Ely
Registration No. 7486 Date 11/14/01

COPIES: White - DEP Canary - Driller Pink - Owner
Goldenrod - Health Dept.

Grouting Method Pressure Grout w/ Trennie Pipe
Drilling Method Rotary

GEOLOGIC LOG

Note depths where water was encountered in consolidated formations.
0-2 Topsoil
2-8 coarse yellow sand w/ orange clay
8-53 coarse red sand
53-59 med yellow sand w/ yellow \_ white clay
59-90 med yellow sand

AS-BUILT WELL LOCATION
(NAD 83 HORIZONTAL DATUM)
NJ STATE PLANE COORDINATE IN US SURVEY FEET

NORTHING: ___________ EASTING: ___________

OR

LATITUDE: 0 _ _ _ " LONGITUDE: 0 _ _ _ "

COPIES: White - DEP Canary - Driller Pink - Owner
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

OWNER  KENNETH DANTER
Address  199 BLACKWOOD AVE.
City  Franklinville
State  New Jersey
Zip Code  08322

WELL LOCATION ADDRESS  2646 DELSEA DRIVE
County  Gloucester
Municipality  Franklin Twp
Lot No.  17
Block No.  3603

WELL USE  Domestic Replacement

DATE WELL STARTED  11-25-03
DATE WELL COMPLETED  11-25-03

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>42</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>42</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td>1.5 ft. above grade or ft. below grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Date</td>
<td>11-25-03</td>
</tr>
<tr>
<td>Static Water Level</td>
<td>25 ft. below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>Tape</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>25 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>Air</td>
</tr>
<tr>
<td>Well Yield</td>
<td>80 gpm</td>
</tr>
<tr>
<td>If Pump Tested</td>
<td></td>
</tr>
<tr>
<td>Discharge Rate</td>
<td>1/4 gpm</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>1/4 hours</td>
</tr>
</tbody>
</table>

PERMANENT PUMPING EQUIPMENT

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installed by</td>
<td>Tom Le Sage Reg. No. 1072</td>
</tr>
<tr>
<td>Pump Type</td>
<td>Submersible</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>35 ft.</td>
</tr>
<tr>
<td>Capacity</td>
<td>1/2 gpm Horsepower 1/2</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  ANDERSONS WELL DRILLING
Well Driller (Print)  Dan Carter
Driller's Signature  Dan Carter
Registration No.  JD21854
Date  12/1/03

GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Formation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Black Top Soil</td>
</tr>
<tr>
<td>2-17</td>
<td>Tan Coarse Sand</td>
</tr>
<tr>
<td>2-30</td>
<td>Tan Coarse Sand</td>
</tr>
<tr>
<td>2-31</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>2-39</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>3-05</td>
<td>Yellow Medium Sand</td>
</tr>
<tr>
<td>60-72</td>
<td>Yellow Medium Sand</td>
</tr>
</tbody>
</table>

Grouting Method  Pressure Grout with High Grade Pipe
Drilling Method  Rotary

ORIgINAL: DEP
COPIES: DRILLER
OWNER
HEALTH DEPARTMENT
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number: 31 59352
Atlas Sheet Coordinates: 31 42 212

OWNER
MARCHIONE, RICHARD

Address: 20 WALKER RD
City: FRANKLINVILLE
County: GLOUCESTER
Municipality: FRANKLIN TWP

WELL LOCATION ADDRESS: 20 WALKER RD
Owner's Well No.: 

LOT NO. 42
BLOCK NO. 1202

DOMESTIC REPLACEMENT

WELL USE

DATE WELL STARTED: 11/16/80
DATE WELL COMPLETED: 11/16/80

WELL CONSTRUCTION

Total Depth Drilled: 90 ft.
Finished Well Depth: 90 ft.
Borehole Diameter:
  Top: 8 in.
  Bottom: 8 in.
Well Casing Begins:
  17 ft. above grade or
  2 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>41.5</td>
<td>80</td>
<td>4</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used: 1)</td>
<td>90</td>
<td>90</td>
<td>4</td>
</tr>
<tr>
<td>Blank Casings (No. Used: )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>80</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>4</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>

Wgt./Rating (lbs/sch no.): 

Grouting Method: PUMP + TRIMMIE PIPE
Drilling Method: MUD + ROTARY

RECORD OF TEST

Test Date: 11/17/80
Static Water Level: 18 ft. below land surface
Water Level Measured Using: TAPE MEASURE
Pumping Water Level: 18 ft. below land surface
Well Was Pumped Using: AIR LIFT
Well Yield: 70 gpm
If Pump Tested: Discharge Rate: __________ gpm
Duration of Test: __________ hours

PERMANENT PUMPING EQUIPMENT

Installed by: BART TIERE, Reg. No. 30-4082
Pump Type: SUBMERSIBLE
Depth of Pump below land surface: 50 ft.
Capacity: 12 gpm
Horsepower: 7.7

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

- 0.0 - BROWN TOBACCO: TOPSOIL
- 1.25 - YELLOW MEDIUM SAND: CLAY
- 1.50 - ORANGE MEDIUM SAND: CLAY
- 3.0 - TAN MEDIUM SAND: CLAY
- 3.40 - YELLOW MEDIUM SAND: CLAY
- 4.0 - YELLOW MEDIUM TO MEDIUM SAND: CLAY
- 6.75 - TAN MEDIUM SAND: CLAY
- 7.5 - YELLOW COARSE SAND

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: AL'S WATER PUMP SERVICE INC.
Well Driller (Print): Ross Robertson
Driller's Signature: Ross Robertson
Registration No.: 30-2421 Date: 11/13/80

COPYES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
New Jersey Department of Environmental Protection  
Bureau of Water Systems and Well Permitting  

WELL RECORD

OWNER  CHARLES JOHNSTON  
Address  161 PINEY LANE  
City  Newfield  
State  New Jersey  
Zip Code  08344  

WELL LOCATION ADDRESS  220 PENNSYLVANIA AVE.  
County  Gloucester  
Municipality  Franklin Twp  
Lot No.  46  
Block No.  1201  

WELL USE  Domestic Replacement  

DATE WELL STARTED  8/4/06  
DATE WELL COMPLETED  8/24/06  

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Total Depth Drilled</th>
<th>115 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finished Well Depth</td>
<td>115 ft.</td>
</tr>
<tr>
<td>Borehole Diameter:</td>
<td></td>
</tr>
<tr>
<td>Top</td>
<td>8 in.</td>
</tr>
<tr>
<td>Bottom</td>
<td>8 in.</td>
</tr>
<tr>
<td>Well Casing Begins:</td>
<td>1 ft. above grade or</td>
</tr>
</tbody>
</table>

Note: Measure all depths from land surface  

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1</td>
<td>105</td>
<td>4</td>
<td>Pvc</td>
<td>40</td>
</tr>
</tbody>
</table>

Open Hole or Screen (No. Used)  
Blank Casings (No. Used)  
Tail Piece  
Gravel Pack  
Grout  

Grouting Method: TOLEMIITE  
Drilling Method: MVU ROTARY  

RECORD OF TEST

Test Date  
Static Water Level  
Water Level Measured Using  
Pumping Water Level  
Well Was Pumped Using  
Well Yield  
If Pump Tested Discharge Rate  
Duration of Test  
gpm  
hours  

GEOLOGIC LOG

- 0-86 ORANGE SAND + GRAVEL  
- 86-84 ORANGE CLAY  
- 84-57 ORANGE SAND + GRAVEL  
- 57-53 STIFF ORANGE CLAY  
- 53-59 ORANGE SAND + GRAVEL  
- 59-63 TAN CLAY  
- 63-78 ORANGE SAND  
- 78-83 ORANGE + TAN CLAY  
- 83-100 ORANGE SAND  
- 100-103 TAN CLAY  
- 103-115 TAN SAND

AS-BUILT WELL LOCATION  
(NAD 83 HORIZONTAL DATUM)

NJ STATE PLANE COORDINATE IN US SURVEY FEET  
NORTHING:  
EASTING:  

OR  

LATITUDE: 0° 0' 0"  
LONGITUDE: 0° 0' 0"

ORIGINAL: DEP  
COPIES: DRILLER  
OWNER  HEALTH DEPARTMENT  

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: EASTERN DRILLING CO  
Well Driller (Print): JAMES J. KNAMER  
Driller's Signature: JAMES J. KNAMER  
Registration No.  1260  
Date  11/25/06  

DID NOT TEST
## PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

**Owner:** Monte Ayres  
**Driller:** Vance Skinner Co., Inc.

**Address:**  
R.D. #2, Box 7, So. Delsea Dr.  
Franklinville, N.J. 08322

**Address:**  
P.O. Box #2  
Vineland, N.J. 08360

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inches</td>
<td>100 feet</td>
<td>13 G.P.M.</td>
</tr>
</tbody>
</table>

**LOCATION OF WELL**

- **Lot #:** 149-LA
- **Block #:** 165-A
- **Municipality:** Franklin Twp., Gloucester
- **County:** Gloucester

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Permit issued in accordance with provisions of letter of transmittal dated ______________________
- It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Samples of cuttings required every ______ feet.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

**Date:** 4-15-83  
**Signature of Owner:** Monte Ayres

WATER ALLOCATION COPY
STATE OF NEW JERSEY
DEPARTMENT OF CONSERVATION
Division of Water Policy and Supply
28 West State Street
Trenton 8, New Jersey

APPLICATION FOR PERMIT TO DRILL WELL
An application must be submitted and permit received before drilling a well
100 feet or more in depth.

Franklin Township
Owner Board of Education, Driller A. C. Schultes & Sons
Address..................................................................................................................
Address 501 Mantua Ave., Woodbury N.J.

In compliance with the provisions of Chapter 377, P.L. 1947, application is hereby made for permit to

Drill a [type] well in Franklinville, Franklin Township, Gloucester County

Quantity of Water Needed (G.P.M.) 50 **Use of Well drinking water for school

Proposed Diameter of Well 6" Proposed Depth of Well 100'

Method of Drilling to be Used standard cable

As a part of this application, and in consideration of the granting of a permit, applicant assumes full responsibility for plugging or

sealing said well in a manner satisfactory to the Division, in the event it should become a menace to public health or safety.

Date..................................................................................................................

Owner's Signature

* Quantities in excess of 100,000 gallons per day may require special application for right to divert water.

** Well used for public and potable purposes will require application and permit for right to divert water.

Location of Well (See other side)

PERMIT TO DRILL WELL
(Not to be filled in by Applicant)

The applicant is hereby granted a permit to drill this well subject to

the conditions stipulated on the application and as set forth below.

Samples of Cuttings Required by Department { Yes } Special Conditions

{ No }

Permit Required to Divert Water { Yes }

{ No }

Owner has Permit to Divert Water { Yes }

{ No }

Date................................................................. Chief Engineer
Location of Well

1. Location Overlay for State Topographic Map, Scale 1" = 1 Mile.
2. Sketch of premises in immediate vicinity showing relation of well to buildings, and distance and relations to nearest public road.

1 Mile Below Franklinton
Pulaski Drive
APPLICATION FOR PERMIT TO DRILL WELL

Permit must be obtained prior to the drilling of each well regardless of depth, except a drive-point or hand-dug well. Each application must be accompanied by the legal fee of Three Dollars ($3.00).

Owner: John DeGroso
Driller: Rudolph Skupola
Address: 402 W. Oxford St.
Veineland, N.J.

In compliance with Chapter 377, P. L. 1947, as amended, application is made for a permit to drill a well in
Malaga, Gloucester (municipality)
Use of Well: Domestic (domestic, industrial, public supply, test, etc.)
Quantity of Water Needed: 10 G.P.M.
Proposed Depth of Well: 50 Ft.
Method of Drilling to be Used: Jet

Show Location on back of this Sheet Only.

In accepting a permit for this well, the Owner agrees to abide by the following General and Special Conditions:

GENERAL CONDITIONS

1. The issuance of a permit to drill this well will not convey any Rights, either expressed or implied, to Divert Water.

2. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in a manner satisfactory to the Division, in accordance with the provisions of Chapter 193, Laws of 1951.

3. A permit to drill this well will be valid for one year from date of approval.

Date: 2-10-53

John DeGroso
Owner's Signature

SPECIAL CONDITIONS

Samples of Cuttings Required  Yes

WELL PERMIT
APPROVED

FEB 13 1953

N. T. Cuthon
DIRECTOR
DIV. OF WATER POLICY & SUPPLY

WELPMT 034 0115
LOCATION OF WELL

State Atlas Map No. 31

Draw sketch showing distances and relations of well site to nearest public roads, streets, etc.
APPLICATION FOR PERMIT TO DRILL WELL

Permit must be obtained prior to the drilling of each well regardless of depth, except a drive-point or hand-dug well. Each application must be accompanied by the legal fee of Three Dollars ($3.00).

(print or type)

Owner .................................................. ELTON B. HOLDCRAFT
Driller ............................................... Rudy Shuppala
Address .................................................. STATION RD.
Address .................................................. NEW BLUFF
Iona, FRANKLIN Twp., NJ

In compliance with Chapter 377, P. L. 1947, as amended, application is made for a permit to drill a well in

Iona .................................................. County

Use of Well ............................................ Domestic

Quantity of Water Needed ................................ 60 G.P.M.
Diameter of Well ..................................... 2 In.
Proposed Depth of Well ................................ 50 Ft.
Method of Drilling to be Used ....................... (drill, spoon, rotary, jet, etc.)

In accepting a permit for this well, the Owner agrees to abide by the following General and Special Conditions:

GENERAL CONDITIONS

1. The issuance of a permit to drill this well will not convey any Rights, either expressed or implied, to Divert Water.

2. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in a manner satisfactory to the Division, in accordance with the provisions of Chapter 198, Laws of 1961.

3. A permit to drill this well will be valid for one year from date of approval.

Date .................................................. April 20, 1953

Owner's Signature .................................. ELTON B. HOLDCRAFT

(Special Conditions)

Samples of Cuttings Required by State Geologist

Yes

No

WELL PERMIT
APPROVED
APR 20 1953

WELPMT 034 0294
LOCATION OF WELL

Draw sketch showing distances and relations of well site to nearest public roads, streets, etc.

State Atlas Map No. 31

N

39° 38' 25° 06'

39° 36'

West

Delphi Ave. 315' North

Steele Road

High Ave.

South

WELPMENT 034 0295
APPLICATION FOR PERMIT TO DRILL WELL

Permit must be obtained prior to the drilling of each well regardless of depth, except a drive-point or hand-dug well. Each application must be accompanied by the legal fee of Three Dollars ($3.00).

Owner: Isaac Leonard  
Driller: Rudy Skupala  
Address: Defia Drive  
Lona, N.J.

In compliance with Chapter 377, P.L. 1947, as amended, application is made for a permit to drill a well in Franklin Twp, Hunterdon Co., Domestic.  
Quantity of Water Needed: 10 G.P.M.  
Diameter of Well: 2 in.  
Proposed Depth of Well: 60 ft.  
Method of Drilling to be Used: Jet.

Show Location on Back of this Sheet Only.  

In accepting a permit for this well, the owner agrees to abide by the following General and Special Conditions:

GENERAL CONDITIONS

1. The issuance of a permit to drill this well will not convey any Rights, either expressed or implied, to Divert Water.
2. In the event this well is abandoned, the owner will assume full responsibility for plugging or sealing it in a manner satisfactory to the Division, in accordance with the provisions of Chapter 193, Laws of 1951.
3. A permit to drill this well will be valid for one year from date of approval.

Date: Oct 11, 1954  
Owner's Signature: Isaac Leonard

SPECIAL CONDITIONS

Samples of Cuttings Required by State Geologist: Yes

WELL PERMIT APPROVED  
Oct 13 1954  
N.T. Ritchien  
DIR. OF WAT. POLICY & SUPPLY
LOCATION OF WELL

State Atlas Map No. 31

Draw sketch showing distances and relations of well site to nearest public roads, streets.

RECEIVED

OCT 13 1954

Department of Conservation & Economic Development

Geologic & Top. Survey

Well Site

Leonard C. B. Road.

WELPMT 034 1697
APPLICATION FOR PERMIT TO DRILL WELL

Permit must be obtained prior to the drilling of each well regardless of depth, except a drive-point or hand-dug well. Each application must be accompanied by the legal fee of three dollars ($3.00).

Owner  IONA TRAILER PARK & SALE  Address  DELSEA DRIVE
Driller  GUS HAUSER  Address  NEWFIELD N.J.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well in

FRANKLINVILLE (municipality)  GLOUCESTER (county)  Use of well  TRAILER PARK (domestic, industrial, public supply, test, etc.)

Diameter of Well  4 inches  Proposed Depth of Well  50 Feet
Proposed Capacity of Pump  50 G.P.M.  Method of Drilling  CABLE-TIE
Show Location on Back of this Sheet.
Date  6-15-57  Signature of Owner  

In accepting a permit for this well, the Owner agrees to abide by the following General and Special Conditions:

GENERAL CONDITIONS

1. The issuance of a permit to drill this well conveys no rights, either expressed or implied, to divert water.
2. If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Division.
3. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in the manner satisfactory to the Division, in accordance with provisions of R.S. 58:4A-4.1.
4. A permit to drill this well will be valid for one year from date of approval.

SPECIAL CONDITIONS

☐ Samples of cuttings required every
☐ No samples of cuttings required
LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, etc.

State Atlas Map No. 31

North

Reconstructed on

500 ft.

East

RECEIVED

MAY 17 1957

Department of Conservation
Economic Development
Mapping & Top. Survey

WELPMT 034 4640
APPLICATION FOR PERMIT TO DRILL WELL

Application must be accompanied by a legal fee of five dollars ($5.00).

(Print or Type)

Owner  Gray's Ferry Brick Co  Driller  Vance Skinner Co Inc
Address  Franklinville, N.J.  Address  P.O. Box 2

Vineland, N.J. 08360

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well in

10 96  Franklin Twp  Gloucester  Use of well  Industrial
lot #  block #  (municipality)  (county)  (semi-public, domestic, industrial, public supply, test, etc.)
Diameter of Well  8  inches  Proposed Depth of Well  70  Feet
Proposed Capacity of Pump  65  G.P.M.  Method of Drilling  Rotary
(cable-tool, rotary, jet, etc.)
Show Location on Back of this Sheet.
Date  May 8, 1973  Signature of Owner  Joseph R. Case  (Manager)

1. The issuance of a permit to drill this well conveys no rights, either expressed or implied, to divert water.
2. If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Division.
3. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in the manner satisfactory to the Division, in accordance with provisions of R. S. 58:4A-4.1.
4. A permit to drill this well will be valid for one year from date of approval.
5. If this well is to be used for domestic or semi-public supply it must be constructed in accordance with provisions of "Standards for the Construction of Water Supply Systems for Realty Improvements (Revised 1966)" and be approved by the local Board of Health.

☐ Samples of cuttings required every
☐ No samples of cuttings required
LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, etc.

State Atlas Map No. 31

---

North

Grays Ferry Brick Co.

Jersey Plant.

West

---

East

+ 30' from flood.

---

Received
APPLICATION FOR PERMIT TO DRILL WELL

Application shall be accompanied by a legal fee of five dollars ($5.00).

Owner: MARTIN BOSCO
Address: BOX 68, DUTCH MILL RD, MALAGA, N.J.

Driller: D'AGOSTINO WELL DRILLING
Address: R D #6, BRIDGETON, N.J.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well in

lot # 151, TAPLOUS
block # (municipality) FRANKLIN
(county) TAPLOUS

Use of well: IRRIGATION
(semi-public, domestic, industrial, public supply, test, etc.)

Diameter of Well: 4 inches
Proposed Depth of Well: 70 Feet

Proposed Capacity of Pump: 200 G.P.M.
Method of Drilling: ROTARY
(cable-tool, rotary, jet, etc.)

Date: 8-1-73
Signature of Owner: MARTIN BOSCO

1. The issuance of a permit to drill this well conveys no rights, either expressed or implied, to divert water.
2. If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Division.
3. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in the manner satisfactory to the Division, in accordance with provisions of R. S. 58:4A-4.1.
4. A permit to drill this well will be valid for one year from date of approval.
5. If this well is to be used for domestic or semi-public supply it must be constructed in accordance with provisions of “Standards for the Construction of Water Supply Systems for Realty Improvements (Revised 1966)” and be approved by the local Board of Health.


☐ Samples of cuttings required every ____________________________

☐ No samples of cuttings required
LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, etc.

State Atlas Map No. 31

83-42-133 [ ]

North

South

West

Lake Iona

Porchtown

Lenard Lake Rd.

Geology and Topography

AUG. 28 1973

RECEIVED

BUS. 17 11-27-73

47

RTE

LENARD CAKE RD.
Mail to
STATE GEOLOGIST
P.O. BOX 2809
TRENTON, N.J. 08625

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF THE COMMISSIONER
TRENTON, N.J.

PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  Hoffman Building Inc.  Driller  Emile Gaburo
Address  P.O. Box 101  Address  900 N. Mill Rd.
          Franklinville, N.J. 08322  Vineland, N.J.

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25 inches</td>
<td>50' (mid) feet</td>
<td>6 G.P.M.</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

Lot # 86  block # 97A  municipality Franklin Twp.  county Gloucester
State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated .

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date ........................................ Signature of Owner ........................................

BUREAU OF GEOLOGY COPY
WELPMT 038 1483
State of New Jersey
Department of Environmental Protection
Office of the Commissioner
Trenton, N.J.

Mail to
STATE GEOLOGIST
P.O. BOX 2809
TRENTON, N.J. 08625

Permit No. 31-123-8
21-47-132

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Anthony Sylvester
Driller: Vance Skinner Company, Inc.

Address: Leonard Caker Rd.
Address: PO. Box 2
Franklinville, N.J.
Vineland, N.J.

Diameter of well: 4 inches
Proposed depth of well: 60 feet
Proposed capacity of pump: 200 G.P.M.

Method of drilling: Rotary
Use of well: Irrigation
(cable-tool, rotary, jet, etc.)
(semi-public, domestic, industrial, public-supply, test, etc.)

Location of well:

Id. # 749
Municipality: Franklin Twp. Gloucester County

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

North

Leonard Caker Rd.

West

South

See reverse side for important provisions and regulations pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☒ Permit issued in accordance with provisions of letter of transmittal dated 11/28/77.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ______ feet.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 11/14/77
Signature of Owner: Anthony Sylvester

WELPMT 038 1674

Bureau of Geology, Copy
PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: DENNIS STEWART  Driller: VIO RUGGIANO
Address: LEONARD CAFE RD  Address: BOX 390 TUCKAHOE RD
FRANKLINVILLE, N.J.    W. M. T. R. N. J. 08084

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2' inches</td>
<td>60' feet</td>
<td>15 G.P.M.</td>
</tr>
</tbody>
</table>

**LOCATION OF WELL**

<table>
<thead>
<tr>
<th>lot #</th>
<th>block</th>
<th>municipality</th>
<th>county</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/5</td>
<td>149</td>
<td>FRANKLIN</td>
<td>GLOUCESTER</td>
</tr>
</tbody>
</table>

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Permit issued in accordance with provisions of letter of transmittal dated ______________________.
- It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Samples of cuttings required every ______ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 12/12/77  Signature of Owner: D. STEWART

BUREAU OF GEOLOGY COPY  WELPMT 038 1816
PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: P & C Enterprises
Driller: D'Agostino Well Drilling, Inc.
Address: R. D. #3, Box 322A
R. D. #6, Landis Avenue
Newfield, N. J. 08344
Bridgeton, N. J. 08302

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inches</td>
<td>60 feet</td>
<td>20 G.P.M.</td>
</tr>
</tbody>
</table>

method of drilling: Rotary
use of well: Domestic (cable-tool, rotary, jet, etc.)

LOCATION OF WELL

lot # | block # | municipality | county |
1, 2, 3 & 4 | 131 | Franklin Twp | Gloucester |

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

State Atlas Map No. 31

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated ________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: April 25, 1978
Signature of Owner: [Signature]

BUREAU OF GEOLOGY COPY

WELPMT 038 2892
Owner: JOHANNES GIERSANG
Driller: SMILE GABYRA

Address: 1230 KIRKWOOD DRIVE
VICKERS, N.J. 08360

Address: 788 W MILL RD
WATERFORD, N.J. 08360

Diameter of well: 6 inches
Proposed depth of well: 60 ft
Proposed capacity of pump: 8 G.P.M.

Method of drilling: (cable-tool, rotary, jet, etc.)
Use of well: (semi-public, domestic, industrial, public-supply, test, etc.)

LOCATION OF WELL:

Lot # 10
Block # 137
Municipality: Blackwell Twp
County: Gloucester

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

State Atlas Map No.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated .

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every _______ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: May 4, 1978
Signature of Owner: JOHANNES GIERSANG

WELL PERMIT
APPROVED
MAY 15 1978
DEPT. ENV. PROTECTION
OFF. OF THE COMM.
KENNETH WIDMER
STATE GEOLOGIST

BUREAU OF GEOLOGY COPY
PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Caw Home Builders  (Hunter)  Driller: M.S. Dechamps
Address: 113 Stonetown Ave, Franklin, N.J.  Michaels Lane, Pitmart, N.J.

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>inches</td>
<td>feet</td>
<td>15 G.P.M.</td>
</tr>
<tr>
<td>method of drilling</td>
<td>use of well</td>
<td></td>
</tr>
<tr>
<td>(cable-tool, rotary, jet, etc.)</td>
<td>(semi-public, domestic, industrial, public-supply, test, etc.)</td>
<td></td>
</tr>
</tbody>
</table>

LOCATION OF WELL

Lot #  Part on 5  block #  147  municipality: Franklin  county: Gloucester

State Atlas Map No. 31

North

39° 36'

31-42-132

Leonard Cab Rd

West

50'm

100'm

East

South

34° 39'

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated________________________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every_________feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date _______________________________  Signature of Owner _______________________________

BUREAU OF GEOLOGY COPY

WELPMT 038 3020
Owner: Hoffman Enterprises Inc.
Driller: Emile Gabino
Address: P.O. Box 101
Franklinville, N.J. 08322

Address: 988 N. Mill Rd.
Vineyard, N.J.

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>Proposed Depth of Well</th>
<th>Proposed Capacity of Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 inches</td>
<td>50 feet</td>
<td>6 G.P.M.</td>
</tr>
</tbody>
</table>

**Method of Drilling:** Point Driven

**Use of Well:** Domestic

**Location of Well**
- Lot #: 33B
- Block #: 65
- Municipality: Franklin
- County: Gloucester

State Atlas Map No. 31

- North
- South
- West
- East

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Permit issued in accordance with provisions of letter of transmittal dated ____________.
- It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Samples of cuttings required every _________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 5/23/78

Signature of Owner: [Signature]

This space for Approval Stamp

WELL PERMIT
APPROVED

MAY 24 1978
DEPT. ENV. PROTECTION
OFF. OF THE COMM.
KEMBLE WIDENER
STATE GEOLOGIST

BUREAU OF GEOLOGY COPY

WELPMT 038 3074
APPLICATION FOR PERMIT TO DRILL WELL

Application must be accompanied by a legal fee of five dollars ($5.00).

(Print or Type)

Owner      Mrs Marie Jayne            Driller      Vance Skinner Company Inc
Address    Leonard Cake Rd      Address     P.O. Box 2
           Franklinville, N.J.    Vineland, N.J. 08360

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well in
1-1/2-A      15+ Franklin Twp. Gloucester
Use of well Domestic
lot #      block # (municipality) (county)

Diameter of Well    4 inches
Proposed Capacity of Pump  20 G.P.M.
Method of Drilling Rotary
(proposed public, domestic, industrial, public supply, test, etc.)

Show Location on Back of this Sheet.

Date        3-8-76                      Signature of Owner  Mrs Marie Jayne

1. The issuance of a permit to drill this well conveys no rights, either expressed or implied, to divert water.
2. If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be
   made without prior approval of the Division.
3. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in the
   manner satisfactory to the Division, in accordance with provisions of R.S. 58:4A-4.1.
4. A permit to drill this well will be valid for one year from date of approval.
5. If this well is to be used for domestic or semi-public supply it must be constructed in accordance with pro-
   visions of "Standards for the Construction of Water Supply Systems for Realty Improvements (Revised 1966)"
   and be approved by the local Board of Health.

This space for Approval Stamp

WELL PERMIT
APPROVED
MAR 17 1976
DEPT. ENV. PROTECTION
FOR THE DIV. WAT. RES.
KEMBLE WIDMER
STATE GEOLOGIST

☐ Samples of cuttings required
   every

☐ No samples of cuttings required
LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, etc.

State Atlas Map No. 31

39° 36', 75° 01', 39° 34', 75° 01'

North

Well office 40' from house

East

West

South
APPLICATION FOR PERMIT TO DRILL WELL

Application must be accompanied by a legal fee of five dollars ($5.00).

Owner: Leonard James Falisi  Driller: M. J. Dechamps  #1065
Address: Leonard Cake Road  Address: Michael's Lane
Franklin Township, N. J.  Pitman, N. J. 08071

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well in

8 97A Franklin Gloucester Use of well Domestic
lot #    block #  (municipality)  (county)  (semi-public, domestic, industrial, public supply, test, etc.)

Diameter of Well: 1 1/4" inches Proposed Depth of Well: 50 Feet

Proposed Capacity of Pump: 7 G.P.M. Method of Drilling: Bored
(cable-tool, rotary, jet, etc.)

Show Location on Back of this Sheet.

Date: 3-2-77  Signature of Owner: James Falisi

1. The issuance of a permit to drill this well conveys no rights, either expressed or implied, to divert water.
2. If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Division.
3. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in the manner satisfactory to the Division, in accordance with provisions of R. S. 58:4A-4.1.
4. A permit to drill this well will be valid for one year from date of approval.
5. If this well is to be used for domestic or semi-public supply it must be constructed in accordance with provisions of “Standards for the Construction of Water Supply Systems for Realty Improvements (Revised 1966)” and be approved by the local Board of Health.

☐ Samples of cuttings required every
☐ No samples of cuttings required

This space for Approval Stamp

WELL PERMIT
APPROVED
MAR 7 1977
DEPT. ENV. PROTECTION
FOR THE DIV. OF WAT. RES.
KEN WOOG
STATE GEOLOGIST
LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, etc.

31-42-132

North

West

East

South
PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: JOSEPH P. WEISS  Driller: M. L. DECHAMPS  #1065
Address: 403 BILLINGSFORD RD  Address: MICHAELS LANE
Town: FREEHOLD, N.J. 08036  Town: FREEHOLD, N.J. 08036

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>inches</td>
<td>50</td>
<td>12</td>
</tr>
<tr>
<td>method of drilling</td>
<td>BORED</td>
<td>use of well</td>
</tr>
<tr>
<td>(cable-tool, rotary, jet, etc.)</td>
<td></td>
<td>(semi-public, domestic, industrial, public-supply, test, etc.)</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

lot #  block #  municipality  county
P00  09  FREEHOLD  GLO

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated .

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every _______feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date ________________________________
Signature of Owner: ____________________

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF THE COMMISSIONER
TRENTON, N.J.

PERMIT NO. 0515477
Permit No. 31-32-793

BUREAU OF GEOLOGY
COPY CLEAR
WELPMT 039 1231
APPLICATION FOR PERMIT TO DRILL WELL

Application must be accompanied by a legal fee of five dollars ($5.00).

(Print or Type)

Owner: Mike L. James  Driller: Robbins Bros.
Address: Triumph Rd.  Address: 36 Lakeview Dr.
Franklinville, N. J.  Gibbsboro, N. J.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well in

lot # 12-14  block # 129  (municipality) Franklin  (county) Gloucester
Use of well: Domestic

Diameter of Well: 4" inches  Proposed Depth of Well: 50 Feet
Proposed Capacity of Pump: 10 G.P.M.  Method of Drilling: C-T

(show location on back of this sheet)

Date: 4/14/77  Signature of Owner: Mike James

1. The issuance of a permit to drill this well conveys no rights, either expressed or implied, to divert water.
2. If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Division.
3. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in the manner satisfactory to the Division, in accordance with provisions of R. S. 58:4A-4.1.
4. A permit to drill this well will be valid for one year from date of approval.
5. If this well is to be used for domestic or semi-public supply it must be constructed in accordance with provisions of “Standards for the Construction of Water Supply Systems for Realty Improvements (Revised 1966)” and be approved by the local Board of Health.

☐ Samples of cuttings required every

☐ No samples of cuttings required
LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, etc.

State Atlas Map No.

N

75° 06'

West

39° 36'

North

75° 04'

East

39° 34'

South
APPLICATION FOR PERMIT TO DRILL WELL

Application must be accompanied by a legal fee of five dollars ($5.00).

(Print or Type)

Owner A. J. Saia
Address R. D. 1 Box 416
Glassboro, N. J. 08028

Driller M. J. Dechamps #1065
Address Michael's Lane
Pitman, N. J. 08071

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well in

<table>
<thead>
<tr>
<th>#</th>
<th>66</th>
<th>Franklin Twp.</th>
<th>Gloucester</th>
<th>Use of well</th>
<th>Tap-room</th>
</tr>
</thead>
<tbody>
<tr>
<td>lot #</td>
<td>block #</td>
<td>(municipality)</td>
<td>(county)</td>
<td>(semi-public, domestic, industrial, public supply, test, etc.)</td>
<td></td>
</tr>
</tbody>
</table>

Diameter of Well 2 inches
Proposed Capacity of Pump 20 G.P.M.
Proposed Depth of Well 35 Feet
Method of Drilling Bored
(cable-tool, rotary, jet, etc.)

Show Location on Back of this Sheet.
Date 4-13-77
Signature of Owner A. J. Saia

1. The issuance of a permit to drill this well conveys no rights, either expressed or implied, to divert water.
2. If the pump capacity applied for is less than 70 gpm, no subsequent increase to 70 gpm or more shall be made without prior approval of the Division.
3. In the event this well is abandoned, the Owner will assume full responsibility for plugging or sealing it in the manner satisfactory to the Division, in accordance with provisions of R. S. 58:4A-4.1.
4. A permit to drill this well will be valid for one year from date of approval.
5. If this well is to be used for domestic or semi-public supply it must be constructed in accordance with provisions of “Standards for the Construction of Water Supply Systems for Realty Improvements (Revised 1966)” and be approved by the local Board of Health.

☐ Samples of cuttings required
   every

☐ No samples of cuttings required
LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, etc.

State Atlas Map No. 31

North

South

West

(39°36')

EASTOVER - WILLIAMSTOWN RD

(39°38')

RECEIVED

K. W. 3/4/45 M'71

GEOLOGY AND TOPOGRAPHY

WELPMT 037 5125
Owner: Dominic DiPietro  
Address: RD-3 Box 69.7 
Address: Michaels Line 
FRANKLINVILLE N. J.  
FRITZ, N.B. 8897

Permit No: 31-16101

PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.  31-32-796 R

Diameter of well: 6 inches
Proposed depth of well: 60 feet
Proposed capacity of pump: 10 G.P.M.

Location of Well:
Lot #: 10A  
Block #: 137  
Municipality: Franklinville  
County: N. J.

State Atlas Map No: 31

Draw sketch showing distance and relation of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated _________________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every __________ feet.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: ____________________________  
Signature of Owner: ____________________________

BUREAU OF GEOLOGY COPY  
CWELPMT 039 1946
Permit to Drill Well

Owner: James Sickles
Driller: Jack Quinlan

Address: 857 N Broad St, Clayton
Address: East Landis Avenue, Vineland, N.J.

Diameter of Well: 2'' inches
Proposed Depth of Well: 85 feet
Proposed Capacity of Pump: G.P.M.

Method of Drilling: Auger
Use of Well: Domestic

Location of Well:

Lot #: 110
Block #: 64H
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31.32.793

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions:

☐ Permit issued in accordance with provisions of letter of transmittal dated ____________.

☐ It is necessary that geophysical logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: ____________________________ Signature of Owner: ____________________________

Bureau of Geology Copy

Well Permit

Approved

Oct 30, 1979

Dept. Env. Protection
Off. of the Comm.
Kemble Widmer
State Geologist

Welpmt 039 2335
Owner: Susan HaHa
Driller: M. J. Dechamps
Address: 45 W Clinton St, Clayden, N.J.

Diameter of Well:
- 2 inches

Proposed Depth of Well:
- 60 feet

Proposed Capacity of Pump:
- 10 G.P.M.

Method of Drilling:
- Box drill

Use of Well:
- Domestic

Location of Well:
- Lot #: 1234
- Block #: 127
- Municipality: Franklin
- County: GLO
- State Atlas Map No.: 3.1

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions:

☐ Permit issued in accordance with provisions of letter of transmittal dated ____________

☐ It is necessary that geophysical logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by phone (609-292-2232) when drilling is completed. Permanent pumping equipment shall not be installed until such logs are made.

☐ Samples of cuttings required every ________ feet.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 10/30/79

Signature of Owner: ____________________________

BUREAU OF GEOLOGY COPY

WELPMT 039 2344
PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Hoffman Enterprises Inc.
Address: P.O. Box 101, Franklinville, N.J.

Driller: Emile Guburo
Address: 302 N. Mill Rd., Vineland, N.J.

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>Proposed Depth of Well</th>
<th>Proposed Capacity of Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 inches</td>
<td>50 feet</td>
<td>10 G.P.M.</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

Lot # block # municipality county
30 65 Franklin Gloucester

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated ___________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-209-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ______ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date ________________________________ Signature of Owner _______________________

This space for Approved Stamp

WELL PERMIT
APPROVED
MAY 6, 1980
DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION

BUREAU OF GEOLOGY COPY
WELPMT 039 2844
PERMIT TO DRILL WELL VALID ONLY AFTER APPROVAL BY THE D.E.P. 31-32-798

Owner: SUSAN HAHN  Driller: Vic Ruggiano
Address: 45 W. CLINTON ST  Address: 390 Tuckahoe RD
Clayton NJ 08312  Williamstown NJ 08094

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>inches</td>
<td>feet</td>
<td>9 G.P.M.</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

- Method of drilling: AUGER (cable-tool, rotary, jet, etc.)
- Use of well: DOMESTIC (semi-public, domestic, industrial, public-supply, test, etc.)

State Atlas Map No. 31

Draw sketch showing distance and relation of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Permit issued in accordance with provisions of letter of transmittal dated ____________
- It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Samples of cuttings required every ____________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 6/4/80  Signature of Owner: SUSAN HAHN

BUREAU OF GEOLOGY COPY
PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  NICK ANDREASCHIO  Driller  JAMES C. MESSINA
Address  424 E. CENTRAL ST  Address  RD #5 Box 60
CLAYTON, N.J.  WILLIAMSTOWN, N.J.

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 inches</td>
<td>60 feet</td>
<td>10 G.P.M.</td>
</tr>
</tbody>
</table>

**LOCATION OF WELL**

<table>
<thead>
<tr>
<th>lot #</th>
<th>block #</th>
<th>municipality</th>
<th>county</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-A</td>
<td>97C</td>
<td>FRANKLIN</td>
<td>GLOUCESTER</td>
</tr>
</tbody>
</table>

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Permit issued in accordance with provisions of letter of transmittal dated ________________.
- It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Samples of cuttings required every __________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  6-06-90  Signature of Owner

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  6-26-90  Signature of Owner

BUREAU OF GEOLOGY COPY
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner RICHARD R. TOZOUR
Address 247 W. MERCER AVE
SEWELL, N.J. 08080
Name of Facility CORNERSTONE CHURCH
Address C/O ABOVE

Driller GEORGE MAYERS
Address RT 3 BOX 93
SEWELL N.J. 08080

Diameter of Well 4 inches
Proposed Depth of Well 100' M/L
Proposed Capacity of Pump 12 G.P.M.
Method of Drilling (cable-tool, rotary, etc.)
Use of Well (See Reverse) SEMI-PUBLIC (CHURCH)

LOCATION OF WELL
Lot 10-1-8 Block 98 Municipality FRANKLIN County GLOUCESTER
State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc. 100'

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
☐ Samples of cuttings required every ___ feet.
☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date 9/1/84
Signature of Owner

WATER ALLOCATION COPY

WELPMT 041 0766
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N. J.
EMERGENCY REPLACEMENT WELL

PERMIT TO DRILL WELL

Owner: Mr. Barrett
Driller: Al Pierson, N.J., Deschamps, Inc.
Address: Box 400, Blackwoodtown Rd., Franklinville, NJ 08322
Address: Michaels Lane, Pitman, NJ 08071

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>Proposed Depth of Well</th>
<th>Proposed Capacity of Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; PVC inches</td>
<td>90' feet</td>
<td>15 G.P.M</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location of Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lot #</td>
</tr>
<tr>
<td>6C</td>
</tr>
</tbody>
</table>

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

State Atlas Map No.: 21

Additional Conditions:

☐ Permit issued in accordance with provisions of letter of transmittal dated ________

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ________ feet.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: November 7, 1984
Signature of Owner: Mr. Barrett
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  Progressive Fuel Co., Inc.
Address  Box 278 S. Delsea Dr.
         Franklinville, NJ 08322
Driller  D'Agostino Well Drilling, Inc.
Address  RR #8, Box 122, Landis Ave.
         Bridgeton, NJ 08302

Name of Facility
Address

Diameter of Well  4  Inches
Proposed Depth of Well  100  Feet
Proposed Capacity of Pump  25  GPM
Method of Drilling  Cable-tool, rotary, etc./Rotary
Use of Well (See Reverse)  Domestic - Replacement

LOCATION OF WELL

Lot #  2
Block #  93
Municipality  Franklin
County  Gloucester

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

State Atlas Map No.  31

39° 38' North

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated ___________.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every ___________ feet.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

☐

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  February 12, 1985
Signature of Owner

COPIES:  Water Allocation - White
          Health Dept. - Yellow
          Owner - Blue

WELPMT 041 1242
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner

Address

Name of Facility

Address

Driller

Address

Diameter of Well

Proposed Depth of Well

Proposed Capacity of Pump

Method of Drilling (cable-tool, rotary, etc.)

Use of Well (See Reverse)

Lot #

Block #

Municipality

County

LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated

☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every feet.

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et. seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date

Signature of Owner

WATER ALLOCATION COPY

This Space for Approval Stamp

WELL PERMIT
APPROVED

MAR 26 1985
DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION

WELPMT 041 1393
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  J.K. PERRY JOSEPH
Address  1705 WILLIAMSTOWN RD
FRANKLINVILLE, N.J. 08043

Name of Facility  SAME
Address  SAME

Driller  JAMES C. MESIAJO
Address  RD #5 Box 61A
WILLIAMSTOWN, N.J. 08044

Diameter of Well  8" inches
Proposed Depth of Well  60 Feet

Proposed Capacity of Pump  10 GPM (cable-tool,rotary,etc.) ROTARY

Use of Well (See Reverse)  DOMESTIC - REPLACEMENT

LOCATION OF WELL
Lot #  20  Block #  96  Municipality  FRANKLIN  County  GLOUCESTER

State Atlas Map No.  31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every feet.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

☐

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  4/1/85  Signature of Owner  J.K. PERRY

COPIES:  Water Allocation – White  Health Dept. – Yellow  Owner – Blue

IWELPMT 041 1440
Mail to
STATE GEOLOGIST
P.O. BOX 1390
TRENTON, N.J. 08625

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF THE COMMISSIONER
TRENTON, N.J.

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner
Hoffman Enterprises Inc.

Driller
Emile Galvez

Address
P.O. Box 101
Franklinville, N.J. 08322

Address
988 N. Mill Rd.
Vineland, N.J.

-----

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 inches</td>
<td>50 (min.) feet</td>
<td>10 G.P.M.</td>
</tr>
</tbody>
</table>

method of drilling: Augees
use of well: Domestic
(cable-tool, rotary, jet, etc.) (semi-public, domestic, industrial, public-supply, test, etc.)

LOCATION OF WELL

lot # 30
block # 60
municipality: Franklin Township
county: Gloucester

Draft sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated ____________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ____________ feet.

☐ __________________________________________________________________________________________________________

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date 4-30-81

Signature of Owner ____________________________

BUREAU OF GEOLOGY COPY

WELPMT 040 0490
Owner: Dennis Stewart  Driller: F. C. Capel & Son
Address: R. D. #1 Box 1496D  Address: 751 Mantua Blvd.
Franklinvillage, New Jersey 08322  Sewell, New Jersey 08080

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>Proposed Depth of Well</th>
<th>Proposed Capacity of Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inches</td>
<td>100 feet</td>
<td>10 G.P.M.</td>
</tr>
</tbody>
</table>

Method of Drilling: Rotary
Use of Well: Domestic
(cable-tool, rotary, jet, etc.)
(semi-public, domestic, industrial, public-supply, test, etc.)

LOCATION OF WELL

Lot #  Block #  Municipality  County
P/O 5  149  Franklin Twp.  Gloucester

State Atlas Map No.: 31-42-133

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated ________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: May 5, 1981

Signature of Owner: ____________________________

WATER ALLOCATION COPY

This space for Approval Stamp

WELL PERMIT
APPROVED
MAY 12 1981
DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION
STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
TRENTON, N.J.

PERMIT TO DRILL WELL  

VALID ONLY AFTER APPROVAL BY THE D.E.P.  

Owner: JOHN W. DILLON, JR.  
Address: RD # 3 BOX 699  
FRANKLINVILLE, N.J. 08022  

Driller: JAMES C. MUSANO  
Address: RD # 6 BOX 461  
WILLIAMSTOWN, N.J. 08094  

Diameter of Well: 4 Inches  
Proposed Depth of Well: 80 Feet  

Proposed Method of Drilling: Rotary  
Capacity of Pump: 10 GPM  
Use of Well (See Reverse): Domestic  

LOCATION OF WELL  

Lot #: 10A  
Block #: 137  
Municipality: FRANKLINVILLE  
County: GLOUCESTER  

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.  

State Atlas Map No.: 31  

39°36'  
31-30-799  

Western Hemisphere  

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:  

☐ Permit issued in accordance with provisions of letter of transmittal dated  
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.  
☐ Samples of cuttings required every __________ feet.  
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to  

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.  
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.  
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.  
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.  

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.  

Date: 6-1-85  
Signature of Owner:  

COPIES:  
Water Allocation – White  
Health Dept. – Yellow  
Owner – Blue  

DEPT. ENV. PROTECTION  
DIV. OF WATER RESOURCES  
WATER ALLOCATION  
JUN 6 1985  

WELPMT 041 1703
Owner: James R. McGhee  
Driller: Frank Bechtel Inc.  
Address: 9 R.L. Bessette  
413 Wallace Ave.  
Lindenwold, N.J. 08021  
Address: Blk. Horse Pk.  
Blackwood, N.J. 08012

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inches</td>
<td>75 feet</td>
<td>15 G.P.M.</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

lot #  block #  municipality  county  
2            151         Franklin         Gloucester

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated _____________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every ____________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: June 3, 1981  
Signature of Owner: Ron Bessette

WATER ALLOCATION COPY

This space for Approval Stamp

WELL PERMIT  
APPROVED  
JUN 4, 1981  
DEPT. ENV. PROTECTION  
DIV. OF WATER RESOURCES  
WATER ALLOCATION

WELPMT 040 0577
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: John and Donna Boyle
Driller: D'Agostino Well Drilling, Inc.
Address: RD#1, Box 1, Greensboro Rd.
Address: RR#8, Box 122, Landis Ave.
Franklinville, NJ 08232
Bridgeton, NJ 08302

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>4&quot;</th>
<th>Proposed Depth of Well</th>
<th>80</th>
<th>Feet</th>
</tr>
</thead>
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<table>
<thead>
<tr>
<th>Proposed Capacity of Pump</th>
<th>12</th>
<th>GPM</th>
<th>(cable-tool, rotary, etc.)</th>
<th>Rotary</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Use of Well</th>
<th>Domestic - Replacement</th>
</tr>
</thead>
</table>

LOCATION OF WELL

Lot # | Block # | Municipality | County | Map No. |
3 | 140 | Franklin | Gloucester | 31 |

North

West

South

East

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated

☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.

☐ Samples of cuttings required every feet.

☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: July 31, 1985
Signature of Owner: John Boyle

WELPMT 041 1986
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

Mail to
Water Allocation
CN 029
Trenton, N.J. 08625

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Dam Builders
Address: R.D. 2 Box 40, Delsea, DE
            Franklinville, NJ
Name of Facility: Dam Builders
Address: Same

Driller: Frank Santo
Address: 329 Big Harbor Rd.
            Blue Harbor, NJ 08031

Diameter of Well: 4 inches
Proposed Depth of Well: 100 Feet

Proposed Capacity of Pump: 25 GPM
Method of Drilling: Cable-tool, rotary, etc.
Use of Well: Commercial

LOCATION OF WELL

Lot #: 1E
Block #: 9 C
Municipality: Franklinville
County: Gloucester

State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL
of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be
    installed until such logs are made.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every __________ feet or change in material.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water system shall
    be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions
    of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and
    maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the
    production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 9/12/85
Signature of Owner: Dam Builders, William T. R.

This Space for Approval Stamp

WELL PERMIT
APPROVED
SEP 19 1985
DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION
PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  Leon Paulikas
Address  RD#1 Box 410
         Franklinville, NJ 08322
Name of Facility  Blackwoodtown Rd.
Address  Franklin Twp.

Driller  Al Pierseon  M.I. Dechamps, Inc.
Address  Michaels Lane

Diameter of Well  2
Proposed Depth of Well  60

Proposed Capacity of Pump  15 GPM
Method of Drilling  bored
Use of Well (See Reverse)  Domestic/replacement

LOCATION OF WELL

Lot #  9A4
Block #  66
Municipality  Franklin Twp.
County  Gloucester

State Atlas Map No.  31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated .
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every feet.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  10/8/85
Signature of Owner  Leon Paulikas

WELPMT 041 2224
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner
D.O.M. BLORS
Address
RD. 7, BOX 6, DELSEA DR.,
FRANKLINVILLE, N.J. 08022

Driller
FRANK FOSTE INC.
Address
379 E. 66 HARBOR R.D.,
BLUE ANCHOR, N.J. 08037

Name of Facility
Porchtown - Williamson Rd.
Address

Diameter of Well
3 inches
Proposed Depth of Well
100 Feet

Proposed Capacity of Pump
10 GPM
Method of Drilling
Rotary
Use of Well (See Reverse)
DOMESTIC

LOCATION OF WELL
Lot #
6
Block#
96
Municipality
FRANKLIN
County
GLoucester

State Atlas Map No.
31

39°37' N, 75°0' W
39°36' N, 75°0' W

- Draw sketch showing distance and relations of well site to
  nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL
of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.

☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be
  installed until such logs are made.

☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.

☐ Samples of cuttings required every __________ feet or change in material.

☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply
  system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions
  of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and
  maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the
  production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date
2/14/86
Signature of Owner

This Space for Approval Stamp

FEB 1998
DEPT. OF
STATE

WELPMT 041 2655
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner D&J BLORS
Address PO Box 6 DESEA OR
FRAKLINVILLE, N.J. 08322
Name of Facility
Address PSEHTOWN-WILLIAMSTOWN

Driller FRANK FRADE INC.
Address 379 EGG HARBOR RD
BLUE ALMORT, N.J. 08037

Diameter of Well 3 inches
Proposed Depth of Well 100 Feet
Proposed Capacity of Pump 10 GPM
Method of Drilling Rotary
Use of Well (See Reverse) Domestic

LOCATION OF WELL

Lot # 2
Block # 96
Municipality FRANKLIN
County GLOMBSTER
State Atlas Map No. 31

39 03' 6" 75 04'

39 56'

North

SEPTIC TANK
PROD WELL

South

3905

This Space for Approval Stamp
FEB 19 1986

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every ______ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date 2/14/86

Signature of Owner

WELPMT 041 2656

COPIES:
Water Allocation – White
Health Dept. – Yellow
Owner – Blue
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: WILLIAM B. MILAZZO
Address: 739 NO. Delsea Dr., Vineland, N.J. 08360

Driller: FRANK TATE INC.
Address: 599 E. Beach Corp., R.D., BLUE ANCHOR, NJ 08037

Diameter of Well: 4 Inches
Proposed Depth of Well: 100 Feet

Proposed Capacity of Pump: 15 GPM (rotary)
Method of Drilling: Rotary

Use of Well: Domestic

LOCATION OF WELL

Lot #: 11A
Block #: A6A
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31

North

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

This Space for Approval Stamp

WELL PERMIT
APPROVED

MAY 2, 1986
DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 4/28/86

Signature of Owner: [Signature]

COPIES: Water Allocation — White  Health Dept. — Yellow  Owner — Blue

WELPMT 041 2966
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Charles Homeyer, Jr.
Address: P. O. Box 620
Malaga, N.J. 08328

Driller: Al Pierson, M.J. DECHAMPS, INC.
Address: Michael's Lane
Pitman, N.J. 08071

Diameter of Well: 4 inches
Proposed Depth of Well: 150 feet

Proposed Capacity of Pump: 15 GPM
Method of Drilling: rotary

Use of Well: (See Reverse) domestic new

LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

Lot #: 9A12
Block #: 66
Municipality: Franklin Twp
County: Glouc.

State Atlas Map No.: 31

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 5/9/86

Signature of Owner: Charles R. Homeyer
Signature of Owner: Welpmt 041 3024
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

Mail to
Water Allocation
CN 029
Trenton, N.J. 08625

PERMIT TO DRILL WELL

Owner
Douglas Builders
Address
RD # 1 Box 1714
Franklinville, N.J. 08322

Name of Facility
Douglas Builders
Address
Leonard Cake Rd.
Franklinville, N.J. 08322

Driller
Al Pierson, M.J. Dechamps, Inc.
Address
Michael's Lane
Pitman, N.J. 08071

Diameter of Well
2 inches

Proposed Depth of Well
80 feet

Proposed Capacity of Pump
15 GPM

Method of Drilling
(cable-tool, rotary, etc.) bored

Use of Well (See Reverse)
Domestic

LOCATION OF WELL

Lot
5

Block
149

Municipality
Franklin Twp

County
Gloucester

State Atlas Map No.
31

39° 36' 31-10-132

North

75° 06' 75° 04'

South

75° 04'

East

WELL APPEAR

TO BE IN WELL
SIGHT

100 FT.

MIN. BETWEEN
WELL SERVICES

50 FT.

USE

This Space for Approval Stamp

WELL PERMIT
APPROVED

MAY 23 1986

DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pine Lands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment shall not be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:11-4.1 et seq. or for a material.
- The results of a volatile organic scan must be obtained prior to using the well and submitted to
- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:11-10.1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date
5/21/86

Signature of Owner
Douglas Builders

COPIES:
Water Allocation – White
Health Dept. – Yellow
Owner – Blue

WELPMT 041 3090
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner

CHARLES FOX

Driller

GEORGE MAYERS

Address

1334 FRANKLIN ST
FRANKLINVILLE N.J.

Address

RT3 BOX 93
SEWELL N.J. 08080

Name of Facility

PRIVATE DWELLING

Diameter of Well

4 Inches

Proposed Depth of Well

10 Feet

Proposed Capacity of Pump

10 G.P.M.

Method of Drilling (cable-tool, rotary, etc.)

RODATORY

Use of Well (See Reverse)

DOMESTIC REPLACEMENT

LOCATION OF WELL

Lot # 2

Block # 140

Municipality FRANKLIN

County GLOUCESTER

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated ____________ .

☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every _______ feet.

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

☐ ___________________________

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date 5/28/86

Signature of Owner

WATER ALLOCATION COPY
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

Mail to
Water Allocation
CN 029
Trenton, N.J. 08625

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner    Douglas Builders
Address   RD#1 Box 1714
          Franklinville, N.J. 08322

Name of Facility    Douglas Builders
Address   Leonard Cake Road
          Franklinville, N.J. 08322

Driller    James C. Mesiano
Address   RD#5 Box 61A
          Williamstown, N.J. 08094

Diameter of Well 2 Inch
Proposed Depth of Well 80 Feet
Method of Drilling Cable-Tool, Rotary, etc.
Rotary
Proposed Capacity of Pump 10 GPM
Use of Well (See Reverse) Domestic

LOCATION OF WELL

Lot # 5
Block # 149
Municipality Franklin Twp
County Gloucester

State Atlas Map No. 31
39° 36'
31-42-132
X

75-06

75-04

39° 34'

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every __________ feet or change in material.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date     8-4-86
Signature of Owner    

This Space for Approval Stamp

WELL PERMIT
APPROVED
AUG 12 1986
DEPT. No. 00000
DIV. OF WATER RESOURCES
WATER ALLOCATION

WELPMT 042 0061
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Delsea Regional High School
Address: Blackwoodtown Road
Franklinville, N.J. 08322

Driller: James C. Mesiano
Address: RD #5 Box 61-A
Williamstown, N.J. 08094

Name of Facility: Delsea Regional High School
Address: Blackwoodtown Road
Franklinville, N.J. 08322

LOCATION OF WELL

Lot #: 17 thr 20
Block #: 65
Municipality: Franklin Twp.
County: Gloucester

State Atlas Map No.: 31

39° 38' N
31-32-877

WELL SET BACK APPROX. 600' OFF BLACKWOOD TOWN ROAD

There are no Septic Systems known within 150' of the wellsite.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every 20 feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

CONTACT LLOYD MULLIKIN OF THE NJGS AT 609-292-2576 PRIOR TO DRILLING

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: July 8, 1986
Signature of Owner: [Signature]

WELPMT 042 0086
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  DEM BUILDERS
Address  202 BOX 6 AT 47
         FRANKLINVILLE NJ 08022
Name of Facility
Address  LAKE AVE
         FRANKLINVILLE

Driller  FRANK FORTE ENG
Address  379 OAKER RD
         BLUE ANCHOR NJ 08037

Diameter of Well  3"
Proposed Depth of Well  60'
Method of Drilling  ROTARY
Proposed Capacity of Pump  15 GPM
Use of Well (See Reverse)  DOMESTIC

LOCATION OF WELL

Lot #  P.01
Block #  518
Municipality  FRANKLIN
County  GLOU

State Atlas Map No.  31

Draw sketch showing distance and relations of well site to
nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL
of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be
  installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every __________ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- Domestic Potable Water Supply - The service line for water from the public community water supply
  system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions
  of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and
  maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the
  production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  8/20/86  
Signature of Owner  DEM BUILDERS

This Space for Approval Stamp

WELPM/042 0167
Owner: Antonio Faiola
Address: 721 Beechwood Ave, Cherry Hill, N.J.
Name of Facility: Trains
Address: Delsea Drive, Franklinville, N.J.

Driller: Dan Hansel
Address: RAI Box 308, Egg Harbor Rd, Sewell, N.J. 08080

Diameter of Well: 4 inches
Proposed Depth of Well: 70.0 feet
Proposed Capacity of Pump: 24 G.P.M.
Method of Drilling: Cable Tool
Use of Well: Domestic Replacement (see reverse)

LOCATION OF WELL
Lot: 687
Block: 137
Municipality: Franklin
County: Gloucester

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions:

- Permit issued in accordance with provisions of letter of transmittal dated
- It is necessary that geophysical logs of this well be made. Permanent pumping equipment shall not be installed until such logs are made.
- Samples of cuttings required every feet.
- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et. seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 5/31/83
Signature of Owner: Antonio Faiola

WATER ALLOCATION COPY

This Space for Approval Stamp

WELL PERMIT
APPROVED
AUG 6 1984
DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION
 Permit No. 31-20317

Owner: Tony Deola
Address: Delsea Drive, Franklinville
Driller: Dan Hess, J. E. William J. Hampton
Address: R.A. Box 308, Egg Harbor Twp., Sewell, N. J. 08080

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>Proposed Depth of Well</th>
<th>Proposed Capacity of Pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 inches</td>
<td>40.0 feet</td>
<td>12 G.P.M.</td>
</tr>
</tbody>
</table>

**Method of Drilling:** Driven

**Use of Well:** Domestic (semi-public, domestic, industrial, public-supply, test, etc.)

**Location of Well**

<table>
<thead>
<tr>
<th>Lot #</th>
<th>Block #</th>
<th>Municipality</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>137</td>
<td>Franklin</td>
<td>Gloucester</td>
</tr>
</tbody>
</table>

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Permit issued in accordance with provisions of letter of transmittal dated __________.
- It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Samples of cuttings required every ________ feet.

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 6/30/83

Signature of Owner: A. Deola

WATER ALLOCATION COPY

DEPT. ENV. PROTECTION
GW. OF WATER RESOURCES
WATER ALLOCATION

WELPMT 040 2756
PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Douglas Builders  Driller: James C. Mesiano

Address: A.D.H. Box 1714  Address: A.D.H. Box 61A

Trenton, N.J. 08625  Willingtown, N.J. 08044

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 inches</td>
<td>60 feet</td>
<td>10 G.P.M.</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

Lot # 12-15  Block # 01-74-138  Municipality: Franklin Twp  County: Gloucester

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

North  Well must be at least 50 ft. from septic

South

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every _________ feet.

☐

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date

Signature of Owner

BUREAU OF GEOLOGY COPY

This space for Approval Stamp

WELPMT 040 2956
PERMIT TO DRILL WELL  VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Douglas Builders  Driller: James C. Messia

Address: RD#1 Box 1714  Address: RD# 5 Box 41A

Franklinville, N.J. 08322  Williams Town, N.J. 08094

<table>
<thead>
<tr>
<th>diameter of well</th>
<th>proposed depth of well</th>
<th>proposed capacity of pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 inches</td>
<td>60 feet</td>
<td>10 G.P.M.</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

<table>
<thead>
<tr>
<th>lot #</th>
<th>block #</th>
<th>municipality</th>
<th>county</th>
</tr>
</thead>
<tbody>
<tr>
<td>31-10-122 113</td>
<td>Franklinville</td>
<td>Gloucester</td>
<td></td>
</tr>
</tbody>
</table>

State Atlas Map No. 31 5G1

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

50 ft. between well and septic.

well setup 100 ft. off road.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated____________.

☐ It is necessary that Geophysical Logs of this well be made by the Division of Water Resources. The owner shall require the driller to notify the Division by PHONE (609-292-2232) when drilling is completed. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every________feet.

☐ 

In compliance with R. S. 58:4A-14, application is made for a permit to drill a well as described above.

Date ___________________________  Signature of Owner ___________________________

BUREAU OF GEOLOGY COPY  WELPM 040 2958
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  Mr. Eugini
Address  Rt. 41 & Williams Town

Driller  Emile Gabor
Address

Name of Facility  Same
Address

Diameter of Well  2½
Inches

Proposed Depth of Well  60
Feet

Proposed Capacity of Pump  15
G.P.M.

Method of Drilling (cable-tool, rotary, etc.)

Use of Well (See Reverse)
Domestic Replacement

LOCATION OF WELL

Lot 8  Block 66  Municipality  Franklin Twp, Gloucester
County

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Permit issued in accordance with provisions of letter of transmittal dated ____________________.

☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Samples of cuttings required every _________ feet.

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date ____________________  Signature of Owner  ________________

WATER ALLOCATION COPY
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

31 22 8 75

Owner  Milt Rowen
Address  345 Fries Mill Rd.
         Turnersville, NJ 08012
Name of Facility  One Story Dwelling
Address  Philip Ave.
         Gloucester Co., NJ

Driller  Emile Gaburo
Address  988 N. Mill Rd
         Vineland, NJ 08360

Diameter of Well  2 inches
Proposed Depth of Well  90 feet

Proposed Capacity of Pump  20 GPM (cable-tool, rotary, etc.)
Method of Drilling  Augered
Use of Well (See Reverse)  Domestic

LOCATION OF WELL

Lot # 42, 45, 41
Block # 76
Municipality Franklin Twp.
County Gloucester
State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every ___________ feet or change in material.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  Jan. 9, 1987
Signature of Owner  Milt Rowen

WELPM'T 042 0606
**STATE OF NEW JERSEY**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**DIVISION OF WATER RESOURCES**  
**TRENTON, N.J.**

**PERMIT TO DRILL WELL**  
**VALID ONLY AFTER APPROVAL BY THE D.E.P.**

<table>
<thead>
<tr>
<th>Owner</th>
<th>South Jersey WELL Drilling Co. Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Facility</td>
<td>New Domestic</td>
</tr>
<tr>
<td>Address</td>
<td>1344 Chews Landing Rd.</td>
</tr>
<tr>
<td></td>
<td>Laurel Srping, NJ 08021</td>
</tr>
<tr>
<td>Address</td>
<td>235 N/ WHITE Horse Pike #1181</td>
</tr>
<tr>
<td></td>
<td>Hammonton, NJ 08037</td>
</tr>
<tr>
<td>Diameter of Well</td>
<td>4 inches</td>
</tr>
<tr>
<td>Proposed Depth of Well</td>
<td>100 feet</td>
</tr>
<tr>
<td>Proposed Capacity of Pump</td>
<td>11 GPM (cable-tool, rotary, etc.)</td>
</tr>
<tr>
<td>Method of Drilling</td>
<td>Domestic</td>
</tr>
<tr>
<td>Use of Well (See Reverse)</td>
<td>Domestic</td>
</tr>
</tbody>
</table>

**LOCATION OF WELL**

- Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

- **Lot #**: 68
- **Block**: B
- **Municipality**: Franklin Twp
- **County**: Gloucester
- **State Atlas Map No.**: 31

---

**SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS** pertaining to this permit. **APPROVAL** of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every ____________ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- **Domestic Potable Water Supply** - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- **Domestic Irrigation Supply** - No piping from the well for which the permit applies shall enter any building.
- **Industrial/Commercial Supply** - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- **Heat Pump Wells** - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

---

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

**Date**: 3-2-87  
**Signature of Owner**

---

**WELPM 042 0766**
STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES  
TRENTON, N.J.  

PERMIT TO DRILL WELL  
VALID ONLY AFTER APPROVAL BY THE D.E.P.  

Owner  DAVID B. HOLLOWAY  
Address  596 CLAYTON RD  
FRANKLINVILLE NJ 08332  

Driller  VIC BROWN  
Address  393A TUCKAMORE RD  
WILLIAMSTOWN NJ 08044  

Name of Facility  DAVID B. HOLLOWAY  
Address  RTE 47 FRANKLIN TWP.  
FRANKLINVILLE N.J.  

Diameter of Well  2"  
Proposed Depth of Well  50 Feet  
Proposed Capacity of Pump  9 G.P.M.  
Method of Drilling (cable-tool, rotary, etc.)  AUG 83  
Use of Well (See Reverse)  DOMESTIC  

LOCATION OF WELL  
Draw sketch showing distance and relations of well site to  
nearest public roads, streets, septic systems, etc.  

Lot#  1E  
Block#  99C  
Municipality  FRANKLIN  
County  GLOUCESTER  

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this  
permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with  
the following ADDITIONAL CONDITIONS:  
☐ Permit issued in accordance with provisions of letter of transmittal dated  
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT  
be installed until such logs are made.  
☐ Samples of cuttings required every _______ feet.  
☐ Domestic Potable Water Supply - The service line for water from the public community water supply  
system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.  
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.  
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions  
of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and  
maintained within the premises.  
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the  
production well.  

☐  

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.  

Date  11/19/83  
Signature of Owner  S. Stephen for Don  
WATER ALLOCATION COPY  

This Space for Approval Stamp  
WELL PERMIT  
APPROVED  
NOV 30 1983  
DEPT. ENV. PROTECTION  
DIV. OF WATER RESOURCES  

WELPMT 040 3284
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL 5

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Joseph Muhlbaier
Address: R. R. #2 Box 313 Oak Lane
         Malaga, New Jersey 08328

Name of Facility: Joseph Muhlbaier
Address: Oak Lane
         Malaga, New Jersey 08328

Driller: F. C. Capel & Son
Address: 751 Mantua Blvd.
         Sewell, New Jersey 08080

Diameter of Well: 4
Proposed Depth of Well: 100
Capacity of Pump: 10 GPM
Method of Drilling: rotary
Use of Well (See Reverse): Domestic - replacement

LOCATION OF WELL

Lot #: 13 & 23
Block #: A-261
Municipality: Franklin
County: Gloucester
State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

North

West

Oak Lane

House

East

South

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every __________ feet or change in material.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.
☐

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: April 20, 1987
Signature of Owner: [Signature]

This Space for Approval Stamp

WELL PERMIT
APPROVED
MAY 7, 1987

DEP. ENVI. PROTECTION
WELL DEPARTMENT OF WATER RESOURCES

WELPM'T 042 1030
Owner: Dante DaTorre  
Address: Box 353B, Stanton Avenue  
Franklinville, New Jersey 08322

Driller: Uni-Tech Drilling  
Address: P.O. Box 467  
Clayton, New Jersey 08312

Name of Facility:  
Address: Hiley Avenue and Triumph Avenue  
Franklinville, New Jersey 08322

Diameter of Well: 2 inches  
Proper Depth of Well: 60 feet

<table>
<thead>
<tr>
<th>Proposed Capacity of Pump</th>
<th>11 GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method of Drilling</td>
<td>(cable-tool, rotary, etc.) Rotary</td>
</tr>
<tr>
<td>Use of Well (See Reverse)</td>
<td>Domestic</td>
</tr>
</tbody>
</table>

LOCATION OF WELL

Lot #: 7A, 8, 9, & 11  
Block #: 129  
Municipality: Franklin  
County: Gloucester

State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

North

South

West

East

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pinelands: Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every ___________ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: June 11, 1987  
Signature of Owner: 

COPIES:  
Water Allocation — White  
Health Dept. — Yellow  
Owner — Blue  
Drilling — White

WELPMT 042 1226
OWNER: Stanley M. Sherman  
DRILLER: Douglas A. Lewis  

LOCATION OF WELL:

Lot: 3A  
Block: 64  
Municipality: Franklin Twp  
County: Gloucester  

State Atlas Map No.: 31  

North  
South  
East  
West

Proposed Depth of Well: 100 feet  
Proposed Diameter of Well: 4"  
Proposed Capacity of Pump: 10 GPM  
Method of Drilling: Rotary  
Use of Well: Domestic (Replacement)

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every _______ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 7-13-87  
Signature of Owner: Douglas A. Lewis  

This Space for Approval Stamp

WELL PLANT APPLIED FOR  
JUL 26 1987

DEPT. ENVIRONMENTAL PROTECTION  
DIV. OF WATER RESOURCES

WATER ALLOCATION

WELPMT 042 1419
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner

Bob Dobson
Rd. #1, Box 1508
Franklinville, NJ 08322

Driller

J. E. Fritts & Associates, Inc.
P. O. Box 333
Voorhees, NJ 08043

Address

Franklin Twp.
Gloucester Co., NJ.

Name of Facility

Route 55 Freeway

Address

Lot # 10 Block # 4202 Municipality Franklin Twp. County Gloucester

State Atlas Map No.

31 39 038

Diameter of Well

4 Inches

Proposed Depth of Well

15 Feet

Proposed Capacity of Pump

None

Method of Drilling

GPM (cable-tool, rotary, etc.)

Use of Well (See Reverse)

HSA Monitoring

LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

North

Carmen Ave.

East

South

Little Base Run

NJSH 55

Leonard Cake Rd.

MW-7

West

0' 200' 500'

Scale: 1" = 400'

75° 06'

75° 04'

39° 36'

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every __________ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date

September 1, 1987

Signature of Owner

WELPMT 042 1686
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELLS

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner
Gary W. Dheel
Address
Rd. #1, Box 15468
Franklinville, NJ. 08322
Name of Facility
Route 55 Freeway
Address
Franklin Twp.
Gloucester Co., NJ.

Driller
J. E. Fritts & Associates, Inc.
Address
P. O. Box 333
Voorhees, NJ. 08043

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>4 Inches</th>
<th>Proposed Depth of Well</th>
<th>15 Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposed Capacity of Pump</td>
<td>None</td>
<td>Method of Drilling</td>
<td>GPM (cable-tool, rotary, etc.)</td>
</tr>
<tr>
<td>Use of Well (See Reverse)</td>
<td>Monitoring</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LOCATION OF WELL

Lot # 4
Block # 4101
Municipality Franklin Twp.
County Gloucester
State Atlas Map No. 31
39° 38'.

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

75° 06'.

75° 04'.

75° 02'.

39° 36'.

55°

WELLEST

Triumph Rd.

Carman Ave.

Cressonaboro Rd.

North

South

East

0' 100' 200' 300'

Scale: 1" = 200

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every ___________ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date September 1, 1987

Signature of Owner

COPIES: Water Allocation – White
Health Dept. – Yellow
Owner – Blue

WELPMET 042 1687

This Space for Approval Stamp

WELL PERMIT APPROVED

Dept. of Environmental Protection

SEP 9 1987
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

Mail to
Water Allocation
CN 029
Trenton, N.J. 08625

Owner
NJ. Dept. of Transportation

Address
1035 Parkway Ave.
Trenton, N.J. 08625

Diameter of Well
4

Name of Facility
Route 55 Freeway

Address
Franklin Twp.
Gloucester Co., N.J.

Proposed Depth of Well
15

Diameter of Well
4

Proposed Capacity of Pump
None

Use of Well (See Reverse)
Monitoring

J. E. Fritts & Associates, Inc.

Address
P. O. Box 333
Voorhees, N.J. 08043

Method of Drilling
(cable-tool, rotary, etc.)

HSA

LOCATION OF WELL

Draw sketch showing distance and relations of well site to
nearest public roads, streets, septic systems, etc.

Lot #
15

Block #
4202

Municipality
Franklin Twp.

County
Gloucester

State Atlas Map No. 31

39° 38' 75° 06'

39° 36' 75° 04'

North

Carmen Ave.

Little Eagle Run

NJSH

MW-3

Leonard Cake Rd.

West

South

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions.

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.

☐ It is necessary that geophysical logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.

☐ Samples of cuttings required every ______ feet or change in material.

☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Portable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date
September 1, 1987

Signature of Owner

Copies:
Water Allocation – White
Health Dept. – Yellow
Owner – Blue

This Space for Approval Stamp

WELPMT 042 1688

SEP 9 1987

DEPT. ENVIRONMENTAL PROTECTION
WATER RESOURCES/WATER ALLOCATION
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner
Joseph Welischek

Address
Rd. #1, Box 1498
Franklinville, NJ, 08322

Name of Facility
Route 55 Freeway

Address
Franklin Twp.
Gloucester Co., NJ.

Driller
J. E. Fritts & Associates, Inc.

Address
P. O. Box 333
Voorhees, NJ, 08043

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>4</th>
<th>Inches</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Proposed Depth of Well</th>
<th>15</th>
<th>Feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Proposed Capacity of Pump</th>
<th>None</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Method of Drilling</th>
<th>GPM (cable-tool, rotary, etc.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Use of Well (See Reverse)</th>
<th>Monitoring</th>
</tr>
</thead>
</table>

LOCATION OF WELL

Lot # 21
Block # 4203
Municipality Franklin Twp.
County Gloucester

State Atlas Map No. 31
39° 38' 39° 36'

North Carmen Ave.

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

Scale: 1" = 400'

Leonard Cake Rd.

NJSH 55

East West

0' 200' 500'

This Space for Approval Stamp

SEP 9 1987

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date
September 1, 1987

Signature of Owner

WELPMT 042 1689

CPYES: Water Allocation – White
Health Dept. – Yellow
Owner – Blue
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  Township of Franklin
Address  Delsea Drive
Franklinville, NJ. 08322
Name of Facility  Route 55 Freeway
Address  Franklin Twp.
Gloucester Co., NJ.

Driller  J. E. Fritts & Associates, Inc.
Address  P. O. Box 333
Voorhees, NJ. 08043

 Diameter of Well  4  Inches
Proposed Depth of Well  15  Feet
Capacity of Pump  None  GPM (cable-tool, rotary, etc.)
Method of Drilling  HSA
Use of Well  (See Reverse)  Monitoring

LOCATION OF WELL

Lot #  Block #  Municipality  County
5      4115     Franklin Twp.  Gloucester
State Atlas Map No. 31  39 x 38.

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

75° 06' 00"

X

39° 36'

75° 05' 12"

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions:

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
☐ It is necessary that Geophysical logs of this well be made. Permanent pumping equipment SHALL NOT be
  installed until such logs are made.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every _______ feet or change in material.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply
  system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions
  of N.J.A.C. 7:10-10-1 et seq., and a rigorous cross connections control program shall be instituted and
  maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the
  production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  September 1, 1987
Signature of Owner

This Space for Approval Stamp

D.E.P. 9 1987

WELPMT 042 1690
Owner: Bob Dobson  
Address: Rd. #1, Box 1508  
Franklinville, NJ. 08322  

Address: P. O. Box 333  
Voorhees, NJ. 08043  

Name of Facility: Route 55 Freeway  
Address: Franklin Twp.  
Gloucester Co., NJ.

Permit No. 9127465/0  
Valid Only After Approval By The D.E.P.  
31 32 7 98

LOCATION OF WELL

Lot #: 10  
Block #: 4202  
Municipality: Franklin Twp.  
County: Gloucester

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

Scale: 1" = 400'

0' 200' 500'

North

Carman Ave.

East

Leonard Cake Rd.

South

West

MW-2

NJSH

Little Ease Run

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

☐ Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.

☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.

☐ Samples of cuttings required every ______ feet or change in material.

☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.

☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.

☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.

☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: September 1, 1987

Signature of Owner: [Signature]

Copies: Water Allocation - White  
Health Dept. - Yellow  
Owner - Blue
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Mr. Fiallo
Address: Rt 47
Franklinsville, N.J.

Driller: Ron Anderson
Address: 183-Quartern Ave
Atco, N.J. 08004

Name of Facility: Known as Fona
Address: Trouten Park

Diameter of Well: 4.5 inches
Proposed Depth of Well: 100 feet
Proposed Capacity of Pump: 25 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Replacement

LOCATION OF WELL

Lot #
Block #
Municipality
County

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

- Pinealnds - Well must be drilled over 100' deep or a clay layer at least 4" in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every ______________ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to ______________.
- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 10-13-87
Signature of Owner: [Signature]

This Space for Approval Stamp:

APPROVED

JAN 10 1988

DEPT. ENV. PROTECTION
MUN. OF WATER RESOURCES
WATER ALLOCATION

WELPM T 042 1804

COPIES: Water Allocation – White Health Dept. – Yellow Owner – Blue
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Lorenzo L. Lamb Jr.
Driller: George Mayers
Address: 8 Greensboro Rd
Address: Sewell N.J. 08080
Name of Facility: A PRIVATE DWELLING
Name of Facility: Same

Lot # 10
Block # 4115
Municipality: Franklin Twp
County: Gloucester

Diameter of Well: 4 Inch
Proposed Depth of Well: 100 Feet
Proposed Capacity of Pump: 10 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Replacement of Deficient Supply (14 Point Well 1978)

LOCATION OF WELL

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

Lot # 10
Block # 4115
Municipality: Franklin Twp
County: Gloucester

Proposed Well

Existing Well

14" Point Well 1978

This Space for Approval Stamp

DEPT. ENV. PROTECTION
DIV. OF WATER RESOURCES
WATER ALLOCATION

DEC 10 1987

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 11/27/87
Signature of Owner: [Signature]

COPIES:
Water Allocation - White
Health Dept. - Yellow
Owner - Blue

WELPMT 042 1969
PERMIT MISSING

NAME: Faidola, Anthony
TOWNSHIP: Franklin Twp.

DRILLER: [Blank]
COORDINATE NUMBER: 3132799
APPROVAL DATE: 1/25/88

PERMIT #: 3128078
PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: D+ M Buildings
Address: B072 Box 9, 08134 NJ
FRANKLINVILLE, NJ 08322

Driller: FRANK FONT, INC
Address: 379 Eagles Harbor Rd
BLUE HAVEN, NJ 08377

Diameter of Well: 4
Proposed Depth of Well: 100 Feet
Proposed Capacity of Pump: 15 GPM
Method of Drilling: Rotary
Use of Well: Domestic

LOCATION OF WELL

Lot #: 18
Block #: 4401
Municipality: FRANKLIN
County: MURPHY

State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- Pine Plains - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every ______ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 2/22/95
Signature of Owner: D+ M Buildings

COPIES: Water Allocation – White Health Dept. – Yellow Owner – Blue

WELPMT 042 2230
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  JANET MONTALTO  
Driller  GEORGE MAYER

Address  PO BOX 16 GREENSBORO RD  
Address  RT 3 Box 93

Name of Facility  A PRIVATE DWELLING  
Address  SAME

Diameter of Well  4    Inch
Proposed Depth of Well  100    Feet
Proposed Capacity of Pump  10    GPM
Method of Drilling  ROTARY
Use of Well (See Reverse)  Replacement

LOCATION OF WELL

Lot #  16  
Block #:  4116  
Municipality  FRANKLIN TWP
County  GLOUCESTER

State Atlas Map No.  31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Pinelands - Well must be drilled over 100'-deep or a clay layer at least 4'-in thickness must be encountered.
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every ______ feet or change in material.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to

☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date  4/25/88  
Signature of Owner  [Signature]

WELPMT 042 2477
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Hoffman, DiMuzio, Hoffman & Marcus
Address: 35 Hunter Street
Woodbury, New Jersey 08096
Name of Facility: Hoffman, DiMuzio, Hoffman & Marcus
Address: Delsea Drive
Franklinville, New Jersey

Driller: F. C. Capel & Son
Address: 751 Mantua Blvd.
Sewell, New Jersey 08080

Diameter of Well: 4 inches
Proposed Depth of Well: 120 feet
Proposed Capacity of Pump: 20 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Replacement Dug well
Drinking Water Supply?: Yes (see #5 on reverse)

LOCATION OF WELL

Lot #: 6  Block #: 4204  Municipality: Franklin
County: Gloucester
State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: June 8, 1990

Signature of Driller: Frederick C. Capel
Signature of Owner: Hoffman

Copies: Water Allocation — White
Health Dept. — Yellow
Owner — Blue

TWELPMT 044 0049
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Wm. & R. Worcester
Address: 1584 Station Rd
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: P.O. Box 467
Clayton, NJ 08312

Diameter of Well: 4 Inches
Proposed Depth of Well: 100 Feet
Proposed Method of Drilling: Rotary
Use of Well (See Reverse): Domestic Replacement

LOCATION OF WELL

Lot #: 2
Block #: 4110
Municipality: Franklin
County: Gloucester

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

This Space for Approval Stamp

Well Permit Number

WELL PERMIT APPROVED
Dept. of Environmental Protection
Water Resources / Water Allocation

JUL 25 1990

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 6-14-90

Signature of Driller: William Worcester
Signature of Owner: Wm. & R. Worcester

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue

PWELPMT 044 0086
Owner: James & Donna Brady
Address: Leonard Cake Rd.
Franklinville, N.J.
Name of Facility: Same
Address: 

Driller: Dale Miller's Well & Pump Service
Address: 1148 Gibbsboro Rd.
Voorhees, N.J. 08043

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>Proposed Depth of Well</th>
<th>Proposed Capacity of Pump</th>
<th>Method of Drilling</th>
<th>Use of Well (See Reverse)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Inches</td>
<td>100 Feet</td>
<td>10 GPM</td>
<td>ROTARY</td>
<td>DOMESTIC</td>
</tr>
</tbody>
</table>

**LOCATION OF WELL**

Lot #: 8D
Block #: 37A
Municipality: Franklin
County: Glouce

State Atlas Map No. 31-

North

West

East

South

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS.

- Pinelands - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- Samples of cuttings required every ___________ feet or change in material.
- The results of a volatile organic scan must be obtained prior to using the water and submitted to

- Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 5/26/88

Signature of Owner: 

WELPMT 042 2643
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: DENNIS SHIPLEY
Address: RD #1, BOX 1549
         FRANKLINVILLE, NJ 08322

Driller: UNI-TECH
Address: BOX 467
         CLAYTON, NJ 08312

Name of Facility: TRIUMPH & CARNON
Address: FRANKLINVILLE, NJ 08322

Diameter of Well: 4 1/2 Inches
Proposed Depth of Well: 100 feet

Proposed Method of Delineating: GPM (cable-tool, rotary, etc.)

Use of Well (See Reverse): REPLACEMENT

LOCATION OF WELL

Lot #: 1
Block #: 4-116
Municipality: FRANKLIN
County: GLOUC.

State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

- [ ] Pineland - Well must be drilled over 100' deep or a clay layer at least 4' in thickness must be encountered.
- [ ] It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- [ ] Authorization by rule under N.J.A.C. 7:14A-1 et seq.
- [ ] Samples of cuttings required every ______________ feet or change in material.
- [ ] The results of a volatile organic scan must be obtained prior to using the water and submitted to

- [ ] Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
- [ ] Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
- [ ] Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
- [ ] Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 8 Sept 88
Signature of Owner: DENNIS SHIPLEY

COPIES: Water Allocation - White  Health Dept. - Yellow  Owner - Blue

This Space for Approval Stamp

WELL PERMIT APPROVED
Dept. of Environmental Protection
Water Resources/Water Allocation

SEP 14 1988

WELPM 043 0016
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: D&M Builders
Address: 204 2nd Ave, Old Bridge, NJ 08857
Franklinville, NJ 08070

Driller: Frank Fonta Inc
Address: 325 Egg Harbor Rd
Blue Anchor, NJ 08037

Name of Facility: D&M Builders
Address: Old Bridge, NJ
Franklinville, NJ

Diameter of Well: 4 Inches
Proposed Depth of Well: 100 Feet
Proposed Capacity of Pump: 15 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Domestic

LOCATION OF WELL

Lot: 2
Block: 4001
Municipality: Franklin
County: Monmouth

State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

North

400'

200'

200'

East

West

South


SEE REVERSE SIDE for IMPORTANT PROVISIONS AND REGULATIONS pertaining to this permit. APPROVAL of this permit is made SUBJECT TO acceptance of and compliance with the following ADDITIONAL CONDITIONS:

☐ Pinelands: Well must be drilled over 100' deep of a clay layer at least 4' in thickness must be encountered.
☐ It is necessary that Geophysical Logs of this well be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
☐ Authorization by rule under N.J.A.C. 7:14A-1 et seq.
☐ Samples of cuttings required every _________ feet or change in material.
☐ The results of a volatile organic scan must be obtained prior to using the water and submitted to _________.
☐ Domestic Potable Water Supply - The service line for water from the public community water supply system shall be turned off at the curb cock, and the meter shall be removed by the water purveyor.
☐ Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building.
☐ Industrial/Commercial Supply - A physical connection permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10-1 et seq., and a vigorous cross connections control program shall be instituted and maintained within the premises.
☐ Heat Pump Wells - Wells must be 50 feet apart and the water must be returned to the same aquifer as the production well.

In compliance with R.S. 58:4A-14, application is made for a permit to drill a well as described above.

Date

Signature of Owner

WELPMT 043 0128
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Franklin Savings Bank, S.A.,
Address: 137 West Broadway,
Salem, New Jersey 08079

Driller: James C. Mesiano
Address: R.D. #5, Box 62-A
Williamstown, New Jersey 08094

LOCATION OF WELL

Lot # 5 and 6
Block # 3505
Municipality Franklin Twp., Gloucester
County

Well will be 50' min. from septic tank and 100' min. from field bed. Well will be located approx. 60' off Delsea Drive and approx. 130' off left property line.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date May 17, 1989

Signature of Driller

Signature of Owner

WELPMT 043 1304
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: John & Mary Lynam
Address: 31 Pennsylvania Avenue
        Williamstown, N.J.  08094

Driller: A&H Environmental Drilling Inc.
Address: 516 Davis road
         Barrington, N.J.  08007

Diameter of Well: 4"  Proposed Depth of Well: 100' Feet
Proposed Capacity of Pump: 11 GPM  Method of Drilling: (cable-tool,rotary,etc.) Rotary
Use of Well (See Reverse): Domestic-Replacement  Drinking Water Supply? no

LOCATION OF WELL

Lot #: 41  Block #: 101  Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31-42212

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

---

This Space for Approval Stamp

WELL PERMIT APPROVED

Date: August 28, 1991

Signature of Driller: [Signature]
License No: 0980/1110

Signature of Owner: [Signature]

---

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Copies: Water Allocation — White  Health Dept. — Yellow  Owner — Blue

WELPMT 044 2327
PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: CHARLES R. KALNAS
Address: 1676 STATION RD, FRANKLINVILLE, N.J. 08322
Name of Facility: DWELLING
Address: SAME

Driller: RICHARD'S WELL DRILLING
Address: 244 NEWPORT RD, MILWaukee N.J. 08322

Diameter of Well: 4.1/2 inches
Proposed Depth of Well: 100 feet

Use of Well (See Reverse): DOMESTIC/RECREATIONAL
Drinking Water Supply: yes

LOCATION OF WELL
Lot #: 8, Block #: 4/109, Municipality: FRANKLIN, County: GLOUSTERM
State Atlas Map No.: 31, 39°38'N, 75°06'W

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 10/23/91
Signature of Driller: CHARLES R. KALNAS
Signature of Owner: CHARLES R. KALNAS

WELPM 044 2608
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FROM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

OR

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 140 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: James L. Swindle
79 Reed Ave
Franklin NJ

Retailer: Ath Environmental Drilling Inc.
516 Davis Road
Burlington, NJ 08016

Name of Facility: Same as above

Diameter of Well: 4

Proposed Depth of Well: 100'

Proposed Capacity of Pump: 11 GPM

Method of Drilling: Rotary

Use of Well (See Reverse): Domestic Replacement

Drinking Water Supply?: Yes (See #6 on reverse)

LOCATION OF WELL

Lot #: 5
Block #: 92
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31

State Atlas Map: 39° 38' 59.06"

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE OF AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS:

- DOMESTIC/PUBLIC NON-COMMUNITY Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.
- PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.
- DOMESTIC IRIGATION SUPPLY - No piping from the well for which the permit applies shall enter any building.
- HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well. A two hour pump test must be performed on the return well at a rate of 1 1/2 times the estimated return flow of water.
- INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-11.1 et seq.
- REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.
- IRRIGATION PURPOSES ONLY
- TEST PURPOSES ONLY
- PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.84(a)(4) are met.
- GEO/PHYSICAL LOGS of this well must be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.
- SAMPLES OF cuttings required every ______ feet or change in material.
- MINIMUM distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: Oct. 30, 1989

Signature of Driller

Signature of Owner

WELPMT 043 2075
Owner: Bill Porch
Address: 1680 Station Road
Franklinville, NJ 08322
Driller: D'Agostino Well Drilling, Inc.
Address: RR#8, Box 122
Bridgeton, NJ 08302

Validity: Only after approval by the D.E.P.

Diameter of Well: 2 inches
Proposed Depth of Well: 80 feet
Method of Drilling: rotary
Capacity of Pump: 12 GPM
Use of Well: (See Reverse) Domestic - Replacement
Drinking Water Supply?: X yes (see #6 on reverse)

Location of Well:
Lot #: 3
Block #: 4104
Municipality: Franklin
County: Gloucester

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

This Space for Approval Stamp

WELL PERMIT APPROVED
Dept. of Environmental Protection
Water Resources/Water Allocation
FEB 18 1992

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: February 18, 1992
Signature of Driller: [Signature]
License No.: 952

Signature of Owner: [Signature]

Welpmt 044 3058
Owner: James Whitney
Address: 1549 D Carmon Avenue, Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: P.O. Box 467, Clayton, NJ 08312

Diameter of Well: 4 inches
Proposed Depth of Well: 90 feet
Proposed Capacity of Pump: 11 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Domestic Replacement
Drinking Water Supply?: Yes (see #6 on reverse)

LOCATION OF WELL

Lot #: 17
Block #: 4116
Municipality: Franklin Twp
County: Gloucester

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 4/13/92

Signature of Driller: [signature]
Signature of Owner: [signature]

License No.: 1256

WELPMT 045 0240
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
TRENTON, N.J.

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner  Hoffman Enterprises, Inc.
Address  South Delsea Drive  P.O. Box 101
         Franklinville, New Jersey 08322

Dweller  F.C. Capel & Son
Address  751 Mantua Blvd.
         Sewell, New Jersey 08080

Name of Facility  Hoffman Enterprises, Inc.
Address  S. Delsea Drive  Box 101
         Franklinville, New Jersey 08322

Diameter of Well  4
Proposed Depth of Well  120
Proposed Capacity of Pump  20 GPM
Method of Drilling  rotary
Use of Well  Public-non community
Drinking Water Supply  no

LOCATION OF WELL

Lot # 105  Block # 1401  Municipality  Franklin  County  Gloucester

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date  March 20, 1990

Signature of Driller  ____________________________
                     Frederick C. Capel

Signature of Owner  ____________________________
                     Henry Hoffman

WELPMT 043 2935
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.E.

Owner: USDA Farmers Home Administration c/o Butch Koch
Address: 595 Oak Lane, Malaga, N.J. 08328
Name of Facility: same as above
Address: 

Driller: A&H Environmental Drilling
Address: 516 Davis Road, Barrington, N.J. 08007

Proposed Diameter of Well: 4" inches
Proposed Depth of Well: 100' feet
Proposed Capacity of Pump: 11 GPM
Method of Drilling: rotary
Use of Well: Domestic - Replacement
Drinking Water Supply: no

LOCATION OF WELL

Lot #: 33
Block #: 4904
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31-42133

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

This Space for Approval Stamp

WELL PERMIT APPROVED
Dept. of Environmental Protection
Water Resources/Water Allocation

MAY 19 1994

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 05-12-94
Signature of Driller: [Signature]
Signature of Owner: [Signature]

COPIES: Water Allocation — White
Health Dept. — Yellow
Owner—Blue
Driller—White
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Ron & Cachie Brining
Address: 1282 Delsea Drive
Franklinville, N.J. 08322
Name of Facility: same as above
Address: ____________________________

Driller: A&H Environmental Drilling
Address: 516 Davis Road
Barrington, N.J. 08007

Diameter of Well: 4" 
Inches: ____________________________
Proposed Depth of Well: 100'
Feet: ____________________________

Proposed Capacity of Pump: 11 GPM
Method of Drilling (cable-tool, Rotary, etc.): Rotary

Use of Well (See Reverse): Domestic-replacement
Drinking Water Supply? No

LOCATION OF WELL

Lot #: 9
Block #: 4902
Municipality: Franklin
County: Gloucester
State Atlas Map No.: 31-422110

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 06/10/94
Signature of Driller: Ronald K. Calcara
License No.: 0981110
Signature of Owner: 
Driller—White

COPIES: Water Allocation—White
Health Dept.—Yellow
Owner—Blue

WELPMT 046 0532
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENT PROTECTION & ENERGY
TRENTON, NJ

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.E.

Owner: Michael Baker
Address: 1678 Station Rd
Franklinville, N.J. 08320

Driller: Hoover Garrison
Address: 118 Pickett Ave
Millville, N.J. 08332

Diameter of Well: 4 inches
Proposed Depth of Well: 100 feet

Proposed Capacity of Pump: 10 GPM (cable, draw, return, etc.)

Use of Well (See Reverse) Domestic Replacement
Drinking Water Supply? No

LOCATION OF WELL

Lot # 2
Block # 4108
Municipality Franklin Twp
County Gloucester

State Atlas Map No. 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE OF AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS:

DOMESTIC/PUBLIC NON-COMMUNITY Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.

PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.

DOMESTIC IRRIGATION SUPPLY - No piping from the well for which the permit applies shall enter any building.

HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well. A two hour pump test must be performed on the return well at a rate of 1 1/2 times the estimated return flow of water.

INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.

IRRIGATION PURPOSES ONLY

TEST PURPOSES ONLY

PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-8.8(4)(x) are met.

GEOPHYSICAL LOGS of this well must be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

SAMPLES of cuttings required every _______ feet or change in material.

MINIMUM distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).

The well shall be equipped with a totaling flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 5-18-93

Signature of Driller: [Signature]
License No.: 31049

Signature of Owner: [Signature]

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
OWNER: Mike & Laurie Valentino  
Address: 456 E. Lakeview Ave  
Franklinville, NJ 08322

DRILLER: Uni-Tech Drilling Co., Inc.  
Address: PO Box 634  
Newfield, NJ 08344

PERMIT NO. 314964  
COORD #: 31.42.132

LOCATION OF WELL

Lot #: 13  
Block #: 4203  
Municipality: Franklin  
County: Gloucester

State Atlas Map No.: 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS.

DOMESTIC/PUBLIC NON-COMMUNITY/NON-PUBLIC Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.

DOMESTIC IRRIGATION Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.

OPEN LOOP GEOTHERMAL HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well. A two hour pump test must be performed on the return well at a rate of 1½ times the estimated return flow of water.

INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

REPLACEMENT WELL - Existing wells must be sealed by a certified New Jersey licensed well driller upon abandonment.

IRRIGATION PURPOSES ONLY — TEST PURPOSES ONLY

PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.84(a)(v) and (vi) are met.

MINIMUM distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional conditions.

The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2.1 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 9-20-94  
Signature of Owner: Laura Yaron for Mike Valentino

Signature of Driller: James Ellis  
License No.: JD1632

Water Allocation — White  
Health Dept. — Yellow  
Owner — Blue  
Driller — White

WELPM 046 1088
PERMIT TO DRILL WELL

VA LID ONLY AFTER APPROVAL BY THE D.E.P.

Owner Mr. Joseph Ceresini
Address 780 Blackwoodtown Road -RD 4
Franklinville, N. J. 08322
Name of Facility Same as above
Address

Driller A&H Environmental Drilling Inc.
Address 516 Davis Road
Barrington, N. J. 08007

Diameter of Well 4" Inches
 Proposed Depth of Well 100' Feet
Proposed Capacity of Pump 15 GPM
Use of Well (See Reverse) Domestic Replacement
Drinking Water Supply? XX (yes see # 6 on reverse) no

Location of Well
Lot #13 Block # 4 Township Gloucester
State Atlas Map No. 31-328-74

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

This Space for Approval Stamp

WELL PERMIT APPROVED
NJDEP
BUREAU OF WATER ALLOCATION

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date 10/17/94

Signature of Driller
Signature of Owner

COPIES: Water Allocation — White
Health Dept.—Yellow Owner—Blue Driller—White

WELPMT 046 1216
A) The well shall be provided with a casing to a depth of 50 feet or more, and said casing shall extend to and be sealed into a confining layer separating the aquifer from the stratum of soil used for sewage disposal.

-or-

B) The well shall be constructed with a minimum of __70__ feet of casing, and be pressure grouted from the bottom of the casing to the surface.
Owner: Cherie Fithian
Address: RD#5 Box 1494-D Leonard Cake Rd
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: PO box 634 Newfield NJ 08344

Permit No. 31-45234
10-19-94

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Coord.: 31

Location of Well:
Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

State Atlas Map No. 31

See reverse side for important provisions and regulations pertaining to this permit approval. This permit is made subject to acceptance of and compliance with the following additional conditions:

- Domestic/Public Non-Community/Non-Public Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.
- Public Community Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.
- Domestic Irrigation Supply - No piping from the well for which the permit applies shall enter any building whose potable water is supplied through a public water system.
- Open Loop Geothermal Heat Pump Wells - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well. A two hour pump test must be performed on the return well at a rate of 11/2 times the estimated return flow of water.
- Industrial Supply - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
- Replacement Well - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.
- Irrigation Purposes Only
- Test Purposes Only
- Pinelands - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.6(a)4.v. are met.

Minimum distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).

The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 of seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: Oct 19, 1994
Signature of Driller: [Signature]
Signature of Owner: [Signature]

Copies: Water Allocation — White
Health Dept.—Yellow
Owner—Blue
Driller—White

This Space for Approval Stamp
WELPMT 046 1236
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION & ENERGY
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.E.

Owner: Mike & Laurie Valentino
Address: 456 E. Lakeview Ave
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: RD#2 Box 191-A
Malaga, NJ 08328

Lot # 13
Block # 4203
Municipality Franklin
County Gloucester

Diameter of Well 4 inches
Proposed Depth of Well 100 Feet
Proposed Capacity of Pump 12 GPM
Method of Drilling Rotary
Use of Well (See Reverse) Domestic
Drinking Water Supply? Yes

LOCATION OF WELL

Draw sketch showing distance and location of well site to
nearest public roads, streets, components of the
nearest sewage disposal system, etc.

State Atlas Map No. 31

39° 34' 39° 06'
75° 25° 5° 4° 3° 2° 1° 0° 39° 34'

This Space for Approval Stamp

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date 11-1-94

Signature of Driller
Signature of Owner

COPIES: Water Allocation—White Health Dept.—Yellow Owner—Blue Driller—White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENT PROTECTION & ENERGY
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Joseph J Hoffman Jr
Address: Blackwoodtown Rd
Franklinville, N.J. 08322

Driller: F. C. Capel & Son
Address: RD #2 Box 38A
Mullica Hill, N.J. 08062

Diameter of Well: 4
Proposed Depth of Well: 120

Proposed Capacity of Pump: 25 GPM
Method of Drilling: Rotary

Use of Well (See Reverse): Public Non Community

Drinking Water Supply?: yes (see # 6 on reverse)

LOCATION OF WELL

Lot #: 5
Block #: 4204
Municipality: Franklin Township
County: Gloucester

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

State Atlas Map No. 31

⑨

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE OF AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS.

DOMESTIC/PUBLIC NON-COMMUNITY Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.

PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.

DOMESTIC IRRIGATION SUPPLY - No piping from the well for which the permit applies shall enter any building.

HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well. A 2-hour pump test must be performed on the return well at a rate of 1 1/2 times the estimated return flow of water.

INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.

IRRIGATION PURPOSES ONLY

PINE ISLANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.84(a)(v) are met.

GEOLOGICAL LOGS of this well must be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

SAMPLES of cuttings required every _______ feet or change in material.

MINIMUM distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).

The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 9-20-93

Signature of Driller: F. C. Capel
License No.: m 887

Signature of Owner: Joseph J Hoffman

Driller: White

WELPM 045 2741
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FROM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

-OR-

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 150 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENT PROTECTION & ENERGY
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Puritan Oil Company, Inc.
Address: PO Box 274
Bellmawr, NJ 08099

Name of Facility: Same
Address: Rt. 47
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: PO Box 634, Newfield, NJ 08344

Diameter of Well: 4 Inches
Proposed Depth of Well: 100 Feet

Proposed Capacity of Pump: 12 GPM
Method of Drilling: Rotary

Use of Well (See Reverse): Non-Public Replacement
Drinking Water Supply?: yes

LOCATION OF WELL

Lot #: 9A3
Block #: 66
Municipality: Franklin Twp.
County: Gloucester

State Atlas Map No.: 31

Draw sketch showing distance and relations of well site to nearest public roads, streets, septic systems, etc.

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions:

X DOMESTIC/PUBLIC NON-COMMUNITY Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et. seq.

X PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.

X DOMESTIC IRRIGATION SUPPLY - No piping from the well for which the permit applies shall enter any building.

X HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well. A two hour pump test must be performed on the return well at a rate of 1/2 times the estimated return flow rate of water.

X INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

X REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.

IRRIGATION PURPOSES ONLY  TEST PURPOSES ONLY

PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.8(a)(4)(v) are met.

GEOLOGICAL LOGS of this well must be made. Permanent pumping equipment SHALL NOT be installed until such logs are made.

SAMPLES of cuttings required every __ feet or change in material.

MINIMUM distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).

The well shall be equipped with a balancing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 10/25/93

Signature of Driller: [Signature]
Signature of Owner: [Signature]

License No.: 11256

This Space for Approval Stamp

WELL PERMIT APPROVED
Dept. of Environmental Protection
Water Resources/Water Allocation

OCT 26 1993

WELPM 045 2905
**STATE OF NEW JERSEY**

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**TRENTON, NJ**

**PERMIT TO DRILL WELL**

**VALID ONLY AFTER APPROVAL BY THE D.E.P.**

**COORD #: 31.32.797**

**Owner:** JUDY PROCTOR (A.K.A. FRANKLIN) A.A.H. INC.

**Address:** 244 Iowa Lake Road, Parthenon
Franklinville, NJ 08322

**Name of Facility:** Same As Above

**Address:**

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposed Depth of Well</td>
<td>100</td>
</tr>
<tr>
<td>Proposed Capacity of Pump</td>
<td>5 GPM</td>
</tr>
<tr>
<td>Method of Drilling</td>
<td>ROTARY</td>
</tr>
<tr>
<td>Use of Well (See Reverse)</td>
<td>Domestic - Replacement</td>
</tr>
<tr>
<td>Drinking Water Supply?</td>
<td>X</td>
</tr>
</tbody>
</table>

**LOCATION OF WELL**

<table>
<thead>
<tr>
<th>Lot #</th>
<th>13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block #</td>
<td>4201</td>
</tr>
<tr>
<td>Municipality</td>
<td>FRANKLIN</td>
</tr>
<tr>
<td>County</td>
<td>GLOUCESTER</td>
</tr>
</tbody>
</table>

**State Atlas Map No.: 31 - 32, 970**

- Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

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**In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.**

**Date:** 08/09/95

**Signature of Driller:** [Signature]

**Registration No.:** 1110

**Signature of Owner:** [Signature]

**Copies:**
- Water Allocation — White
- Health Dept. — Yellow
- Owner — Blue
- Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION & ENERGY
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: GEORGE SKRIAPAS
Address: RD1 BOX 455
FRANKLINVILLE, NJ 08322
Name of Facility: NEW CONSTRUCTION
Address: POCHTOWN-WILLIAMS TOWN RD
FRANKLINVILLE, NJ 08322

Driller: JAMES C. ANDERSON ASSOC., INC.
Address: 907 PLEASANT VALLEY AVE.
Mt. Laurel, NJ 08054

Diameter of Well: 4 Inches
Proposed Depth of Well: 100 Feet
Proposed Capacity of Pump: 10 GPM
Method of Drilling: ROTARY, R.W.D
Use of Well (See Reverse): DOMESTIC
Drinking Water Supply: DOMESTIC

Lot #: 44
Block #: 305
Municipality: Franklin Twp
County: Gloucester
State Atlas Map No.: 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT APPROVAL. THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE OF AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS.

DOMESTIC/PUBLIC NON-COMMUNITY/NON-PUBLIC Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.
PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.
DOMESTIC IRRIGATION SUPPLY - No piping from the well for which the permit applies shall enter any building whose potable water is supplied through a public water system.
OPEN LOOP GEOTHERMAL HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well. A two hour pump test must be performed on the return well at a rate of 1 1/2 times the estimated return flow of water.
INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.
IRRIGATION PURPOSES ONLY
TEST PURPOSES ONLY
PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.84(a)4.v. are met.
MINIMUM distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).
The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 8/11/95
Signature of Driller: STEVEN CURRIE License No. 1624
Signature of Owner: GEORGE SKRIAPAS

COPIES: Water Allocation — White

Health Dept.—Yellow
Owner—Blue
Driller—White

This Space for Approval Stamp

WELL PERMIT APPROVED
N J D E P

AUG 25 1995

BUREAU OF WATER ALLOCATION

WELPMPT 046 2975
DWR-133  
(6/95) 

STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
TRENTON, NJ  

Mail to  
NJDEP  
Bureau of Water Allocation  
CN 426  
Trenton, NJ 08625-0426  

PERMIT TO DRILL WELL  

VALID ONLY AFTER APPROVAL BY THE D.E.P.  

Permit No. 31-47949  
10/06/95  

COORD #: 31.32.798  

Owner  
Mr. Steve Kressley 
Address 12 Greensboro Rd.  
Franklinville, NJ 08322  

Driller Andersons Well Drilling  
Address 143 Taunton Ave.  
Atco, NJ 08004  

Dia. of Well 4 inches  
Proposed Depth of Well 100 feet  
Proposed Capacity of Pump 15 GPM  
Method of Drilling (cable-tool, rotary, etc.) Rotary  
Use of Well (see reverse) Domestic - Replacement  
Drinking Water Supply? No  

LOCATION OF WELL  

Lot 14  
Block 139  
Municipality Franklin  
County Gloucester  
State Atlas Map No. 31-32798  

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.  

39°38'  
75°06'  

WELPMT 046 3305
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner Delsea Regional High School
Address Fries Mill Rd.
Franklinville, N.J. 08322

Driller Quinlan Well Drilling
Address 248 E. Landis Ave. RD5
E. Vineland, N.J. 08360

Diameter of Well 4
Inches
Proposed Depth of Well 100
Feet

Proposed Capacity of Pump 30
GPM
Method of Drilling Rotary
(cable-tool, Rotary, etc.)

Use of Well (See Reverse) Non-Public - New
Drinking Water Supply? XX yes (see #8 on reverse) no

LOCATION OF WELL
Lot # 97
Block # 1401
Municipality Twp Gloucester Franklin
County

The building to be served by this system has been shut off from main building, North they have no water.

This Space for Approval Stamp

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date 11/30/95
Signature of Driller
Driller — White

Signature of Owner
Owner — Blue

Copies:

Water Allocation — White
Health Dept. — Yellow

WELPMT 047 0120
PERMIT TO DRILL WELL

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

Mail to
NJDEP
Bureau of Water Allocation
CN 426
Trenton, NJ 08625-0426
w-05-#2-0676
ID 083501

OK
mJC
BSW
12-14-95
VALID ONLY AFTER APPROVAL BY THE D.E.P.

PERMIT NO.

Owner
ANTONIO & RITA FRIOLA (665-9283)

Address
721 BEECHWOOD AVE.
CHERRY HILL, N.J. 08002

Name of Facility
FOUR TRAILER PARK (694-0946)

Address
DELSA DRIVE & BELLE AVE.
FRANKLINVILLE, N.J. 08022

Driller
JAMES C. MESIANO

Address
1506 W. MAIN ST.
WILLIAMS TOWN, N.J. 08834


LOCATION OF WELL

Lot #: 5
Block #: 4111
Municipality: FRANKLIN Twp
County: GLOUCESTER

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

South

West

(S1-32-799)

North

East

FREEZE PUMP

SCREEN PUMP

SEPTIC TANK

GRAYWATER DRUM

WELL - APPROX. 55' OFF ROAD,
DELSA DR. AND 120' OFF OW/FROM BELLE AVE.

39° 38’

25° 05’

0° 00’

25° 05’

39° 38’

39° 33’

39° 30’

39° 27’

39° 24’

39° 21’

39° 18’

39° 15’

39° 12’

39° 09’

39° 06’

39° 03’

39° 00’

38° 57’

38° 54’

38° 51’

38° 48’

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE OF AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS.

☐ DOMESTIC/PUBLIC NON-COMMUNITY NON-PUBLIC Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.

☐ PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.

☐ CLOSED LOOP GEOTHERMAL see attached conditions.

☐ OPEN LOOP GEOTHERMAL HEAT PUMP WELLS Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well.

☐ INDUSTRIAL SUPPLY A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

☐ IRRIGATION SUPPLY A physical connection control permit may be required pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

☐ REPLACEMENT WELL Existing well must be sealed by a certified New Jersey licensed well driller uppon abandonment.

☐ IRRIGATION PURPOSES ONLY ☐ TEST PURPOSES ONLY

☐ PINELANDS Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-8.44 (a)4. v. are met.

☐ MINIMUM DISTANCE REQUIREMENTS as per N.J.A.C. 7:10-12.13 have not been met see attached additional condition(s).

☐ The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 12-5-95

Signature of Driller
JAMES C. MESIANO
Registraion No. 1078

Signature of Owner
ANTONIO FRIOLA

Copies: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

WELPMT 047 0191
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: C & E Development
Address: P.O. Box 345
Clayton, NJ 08312

Driller: Uni-Tech Drilling Co., Inc.
Address: 602 West Main Street
Malaga, NJ 08328-4209

Diameter of Well
Proposed Depth of Well

4 ft
100 ft

Inches

Proposed Capacity of Pump
GPM

12

Method of Drilling
(cable-tool, Rotary, etc.)

Rotary

Use of Well (See Reverse)

Domestic

Drinking Water Supply?

Yes

(see # 8 on reverse)

no

LOCATION OF WELL

Lot #
32

Block #
10

Municipality
Franklin

County
Gloucester

State Atlas Map No.
31

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions:

DOMESTIC/PUBLIC NON-COMMUNITY/NON-PUBLIC Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.

PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.

CLOSED LOOP GEOTHERMAL - see attached conditions.

OPEN LOOP GEOTHERMAL/HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well.

INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

IRRIGATION SUPPLY - A physical connection control permit may be required pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.

IRRIGATION PURPOSES ONLY ☐ TEST PURPOSES ONLY ☐

PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.84 (a)(v) are met.

MINIMUM depth requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).

The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date 1-3-96

Signature of Driller

Registration No.

Signature of Owner

COPIES:

Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

This Space for Approval Stamp

WELPMT 047 0332
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: C & E Development
Address: P.O. Box 345
Clayton, NJ 08312

Driller: Uni-Tech Drilling Co., Inc.
Address: 602 West Main Street
Maldan, NJ 08328-4209

Name of Facility: Same
Address: Avery Lynn Court
Franklin Twp., NJ

Diameter of Well: 4
Depth of Well: 100

Proposed Capacity of Pump: 12 GPM
Method of Drilling: Rotary

Use of Well (See Reverse): Domestic
Drinking Water Supply: Yes

LOCATION OF WELL

Lot #: 32.06
Block #: 4904
Municipality: Franklin
County: Gloucester

See sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 1-3-96
Signature of Driller: [Signature]
Registration No.: M0304
Signature of Owner: [Signature]

COPIES: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

WELPMT 047 0333
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: C & E Development
Address: P.O. Box 345
Clayton, NJ 08312

Driller: Uni-Tech Drilling Co., Inc.
Address: 602 West Main Street
Malaga, NJ 08328-4209

Location of Well

Lot # 32.08
Block # 4904
Municipality: Franklin
County: Gloucester

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

Signature of Driller: [Signature]
Registration No.: M0804

Signature of Owner: [Signature]

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 1-3-96

Copies:
- Water Allocation — White
- Health Dept. — Yellow
- Owner — Blue
- Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Steven Trout
Address: 39 Station Avenue
Franklinville, NJ 08322
Name of Facility: Same
Address: 

Driller: Uni-Tech Drilling Co., Inc.
Address: 602 West Main Street
Malaga, NJ 08328-4209

Diameter of Well: 4 inches
Proposed Depth of Well: 100 feet
Proposed Capacity of Pump: 12 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Domestic Replacement
Drinking Water Supply? Yes

LOCATION OF WELL

Lot #: 6
Block #: 4106
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 4-12-96
Signature of Driller: 
Registration No.: M0804
Signature of Owner: Janet Monroe for S. Trout

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

This Space for Approval Stamp
WELL PERMIT APPROVED
N.J.D.E.P.
APR 18 1996
BUREAU OF WATER ALLOCATION
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: LARRY HOLDCRAFT
Address: 134 HALE AVE.
FRANKLINVILLE, N.J. 08008

Driller: JAMES C. MESSIAH
Address: 1506 W. MAIN ST.
WILLIAMSTOWN, N.J. 08044

Proposed Depth of Well: 170 Feet

Proposed Diameter of Well: 4 Inches

Proposed Capacity of Pump: 12 GPM

Method of Drilling: Rotary

Use of Well (See Reverse): Domestic Replacement

Drinking Water Supply: No

Lot #: 9
Block #: 4109
Municipality: FRANKLIN TWP
County: GLOUCESTER

STATE ATLAS MAP No.: 31

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 6-6-96

Signature of Driller: JAMES C. MESSIAH
License No.: 1077

Signature of Owner: LARRY HOLDCRAFT
License No.: 050978

COPIES:
Water Allocation — White
Health Dept.—Yellow
Owner—Blue
Driller—White

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J.D.E.P.
BUREAU OF WATER ALLOCATION
JUN 6 1996
**PERMIT TO DRILL WELL**

VALID ONLY AFTER APPROVAL BY THE D.E.P.

<table>
<thead>
<tr>
<th>Owner</th>
<th>Driller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florece Pelikan</td>
<td>James C. Mesiano</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 Willette Ave.</td>
<td>1506 N Main St.</td>
</tr>
<tr>
<td>Franklinton, N.J. 08322</td>
<td>Williamstown, N.J. 08094</td>
</tr>
</tbody>
</table>

**Name of Facility**

The Pelikan’s

**Address**

30 Willette Ave.
Franklinton, N.J. 08322

**LOCATION OF WELL**

<table>
<thead>
<tr>
<th>Lot #</th>
<th>Block #</th>
<th>Municipality</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>4101</td>
<td>Franklinton</td>
<td>Gloucester</td>
</tr>
</tbody>
</table>

State Atlas Map No. 31

(39°32′-797′)

**Diagram**

- **North**
- **South**
- **East**
- **West**

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

**See Reverse Side for Important Provisions and Regulations Pertaining to This Permit. Approval of this Permit is Made Subject to Acceptance of and Compliance with the Following Additional Conditions.**

- Domestic/Public Non-Community/Non-Public Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.
- Public Community Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.
- Closed Loop Geothermal - See attached conditions.
- Open Loop Geothermal Heat Pump Wells - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well.
- Industrial Supply - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
- Irrigation Supply - A physical connection control permit may be required pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
- REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.
- Irrigation Purposes Only
- Pinelands - Well must be drilled and cased to a minimum depth of 100 feet unless the provisions of N.J.A.C. 7:50-6.94 (a)-(v) are met.
- Minimum distance requirements as per N.J.A.C. 7:10-12.13 have not been met - See attached additional conditions.
- The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

**Date** 8-16-96

**Signature of Driller**

James C. Mesiano

**Registration No.**

1078

**Signature of Owner**

Florece Pelikan

**Copies:**

Water Allocation — White

Health Dept. — Yellow

Owner — Blue

Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: MIKE GROCHOWSKI/GENERAL CONTRACTOR
Address: 30 WILLETTE AVE, PELIKAN
FRANKLINVILLE, NJ 08322.

Name of Facility: MIKE GROCHOWSKI/GENERAL CONSTRUCTION
Address: WILLETTE AVE.
FRANKLINVILLE, NJ 08322.

Driller: JAMES C. MESNER
Address: 1506 N. MAIN ST.
WILLIAMSTOWN, NJ 08094

Lot #: 9.01
Block #: 4101
Municipality: FRANKLIN TWP
County: GLOUCESTER

Diameter of Well: 4 inches
Proposed Depth of Well: 100 Feet

Proposed Capacity of Pump: 12 GPM
Method of Drilling: ROTARY

Use of Well (See Reverse): DOMESTIC - NEW
Drinking Water Supply?: NO

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE OF AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS:

☑ DOMESTIC/PUBLIC NON-COMMUNITY/NON-PUBLIC Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.
☑ PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.
☐ CLOSED LOOP GEOTHERMAL - see attached conditions.
☐ OPEN LOOP GEOTHERMAL HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well.
☑ INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
☑ IRRIGATION SUPPLY - A physical connection control permit may be required pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
☐ REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.
☐ IRRIGATION PURPOSES ONLY ☐ TEST PURPOSES ONLY
☐ PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.8(a)4.v are met.
☑ MINIMUM distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).
☐ The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 8-16-96
Signature of Driller: JAMES C. MESNER Registration No. 1078
Signature of Owner: 

WELPMG 047 1488
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FORM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

OR

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 65 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Mike Gruchowski / General Contractor
Address: 30 Willie Ave.
Franklinville, N.J. 08322

Driller: James C. Mersino
Address: 1506 N. Main St.
Williamsburg, N.J. 08094

Name of Facility: Gruchowski / General Contractor
Address: Willie Ave.
Franklinville, N.J. 08322

Diameter of Well: 4" Diameter
Proposed Depth of Well: 110 Feet
Method of Drilling: Rotary

Use of Well (See Reverse): Domestic - New

Drinking Water Supply?: No

LOCATION OF WELL

Lot #: 3.01
Block #: 4.01
Municipality: Franklin Twp.
County: Gloucester

State Atlas Map No.: 31

South: Tripton Road
West: Beachtown Road - Williie Ave.
North: Approx. 10' off line A & 10' off Road. Well to be 50' from S patriotic Tax
East: Other

SEE REVERSE SIDE FOR IMPORTANT PROVISIONS AND REGULATIONS PERTAINING TO THIS PERMIT. APPROVAL OF THIS PERMIT IS MADE SUBJECT TO ACCEPTANCE OF AND COMPLIANCE WITH THE FOLLOWING ADDITIONAL CONDITIONS:

Domestic/Public Non-Community/Non-Public Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.

Public Community Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 (a) et seq.

Closed Loop Geothermal - see attached conditions.

Open Loop Geothermal Heat Pump Wells - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well.

Industrial Supply - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.12 et seq.

Irrigation Supply - A physical connection control permit may be required pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.

Replacement Well - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.

Irrigation Purposes Only

Test Purposes Only

Pine Lands - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.4 are met.

Minimum distance requirements as per N.J.A.C. 7:10-12.13 have not been met - see attached additional condition(s).

The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2 et seq.

In compliance with N.J.S.A. 58:46A-14, application is made for a permit to drill a well as described above.

Date: 9-17-96

Signature of Driller: James C. Mersino
Registration No.: 1078

Signature of Owner: J.C.M. & Florence Petela

Copies:
Water Allocation - White
Health Dept. - Yellow
Owner - Blue
Driller - White

WELPMT 047 1584
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Robert Pelikan
Address: 30 Willette Avenue
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

Name of Facility: Same
Address: Willette Avenue
Franklin Twp., NJ.

Location of Well
Lot #: 3.01
Block #: 4101
Municipality: Franklin
County: Gloucester

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

This Space for Approval Stamp

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 11-8-96
Signature of Driller: [Signature]
Registration No.: M0804
Signature of Owner: [Signature]

Copies: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FROM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

OR

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 70 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL
VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: Robert Pelikan
Address: 30 Willette Avenue
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 602 West Main Street
Malaga, NJ 08328

<table>
<thead>
<tr>
<th>Diameter of Wall</th>
<th>4 inches</th>
<th>Proposed Depth of Well</th>
<th>100 Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposed Capacity of Pump</td>
<td>12 GPM</td>
<td>Method of Drilling (cable-tool, Rotary, etc.)</td>
<td>Rotary</td>
</tr>
</tbody>
</table>

Use of Well (See Reverse)
Drinking Water Supply? yes

Drinking Water Supply? yes (see #8 on reverse) no

LOCATION OF WELL

Lot # Block # Municipality County
3 4101 Franklin Gloucester

State Atlas Map No. 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

WELPERM 047 1885
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Owner: ED GROCZOWSKI EXCAVATING, INC
Address: A.D. Box 383
Franklinville, N.J. 08322
Name of Facility: ED GROCZOWSKI
Address: DESEA DR.
Franklinville, N.J. 08322

Driller: JAMES C. MESSIA
Address: 1506 N. MAIN ST
Williamstown, N.J. 08094

Permit No: 3151247
4-21-97

COORD #: 31 32 796

LOCATION OF WELL

Lot #: 8
Block #: 4001
Municipality: Franklinville
County: Gloucester

State Atlas Map No: 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 4-21-97
Signature of Driller: JAMES C. MESSIA
Registration No: J-1678
Signature of Owner: CSN CP CR Sandwall

COPIES: Water Allocation — White

Health Dept. — Yellow
Owner — Blue
Driller — White

WELPMT 047 2555
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FORM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

OR

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 100 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

MONITORING WELL PERMIT
VALID ONLY AFTER APPROVAL BY THE D.E.P.

SERIAL # 59483

Mail to:
NJDEP
Bureau Water Allocation
CN 426
Trenton, NJ 08625-0426

Owner: South Jersey Gas Co.
Address: 215 Cates Road
McKee City, NJ 08234-5286

Driller: M&R Soil Investigations, Inc.
Address: 907 Darmstadt Avenue
Egg Harbor City, NJ 08215

Name of Facility: IONA BLOCK VALVE ...
Address: Fries Mill/Blackwoodtown Rd (RT 655)
Franklin Township, NJ

LOCATION OF WELL(S) (Boring)

Lot #: 9A
Block #: 66
Municipality: Franklin Twp.
County: Gloucester

State Atlas Map No. 31

FOR MONITORING WELLS, RECOVERY WELLS, OR PIEZOMETERS, THE FOLLOWING MUST BE COMPLETED BY THE APPLICANT: PLEASE INDICATE WHY THE WELLS ARE BEING INSTALLED:

☐ Split Site
☐ ISRA Site
☐ CERCLA (Superfund) Site
☐ RCRA Site
☐ Underground Storage Tank Site
☐ Operational Ground Water Permit Site
☐ Pretreatment and Residues Site
☐ Water and Hazardous Waste Enforcement Case
☐ Water Supply Aquifer Test Observation Well
☐ Other (explain) X N/A — INSTALLED BY RFP

CASE I.D. Number

This Space for Approval Stamp

WELL PERMIT APPROVED NJDEP

May 13, 1997

FOR D.E.P. USE

☐ Issuance of this permit is subject to the conditions attached. (see next page)
☐ The well(s) may not be completed with more than 25 feet of total screen or uncased borehole.
☐ For monitoring purposes only

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 5-8-97
Signature of Driller

Signature of Owner

COPIES: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

Registration No. 5 1277

WELPMT 047 2695
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ
PERMIT TO DRILL WELL
05
6-5-97
VALID ONLY AFTER APPROVAL BY THE D.E.P.
COORD #: 31.32.791

Owner Elmeda Smith
Address 18 Wilette Avenue
Franklinville, NJ 08322

Name of Facility Same
Address

Driller Uni-Tech Drilling Co., Inc.
Address 601 West Main Street
Malaga, NJ 08328

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>4 inches</th>
<th>Proposed Depth of Well</th>
<th>100 Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proposed Capacity of Pump</td>
<td>12 gpm</td>
<td>Method of Drilling (probe-test, Rotary)</td>
<td>Rotary</td>
</tr>
<tr>
<td>Use of Well (See Reverse)</td>
<td>Domestic Replacement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drinking Water Supply?</td>
<td>yes</td>
<td>yes (see # 6 on reverse)</td>
<td>no</td>
</tr>
</tbody>
</table>

LOT # Block # Municipality County
2 4101 Franklin Gloucester

State Atlas Map No. 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

This Space for Approval Stamp
WELL PERMIT APPROVED
NJ D.E.P.
JUN 5 1997
BUREAU OF WATER ALLOCATION

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill well as described above.

Date 6-4-97
Signature of Driller
Registration No. M0804
Signature of Owner

COPIES: Water Allocation — White Health Dept. — Yellow Owner — Blue Driller — White
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FORM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

OR

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 150 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

Owner: Dr. Samuel Porter
Address: 1839 Delsea Drive
Franklinville NJ 08322

Driller: Andersons Well Drilling
Address: 143 Taunton Ave.
Atco NJ 08004

Diameter of Well: 4"
Proposed Depth of Wall: 100'

Proposed Capacity of Pump: 12 GPM
Method of Drilling: Rotary

Use of Water (See Reverse): Yes (see if 6 on reverse)
Drinking Water Supply?: No

LOCATION OF WELL

Lot #: 2
Block #: 4204
Municipality: Franklin
County: Gloucester
State Atlas Map No.: 31-32795

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 6/12/97
Signature of Driller: [Signature]
Registration No.: 980

Signature of Owner: [Signature]

Copies:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

WELPMT 047 2879
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: Horace & Norma Hayes
Address: 85 Champion Road
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

Lot #: 161
Block #: 4116
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31

Location of Well:
Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 8-6-97
Signature of Driller: [Signature]
Registration No.: M0804
Signature of Property Owner: [Signature]

Copies:
Water Allocation - White
Health Dept. - Yellow
Owner - Blue
Driller - White

This Space for Approval Stamp

WELPMT 120 1183
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FROM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

OR

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 150 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: Jim Sullivan Real Estate Svcs.
Address: 1931 Delsea Drive (Route 47)
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

Diameter of Wall: 4 inches
Proposed Depth of Wall: 100 Feet
Proposed Capacity of Pump: 12 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Non-Public Replacement
Drinking Water Supply?: Yes

LOCATION OF WELL

Lot #: 6
Block #: 4109
Municipality: Franklin
County: Gloucester
State Atlas Map No.: 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

This Space for Approval Stamp

CHECKBOXES:
- DOMESTIC/PUBLIC NON-COMMUNITY/NON-PUBLIC Water Supply Wells shall comply with N J A C 7 10-12-1 et seq
- PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N J A C 7 10-11 1 et seq
- CLOSED LOOP GEOTHERMAL HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well
- INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N J A C 7 10-10 1 et seq
- IRRIGATION SUPPLY - A physical connection control permit may be required pursuant to the provisions of N J A C 7 10-10 1 et seq
- REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment
- IRRIGATION PURPOSES ONLY
- TEST PURPOSES ONLY
- PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N J A C 7 60-8.4(a)(v) are met
- MINIMUM distance requirements as per N J A C 7 10-12.12 have not been met - see attached additional condition(s)
- The well shall be equipped with a totalizing flow meter per N J A C 7 19-2 et seq

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 8-13-97
Signature of Driller: [Signature]
Registration No.: M0804
Signature of Property Owner: [Signature]

COPIES: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
Property Owner: Horance & Norma Hayes
Address: 85 Champion Road
Franklinville, NJ 08322

Name of Facility: Same as above
Address: 

Driller: Andersons Well Drilling
Address: 235 Sycamore Ave.
Atco, NJ 08004

State Atlas Map No.: 31-32792

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

Note: House is only 20' to red prop line, on each side.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 9-16-97

Signature of Driller: 
Registration No.: 980
Signature of Property Owner: 

COPIES: Water Allocation — White  Health Dept. — Yellow  Owner — Blue  Driller — White
A. THE WELL SHALL BE PROVIDED WITH A CASING TO A DEPTH OF 50 FEET OR MORE, AND SAID CASING SHALL EXTEND TO AND BE SEALED INTO A CONFINING LAYER SEPARATING THE AQUIFER FORM THE STRATUM OF SOIL USED FOR SEWAGE DISPOSAL.

OR

B. THE WELL SHALL BE CONSTRUCTED WITH A MINIMUM OF 1500 FEET OF CASING, AND BE PRESSURE GROUTED FROM THE BOTTOM OF THE CASING TO THE SURFACE.
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: Greg W. Call
Address: 916 Porchtown Road
Franklinville, NJ 08322

Driller: South Jersey Well Drilling
Address: 253 N. White Horse Pike
Hampton, NJ 08037

Diameter of Well: 4 inches
Proposed Depth of Well: 100 Feet

Proposed Capacity of Pump: 11 GPM
Method of Drilling: Rotary

Type of Well: Domestic New

Use of Well: Domestic New

Drinking Water Supply?: No

Lot # 4
Block # 3503
Municipality: Franklinville
County: Gloucester

State Atlas Map No. 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 11-12-97

Signature of Driller: [Signature]
Registration No.: [Ed.]

Signature of Property Owner: [Signature]
Owner — Blue
Driller — White

COPIES:
Water Allocation — White
Health Dept. — Yellow

Serial # 12912

Permit No. 315262

Coord #: 31.42.133
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: NJ Bell Telephone Co
Address: 2601 Delsea Dr
Franklinville, NJ

Driller: Callahan Well Drilling
Address: 177A North Ave
West Berlin, NJ 08091

Lot # 8
Block # 3609
Municipality Franklin
County: Glou

Diameter of Well: 4 inches
Proposed Depth of Well: 80 feet
Proposed Capacity of Pump: 20 GPM
Method of Drilling: rotary
Use of Well: NON PUBIC (NPI) Replace EMER
Drinking Water Supply: X yes (see #6 on reverse) no

DISTANCE:

39° 38'
25° 04'
39° 36'

STATE ATLAS MAP NO. 31.32. 795

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 1/9/98
Signature of Driller: THOMAS CALLAHAN
Registration No.: 51106
Signature of Property Owner: ROBERT HALSTEAD

COPIES: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

WELPMT 134 1882
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: Robert & Joan Baer
Address: 1003 Williamstown Rd, Franklinville, NJ 08322
Name of Facility: home

Driller: UNI-TECH DRILLING CO, INC
Address: 601 W. MAIN ST, MALAGA, NJ 08328

Lot #: 8 Block #: 3504 Municipality: Franklin County: Gloucester

State Atlas Map No.: 31

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

LOCATION OF WELL

See reverse side for important provisions and regulations pertaining to this permit. Approval of this permit is made subject to acceptance of and compliance with the following additional conditions:

- DOMESTIC/PUBLIC NON-COMMUNITY NON-PUBLIC Water Supply Wells shall comply with N.J.A.C. 7:10-12.1 et seq.
- PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.
- CLOSED LOOP GEOTHERMAL - see attached conditions.
- OPEN LOOP GEOTHERMAL HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well.
- INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
- IRRIGATION SUPPLY - A physical connection control permit may be required pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
- REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.
- IRRIGATION PURPOSES ONLY - TEST PURPOSES ONLY
- PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.84 (a)(4) are met.
- MINIMUM distance requirements as per N.J.A.C. 7:10-12.12 have not been met - see attached additional condition(s).
- The well shall be equipped with a totalizing flow meter per N.J.A.C. 7:19-2.1 et seq.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 2/24/98
Signature of Driller: [Signature]
Registration No.: [Registration No.]
Signature of Property Owner: [Signature]

Copies:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

EMERGENCY WELL
PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

COORD #: 31-32-793

Property Owner: Mrs Edna Lightfoot
Address: 978 Williamstown Road
Franklinville NJ 08322
Name of Facility: Same as above
Address:

Driller: Andersons Well Drilling
Address: 235 Sycamore Ave
Ateo NJ 08004

Location of Well:

Lot #: 44
Block #: 1
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31-32-793

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 4/13-98
Signature of Driller: [Signature]
Registration No.: 980
Signature of Property Owner: [Signature]

COPIES: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

This Space for Approval Stamp
WELPM1 134 2298
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Permit No. 3153400
COORD #: 31307.97

Property Owner: Hall Joe
Address: 200 Eman rd
Mullica Hill, NJ 08062-

Driller: H.P. WALKER WELL DRILLING
Address: 4 BILLINGSPORT DR
SICKLerville, NJ 08081

Diameter of Well: 4 Inches
Proposed Depth of Well: 150 Feet
Proposed Capacity of Pump: 12 GPM
Method of Drilling: ROTARY (cable-tool, rotary, etc.)
Use of Well (See reverse): DOMESTIC 1
Use Drinking Water Supply?: X yes (see if 6 on reverse)

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

Lot #: 9.02
Block #: 4
Municipality: S. Harrison
County: GLOUCESTER

State Atlas Map No. 31

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 4-15-98
Signature of Driller: [Signature]
Registration No.: 1120
Signature of Property Owner: [Signature]

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Permit No. 5153777
COO: 31.40.133

Property Owner: Greg Call
Address: 916 Portcoun Road
Franklinville, NJ 08322
Name of Facility: Change of Use - Irrigation
Address: 916 Portcoun Road
Franklinville, NJ 08322

Driller: South Jersey Well Drilling
Address: 258 E. N. White Horse Ave.
Hammonton, NJ 08037

Lot #: 4
Block #: 3503
Municipality: Franklinville
County: Gloucester
State Atlas Map No.: 31 (Franklin)

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

Location of Well:

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 5-30-98
Signature of Driller: [Signature]
Registration No.: 2421
Signature of Property Owner: [Signature]

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

PERMIT NO. 3154863

Property Owner: Bob Patterson
Address: 71 Hale Ave, Franklinville, NJ

Driller: Eastern Drilling Co.
Address: 751 Main St, Barnsboro, NJ 08008

Diameter of Wall: 4 inches
Proposed Depth of Wall: 100 feet
Proposed Capacity of Pump: 10 GPM

Use of Well (See Reverse): Domestic Replacement
Drinking Water Supply: Yes (well # 8 on reverse)

COORD #: 31.32.795

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

Lot #: 2
Block #: 4112
Municipality: Franklin
County: Gloucester

State Atlas Map No.: 31

North
West
Victory
South

This Space for Approval Stamp

WELL PERMIT APPROVED
N.J.D.E.P.

N0V 17 1998

BUREAU OF WATER ALLOCATION

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: __________________________

Signature of Driller: ________________
Registration No.: 1060

Signature of Property Owner: ________________

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

WELPMT 137 2717
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

COORD #: 31 - 32 - 79

Property Owner: Ed Grochowski
Address: P.O. Box 383
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

Diameter of Well: 4 inches
Depth of Well: 100 feet

Use of Well (See Reverse): Domestic

Drinking Water Supply?: Yes

Lot #: 8.01
Block #: 4001
Municipality: Franklin
County: Gloucester

State Atlas Map #: 31

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

North

West

212.49'

South

174.17'

East

160'

90'

Fries Mill Road

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 3-4-99
Signature of Property Owner: Zanele Mameka for E. Grochowski
Signature of Driller: [Signature]
Registration No.: 30804

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: Ed Grochowski
Address: P.O. Box 383
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

Diameter of Well: 4 inches
Proposed Depth of Well: 100 feet
Method of Drilling: Rotary

Use of Well (See Reverse): Domestic
Drinking Water Supply: Yes

LOCATION OF WELL

Lot # 8.02  Block # 4001  Municipality Franklin  County Gloucester

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

STATE OF NEW JERSEY: DOMESTIC/PUBLIC NON-COMMUNITY/NON-PUBLIC Water Supply Wells shall comply with N.J.A.C. 7:10-10.1 et seq.
PUBLIC COMMUNITY Water Supply Wells shall obtain construction and operation permits from the Bureau of Safe Drinking Water in accordance with N.J.A.C. 7:10-11.1 et seq.

CLOSED LOOP GEOTHERMAL - see attached conditions.
OPEN LOOP GEOTHERMAL, HEAT PUMP WELLS - Wells must be a minimum of 50 feet apart and the water must be returned to the same aquifer as the production well.
INDUSTRIAL SUPPLY - A physical connection control permit shall be obtained pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
IRRIGATION SUPPLY - A physical connection control permit may be required pursuant to the provisions of N.J.A.C. 7:10-10.1 et seq.
REPLACEMENT WELL - Existing well must be sealed by a certified New Jersey licensed well driller upon abandonment.
IRRIGATION PURPOSES ONLY  TEST PURPOSES ONLY
PINELANDS - Well must be drilled and cased to a minimum depth of 100' unless the provisions of N.J.A.C. 7:50-6.84 (a)(4) are met.
MINIMUM distance requirements as per N.J.A.C. 7:10-12.12 have not been met - see attached additional condition(s).

IN COMPLIANCE WITH N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 3-5-99
Signature of Driller:
Signature of Property Owner:

COPIES:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
**STATE OF NEW JERSEY**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**TRENTON, NJ**

**PERMIT TO DRILL WELL**

**VALID ONLY AFTER APPROVAL BY THE D.E.P.**

**COORD #:** 31 32 7.93

**Lot #**: 08.03  
**Block #:** 4001  
**Municipality:** Franklin  
**County:** Gloucester

**Property Owner**: Ed Grochowski  
**Address**: P.O. Box 383  
**Franklinville, NJ 08322**

**Driller**: Uni-Tech Drilling Co., Inc.  
**Address**: 601 West Main Street  
**Malaga, NJ 08328**

<table>
<thead>
<tr>
<th>Diameter of Well</th>
<th>Depth of Well</th>
<th>Proposed Capacity of Pump</th>
<th>Method of Drilling</th>
<th>Use of Well (See Reverse)</th>
<th>Drinking Water Supply?</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 inches</td>
<td>100 feet</td>
<td>12 GPM</td>
<td>Rotary</td>
<td>Domestic</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**LOCATION OF WELL**

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

**State Atlas Map No.**: 31

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

**Date**: 3-5-99  
**Signature of Driller**:  
**Signature of Property Owner**:  
**Registration No.**: M0804  
**Owner — Blue**  
**Driller — White**

**WELPERMIT APPROVED N.J.D.E.P.**

**MAR 11 1999**

**BUREAU OF WATER ALLOCATION**

**COPIES:**  
Water Allocation — White  
Health Dept. — Yellow  
Owner — Blue  
Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner
Ed Grochowski
P.O. Box 383
Franklinville, NJ 08322

Driller
Uni-Tech Drilling Co., Inc.
601 West Main Street
Malaga, NJ 08328

Name of Facility
Same
Address
Joshua Court
Franklin Twp., NJ

Diameter of Well
4 inches
Proposed Depth of Well
100 Feet

Proposed Capacity of Pump
12 GPM
Method of Drilling
Rotary (cable-tool, Rossy, etc.)

Use of Well (See Reverse)
Domestic

Drinking Water Supply
Yes (see #8 on reverse)

Lot 
8.04
Block 
4001
Municipality 
Franklin
County 
Gloucester

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

This Space for Approval Stamp
WELL PERMIT APPROVED
NJ D.E.P.

Date
3-5-99
Signature of Driller
William A. Jepsen
Registration No.
M0804

Signature of Property Owner
Jannine Menzie for E. Grochowski

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Copies:
Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: Ed Grochowski
Address: P.O. Box 383
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

NAME OF FACILITY: Same

ADDRESS: Joshua Court
Franklin Twp., NJ

LOCATION OF WELL

Lot #: 8.05
Block #: 4001
 Municipality: Franklin
 County: Gloucester

State Atlas Map No.: 31

Diameter of Well: 4 inches
Proposed Depth of Well: 100 feet

Proposed Capacity of Pump: 12 gpm
Method of Drilling: Rotary
Use of Well: Domestic
Drinking Water Supply: Yes

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 3-5-99
Signature of Driller: William A. Foster
Registration No.: M0804

Signature of Property Owner: Jeanne M. Grochowski

COPIES: Water Allocation — White Health Dept. — Yellow Owner — Blue Driller — White
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

COORD #: 31 32 793

Property Owner: Ed Grochowski
Address: P.O. Box 383
Franklinville, NJ 08322

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

Diameter of Well: 4 inches
Proposed Depth of Well: 100 Feet
Proposed Capacity of Pump: 12 GPM
Method of Drilling: Rotary
Use of Well (See Reverse): Domestic
Drinking Water Supply? Yes

LOCATION OF WELL

Lot # 8.06
Block # 4001
Municipality: Franklin
County: Gloucester

Draw sketch showing distance and location of well site to
nearest public roads, streets, components of the
nearest sewage disposal system, etc.

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 3-5-99
Signature of Driller: William J. Festa
Registration No.: M0804
Signature of Property Owner: Janine Mariad for E. Grochowski

Copies: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White

WELPM1401983
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
TRENTON, NJ

PERMIT TO DRILL WELL

VALID ONLY AFTER APPROVAL BY THE D.E.P.

Property Owner: Ed Grochowski
Address: P.O. Box 383
Franklinville, NJ 08322

Name of Facility: Same
Address: Joshua Court
Franklin Twp., NJ

Driller: Uni-Tech Drilling Co., Inc.
Address: 601 West Main Street
Malaga, NJ 08328

Diameter of Well: 4 inches
Proposed Depth of Well: 100 feet
Proposed Capacity of Pump: 12 gpm
Method of Drilling: Rotary
Use of Well: Domestic
Drinking Water Supply: Yes

LOT # 8.07 Block # 4001 Municipality: Franklin County: Gloucester

State Atlas Map No.: 31

LOCATION OF WELL

Draw sketch showing distance and location of well site to nearest public roads, streets, components of the nearest sewage disposal system, etc.

This Space for Approval Stamp

In compliance with N.J.S.A. 58:4A-14, application is made for a permit to drill a well as described above.

Date: 3-5-99
Signature of Driller: Allan H. Jett
Registration No.: M0804

Signature of Property Owner: Zmarina M. Grochowski

COPIES: Water Allocation — White
Health Dept. — Yellow
Owner — Blue
Driller — White
New Jersey Department of Environmental Protection
Bureau of Water Allocation

**WELL RECORD**

**Owner:** JIM SULLIVAN REAL ESTATE
**Address:** 1931 DELSRA DRIVE (ROUTE 47)
**City:** FRANKLIN TWP
**State:** NJ
**Zip Code:**

**WELL LOCATION ADDRESS:** 1931 DELSRA DRIVE (ROUTE 47)
**County:** Gloucester
**Municipality:** Franklin Twp
**Lot No.:** 6
**Block No.:** 4100

**WELL USE:** NON PUBLIC

**DATE WELL STARTED:** 8/14/97
**DATE WELL COMPLETED:** 8/14/97

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/inner casing</td>
<td>+2 90 4</td>
<td>PVC</td>
<td>Sch 40</td>
<td></td>
</tr>
<tr>
<td>Middle casing (for triple capped wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open hole or screen (No. Used: 020)</td>
<td>90 100 4</td>
<td>PVC</td>
<td>Sch 40</td>
<td></td>
</tr>
<tr>
<td>Blank casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel pack</td>
<td>85 100</td>
<td>#1 Mari</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0 85</td>
<td>Neat Cement Bentonite 250 lbs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

**Test Date:** 8/14/97
**Static Water Level:** 25 ft. below land surface
**Water Level Measured Using:** M-Scop

**Pumping Water Level:** 25 ft. below land surface

**Well Was Pumped Using:** Airlift

**Well Yield:** 25 gpm

**If Pump Tested:** Discharge Rate 25 gpm

**Duration of Test:** hours

**PERMANENT PUMPING EQUIPMENT**

Installed by **Uni-Tech**
**Reg. No.:** JD13760

**Pump Type:** Submersible

**Depth of Pump below land surface:** 55 ft.

**Capacity:** 25 gpm

**Horsepower:** 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company:** **UNI-TECH DRILLING**

**Well Driller (Print):** George Edwards

**Driller’s Signature:**

**Registration No.:** JD13760 **Date:** 9/5/97

**Grouting Method:** Pressure Tremie

**Drilling Method:** Rotary

**GEOLOGIC LOG**

Note each depth where water was encountered in consolidated formations.

- **0-23:** MF Orange Sand
- **23-47:** CMF Sand
- **47-55:** White Clay
- **55-73:** MF Tan Sand
- **73-100:** CMF Tan Sand

**COPIES:** White - DEP - Canary - Driller Pink - Owner Goldenrod - Health Dept.
New Jersey Department of Environmental Protection  
Bureau of Water Allocation

**WELL RECORD**

**OWNER**  
HAYES, HORANCE & NORMA

**Address**  
85 CHAMPTON RD.

City  
FRANKLINVILLE  
State  
NJ  
Zip Code  
08322

**WELL LOCATION ADDRESS**  
85 CHAMPTON RD.

**Owner's Well No.**  
31-52299

**County**  
GLoucester  
Municipality  
FRANKLIN TWP  
Lot No.  
11  
Block No.  
4116

**WELL USE**  
DOMESTIC REPLACEMENT

**DATE WELL STARTED**  
9 / 22 / 97

**DATE WELL COMPLETED**  
9 / 22 / 97

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Note: Measure all depths</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (Inches)</th>
<th>Material</th>
<th>Wgt/Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>90</td>
<td>100</td>
<td>#2 Well Gravel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grout  
3  
90  
Neat Cement  
Bentonite  
280  
lbs

**RECORD OF TEST**

Test Date  
9 / 22 / 97

Static Water Level  
20  
ft. below land surface

Water Level Measured Using  
tape

Pumping Water Level  
20  
ft. below land surface

Well Was Pumped Using  
air

Well Yield  
50  
GPM

If Pump Tested: Discharge Rate  
N/A  
gpm

Duration of Test  
N/A  
hours

**PERMANENT PUMPING EQUIPMENT**

Installed by  
Tom Le Sage  
Reg. No.  
1072

Pump Type  
Shallow Well Jet

Depth of Pump below land surface  
0  
ft.

Capacity  
12  
gpm  
Horsepower  
3

**GEOLOGIC LOG**

Note each depth where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth Range</th>
<th>Description of Formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td>Orange Coarse Sand</td>
</tr>
<tr>
<td>10-20</td>
<td>Orange Very Coarse Sand</td>
</tr>
<tr>
<td>20-30</td>
<td>Same</td>
</tr>
<tr>
<td>30-40</td>
<td>White Clay</td>
</tr>
<tr>
<td>40-60</td>
<td>Med to Fine Light Orange Sand</td>
</tr>
<tr>
<td>60-70</td>
<td>Coarse Yellow Sand</td>
</tr>
<tr>
<td>70-75</td>
<td>Soft Orange Clay</td>
</tr>
<tr>
<td>75-83</td>
<td>Fine Yellow Sand</td>
</tr>
<tr>
<td>83-86</td>
<td>Fine Yellow Sand</td>
</tr>
<tr>
<td>86-90</td>
<td>Fine to Med Yellow Sand</td>
</tr>
<tr>
<td>90-100</td>
<td>Med Coarse Yellow Sand</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company  
ANDERSON'S WELL DRILLING

Well Driller (Print)  
Steven Carroll Supervised

Driller's Signature  
Ronald K. Anderson

Registration No.  
980  
Date  
10 / 16 / 97

COPYIES:  
White - DEP  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Owner: CALL, GREG W
Address: 916 PORCHTOWN RD
City: FRANKLINVILLE
County: GLOUCESTER
Municipality: FRANKLIN TWP

WELL LOCATION ADDRESS: 916 PORCHTOWN RD

DATE WELL STARTED: 4/25/98
DATE WELL COMPLETED: 4/25/98

WELL USE: DOMESTIC

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (Inches)</th>
<th>Material</th>
<th>Wgt/Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1.5</td>
<td>75</td>
<td>4</td>
<td>PVC</td>
<td>Plastic Sch 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>73</td>
<td>85</td>
<td></td>
<td>#2 Moire</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>73</td>
<td></td>
<td>Neat Cement</td>
<td>Bentonite</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date: 4/25/98
Static Water Level: 5 ft. below land surface
Water Level Measured Using: calipers
Pumping Water Level: 5 ft. below land surface
Well Was Pumped Using: gpm
Well Yield: gpm
If Pump Tested: Discharge Rate: gpm
Duration of Test: hours

PERMANENT PUMPING EQUIPMENT

Installed by: SOUTH JERSEY WELL DRILLING
Reg. No.
Pump Type
Depth of Pump below land surface: ft.
Capacity: gpm
Horsepower:

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: SOUTH JERSEY WELL DRILLING
Well Driller (Print): Domenick Ventreco
Driller's Signature: 4/29/98
Registration No.

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.
0-40 White clay + fine sand
40-100 Solid gray clay
100-85 Tired to fine reddish brown sand
New Jersey Department of Environmental Protection
Bureau of Water Allocation

**WELL RECORD**

**OWNER**
NJ BELL TELEPHONE CO.

**Address**
2601 DELSEA DR.

**City**
FRANKLINVILLE

**State**
NJ

**Zip Code**

**WELL LOCATION ADDRESS**
2601 DELSEA DR.

**County**
GLOUCESTER

**Municipality**
FRANKLIN THE

**Lot No.**

**Block No.**

**WELL USE**
NON PUBLIC

**DATE WELL STARTED** 1/14/98

**DATE WELL COMPLETED** 1/14/98

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Item</th>
<th>Depth (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td>Sch 40</td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td>Sch 40</td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>90</td>
<td>100</td>
<td></td>
<td>Bar Sand</td>
</tr>
<tr>
<td>Grout</td>
<td>4</td>
<td>90</td>
<td></td>
<td>Cement</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Bentonite</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

| Test Date    | 1/15/98 |
| Static Water Level | 10 ft. below land surface |
| Water Level Measured Using | tape |
| Pumping Water Level | 20 ft. below land surface |
| Well Was Pumped Using | airlift |
| Well Yield | 50 gpm |
| If Pump Tested: Discharge Rate | 25 gpm |
| Duration of Test | 1 hours |

**PERMANENT PUMPING EQUIPMENT**

Installed by Callahan Well Drilling, Reg. No. J-1106

**Pump Type**
submersible

Depth of Pump below land surface 50 ft.

Capacity 25 gpm Horsepower 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
THOMAS CALLAHAN WELL

Well Driller (Print) Callahan Well Drilling

Driller's Signature

Registration No. J-1106 Date 2/6/98

Grouting Method pressure thru tremie

Drilling Method rotary

**GEOLOGIC LOG**

<table>
<thead>
<tr>
<th>Depth Below Land Surface</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>top soil</td>
</tr>
<tr>
<td>2-6</td>
<td>yellow sand</td>
</tr>
<tr>
<td>6-22</td>
<td>berm sand/clay/med stones</td>
</tr>
<tr>
<td>22-50</td>
<td>yellow sand/clay</td>
</tr>
<tr>
<td>50-75</td>
<td>yellow clay</td>
</tr>
<tr>
<td>75-80</td>
<td>fine yellow sand</td>
</tr>
<tr>
<td>80-100</td>
<td>coarse yellow sand</td>
</tr>
</tbody>
</table>

Copies: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

WELREC 129 2467
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 - 53147

Atlas Sheet Coordinates
31 - 32 - 795

OWNER BARB, ROBERT & JOAN
Address 1003 WILLIAMSTOWN RD
City FRANKLINVILLE
State NJ
Zip Code

WELL LOCATION ADDRESS 1003 WILLIAMSTOWN RD
County GLOUCESTER
Municipality FRANKLIN TWP
Lot No. 8
Block No. 3504

WELL USE DOMESTIC REPLACEMENT
DATE WELL STARTED 5/16/98
DATE WELL COMPLETED 5/16/98

WELL CONSTRUCTION
Total Depth Drilled 100 ft.
Finished Well Depth 95 ft.

Borehole Diameter:
Top 8 in.
Bottom 8 in.

Well Casing Begins:
1.5 ft. above grade or
Blank Casings (No. Used)

Note: Measure all depths from land surface
Depth to Top (ft.)
Depth to Bottom (ft.)
Diameter (Inches)
Material Wgt./Rating (lbs/eq. ft.)

<table>
<thead>
<tr>
<th>Depth</th>
<th>Single/Inner Casing</th>
<th>Middle Casing</th>
<th>Outer Casing (largest diameter)</th>
<th>Open Hole or Screen (No. Used)</th>
<th>Blank Casings (No. Used)</th>
<th>Tail Piece</th>
<th>Gravel Pack</th>
<th>Grout</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td>80</td>
<td>4</td>
<td></td>
<td></td>
<td>95</td>
<td>100</td>
<td>3</td>
</tr>
</tbody>
</table>

RECORD OF TEST N/A
Test Date 1/1/
Static Water Level 13 ft. below land surface
Water Level Measured Using Tape
Pumping Water Level 13 ft. below land surface
Well Was Pumped Using
Well Yield gpm
If Pump Tested: Discharge Rate gpm
Duration of Test hours

PERMANENT PUMPING EQUIPMENT
Installed by Joseph Jester Reg. No. JD 1399
Pump Type Submersible
Depth of Pump below land surface 45 ft.
Capacity 25 gpm Horsepower 1

Grouting Method Tremie
Drilling Method Mud Rotary

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations.

-1-4' Top soil
4-15' Orange C-H-F sand & gravel
15-40' Tan C-H-F sand
40-49' Tan & white clay
49-95' Tan C-H-F sand
95-100' Gray clay

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company UNI-TECH DRILLING
Well Driller (Print) Joseph Jester
Driller's Signature
Registration No. JD 1399 Date 7/31/98

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number 31-53347
Atlas Sheet Coordinates 31:32:793

OWNER LIGHTFOOT, EDNA
Address 978 WILLIAMSTOWN ROAD
FRANKLINVILLE
City State NJ Zip Code 08322

WELL LOCATION ADDRESS 978 WILLIAMSTOWN ROAD
GLOUCESTER Municipality FRANKLIN TWP Lot No. 1
County Block No. 4106

WELL USE DOMESTIC REPLACEMENT
DATE WELL STARTED 4/14/98
DATE WELL COMPLETED 4/14/98

WELL CONSTRUCTION

Total Depth Drilled 100 ft.
Finished Well Depth 100 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well Casing Begins:
1.5 ft. above grade or
_____ ft. below grade

Note: Measure all depths
from land surface
Depth to
Top (ft.) Depth to
Bottom (ft.) Diameter
(Inches) Material Wgt./Rating
(lbs/sch no.)

<table>
<thead>
<tr>
<th>Depth to</th>
<th>Diameter</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>1.5</td>
<td>90</td>
</tr>
<tr>
<td>Bottom</td>
<td>90</td>
<td>100</td>
</tr>
</tbody>
</table>

Gravel Pack 90 100 #2 Well Gravel
Grout 3 90 Neat Cement
Bentonite 280 lbs

RECORD OF TEST

Test Date 4/14/98
Static Water Level 7 ft. below land surface
Water Level Measured Using tape
Pumping Water Level 7 ft. below land surface
Well Was Pumped Using air
Well Yield 100 gpm
If Pump Tested: Discharge Rate N/A gpm Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by Tom Le SAGE Reg. No. 1072
Pump Type submersible
Depth of Pump below land surface 50 ft.
Capacity 10 gpm Horsepower ½

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSON'S WELL DRILLING
Well Driller (Print) Dan Carter Supervised by Ronald K Anderson
Driller's Signature
Registration No. 980 Date 4/27/98

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-1 Brown Topsoil
1-25 Orange Gravel Rock
25-30 Grey Clay Med Sand
30-35 Orange Coarse Sand
35-50 Orange Med Sand White Clay
50-60 Tan Med Sand
60-95 Tan med to Coarse Sand
95-100 Tan Carse Sand

Grouting Method Pressure Grouted/Tromie Pipe
Drilling Method Rotary

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
WELREC 129 2438
**WELL RECORD**

**OWNER**
HALL, JOE

**Address**
200 EDEN RD.

**City**
MULLICA HILL

**State**
NJ

**Zip Code**

**WELL LOCATION ADDRESS**
HARRISONVILLE RICHWOOD RD

**County**
GLOUCESTER

**Municipality**
SOUTH HARRISON

**Lot No.**
9.02

**Block No.**

**WELL USE**
DOMESTIC

**DATE WELL STARTED**
8/19/98

**DATE WELL COMPLETED**
8/19/98

---

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sq ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1</td>
<td>155</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>155</td>
<td>165</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td>165</td>
<td>170</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>155</td>
<td>170</td>
<td>8</td>
<td>2# 3 MOIRE</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>155</td>
<td>8</td>
<td>Neat Cement</td>
<td>Bentonite</td>
</tr>
</tbody>
</table>

---

### RECORD OF TEST

- **Test Date**: 9/18/98
- **Static Water Level**: 30 ft. below land surface
- **Water Level Measured Using**: M SCOPE
- **Pumping Water Level**: 10 ft. below land surface
- **Well Was Pumped Using**: AIR LIFT
- **Well Yield**: 15 gpm
- **If Pump Tested**: Discharge Rate 15 gpm
- **Duration of Test**: hours

---

### PERMANENT PUMPING EQUIPMENT

- **Installed by**: MICHAEL P. WALKER
- **Reg. No.**: J120
- **Pump Type**: SUB
- **Depth of Pump below land surface**: 50 ft.
- **Capacity**: 15 gpm
- **Horsepower**: 1

---

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company**: MICHAEL P. WALKER

**Well Driller (Print)**: SAME

**Driller’s Signature**: Michael Walker

**Registration No.**: J120 Date 9/18/98

---

### GEOLOGIC LOG

- **0 - 1 TONSOIL**
- **1 - 15 GREEN CLAY**
- **15 - 30 COARSE YEL GRAVEL**
- **30 - 70 BROWN CLAY**
- **70 - 95 LIMESTONE**
- **95 - 135 BLK. SAND & GREEN CLAY**
- **135 - 170 NYT. LAUREL SAND**

---

**COPIES**: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
**WELL RECORD**

**OWNER**
CALL, GREG

**Address**
916 PORCHTOWN ROAD
FRANKLINVILLE, NJ

**City**
FRANKLIN
**State**
**Zip Code**

**WELL LOCATION ADDRESS**

**County**
**Municipality**

**WELL USE**
IRRIGATION

**DATE WELL STARTED**

**DATE WELL COMPLETED**

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rate (lbs/sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>0</td>
<td>55</td>
<td>2</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>55</td>
<td>60</td>
<td>2</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>Neat Cement</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bentonite</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

**Test Date**

**Static Water Level** 5 ft. below land surface

**Water Level Measured Using**

**Pumping Water Level** 20 ft. below land surface

**Well Was Pumped Using** Jet Pump

**Well Yield** 10 gpm

**If Pump Tested:** Discharge Rate 10 gpm

**Duration of Test** hours

**PERMANENT PUMPING EQUIPMENT**

**Installed by**

**Reg. No.**

**Pump Type**

**Depth of Pump below land surface** ft.

**Capacity** gpm

**Horsepower**

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company** SOUTH JERSEY WELL DRILLING

**Well Driller (Print)**

**Driller's Signature**

**Registration No.** 1233 Date 7/14/98

**GEOLOGIC LOG**

Note each depth where water was encountered in consolidated formations.

**None**

**COPIES:** White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number 31-54663
Atlas Sheet Coordinates 31-32-795

OWNER
PATTerson, Bob
Address 71 HALC AVE.
City FRANKLINVILLE State NJ

WELL LOCATION ADDRESS 71 HALC AVE.
County GLOUCESTER Municipality FRANKLIN TWP
Lot No. 2 Block No. 4112

WELL USE DOMESTIC REPLACEMENT
DATE WELL STARTED 11/21/96
DATE WELL COMPLETED 11/27/96

WELL CONSTRUCTION
Total Depth Drilled 75 ft.
Finished Well Depth 74 ft.
Borehole Diameter:
Top 8 in.
Bottom 8 in.
Well Casing Begins:
1 ft. above grade or
1 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Material</th>
<th>Diameter (Inches)</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC</td>
<td>4</td>
<td>61</td>
<td>47</td>
</tr>
<tr>
<td>PVC 020</td>
<td>4</td>
<td>64</td>
<td>74</td>
</tr>
<tr>
<td>#1</td>
<td>4</td>
<td>54</td>
<td>74</td>
</tr>
<tr>
<td>Neat Cement Bentonite</td>
<td>150 lbs</td>
<td>0</td>
<td>54</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date 11/22/96
Static Water Level 10 ft. below land surface
Water Level Measured Using Mixage
Pumping Water Level 15 ft. below land surface
Well Was Pumped Using Auto
Well Yield 10 gpm
If Pump Tested: Discharge Rate 10 gpm
Duration of Test 15 hours

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations.
0-1 Tap Soil
1-13 Medium Sand
13-42 Medium Sand
36-40 Clay
40-13 Opt. Fine Sand

PERMANENT PUMPING EQUIPMENT
Installed by: Cyril Kline - Reg. No. 1060
Pump Type: 12 hp
Depth of Pump below land surface 40 ft.
Capacity 10 gpm Horsepower 1.5

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: EASTERN TELG - CHARLES KRAMER
Well Driller (Print): Cyril Kline
Driller's Signature: Cyril Kline
Registration No. 1060 Date 12/8/96

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
WELL RECORD

1. OWNER
AYRES, MONTE

Owner's Well No.

ADDRESS
RD #2, BOX 7, S. DELSEA DRIVE

SURFACE ELEVATION
Feet

(Above mean sea level)

COORD:
33-11793
31.32794

2. LOCATION

DATE COMPLETED
4/28/83

DRILLER
VANCE SKINNER

3. DIAMETER:
Top 7 7/8 inches Bottom 7 7/8 inches TOTAL DEPTH 140 Feet

4. CASING:
Type PVC (sch. 40) Diameter 4 inches Length 130 Feet

5. SCREEN:
Type PVC Size of Opening .020 Diameter 4 inches Length 10 Feet

Range in Depth

{ Top 130 Feet
{ Bottom 140 Feet

Geologic Formation COHANSEY

Tail Piece: Diameter _______ Inches Length _______ Feet

6. WELL FLOWS NATURALLY N/A Gallons per minute at _______ Feet above surface

Water rises to _______ Feet above surface

7. RECORD OF TEST:
Date N/A Yield _______ Gallons per minute

Static water level before pumping _______ Feet below surface

Pumping level _______ feet below surface after _______ hours pumping

Drawdown _______ Feet Specific Capacity _______ Gals. per min. per ft. of drawdown

How pumped __________________________ How measured __________________________

Observed effect on nearby wells __________________________

8. PERMANENT PUMPING EQUIPMENT:

Type Hooked up to existing system Mfrs. Name __________________________

Capacity _______ G.P.M. How Driven _______ H.P. _______ R.P.M. _______

Depth of Pump in well _______ Feet Depth of Footpiece in well _______ Feet

Depth of Air Line in well _______ Feet Type of Meter on Pump _______ Size _______ Inches

9. USED FOR Residential - replacement AMOUNT

{ Average _______ Gallons Daily
{ Maximum _______ Gallons Daily

10. QUALITY OF WATER N/A Sample: Yes X No

Taste _______ Odor _______ Color _______ Temp. _______ 0F.

11. LOG On back

(Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)

SOURCE OF DATA
VANCE SKINNER CO. INC. WELL RECORDS

12. DATA OBTAINED BY
WM. V. SKINNER

Date 5/2/83

(NO{}TE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
0 ft. to 27 ft.  Topsoil - Gravel - Orange or pale yellowish orange, fine to pebble size, quartzose little to some feldspar, stained grains sub-angular to rounded. Orange clay matrix.

27 ft. to 30 ft.  More clayey w/stripes white clay.

30 ft. to 35 ft.  Intercalated thin clayey seams

35 ft. to 70 ft.  Sand - pale yellowish orange, very fine to fine grain uniform quartzose-subangular trace of yellow clay. Grading, very fine grained at 65 ft, grading, non-uniform fine to coarse grain.

70 ft. to 107 ft.  Grading, clayey & very fine to med. grained.

107 ft. to 112 ft.  Clay - white - little orange.

112 ft. to 116 ft.  Clay-sand.

116 ft. to 120 ft.  Gray - fat to silty.

120 ft. to 133 ft.  Sand - yellowish orange med. to coarse gr. granular quartzose stained grains sub-angular, grading med. grain plae grayish orange, grading.

133 ft. to 140 ft.  Fine Gravel - Yellowish orange to pale yellowish orange, fine to granule size. Qtzose - minor to little feldspar sub-angular stained grains.

SET WELL AT 140 FT.

3/17/79

31, 32, 794

MAY 3 3 1083
WELL RECORD

Owner: HOLLOWAY, DAVID B.  
Address: 596 CLAYTON RD.  
Owner's Well No.: 31-20930  
Location: Lot: 1E  Block: 97C  Municipality: Franklin Twp.  
Date Completed:  
Driller: Ruggiano Well Drilling  
Diameter: Top 4 inches  Bottom 4 inches  
Total Depth: 124 feet  
Casing: Type SHELTON PLASTIC  
Size of Opening: 600  
Screen: Type PLASTIC  
Size of Opening: 4 inches  
Length: 114 feet  
Range in Depth:  
Geologic Formation: GRAVEL SAND CLAY STONE SAND  
Tail Piece: Diameter  
Length:  
Wells FLOWS NATURALLY:  
Gallons per minute at:  
Water rises to:  
Feet above surface  
Record of Test:  
Date:  
Yield:  
Gallons per minute  
Static water level before pumping:  
Feet below surface  
Pumping level:  
Feet below surface after:  
Hours pumping  
Drawdown:  
Feet  
Specific Capacity:  
Gals. per min. per ft. of drawdown  
How pumped:  
How measured:  
Permanent Pumping Equipment:  
Type: JET SUB PUMP  
Mfrs. Name: MYERS  
Capacity: 12 G.P.M.  
How Driven: ELECTRIC  
H.P.: 1  
R.P.M.: 4200  
Depth of Pump in well: 60 feet  
Depth of Footpiece in well:  
Feet  
Depth of Air Line in well:  
Feet  
Type of Meter on Pump:  
Size:  
Used For: COMMERCIAL - (OFFICES TWO)  
Amount:  
Average SDD:  
Gallons Daily  
Maximum SDD:  
Gallons Daily  
Quality of Water:  Good  
Sample: Yes  No  
Taste: Good  
Odor: No  
Color: CLEAR  
Temp.:  
OF.  
Log:  
Are samples available? YES  
Source of Data: GLOUCESTER CO-DM BUILDERS  
Data Obtained by: QUALITY CONTROL  
Date: 9/84

(Note: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
WELL RECORD

1. OWNER PROGRESSIVE FUEL CO., INC. ADDRESS BOX 278, S. DELSEA DR.
   Owner's Well No. ___________________ SURFACE ELEVATION ___________________ Feet
   (Above mean sea level)

   3/22/84
   31.32.795

3. DATE COMPLETED 3/14/85 DRILLER D'Agostino Well Drilling

4. DIAMETER: Top 8 inches Bottom 8 inches TOTAL DEPTH 95 Feet
   PVC

5. CASING: Type _______________ Diameter 4 Inches Length 85 Feet
   PVC

6. SCREEN: Type _______________ Size of Opening slot Diameter 3 Inches Length 10 Feet
   Range in Depth
   Top ___________________ Feet
   Bottom ___________________ Feet
   Geologic Formation ___________________
   Tail Piece: Diameter ____________ Inches Length ____________ Feet

7. WELL FLOWS NATURALLY ______ Gallons per minute at ________________ Feet above surface
   Water rises to ________________ Feet above surface

8. RECORD OF TEST: Date __________ Yield __________ Gallons per minute
   Did Not Test
   Static water level before pumping __________ Feet below surface
   Pumping level __________ feet below surface after __________ hours pumping
   Drawdown __________ Feet Specific Capacity __________ Gals. per min. per ft. of drawdown
   How pumped __________ How measured __________
   Observed effect on nearby wells ________________

9. PERMANENT PUMPING EQUIPMENT:
   Type __________ Submersible Mfr. Name __________ Jacuzzi
   Capacity __________ G.P.M. How Driven __________ electric H.P. __________ R.P.M. __________
   Depth of Pump in well __________ Feet Depth of Footpiece in well __________ Feet
   Depth of Air Line in well __________ Feet Type of Meter on Pump __________ Size __________ Inches

10. USED FOR ________ Domestic ________ AMOUNT
    { Average __________ Gallons Daily
        Maximum __________ Gallons Daily

11. QUALITY OF WATER ________ Good ________ Sample: Yes ________ No ________
    Taste ________ Good Odor: ________ Color: ________ Temp. ________ °F.

12. LOG ________ Are samples available? ________
    (Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)

13. SOURCE OF DATA __________ D'Agostino Well Drilling, Inc.

14. DATA OBTAINED BY ___________________ Date ___________________

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated,
 analysis of the water, sketch map, sketch of special casing arrangements, etc.)
### LOG OF OVERTURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

<table>
<thead>
<tr>
<th>MOST COMMON MATERIAL</th>
<th>OTHER MATERIALS</th>
<th>GENERAL COLOR</th>
<th>GENERAL DESCRIPTION</th>
<th>DEPTH - FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay</td>
<td>Lithic</td>
<td>Reddish</td>
<td>Peaked</td>
<td>0' - 5'</td>
</tr>
<tr>
<td>Sand</td>
<td>D Brown</td>
<td>Medium to Fine</td>
<td></td>
<td>5' - 20'</td>
</tr>
<tr>
<td>Sand</td>
<td>BROWN</td>
<td>Medium to Fine</td>
<td></td>
<td>20' - 40'</td>
</tr>
<tr>
<td>Sand</td>
<td>BROWN</td>
<td>Medium to Fine</td>
<td></td>
<td>40' - 60'</td>
</tr>
<tr>
<td>Clay</td>
<td>Fine Sand</td>
<td>Black</td>
<td>Stoney to Fine</td>
<td>60' - 75'</td>
</tr>
<tr>
<td>Sand</td>
<td>Medium to Fine</td>
<td></td>
<td></td>
<td>75' - 85'</td>
</tr>
<tr>
<td>Sand</td>
<td>BROWN</td>
<td>Medium to Fine</td>
<td></td>
<td>85' - 95'</td>
</tr>
<tr>
<td>Sand</td>
<td>Brown</td>
<td></td>
<td></td>
<td>95' - 105'</td>
</tr>
</tbody>
</table>

Distance out from building **15** Ft.
Distance offset right **___** Ft. Left **___** Ft. from sides of building
Well Depth **95'** Casing diameter **4''** Screen Length **10'**
Static level **11''**
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Owner: Douglas Builders

Owner's Well No. #1

ADDRESS: 61 Box 1714 Franklinville, N.J.

COORD: 31-32-794

PERMIT NO.: 31-22868

APPLICATION NO.: 31.32.794

COUNTY: Gloucester

DATE COMPLETED: 4-26-85 DRILLER: Jim Messiano, Inc.

DIAMETER: Top 6 inches Bottom 6 inches TOTAL DEPTH: 60 Feet

CASING: Type F480-PVC Diameter: 2 Inches Length: 55 Feet

SCREEN: Type PVC Size of Opening #20 Diameter: 2 Inches Length: 5 Feet

Range in Depth: 

Top: 55 Feet

Bottom: 60 Feet

Geologic Formation: Cohunsey

WELL FLOWS NATURALLY: Gallons per minute at feet above surface

WATER RISES TO: Feet above surface

RECORD OF TEST: Date: Yield: Gallons per minute

Static water level before pumping: 11(?) Feet below surface

Pumping level... feet below surface after... hours pumping

Drawdown: Feet Specific Capacity: Gals. per min. per ft. of drawdown

How pumped: How measured:

PERMANENT PUMPING EQUIPMENT:

Type: Jet Mfrs. Name: Myers

Capacity: 10 G.P.M. How Driven: Electric H.P.: 1/2 R.P.M.: 3450

Depth of Pump in well: Feet Depth of Footpiece in well: 40 Feet

Depth of Air Line in well: Feet Type of Meter on Pump: Size: Inches

USED FOR: Domestic / Drinking AMOUNT

AVERAGE: 375 Gallons Daily

MAXIMUM: 625 Gallons Daily

QUALITY OF WATER: Good Sample: Yes XXX No

Taste: Odor: Color: Tamp: 0 F.

LOG: (Use details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)

SOURCE OF DATA: James Messiano Lic. #1078

DATA OBTAINED BY: James C. Messiano Date: 8-21-83

(Note: Use other side of this sheet for additional information such as log of materials penetrated,

analysis of water, sketch map, sketch of special casing arrangements, etc.)
WELL RECORD

Well Permit No. 31 2284

31 32 754

DEP USE ONLY

Storl Hydrogeo Code

USGS Hydrogeo Code

Depth to Bedrock _______ ft.

Bedrock Lith. Code _______

Bedrock Fm. Code _______

Completed by __________________________

Date _______ / _______ / _______

Thick. _______ _______ _______

Lith. _______ _______ _______

Fm. _______ _______ _______

LOG

0-25 Course Sands with Clay lenses

25-40 Medium to fine Sands with traces of clays

40-60 Course - medium-fine Sands

WPI No. __________

NJPDES No. _______

Latitude _______ _______ _______

Longitude _______ _______ _______

Lat. Long Accuracy _______ _______

WGS Quadrangle _______

Imagery Basin Code _______

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test
□ Geophysical Logs □ Water Chemistry □ Water Level Data
□ Pollution Case

Certified by __________________________

Date _______ / _______ / _______

66, 11 08 17 PM
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

OWNER: BARRETT
ADDRESS: 3132, BLACKWOODTOWN RD.

Owner's Well No.: 803
Surface Elevation: 110' Feet


DATE COMPLETED: 11/26/84 DRILLER: Dechamps Well Drilling

DIAMETER: Top 4 inches Bottom 4 inches TOTAL DEPTH: 91' Feet

CASING: Type: PVC Diameter: 4 inches Length: 81 Feet

SCREEN: Type: st. steel Size of Opening: 60 Diameter: 4 inches Length: 10 Feet

Range in Depth:
Top: ________ Feet Geologic Formation: 
Bottom: ________ Feet

Tail Piece: Diameter: ________ Inches Length: ________ Feet

WELL FLOWS NATURALLY Gallons per minute at ________ Feet above surface

Water rises to ________ Feet above surface

RECORD OF TEST: Date: 11/26/84 Yield: 20 Gallons per minute

Static water level before pumping: 71' Feet below surface

Pumping level: 21' feet below surface after 2 hours pumping

Drawdown: ________ Feet Specific Capacity: ________ Gals. per min. per ft. of drawdown

How pumped: dewatering pump How measured: 5 gal. container

Observed effect on nearby wells: none

PERMANENT PUMPING EQUIPMENT:
Type: submersible Mfrs. Name: Fairbanks Morse

Depth of Pump in well: ________ Feet Depth of Footpiece in well: ________ Feet

Depth of Air Line in well: ________ Feet Type of Meter on Pump: ________ Size: ________

USED FOR: Domestic/replacement AMOUNT:

Average: 600 Gallons Daily

Maximum: 1200 Gallons Daily

QUALITY OF WATER: Good Sample: Yes X No


LOG ATTACHED: Are samples available?

(Specify scale of back of sheet or on separate sheet. If electric log was made, please furnish copy.)

SOURCE OF DATA: Al Pierson M.J. Dechamps, Inc.

DATA OBTAINED BY: Al Pierson M.J. Dechamps, Inc. Date: 11/30/84

NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
SOIL LOG PERMIT #31-2284

Mr. Barrett Blackwoodtown Rd. property Franklin Twp.

0 - 1 ft. Top soil
1 - 4 ft. Sandy yellow clay and stones
4 - 10 ft. Coarse orange sand
10 - 22 ft. Fine to coarse yellow sand and clay chips
22 - 26 ft. Sandy yellow clay
26 - 91 ft. Fine to coarse yellow sand

Static level: 71'
WELL RECORD

OWNER: BOYLE, JOHN & DONNA
ADDRESS: R.D. 1, BOX 1, GREENSBORO RD.

COORD: 3132798

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

PERMIT NO.: 3123533

APPLICATION NO.: 
COUNTY: Gloucester

1. Owner's Well No.: 
SURFACE ELEVATION: (Above mean sea level) Feet

2. LOCATION: Lot: 3 Block: 140 Municipality: Franklin Twp.

3. DATE COMPLETED: 8/16/85 DRILLER: D'Agostino Well Drilling

4. DIAMETER: Top 8 inches Bottom 8 inches TOTAL DEPTH: 92 Feet

5. CASING: Type PVC Diameter: 4 Inches Length: 82 Feet

6. SCREEN: Type PVC Size of Opening: Diameter 3 Inches Length 10 Feet

Range in Depth

<table>
<thead>
<tr>
<th>Top</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom</td>
<td>Feet</td>
</tr>
</tbody>
</table>

Geologic Formation:

Tail Piece: Diameter _______ Inches Length _______ Feet

7. WELL FLOWS NATURALLY _______ Gallons per minute at _______ Feet above surface

Water rises to _______ Feet above surface

8. RECORD OF TEST: Date: DID NOT TEST Yield: _______ Gallons per minute

Static water level before pumping _______ Feet below surface

Pumping level _______ feet below surface after _______ hours pumping

Drawdown _______ Feet Specific Capacity _______ Gals. per min. per ft. of drawdown

How pumped: _______ How measured: _______

Observed effect on nearby wells:

9. PERMANENT PUMPING EQUIPMENT:

Type: Submersible Mfrs. Name: Jacuzzi

Capacity: 12 G.P.M. How Driven: electric H.P.: 1/2 R.P.M.: 3450

Depth of Pump in well: _______ Feet Depth of Footpiece in well: _______ Feet

Depth of Air Line in well: _______ Feet Type of Meter on Pump: _______ Size: _______ Inches

10. USED FOR: Domestic AMOUNT

Average: _______ Gallons Daily

Maximum: _______ Gallons Daily

11. QUALITY OF WATER: Good

Sample: Yes No

Taste: Good Odor: _______ Color: _______ Temp. _______ ⁰F.

12. LOG: Are samples available?

(Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)

13. SOURCE OF DATA: D'Agostino Well Drilling, Inc.

14. DATA OBTAINED BY: _______ Date: _______

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
<table>
<thead>
<tr>
<th>COMMON MATERIAL</th>
<th>OTHER MATERIALS</th>
<th>GENERAL COLOR</th>
<th>GENERAL DESCRIPTION</th>
<th>DEPTH: FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td>Black</td>
<td></td>
<td>0&quot;</td>
<td>8&quot;</td>
</tr>
<tr>
<td>Debris</td>
<td>Reddish</td>
<td></td>
<td>8&quot;</td>
<td>15&quot;</td>
</tr>
<tr>
<td>Sand</td>
<td>White</td>
<td>Multi-Fine</td>
<td>15&quot;</td>
<td>50&quot;</td>
</tr>
<tr>
<td>Sand</td>
<td>Multi-Fine</td>
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<td>30&quot;</td>
<td>55&quot;</td>
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<td>Multi-Fine</td>
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<td>75&quot;</td>
</tr>
<tr>
<td>Sand</td>
<td>Multi-Fine</td>
<td></td>
<td>75&quot;</td>
<td>80&quot;</td>
</tr>
</tbody>
</table>

Distance out from building __50__ Ft.
Distance offset right ____ Ft.  Left ____ Ft. from sides of building
Well Depth __92'__  Casing diameter __4"__  Screen Length __10'__
Static level __25'__
**WELL RECORD**

**OwNER** D & M BUILDERS
**AddRESS** RD 32, BOX 6 DELSEA DR.

**aPPlicaTION NO.**

**cOUNTY** Gloucester

1. **OWNER** D & M BUILDERS
   **ADdRESS** RD 32, BOX 6 DELSEA DR.
   **COORD.** 3132795
   **PERMIT NO.** 3123693


3. **DATE COMPLETED** Sept. 10, 1986 **DRILLER** Frank Fonte

4. **DIAMETER:** Top 4 inches Bottom 4 inches **TOTAL DEPTH** 114 Feet

5. **CAGING:** Type PVC **DIAMETER** 4 Inches **LENGTH** 104 Feet

6. **SCREEN:** Type PVC **SIZE OF OPENING** 15 **COHANSY**
   **LENGTH** 10 Feet
   **GEOLoGy** Form
   **RANGE IN DEPTH**
   **TOP** 20 Feet
   **BOTTOM** 6 Feet

7. **WELL FLOWS NATURALLY** 25 Gallons per minute at 100 Feet above surface
   **WATER RISES TO** 10 Feet above surface

8. **RECORD OF TEST:** Date 9/10/86 **YIELD** 25 Gallons per minute
   **STATIC WATER LEVEL BEFORE PUMPING** 21 Feet below surface
   **PUMPING LEVEL** feet below surface after hours pumping
   **DRAWDOWN** Feet **SPECIFIC CAPACITY** Gals. per min. per ft. of drawdown
   **HOW PUMPED**
   **HOW MEASURED**
   **OBSERVED EFFECT ON NEARBY WELLS**

9. **PERMANENT PUMPING EQUIPMENT:**
   **TYPE** sub** Mfrs. Name goulds
   **CAPACITY** .20 G.P.M. **DRIVEN** electric **H.P.** 1/2 **R.P.M.** 3400
   **DEPTH OF PUMP IN WELL** 45 Feet **DEPTH OF FOOTPIECE IN WELL** Feet
   **DEPTH OF AIR LINE IN WELL** Feet **TYPE OF METER ON PUMP**
   **SIZE** Inches

10. **USED FOR** Commercial **AMOUNT**
    **AVerage** Gallons Daily
    **MAXIMUM** Gallons Daily

11. **QUALITY OF WATER** good **SAMPLE** Yes No
    **Taste** none **Odor** none **Color** clear **Temp.** 57 °F.

12. **LOG** see reverse side
    **ARE SAMPLES AVAILABLE?**

13. **SOURCE OF DATA**
    **DATA OBTAINED BY** Frank Fonte
    **DATE** 10/7/86

(Note: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
4 inch plastic well 114 ft 10 ft 15 slot screen

0 - 50 sand
50 - 100 sand and clay
100 - 114 sand

swl 21 ft

3/23693
3/32.795
WELL RECORD

1. OWNER   PAULIKAS, LEON
            ADDRESS

Owner's Well No.  98
SURFACE ELEVATION  110' Feet
(Above mean sea level)


3. DATE COMPLETED  10/22/85 DRILLER  Dechamps Well Drilling

4. DIAMETER: Top 2 inches Bottom 2 inches TOTAL DEPTH 60 Feet

5. CASING: Type steel Diameter 2 Inches Length 55 Feet

6. SCREEN: Type st. steel Size of Opening 60 Diameter 2 Inches Length 5 Feet

    Range in Depth
    { Top _______________ Feet Geologic Formation ________________________
    Bottom _______________ Feet

    Tail Piece: Diameter _______________ Inches Length _______________ Feet

7. WELL FLOWS NATURALLY _______ Gallons per minute at _______________ Feet above surface

    Water rises to _______________ Feet above surface

8. RECORD OF TEST: Date  10/23/85 Yield ___________ Gallons per minute

    Static water level before pumping  17' Feet below surface

    Pumping level  17' feet below surface after ___________ hours pumping

    Drawdown ___________ Feet Specific Capacity _________ Gals. per min. per ft. of drawdown

    How pumped dewatering pump How measured 5 gal. container

    Observed effect on nearby wells none

9. PERMANENT PUMPING EQUIPMENT: USED CUSTOMER'S PUMP AND TANK

    Type ___________ Mfrs. Name ___________  Hayne

    Capacity  15 G.P.M. How Driven: elec. mtr. H.P. 1/2 R.P.M. 3450

    Depth of Pump in well ___________ Feet Depth of Footpiece in well ___________ Feet

    Depth of Air Line in well ___________ Feet Type of Meter on Pump ___________ Size ___________ Inches

10. USED FOR Domestic/replacement  AMOUNT

    { Average ___________ Gallons Daily

    Maximum ___________ Gallons Daily

11. QUALITY OF WATER Good Sample: Yes X No

    Taste none Odor none Color clear Temp. 55° F.

12. LOG Attached Are samples available? ___________

    (Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)

13. SOURCE OF DATA Al Pierson M.J. Dechamps, Inc.

14. DATA OBTAINED BY Al Pierson M.J. Dechamps, Inc. Date 10/24/85

    (NOTE: Use other side of this sheet for additional information such as log of materials penetrated,
    analysis of the water, sketch map, sketch of special casing arrangements, etc.)
SOIL LOG PERMIT #31-73840

Leon Paulikas  Blackwoodtown Rd.  Franklin Twp.

0 - 10 ft.                Gravel & stones
11 - 16 ft.               Gravel & clay
17 - 30 ft.               Fine wet yellow sand
31 - 36 ft.               White clay
37 - 47 ft.               Coarse orange sand & stones
48 - 68 ft.               Med. to coarse sand & stones

Static level: 17'
**WELL RECORD**

1. **OWNER**  D & M BUILDERS  
   **ADDRESS**  R.D. 2, BOX 6 DELSEA DRIVE
3. **DATE COMPLETED**  July 9, 1987  **DRILLER**  Frank Fonte
4. **DIAMETER:**  Top 3 inches  Bottom 3 inches  **TOTAL DEPTH**  84 Feet
5. **CASING:**  Type 3  Diameter 3 inches  **Length**  74 Feet
6. **SCREEN:**  Type pvc  **Size of Opening**  15
   **Geologic Formation**  cohansy
   **Range in Depth**
   - Top __________ feet
   - Bottom __________ feet
7. **WELL FLOWS NATURALLY**  __________ Gallons per minute at __________ feet above surface
   Water rises to __________ feet above surface
8. **RECORD OF TEST:**  Date 7/9/87  **Yield**  15 Gallons per minute
   Static water level before pumping __________ feet below surface
   Pumping level __________ feet below surface after __________ hours pumping
   Drawdown __________ Feet  **Specific Capacity**  __________ Gals. per min. per ft. of drawdown
   How pumped __________  How measured __________
   Observed effect on nearby wells __________
9. **PERMANENT PUMPING EQUIPMENT:**
   **Type**  jet  **Mfr. Name**  myers
   **Capacity**  10 G.P.M.  **How Driven**  electric  **H.P.**  1/2  **R.P.M.**  3400
   Depth of Pump in well __________ Feet  Depth of Footpiece in well __________ Feet
   Depth of Air Line in well __________ Feet  **Type of Meter on Pump** __________  **Size** __________ inches
10. **USED FOR**  domestic  **AMOUNT**
    - Average __________ Gallons Daily
    - Maximum __________ Gallons Daily
11. **QUALITY OF WATER**  good  
    **Sample:**  Yes  No
    **Taste** none  **Odor** none  **Color** clear  **Temp.** 57 °F.
12. **LOG** see reverse side  
    **Are samples available?**
13. **SOURCE OF DATA**  William Michaelis  **Date**  7/28/87
14. **DATA OBTAINED BY**

*(NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)*
3 inch plastic well 84 ft. deep 10 ft 15 slot screen

0 - 20 gravel
20 - 40 fine sand and clay
40 - 50 clay
50' - 84 sand swl 8 ft

3/24/45
31.32.795

Jul 28 '67
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

COORD: 3132795

WELL RECORD

PERMIT NO. 3124416
APPLICATION NO. Gloucester
COUNTY

1. OWNER D & M BUILDERS
   ADDRESS 3132795 R.D. 2, BOX 6 DELSEA DRIVE
Owner's Well No. 
SURFACE ELEVATION (Above mean sea level) Feet


3. DATE COMPLETED 4/1/81 DRILLER Frank Monte

4. DIAMETER: Top 3 inches Bottom 3 inches TOTAL DEPTH 74 Feet

5. CASING: Type Pipe Diameter 3 inches Length 64 Feet

6. SCREEN: Type Pipe Size of Opening 16 Diameter 5 inches Length 16 Feet
   Range in Depth 
   Top 
   Bottom 
   Geologic Formation Catan
   Tail Piece: Diameter 
   Inches Length 
   Feet

7. WELL FLOWS NATURALLY Gallons per minute at Feet above surface
   Water rises to Feet above surface

8. RECORD OF TEST: Date 4/1/81 Yield 16 Gallons per minute
   Static water level before pumping Feet below surface
   Pumping level feet below surface after hours pumping
   Drawdown Feet Specific Capacity Gals. per min. per ft. of drawdown
   How pumped How measured
   Observed effect on nearby wells

9. PERMANENT PUMPING EQUIPMENT:
   Type Jet Mfrs. Name
   Capacity 10 G.P.M. How Driven Electric H.P. 13 R.P.M. 3400
   Depth of Pump in well Feet Depth of Footpiece in well Feet
   Depth of Air Line in well Feet Type of Meter on Pump Size Inches

10. USED FOR Domestic
    AMOUNT Average Gallons Daily
    Maximum Gallons Daily

11. QUALITY OF WATER Good
    Sample: Yes No
    Taste 
    Odor 
    Color Clear Temp. 57°F.

12. LOG Sensitive Site
    (Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)
    Are samples available?

13. SOURCE OF DATA

14. DATA OBTAINED BY William Michael Date 4/30/81

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated,
analysis of the water, sketch map, sketch of special casing arrangements, etc.)
I took the 91 ft. 12 ft. 18.271, 5 tons.

6 - 30 Sand
5 - 60 Sand + Clay
6 - 74 Sand

Sum: $5/

Mar 29 '67

Page 31244/16
31.32.795
WELL RECORD

1. OWNER: MILAZZO, WILLIAM B.  
   ADDRESS: 739 NO. DELSEA DRIVE

2. LOCATION: Lot: 11A  
   Block: 46A  
   Municipality: Franklin Twp.

3. DATE COMPLETED: 5-29-87  
   DRILLER: Frank Fonte

4. DIAMETER: Top 4 inches  
   Bottom 4 inches  
   TOTAL DEPTH: 76 Feet

5. CASING: Type PVC  
   Diameter: 4 inches  
   Length: 60 Feet

6. SCREEN: Type PVC  
   Size of Opening 15  
   Diameter: 4 inches  
   Length: 10 Feet

   Range in Depth  
   Top ______ Feet  
   Bottom ______ Feet  

   Geologic Formation: Calumey

   Tail Piece: Diameter ______ Inches  
   Length ______ Feet

7. WELL FLOWS NATURALLY ______ Gallons per minute at ______ Feet above surface

   Water rises to ______ Feet above surface

8. RECORD OF TEST: Date 5-29-87  
   Yield: 15 Gallons per minute

   Static water level before pumping ______ Feet below surface

   Pumping level ______ feet below surface after ______ hours pumping

   Drawdown ______ Feet  
   Specific Capacity ______ Gals. per min. per ft. of drawdown

   How pumped ______  
   How measured ______

   Observed effect on nearby wells: None

9. PERMANENT PUMPING EQUIPMENT:

   Type: Sub  
   Mfrs. Name: Myers

   Capacity: 10 G.P.M.  
   How Driven: Electric  
   H.P.: 3/4  
   R.P.M.: 3400

   Depth of Pump in well: 25 Feet  
   Depth of Footpiece in well ______ Feet

   Depth of Air Line in well ______ Feet  
   Type of Meter on Pump ______  
   Size ______ Inches

10. USED FOR: Domestic

11. QUALITY OF WATER

   Sample: Yes ______  
   No ______

   Taste: Good  
   Odor: None  
   Color: Clear  
   Temp. 57°F.

12. LOG

   SU FUTURE USE  
   Are samples available? ______

   (Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)

13. SOURCE OF DATA

14. DATA OBTAINED BY: William Miller

   Date: 6-2-87

   (NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
4" PUC - 70 ft. 10 ft. 15 plat track

0 - 25 Sand

25 - 50 Clay

50 - 70 Dakota

Drill - 2 ft.

Jun 4 '87
WELL RECORD

1. OWNER
   FOX, CHARLES
   3124990
   1334 FRANKLIN STREET
   ADDRESS
   Owner's Well No. 1986 40-5
   SURFACE ELEVATION 110 Feet
   (Above mean sea level)

2. LOCATION
   Lot: 2
   Block: 140
   Municipality: Franklin Twp.

3. DATE COMPLETED
   6/3/86
   DRILLER
   Delsea (George Mayers) OWNER

4. DIAMETER:
   Top 4 inches
   Bottom 4 inches
   TOTAL DEPTH 190 Feet

5. CASING:
   Type PVC
   Diameter 4 Inches
   Length 90 Feet
   Range in Depth
   Top 90 Feet
   Bottom 100 Feet
   Geologic Formation COHANSY

6. SCREEN:
   Type PVC
   Size of Opening 0.01
   Diameter 4 Inches
   Length 10 Feet
   Tail Piece:
   Diameter NONE
   Length

7. WELL FLOWS NATURALLY
   NO Gallons per minute at
   Feet above surface
   Water rises to
   NO Feet above surface

8. RECORD OF TEST:
   Date 6/1/86
   Yield 50+ Gallons per minute
   Static water level before pumping 18'
   Feet below surface
   Pumping level 18' feet below surface after 2 hours pumping
   Drawdown NIL Feet
   Specific Capacity Gals. per min. per ft. of drawdown
   How pumped AIR LIFT
   How measured 5 GAL BUCKET WATCH-SECOND HAND
   Observed effect on nearby wells NONE

9. PERMANENT PUMPING EQUIPMENT:
   Type SUBMERSIBLE
   Mfrs. Name GOULD
   Capacity 10 G.P.M.
   How Driven ELECTRIC
   H.P. 3/4
   R.P.M. 3750
   Depth of Pump in well 60 Feet
   Depth of Footpiece in well NONE Feet
   Depth of Air Line in well NONE Feet
   Type of Meter on Pump NONE
   Size

10. USED FOR
    DOMESTIC
    AMOUNT
    Average 400 Gallons Daily
    Maximum 600 Gallons Daily

11. QUALITY OF WATER
    GOOD
    Sample: Yes
    Taste FAIR
    Odor NONE
    Color CLEAR
    Temp. 57 OF.

12. LOG
    YES
    (Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)
    Are samples available? NO

13. SOURCE OF DATA
    DRILLER

14. DATA OBTAINED BY
    GEORGE MAYERS
    Date 6/3/86

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
0-2  Top soil
2-8  Gravel
8-9  Clay
9-30  Fine sand changing to Med
30-36  Orange clay
36-60  Course sand
60-64  Clay orange
64-84  Fine white sand
84-90  Med - Mixed clay
90-102  Course yellow sand

3/24/990
31.32.795
# Water Analysis

**Ritcheson Medical Laboratory**

744 S. Broadway, Pitman, New Jersey 08071 / (609) 589-6032

**DATA NO.** 548  M 11/01

**CLIENT IDENTIFICATION:** Charles #4

3. Greenbriar Rd

Franklinville

**FAUCET LOCATION:** Outside Spigot Twp. Franklin County Gloucester

**DATE & TIME COLLECTED:** 6/18/86 11:20

**RECEIVED AND LOGGED IN LAB DATE & TIME:** 6/19/86 12:30

---

### Test Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>FHA A.L.</th>
<th>NJDEP MCL**</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH</td>
<td>±4.8</td>
<td>±5.5 - 9.0</td>
</tr>
<tr>
<td>Iron (mg/L)</td>
<td>0.06</td>
<td>0.3</td>
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<tr>
<td>Manganese (mg/L)</td>
<td>0.03</td>
<td>0.05</td>
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<tr>
<td>Nitrate (as N) (mg/L)</td>
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<td>7.0</td>
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<tr>
<td>Total Dissolved Solids (dried @ 180°C) (mg/L)</td>
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<tr>
<td>Surfactants (LAS) (mg/L)</td>
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<tr>
<td>Sulfate (mg/L)</td>
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<td>250</td>
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<tr>
<td>Chloride (mg/L)</td>
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<tr>
<td>Total Coliform/100ml</td>
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<td>0</td>
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</table>

**Chlorine Residual Negative**

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< Less than

**Date and Time of Report:** 6/16/86 6:00

**By:** [Signature]

---

**Acceptable Limits**

New Jersey State Certified Laboratory Cert. # 08084

New Jersey Department of Environmental Protection

**MCL = Recommended Maximum Contaminant Levels**

---

100°F
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Owner Identification - Owner: DOUGLAS BUILDERS
Address: RD 1, BOX 1714
City: FRANKLINVILLE
State: NJ
Zip Code: 

Well Permit No.: 31 - 2536A

Owner's Well No.: 1

Well Location - If not the same owner please give address:
Address: 
County: 
Municipality: FRANKLIN TWP
Lot No.: 5
Block No.: 149

Well Use: Domestic
Status: Active

Water Use: Drinking
Average: 375 gals. daily
Maximum: 625 gals. daily

Well Construction
Date well completed: 8/29/86
Depth: Total 115 ft.
Diameter: Top 6 in.
Bottom 6 in.

Land Surface Elevation at well: ft.
Elevation was determined using:

Casing Height (top above land surface): 9.0 ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP</th>
<th>LENGTH</th>
<th>DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>(FT.)</td>
<td>(FT.)</td>
<td>(IN.)</td>
</tr>
<tr>
<td>Casing 1</td>
<td>110</td>
<td>2</td>
</tr>
<tr>
<td>Casing 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
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<tr>
<td>Screen 1</td>
<td>110-110</td>
<td>5</td>
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<tr>
<td>Screen 2</td>
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<tr>
<td>Tail Piece</td>
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<tr>
<td>Gravel Pack</td>
<td>10-0</td>
<td>90</td>
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<td>Grout</td>
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<td>1</td>
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<tr>
<td>Grouting Method</td>
<td>-Tremi-</td>
<td></td>
</tr>
</tbody>
</table>

Type and Material
Screens: Note Slot Size(s)

Well flows naturally: gals. per min. at ft. above the land surface.

Water rises to ft. above the land surface.

Record of Test
Static water-level before pumping: 9/03/86
Water level was measured using:
Discharge rate measured using:
Well was pumped using:
Observed effects on nearby wells:
Water Quality (taste, odor, color, etc.)

Good

Permanent Pumping Equipment
Installed by: Jim Mesiando
Pump Type: Jet

Mfrs. Name: MYERS
Model: HJS35S

Capacity: Pump delivers 10 GPM at 40 PSI pressure.
Power: 1/2 HP at 3450 RPM
Power Source: Electric
Depths: Pump 40 ft.
Footpiece 40 ft.
Airline 40 ft.
Flow Meter: Model installed on in. diameter pipe.

Jim Mesiando, INC.

Contractor - Name of Drilling Contractor:
Address: 1506 N. MAIN ST
City: WILLIAMSTOWN
State: N.J.
Zip Code: 08094
License No.: 1078

Name of Driller: Jim Mesiando

Signature of Contractor: James C. Mesiando
Date: 8/16/93

Copies: White - DEP
Canary - Driller
Pink - Owner
Goldenrod - Health Dept.
**Driller:** Please use the space below for the log description. Note water bearing zones or geological formation.

- **Are samples available?** ☑ Yes ☐ No
- **Drilling Method:** ROTARY
- **Type of Rig:** CID MAYHEW 500
- **Aquifer/Geo. Fm.:** Cohansey

### LOG

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-3</td>
<td>Mulch &amp; Top Soil</td>
</tr>
<tr>
<td>3-35</td>
<td>Sands with Clay lenses</td>
</tr>
<tr>
<td>35-60</td>
<td>Medium to Fine Sands</td>
</tr>
<tr>
<td>50-75</td>
<td>Fine Stained Sands</td>
</tr>
<tr>
<td>75-82</td>
<td>Fine Stone layer w/Clay</td>
</tr>
<tr>
<td>82-90</td>
<td>Clay</td>
</tr>
<tr>
<td>90-110</td>
<td>Medium to Fine Sands</td>
</tr>
</tbody>
</table>

### DEP USE ONLY

- **Storret Hydrogeo Code:**
- **USGS Hydrogeo Code:**
- **Depth to Bedrock:** __________ ft.
- **Bedrock Lith. Code:**
- **Bedrock Fm. Code:**

**Completed by:**

- **Date:** __________ / __________ / __________

<table>
<thead>
<tr>
<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
</tr>
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</tr>
</tbody>
</table>

**GWPI No.:**

**NJPDES No.:**

**Latitude:** __________ ○ __________ ' __________ "
**Longitude:** __________ ○ __________ ' __________ "
**Lat-Long Accuracy:** ☑ 1" ☐ 5" ☐ 10" ☐ 20"

**USGS Quadrangle:**

**Drainage Basin Code:**

**County/Municipality Code:**

**OTHER FILES:**
- ☑ Lithologic Log
- ☐ Samples Available
- ☑ Aquifer Test
- ☐ Water Level Data
- ☑ Geophysical Logs
- ☐ Water Chemistry
- ☐ Pollution Case

**Checked by:**

- **Date:** __________ / __________ / __________
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31-25400
Atlas Sheet Coordinates 31:30:877

OWNER IDENTIFICATION - Owner DELSEA REGIONAL HIGH SCHOOL
Address BLACKWOOD TOWN ROAD
City FRANKLINVILLE State NJ Zip Code

WELL LOCATION - If not the same owner please give address. Owner's Well No. #2
Address
County Municipality FRANKLIN TWP Lot No. 17-2 Block No. 65

WELL USE - TREATMENT Status SEASONAL

WATER USE - ATHLETIC USES Average 99,000 gals. daily Maximum 109,000 gals. daily

WELL CONSTRUCTION
Date well completed 8/18/86
Depths: Total 145 ft. Finished 145 ft.
Diameter: Top 10 in. Bottom 10 in.

Land Surface Elevation at well
Casing Height (above land surface) 30 ft.
Elevation was determined using

<table>
<thead>
<tr>
<th>DEPTH TO TOP</th>
<th>LENGTH</th>
<th>DIAMETER</th>
<th>TYPE AND MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT.</td>
<td>FT.</td>
<td>IN.</td>
<td>Screens: Note Slot Size(s)</td>
</tr>
<tr>
<td>Casing 1</td>
<td>130</td>
<td>4</td>
<td>F480 - PVC</td>
</tr>
<tr>
<td>Casing 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen 1</td>
<td>110-130</td>
<td>10</td>
<td>#80 SLOT - PVC</td>
</tr>
<tr>
<td>Screen 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>110-110</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>110-0</td>
<td>110</td>
<td>#1 GRAVEL</td>
</tr>
<tr>
<td>Grouting Method</td>
<td></td>
<td></td>
<td>BENTONITE CLAY</td>
</tr>
</tbody>
</table>

WELL FLOWS NATURALLY

Wells flows to

RECORD OF TEST
Test Date 9/2/86
Static water level before pumping 17 ft. below land surface.
Water level
Drawdown ft.
Discharge rate measured using 75 GAL. DEGN.
Discharge Rate 275 gals. per min.
Well was pumped using PERMANENT EQUIPMENT
Specific Capacity gals. per min. per ft. of drawdown
Observed effects on nearby wells GOOD.
Water Quality (taste, odor, color, etc.) GOOD.

PERMANENT PUMPING EQUIPMENT
Mfrs. Name Goulds
Installed by JIM MESIAIO Pump Type SUBMERSIBLE
Model #266380-275 H 90-7
CAPACITY: Pump delivers 275 GPM at 30 PSI pressure.
POWER: 30 HP at 3450 RPM Power Source ELECTRIC
DEPTH: Pump 80 ft. Footpiece 80 ft. Airline 80 ft.
FLOW METER: Model installed on 8 in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor
Address 1506 W MAIN ST.
City WILLIAMSTOWN State NJ Zip Code 08044
Name of Driller JIM MESIAIO

Signature of Contractor James C. Maglione

COPYRIGHT: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

Date 12/11/92

WELREC 1292788
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? ☐ Yes ☒ No

Drilling Method: ROTARY

Type of Rig: FAILING 1250

Aquifer/Geo. Fm.: Coaching

---

**LOG**

0-1 Top Soil

1-30 GRAVEL - CLAY & SANDS MIXED

30-50 IRON STAINED SANDS WITH STREAMS OF CLAY

50-70 MEDIUM TO FINE SANDS

70-90 MEDIUM TO FINE SANDS WITH SOME IRON STONE

90-110 CLAYS & SANDS (FINE) MIXED

110-130 MEDIUM TO FINE SAND WITH TRACES OF CLAYS

130-175 Course - Medium & Fine Sands.

---

GWPI No. __________________________ NJPDES No. __________________________

Latitude ____________ ' ____________ " Longitude ____________ ' ____________ "

Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"

USGS Quadrangle __________________________

Drainage Basin Code __________________________

County/Municipality Code __________________________

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data

☐ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by __________________________ Date ____________ / ____________

---

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31 - 25482
Atlas Sheet Coordinates 31: 42: 132

OWNER IDENTIFICATION - Owner D & M BUILDERS
Address RD 2, BOX 6 ROUTE 47
City FRANKLINVILLE
State NJ
Zip Code

WELL LOCATION - If not the same owner please give address. Owner's Well No. 
Address County ________ Municipality ________ Lot No. ________ Block No. ________

WELL USE - Domestic ________ Average 75 gals. daily Maximum 300 gals. daily

WATER USE - Domestic ________ Status In Use

WELL CONSTRUCTION - Date well completed 3/5/87
Date well completed
Depths: Total ________ ft. Finished ________ ft.
Diameter: Top ________ in. Bottom ________ in.
Land Surface Elevation at well ________ ft. Elevation was determined using ________
Casing Height (stick-up) above land surface ________ ft.

DEPTH TO TOP (FT.) LENGTH (FT.) DIAMETER (IN.) TYPE AND MATERIAL
Casing 1 ________ 74 ________ 3 PVC
Casing 2
Casing 3
Screen 1 ________ 10 ________ 3 PVC-15 Grit
Screen 2
Tail Piece
Gravel Pack
Grout
Grouting Method

WELL FLOWS NATURALLY ________ gals. per min. at ________ ft. above the land surface.
Water rises to ________ ft. above the land surface.

RECORD OF TEST - Test Date 3/5/87
Static water-level before pumping 15 ft. below land surface. Water level ________ ft. below land surface after ________ hrs. of pumping.
Water level ________ ft. Drawdown ________ ft.
Discharge rate measured using ________ gals. per min.
Discharge Rate ________ gals. per min.
Specific Capacity ________ gals. per min. per ft. of drawdown
Well was pumped using ________
Observed effects on nearby wells ________
State one or more: Color Clear
Water Quality (taste, odor, color, etc.) ________

PERMANENT PUMPING EQUIPMENT - Installed by ________
Mfr. Name ________ Pump Type ________
Capacity ________ GPM at ________ PSI pressure.
Power ________ HP at ________ RPM Power Source ________
Flow Meter: Model ________
Installed on ________ ft. in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor ________
Address ________
City ________ State ________ Zip Code ________
Name of Driller ________ License No. ________

Signature of Contractor ________ Date 4/7/87

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No

Drilling Method □ Rotary

Type of Rig □ Rotary

Aquifer/Geo. Fm. □ Clay/Sand

LOG


GWPI No. ___________________________ NJPDES No. ___________________________

Latitude ° ' " Longitude ° ' "

Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"

USGS Quadrangle ___________________________

Drainage Basin Code ___________________________

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data
□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by ___________________________ Date _____ / _____ / _____

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31 - 26096
Atlas Sheet Coordinates 31 : 32 : 875

OWNER IDENTIFICATION
Owner: ROWEN, MILT
Address: 345 FRISIE MILL RD.
City: RUNNERSVILLE
State: NJ
Zip Code

WELL LOCATION
If not the same owner please give address:
Owner's Well No. ______
Address: Philip Avenue
County: Gloucester
Municipality: FRANKLIN TWP
Lot No.: 42-44
Block No.: 16

WELL USE
Replacement well
Status: Replacement well

WATER USE
Domestic Average 500 gals. daily Maximum 600 gals. daily

WELL CONSTRUCTION
Date well completed: 4 / 10 / 87
Depths: Total 55 ft.
Finished 55 ft.
Diameter: Top 6 in.
Bottom 6 in.

Land Surface Elevation at well: N/A ft.
Elevation was determined using: N/A
Casing Height (stick-up) above land surface: N/A ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP</th>
<th>LENGTH</th>
<th>DIAMETTER</th>
<th>TYPE AND MATERIAL</th>
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<tbody>
<tr>
<td>(FT.)</td>
<td>(FT.)</td>
<td>(IN.)</td>
<td>Screens: Note Slot Size(s)</td>
</tr>
<tr>
<td>Casing 1</td>
<td>55</td>
<td>2</td>
<td>Galvanized Steel</td>
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<td>Casing 2</td>
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<td>Casing 3</td>
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<tr>
<td>Screen 1</td>
<td>60'</td>
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<td>Grout</td>
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<tr>
<td>Grouting Method</td>
<td>Grout to 55'</td>
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</tbody>
</table>

WELL FLOWS NATURALLY N/A gals. per min. at N/A ft. above the land surface.
Water rises to N/A ft. above the land surface.

RECORD OF TEST
Test Date: 4 / 15 / 87
Static water-level before pumping: 8 ft. below land surface
Water level: 10 ft. below land surface after 1/2 hrs. of pumping
Drawdown: 2' ft.
Discharge rate measured using: Plum bob
Specific Capacity: gals. per min. per ft. of drawdown
Well was pumped using: Blown out by air
Water Quality (taste, odor, color, etc.) Good
Observed effects on nearby wells: No

PERMANENT PUMPING EQUIPMENT
Installed by Emile Gaburo
Pump Type: Jet pump
Mfrs. Name: Sta-Rite
Model:
CAPACITY: Pump delivers 15 GPM at PSI pressure.
POWER: 1/2 HP at 3500 RPM Power Source: Electric
DEPTH: Pump N/A ft. Footpiece N/A ft. Airline ft.
FLOW METER: Model Pressure gauge installed on in. diameter pipe.

CONTRACTOR
Name of Drilling Contractor: Emile Gaburo
Address: 988 N. MILL RD.
City: Vineland
State: NJ
Zip Code: 08360
Name of Driller: Emile Gaburo
License No.: 908

Signature of Contractor: Emile Gaburo
Date: 8 / 21 / 88

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  ☐ Yes  ☐ No

Drilling Method  Augered

Type of Rig  

Aquifer/Geo. Fm.  Sand

LOG

0-10' Lt. grey sand, 10-60' Mixture sand & clay, 60' yellow water bearing sand

Potable water @ 60'

<table>
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<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
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GWPI No.  

NJPDES No.  

Latitude 0° 0' 0"

Longitude 0° 0' 0"

USGS Quadrangle  

Drainage Basin Code  

County/Municipality Code  

Other Files:

☐ Lithologic Log  ☐ Samples Available  ☐ Aquifer Test  ☐ Water Level Data

☐ Geophysical Logs  ☐ Water Chemistry  ☐ Pollution Case

Checked by  

Date  /  /  

COPIES:  White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**DIVISION OF WATER RESOURCES**

---

### WELL RECORD

**Well Permit No.** 31 26283

**Address** 1744 CHEW'S LANDING ROAD

**City** LAUREL SPRINGS

**State** NJ  

**Owner Identification**

**Owner** OAKWOOD LAND DEV., INC.

**Address** 1744 CHEW'S LANDING ROAD

**City** LAUREL SPRINGS  

**Well Location**

**Owner's Well No.**

**Address**  

**County** HUNTINGTON  

**Municipality** FRANKLIN TWP

**Lot No.** 49A  

**Block No.** 60

---

### WATER USE

**Use** Domestic  

**Average** gals. daily

**Maximum** gals. daily

---

### WELL CONSTRUCTION

**Date well completed** 8/18/57

**Total** 75 ft.

**Finished** 75 ft.

**Top** 8 in.

**Bottom** 8 in.

**Land Surface Elevation at well** ft.

**Elevation was determined using**

---

### BOREHOLE DIMENSIONS

**Depth to Top (FT.)** 65

**Length (FT.)** 10

**Diameter (IN.)** 4

**Type and Material**

**PVC Plastic**

---

### DEPTH TO TOP

<table>
<thead>
<tr>
<th>Casing 1</th>
<th>Casing 2</th>
<th>Casing 3</th>
<th>Screen 1</th>
<th>Screen 2</th>
<th>Tail Piece</th>
<th>Gravel Pack</th>
<th>Grout</th>
<th>Grouting Method</th>
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</thead>
<tbody>
<tr>
<td>105</td>
<td>4</td>
<td>4</td>
<td>105</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>PVC</td>
<td>gravity</td>
</tr>
</tbody>
</table>

---

### WELL FLOWS NATURALLY

**gals. per min. at** ft. above the land surface.

**Water rises to** ft. above the land surface.

---

### RECORD OF TEST

**Test Date** 8/18/57

**Static water-level before pumping** 12 ft. below land surface

**Water level was measured using** Chalk Line

**Discharge rate measured using** Flow Meter

**Well was pumped using** Pump

**Expected Capacity** 11 gals. per min.

**Observed effects on nearby wells** None

**Water Quality (taste, odor, color, etc.)** Good

---

### PERMANENT PUMPING EQUIPMENT

<table>
<thead>
<tr>
<th>Mfrs. Name</th>
<th>Installed by</th>
<th>Pump Type</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jersey Well</td>
<td>New Jersey Well Drilling</td>
<td>Submersible</td>
<td>Jersey Well Drilling</td>
</tr>
</tbody>
</table>

**Capacity** Pump delivers 11 GPM at 60 PSI pressure

**Power** 1/2 HP at 3500 RPM

**Power Source** Electric

**Depths** Pump 42 ft.  

**Footpiece** Airline ft.

**Flow Meter** Model pressure gauge installed on ft. of diameter pipe.

---

### CONTRACTOR

**Name of Drilling Contractor** SOUTH JERSEY WELL DRILLING

**Address** 215 N. WHITE HOUSE PIKE  

**City** Hammonton  

**State** NJ  

**Zip Code** 08037

**License No.** 1181

**Date** 8/30/57

---

**Copies:** White - DEP

**Canary - Driller**

**Pink - Owner**

**Goldenrod - Health Dept.**
WELL RECORD

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? ☐ Yes ☐ No

Drilling Method: Rotary

Type of Rig: Mud

Aquifer/Geo. Fm.: Cohansey

LOG

0-20' Sand
20-40' Clay White Dome Sand
40-60' Brown Sand
60-75' Light Brown Sand

DEP USE ONLY

Storret Hydrogeo Code
USGS Hydrogeo Code
Depth to Bedrock
Bedrock Lith. Code
Bedrock Fm. Code

Completed by
Date

Thick. Lith. Fm.

GWPI No.

NJPDES No.

Latitude

Longitude

Lat-Long Accuracy
☐ 1"  ☐ 5"  ☐ 10"  ☐ 20"

USGS Quadrangle

Drainage Basin Code

County/Municipality Code

OTHER FILES:
☐ Lithologic Log ☐ Samples Available  ☐ Aquifer Test  ☐ Water Level Data
☐ Geophysical Logs ☐ Water Chemistry  ☐ Pollution Case

Checked by

Date

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
FORM DWR-138
11/85

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31 26658
Atlas Sheet Coordinates 31 32 798

OWNER IDENTIFICATION - Owner DATORE, DANTE
Address BOX 353 B, STATION AVE.
City FRANKLINVILLE State NJ Zip Code

WELL LOCATION - If not the same owner please give address. Owner's Well No. __________
Address ______________ Municipality FRANKLIN TWP Lot No. 8, 9, & 11 Block No. 129

WELL USE __ Domestic
Status __________

WATER USE __ Domestic
Average 500 gals. daily Maximum 750 gals. daily

WELL CONSTRUCTION
Date well completed 9/19/87
Bores: Total 80 ft. Finished 80 ft.
Diameter: Top 6 in. Bottom 6 in.

Land Surface Elevation at well __ ft.
Elevation was determined using __________

Casing Height (stick-up) above land surface __ 3.5 ft.

DEPT TO TOP LENGTH DIAMETER TYPE AND MATERIAL
(FT.) (FT.) (IN.) Screen(s): Note Slot Size(s)
Casing 1 70 2 5 Sch 40 PVC
Casing 2 ____________ ____________ ____________
Casing 3 ____________ ____________ ____________
Screen 1 80-70 10 ft. 2 5 Sch 40 PVC
Screen 2 ____________ ____________ ____________
Tail Piece ____________ ____________ ____________
Gravel Pack 80-65 ____________ ____________ ____________
Grout 65-9 ____________ ____________ ____________
Grouting Method Truman method

WELL FLOWS NATURALLY ____________ gals. per min. at ____________ ft. above the land surface.
Water rises to ____________ ft. above the land surface.

RECORD OF TEST
Test Date 9/19/87
Static water-level before pumping 14 ft. below land surface. Water level 14 ft. below land surface after 1/2 hrs. of pumping.
Water level was measured using ____________
Discharge rate measured using ____________
Specific Capacity ____________ gals. per min. per ft. of drawdown
Well was pumped using ____________
Observed effects on nearby wells Good - none - clear
Water Quality (taste, odor, color, etc.) ____________

PERMANENT PUMPING EQUIPMENT
Installed by Uni-Tech Pump Type: Jet
Mfrs. Name Goulds Model ____________
CAPACITY: Pump delivers 10 GPM at 40 PSI pressure.
POWER: 3/4 HP at 1750 RPM Power Source 110 Volt
FLOW METER: Model ____________ installed on ____________ in. diameter pipe.

CONTRACTOR: Name of Drilling Contractor: JAY FRECK/UNI-TECH DRILLING
Address P.O. Box 467 State NJ Zip Code 08312
Name of Driller: JAY FRECK

Signature of Contractor: ____________ Date 11/18/87

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

WELREC 129 2507
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  □ Yes  □ No

Drilling Method: Rotary Method

Type of Rig: Mud Rig

Aquifer/Geological Formation: Cohansey

LOG

0 - 10 m-f Sand clay brown - tan moist

16 - 30 m-f Sand same m-f gravel
Clay orange tan wet

30 - 50 m-f Sand clayey tan orange wet

50 - 80 m-f Sand Ir Silt tan wet

GWPI No. _______ - _______  NJPDES No. _______ - _______

Latitude _______ ° _______ ' _______ "  Longitude _______ ° _______ ' _______ "

Lat-Long Accuracy  □ 1"  □ 5"  □ 10"  □ 20"

USGS Quadrangle __________________________

Drainage Basin Code __________________________  County/Municipality Code __________________________

OTHER FILES: □ Lithologic Log  □ Samples Available  □ Aquifer Test  □ Water Level Data
□ Geophysical Logs  □ Water Chemistry  □ Pollution Data

Checked by __________________________  Date _______ / _______/ _______
WELL RECORD

1. OWNER Stanley M. Sherman ADDRESS Blackwood Williams Town
   Owner's Well No. 7 SURFACE ELEVATION 100 Feet
   (Above mean sea level)
2. LOCATION Franklinville
3. DATE COMPLETED 7/22/87 DRILLER Doug Lewis
4. DIAMETER: Top 8 inches Bottom 8 inches TOTAL DEPTH 101 Feet
5. CASING: Type PVC Diameter 4" Inches Length 89 Feet
6. SCREEN: Type PVC Size of Opening 0.07 Diameter 4" Inches Length 10 Feet
   Range in Depth
   Top 89 Feet
   Bottom 99 Feet
   Geologic Formation Cohoes
   Tail Piece: Diameter None Inches Length None Feet
7. WELL FLOWS NATURALLY 0 Gallons per minute at Feet above surface
   Water rises to Feet above surface
8. RECORD OF TEST: Date 7/22/87 Yield 10 Gallons per minute
   Static water level before pumping 19 Feet below surface
   Pumping level 24 feet below surface after 1/2 hours pumping
   Drawdown 5 Feet Specific Capacity 2 Gals. per min. per ft. of drawdown
   How pumped Sub How measured 596.76
   Observed effect on nearby wells No
9. PERMANENT PUMPING EQUIPMENT:
   Type Sub Mfrs. Name Goulds
   Capacity 10 G.P.M. How Driven Elec. H.P. 1 R.P.M. 3450
   Depth of Pump in well 60 Feet Depth of Footpiece in well None Feet
   Depth of Air Line in well None Feet Type of Meter on Pump None Size None Inches
10. USED FOR Domestic AMOUNT
    Average 500 Gallons Daily
    Maximum 1000 Gallons Daily
11. QUALITY OF WATER Good Sample: Yes No X
    Taste Good Odor None Color Clear Temp. 60°F.
12. LOG (Give details on back sheet or on separate sheet. If electric log was made, please furnish copy.)
    Are samples available? No
13. SOURCE OF DATA VIP Services
14. DATA OBTAINED BY Doug Lewis Date 7/16/93

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated,
analysis of the water, sketch map, sketch of special casing arrangements, etc.)
0-1 Top Soil
1-23 yellow sand
23-24 clay
24-55 Fine sand yellow
55-76 Med sand white
76-99 sand/gravel white
99-101 silty Clay gray
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31 27627
Atlas Sheet Coordinates 31 32 798

OWNER IDENTIFICATION - Owner: LAMB, LORENZA L. JR.
Address: 8 GREENSBORO RD.
City: FRANKLINVILLE
State: NJ
Zip Code: 

WELL LOCATION - If not the same owner please give address.
Owner's Well No. 
Address: 
County: 
Municipality: FRANKLIN TP
Lot No.: 10
Block No.: 4115

WELL USE - DOMESTIC
Status - WORKING

WATER USE - DOMESTIC
Average: 500 gals. daily
Maximum: 500 gals. daily

WELL CONSTRUCTION
Date well completed: 12/17/87
Depths: Total: 100 ft. Finished: 100 ft.
Diameter: Top: 8 in. Bottom: 8 in.
Land Surface Elevation at well: 110 ft.
Elevation was determined using: #31 STATE ATM
Casing Height (stick-up) above land surface: 10 ft.

DEPTH TO TOP
LENGTH (FT.)
90
90
90
65
65

DIAMETER (IN.)
9
10
9
35
8

TYPE AND MATERIAL
Screen: Note Slot Size(s)
SAND 0.04
G.00
1.000 SLOT 0.04
0.100 SLOT 0.04
BELOW HUB + CEMENT

WELL FLOWS NATURALLY
Water rises to ft. above the land surface.

RECORD OF TEST
Date: 12/17/87
Static water-level before pumping: 85 ft. below land surface.
Water level was measured using: PEORCE
Discharge rate measured using: BUCKET
Well was pumped using: HP 4H FT
Observed effects on nearby wells: NOLW
Water Quality (taste, odor, color, etc.): BLOOD - 0 CEMENT

PERMANENT PUMPING EQUIPMENT
Installed by: G. MAYER
Mfrs. Name: GEORGE MAYER
Pump Type: SUBMERSIBLE
Model: 1015
CAPACITY: Pump delivers 10 GPM at 50 PSI pressure.
POWER: 1 HP at 3450 RPM Power Source 020210
DEPTH: Pump 50 ft. Footpiece 20 ft. Airline 100 ft.
FLOW METER: Model 1" installed on 1" in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor: GEORGE MAYER
Address: ROUTE 8 BOX 1040
City: MULLICA HILL, NJ 08062
State: 
Zip Code: 

Signature of Contractor: Date: 11/17/93

COPYIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.

WELREC 129 2519
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No

Drilling Method ROTARY

Type of Rig HFD

Aquifer/Geo. Fm. CONWAY

LOG

0' 18' COURSE WHITE SAND
18' 22' RED SAND
22' 39' COURSE WHITE SAND
39' 58' RED SAND
57' 65' YELLOW RED OIL
65' 78' FINE WHITE SAND
78' 100' OILSEED RED SAND

GWPI No. ____________________________ NJPDES No. ____________________________

Latitude _______ ° _______ ' _______ " Longitude _______ ° _______ ' _______ "
Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"

USGS Quadrangle

Drainage Basin Code

County/Municipality Code

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data
□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by ____________________________ Date _______ / _______ / _______
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31 - 28078
Atlas Sheet Coordinates 31 : 32 : 799

OWNER IDENTIFICATION - Owner FAIOLA, ANTHONY
Address 721 BEECHWOOD AVE
City CHERRY HILL State NJ Zip Code

WELL LOCATION - If not the same owner please give address. Owner's Well No. 1
Address Delsea Drive and Belle Avenue
County Gloucester Municipality FRANKLIN TWP Lot No. 3 Block No. 137

WELL USE Community Supply Status

WATER USE Potable Average 2200 gals. daily Maximum 5200 gals. daily

WELL CONSTRUCTION Date well completed 6 / 29 / 88
BOREHOLE DIMENSIONS Depths: Total 130 ft. Finished 130 ft.
Diameter: Top 8 in. Bottom 8 in.
Land Surface Elevation at well __________ ft. Elevation was determined using __________
-Casing Height (stick-up) above land surface __________ ft. __________

<table>
<thead>
<tr>
<th>DEPTH TO TOP</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
<th>Screens: Note Slot Size(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing 1</td>
<td>112'</td>
<td>4''</td>
<td>PVC</td>
<td></td>
</tr>
<tr>
<td>Casing 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen 1</td>
<td></td>
<td>10'</td>
<td>S/S #20 Slot</td>
<td></td>
</tr>
<tr>
<td>Screen 2</td>
<td></td>
<td>4''</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>92'</td>
<td>30'</td>
<td>#1 Morie Gravel</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>Top of gravel to within 6' of surface</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grouting Method</td>
<td>Treml</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WELL FLOWS NATURALLY ________ gals. per min. at ________ ft. above the land surface.
Water rises to ________ ft. above the land surface.

RECORD OF TEST Test Date ________ / ________ / ________
Static water-level before pumping __________ ft. below land surface. Water level __________ ft. below land surface after ________ hrs. of pumping.
Water level was measured using ________, Drawdown ________ ft.
Discharge rate measured using ________, Discharge Rate ________ gals. per min.
Well was pumped using ________, Specific Capacity ________ gals. per min. per ft. of drawdown
Observed effects on nearby wells ________, See attached
Water Quality (taste, odor, color, etc.) ________

PERMANENT PUMPING EQUIPMENT Installed by James C. Mesiano Pump Type MXMK Submersible
Mfr. Name Myers Pump Model J2035
CAPACITY: Pump delivers ________ GPM at ________ PSi pressure.
POWER: ________ HP at ________ RPM Power Source Electric
FLOW METER: Model ________, installed on ________ in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor JIM MESTANO, INC.
Address R.D.85, Box 61-A
City Williamstown State N.J. Zip Code 08094
Name of Driller James C. Mesiano License No. 1078

Signature of Contractor ________ Date 6 / 29 / 88

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? ☐ Yes ☒ No

Drilling Method: Rotary

Type of Rig: Failing 1250

Aquifer/Geo. Fm.: Cohansey

LOG

0 - 10' Iron stained sand, coarse gravel
10 - 15' Streaked iron stone
15 - 20' Orange silty clay
20 - 40' Iron stained sand w/streaks of clay
40 - 60' Iron stained coarse sand
60 - 70' Fine and medium sand
70 - 80' Brown clay silt with lignites
80 - 100' Silty fine grey sand
100 - 123' Grey medium and fine sand
123 - 125' Grey Clay

GWPI No. ___________ - ___________

NJPDES No. ___________ - ___________

Latitude ___________° ___________' ___________"

Longitude ___________° ___________' ___________"

Lat-Long Accuracy ☐ 1' ☐ 5' ☐ 10' ☐ 20'

USGS Quadrangle

Drainage Basin Code

County/Municipality Code

OTHER FILES: ☐ Lithologic Log ☐ Samples Available ☐ Aquifer Test ☐ Water Level Data

☐ Geophysical Logs ☐ Water Chemistry ☐ Pollution Case

Checked by __________________________ Date ___________ / ___________ / ___________
WELL RECORD

Well Permit No. 31-28192
Atlas Sheet Coordinates 31:42:133

OWNER IDENTIFICATION - Owner: D & M BUILDERS
Address: RD #2 BOX #6 DELSEA DR
FRANKLINVILLE

City: FREMONT
State: NJ
Zip Code: 08221

WELL LOCATION - If not the same owner please give address: Owner's Well No. 31
Address: Oaklane & Coke Rds. Franklinville, N.J.

County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 18
Block No.: 4401

WELL USE - Domestic
Status: In use

WATER USE - Domestic
Average: 75 gals. daily
Maximum: 150 gals. daily

WELL CONSTRUCTION - Date well completed: 9/7/88
BOREHOLE DIMENSIONS - Depths: Total 80 ft., Finished 80 ft.
Diameter: Top 8 in., Bottom 8 in.

Land Surface Elevation at well 20 ft.
Elevation was determined using Atlas #31
Casing Height (stick-up) above land surface 80 ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP (FT.)</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing 1</td>
<td>80</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Casing 2</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen 1</td>
<td>10</td>
<td>4</td>
<td>PVC 15 slot</td>
</tr>
<tr>
<td>Screen 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>20 neat cement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grouting Method</td>
<td>Pressure grouted</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WELL FLOWS NATURALLY: 10 gals. per min. at 80 ft. above the land surface.
Water rises to 10 ft. above the land surface.

RECORD OF TEST - Test Date: 9/7/88
Static water-level before pumping: 15 ft. below land surface.
Water level measured using: M Scope barrel
Water level was measured using: DISCHARGE RATE 10 gals. per min.
Discharge rate measured using: Specific Capacity: 2 gals. per min. per ft. of drawdown.
Well was pumped using: none
Observed effects on nearby wells: none
taste none, odor none, color clear
Water Quality (taste, odor, color, etc.):

PERMANENT PUMPING EQUIPMENT - Installed by: FRANK FONTE, INC.
Pump Type: sub
Mfrs. Name: Myers
Model: S280
CAPACITY: Pump delivers 10 GPM at 3400 PSI pressure.
POWER: 1/2 HP at 40 RPM
Power Source: electric
DEPTHS: Pump 30 ft., Footpiece 8 ft., Airline 8 ft.
FLOW METER: Model: installed on 8 in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor: FRANK FONTE
Address: 379 Egg Harbor Road
City: Blue Anchor
State: N.J.
Zip Code: 08037
License No.: 1079

Signature of Contractor: Date: 9/22/88

COPIES: White - DEP, Canary - Driller, Pink - Owner, Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? ☒ No

Drilling Method: Rotary

Type of Rig: Rotary

Aquifer/Geo. Fm.: Cohansy

LOG

0 - 50 sand

50 - 60 sand and clay

60 - 80 sand swl 10 ft
**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**DIVISION OF WATER RESOURCES**

**WELL RECORD**

**Well Permit No.** 31  
**Atlas Sheet Coordinates** 31 : 32 : 797

**OWNER IDENTIFICATION**  
Owner: MONTALTO, JANET  
Address: R.D. 1 BOX 16 / GREENSBORO RD.  
City: FRANKLINVILLE  
State: NJ  
Zip Code

**WELL LOCATION**  
If not the same owner please give address.  
Owner’s Well No.  
Address: SAME  
County:  
Municipality: FRANKLIN TWP  
Lot No.: 16  
Block No.: 4116

**WELL USE**  
DOMESTIC

**WATER USE**  
DOMESTIC

Average 500 gals. daily  
Maximum 500 gals. daily

**WELL CONSTRUCTION**  
Date well completed: 5/4/88

**BOREHOLE DIMENSIONS**  
Depths: Total 100 ft.  
Finished 100 ft.  
Diameter: Top 8 in.  
Bottom 8 in.

**Land Surface Elevation at well**  
100 ft.  
Elevation was determined using #31 STATE ATLAS

**Casing Height (stick-up) above land surface**  
105 ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP (FT.)</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing 1</td>
<td>90</td>
<td>4</td>
<td>S80 70 SVC</td>
</tr>
<tr>
<td>Casing 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen 1</td>
<td>90</td>
<td>10</td>
<td>0.5 SURF RM</td>
</tr>
<tr>
<td>Screen 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td>80</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>0</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>80</td>
<td>PUMPAGE CEMENT</td>
</tr>
</tbody>
</table>

**WELL FLOWS NATURALLY**  
gals. per min. at ______ ft. above the land surface.

Water rises to ______ ft. above the land surface.

**RECORD OF TEST**  
Static water-level before pumping: 18 ft. below land surface.

Water level was measured using BUCKET

Discharge rate measured using ART DEPT.

Well was pumped using ART DEPT.

Observed effects on nearby wells: NONE

Water Quality (taste, odor, color, etc.): GOOD CLEAR

**PERMANENT PUMPING EQUIPMENT**  
Installed by: G.MAYERS  
Pump Type: Submersible

Mfrs. Name: G.MAYERS  
Model: 15C

CAPACITY: Pump delivers 10 GPM at 30 PSI pressure.

POWER: 15 HP at 1500 RPM  
Power Source: 115V

DEPTHS: Pump 50 ft.  
Footpiece ______ ft.  
Airline ______ ft.

FLOW METER: ______ in. diameter pipe.

**CONTRACTOR - Name of Drilling Contractor**  
DELSPA (G.MAYERS)  
Route 2 BOX 170G STATE HIGHWAY 46  
Mullica Hill, NJ 08052  
License No. 961

Signature of Contractor: G.MAYERS

**Date** 12/20/93

**COPIES:**  
White - DEP  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? ☐ Yes ☐ No

Drilling Method: ROTARY

Type of Rig: NVD

Aquifer/Geol. Fm.: CHAUNAY

---

<table>
<thead>
<tr>
<th>LOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10 YELLOW GRAVEL</td>
</tr>
<tr>
<td>14-24 RED YEL SAND</td>
</tr>
<tr>
<td>21-27 RED + YELLOW SAND LAYERS</td>
</tr>
<tr>
<td>27-31 RED + YELLOW CLOAY</td>
</tr>
<tr>
<td>31-52 RED SAND</td>
</tr>
<tr>
<td>52-55 YELLOW SAND CLOAY</td>
</tr>
<tr>
<td>55-62 RED SAND</td>
</tr>
<tr>
<td>62-100 COVEC WHITE SAND</td>
</tr>
</tbody>
</table>

---

GWPI No. _______________ NJPDES No. _______________

Latitude _______ o _______ ' _______ " "
Lat-Long Accuracy ☐ 1" ☐ 5" ☐ 10" ☐ 20"

Longitude _______ o _______ ' _______ " "

USGS Quadangle __________________________

Drainage Basin Code ___________________

County/Municipality Code ___________________

OTHER FILES: ☐ Lithologic Log ☐ Samples Available ☐ Aquifer Test ☐ Water Level Data
☐ Geophysical Logs ☐ Water Chemistry ☐ Pollution Case

Checked by ___________________________ Date _______ / _______ / _______
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31 - 287107
Atlas Sheet Coordinates 31 : 42 : 132

OWNER IDENTIFICATION - Owner: BRADY, JAMES & DONNA
Address: LEONARD CREEK RD.
City: FRANKLIN TWP
State: NJ
Zip Code: 

WELL LOCATION - If not the same owner please give address. Owner's Well No. 
Address: 
County: 
Municipality: FRANKLIN TWP
Lot No.: 8D
Block No.: 37A

WELL USE: Domestic
Status: 

WATER USE: 75
Average: 300 gals. daily
Maximum: 525 gals. daily

WELL CONSTRUCTION
Date well completed: 6/6/88
Depths: Total 98 ft.
Finished 98 ft.
Diameter: Top 8 in.
Bottom 8 in.

Land Surface Elevation at well 
Casing Height (stick-up) above land surface: 1 ft.

WELL FLOWS NATURALLY: 1/4 gals. per min. at 
Water rises to 
ft. above the land surface.

RECORD OF TEST
Static water-level before pumping 
Water level 
Water level was measured using 
Discharge rate measured using 
Well was pumped using 
Observed effects on nearby wells 
Water Quality (taste, odor, color, etc.) 

TYPE AND MATERIAL
Screens: Note Slot Size(s)
PVC SCH 40 casing
PVC #20 Screen
#2 Gravel
WYO Bond

Grouting Method: Pressure grout w/ Tempo pipe

PERMANENT PUMPING EQUIPMENT
Installed by: Dale Miller
Mfr's. Name: Myres
Pump Type: Submersible
Model: 5SJ-2.5-11
CAPACITY: Pump delivers 40 GPM at 30 PSI pressure.
POWER: 1/2 HP at 3300 RPM Power Source: 230 VOLT ELCE
DEPTHS: Pump 60 ft. Footpiece 1/2 ft. Airline 
FLOW METER: Model 

CONTRACTOR: Name of Drilling Contractor: DALE MILLER
Address: 
City: 
State: NJ
Zip Code: 08043
License No: 17880

Signature of Contractor: Dale Miller
Date: 6/6/88

COPIES: White - DEP
Canary - Driller
Pink - Owner
Goldenrod - Health Dept.

WELREC 132 0200
**WELL RECORD**

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  □ Yes  □ No

Drilling Method  **Rotary**

Type of Rig  **Callow- mud**

Aquifer/Geo. Fm.  **Coharsy**

---

**LOG**

<table>
<thead>
<tr>
<th>Depth Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Brown Top soil</td>
</tr>
<tr>
<td>2-28</td>
<td>Black/white coarse sand/ clay</td>
</tr>
<tr>
<td>28-43</td>
<td>Dark white/ light med. fine sand/white clay</td>
</tr>
<tr>
<td>43-50</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>50-60</td>
<td>Yellow coarse gravel</td>
</tr>
<tr>
<td>60-83</td>
<td>Yellow/ Green clay/ med. sand</td>
</tr>
<tr>
<td>83-98</td>
<td>Yellow med to coarse sand</td>
</tr>
</tbody>
</table>

---

**DEP USE ONLY**

Storet Hydrogeo Code

USGS Hydrogeo Code

Depth to Bedrock  ft.

Bedrock Lith. Code

Bedrock Fm. Code

Completed by

Date  /  /  

Thick.  Lith.  Fm.

---

**GWPI No.**  

**NJPDES No.**  

Latitude  °  '  "  

Longitude  °  '  "  

Lat-Long Accuracy  □ 1"  □ 5"  □ 10"  □ 20"

USGS Quadrangle

Drainage Basin Code

OTHER FILES:  □ Lithologic Log  □ Samples Available  □ Aquifer Test  □ Water Level Data

□ Geophysical Logs  □ Water Chemistry  □ Pollution Case

Checked by  

Date  /  /  

---
**WELL RECORD**

**Well Permit No.** 31-29417  
**Atlas Sheet Coordinates** 31:32:798

**OWNER IDENTIFICATION**  
Owner: Dennis Shipley  
Address: Bd #1 Box 1549

**WELL LOCATION**  
Owner's Well No.  
Address: Triumph & Carmen  
County: Gloucester  
Municipality: Franklin Twp.  
Lot No.: 1  
Block No.: 4116

**WELL USE**  
Domestic Replacement  
Status:  
**WATER USE**  
Domestic  
Average daily: 600 gals.  
Maximum daily: 750 gals.

**WELL CONSTRUCTION**  
Date well completed: 9/12/88  
 Depths:  
Total: 140 ft.  
Finished: 140 ft.  
Diameter:  
Top: 8 in.  
Bottom: 8 in.

**BOREHOLE DIMENSIONS**  
Land Surface Elevation at well:  
Casing Height (stick-up) above land surface: 1.4 ft.

| Casing 1 | Depth to Top (FT.) | 131.4 |
| Casing 2 | | |
| Casing 3 | | |
| Screen 1 | | 130 |
| Screen 2 | | 10 |
| Tail Piece | | |
| Gravel Pack | | 125 |
| Grout | | 3 |
| Grouting Method | | Tremie |

**TYPE AND MATERIAL**  
Screens: Note Slot Size(s)  
PVC Sch 40  
PVC Sch 40 (0.030)  
#1 well gravel  
Bentonite cement

**WELL FLOWS NATURALLY**  
gals. per min. at ft. above the land surface.

**RECORD OF TEST**  
Test Date: 9/12/88  
Static water-level before pumping: 5 ft. below land surface  
Water level was measured using:  
Discharge rate measured using: Airlift  
Well was pumped using:  
Observed effects on nearby wells: None  
Water Quality (taste, odor, color, etc.): Good, None, Clear

**PERMANENT PUMPING EQUIPMENT**  
Installed by Uni-Tech  
Mfrs. Name: Myers  
Pump Type: Submersible  
CAPACITY: Pump delivers 11 GPM at 50 PSI pressure.

POWER: 1/2 HP at 1725 RPM  
Power Source: 220V  
DEPTHS: Pump 112 ft.  
Footpiece 15 ft.  
Airline 122 ft.  
FLOW METER: Model:  
installed on  

**CONTRACTOR**  
Name of Drilling Contractor: Uni-Tech Drilling Co., Inc.  
Address: PO Box 634  
City: Newfield  
State: NJ  
License No.: 08344  
Name of Driller: William Jester

**Signature of Contractor**  
Date 10/21/92

**COPIES:**  
White - DEPE  
Canary - Driller  
Pink – Owner  
Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes ☑ No
Drilling Method: Rotary
Type of Rig: 1500 Falling
Aquifer/Geo. Fm.: Cobansey

LOG
0'-6' CM Sand or w/ some med gravel
8' 11' Un. Red ton clay
14'-8' Mxt. F ton Sand flanked w/ wn r. ton Clay lenses
14'-2' Cmf Sand, In, Some F Gravel
18'-48' Same as above

GWPI No. ____________________________ NJPDES No. ____________________________
Latitude _________ ° _________' _________" Longitude _________ ° _________' _________"
Lat-Long Accuracy □ 1' □ 5' □ 10' □ 20'
USGS Quadrangle ________________________________ Country/Municipality Code ________________
Drainage Basin Code ____________________________ □ Lithologic Log □ Samples Available □ Aquifer Test
□ Geophysical Logs □ Water Chemistry □ Water Level Data □ Pollution Case

☐ Yes ☑ No

Completed by ____________________________ Date _________ / _________ / _________

Thick. Lith. Fm.
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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31-29533
Atlas Sheet Coordinates 31:32:783

OWNER IDENTIFICATION - Owner: D & M BUILDERS
Address: 802 BOX 6 TELSEA DR
City: FRANKLINVILLE
State: NJ
Zip Code: 08312

WELL LOCATION - If not the same owner please give address: Owner's Well No. 31-29533
Address: 802 BOX 6 TELSEA DR
County: Gloucester
Municipality: FRANKLIN TWP
Lot No.: 4
Block No.: 4031

WELL USE: Domestic
Status: IN USE

WATER USE: Domestic
Average 75 gals. daily
Maximum 225 gals. daily

WELL CONSTRUCTION
Date well completed: 3/16/68
 Depths: Total 114 ft.
            Finished 114 ft.
 Diameter: Top 8 in.
            Bottom 8 in.

Land Surface Elevation at well __________ ft.
Elevation was determined using ALASN #31

Casing Height (stick-up) above land surface __________ ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP</th>
<th>LENGTH</th>
<th>DIAMETER</th>
<th>TYPE AND MATERIAL</th>
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</thead>
<tbody>
<tr>
<td>(FT.)</td>
<td>(FT.)</td>
<td>(IN.)</td>
<td>Screen: Note Slot Size(s)</td>
</tr>
<tr>
<td>Casing 1</td>
<td>114</td>
<td>104</td>
<td>Pvc</td>
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<td>Casing 2</td>
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<td>Casing 3</td>
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<tr>
<td>Screen 1</td>
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<td>10</td>
<td>Pvc-15 S/D</td>
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<tr>
<td>Screen 2</td>
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<td>4</td>
<td></td>
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<tr>
<td>Tail Piece</td>
<td></td>
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<tr>
<td>Gravel Pack</td>
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<tr>
<td>Grout</td>
<td>30 NEAT CEMENT PRESSURE GROUT</td>
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<tr>
<td>Grouting Method</td>
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</tbody>
</table>

WELL FLOWS NATURALLY __________ gals. per min. at __________ ft. above the land surface.
Water rises to __________ ft. above the land surface.

RECORD OF TEST
Test Date: 3/16/68
Static water-level before pumping 23 ft. below land surface. Water level 28 ft. below land surface after 4 hrs. of pumping.
Water level was measured using \( \text{gage at } \text{source} \)
Discharge rate measured using \( \text{gage at } \text{source} \)
Well was pumped using \( \text{source} \)
Specific Capacity 3 gals. per min. per ft. of drawdown
Observed effects on nearby wells: None
Water Quality (taste, odor, color, etc.): TASTE NONE, ODOR NONE, COLOR CLEAR

PERMANENT PUMPING EQUIPMENT
Installed by: FRANK PONTI INC
Pump Type: Sub

Mfrs. Name: 19 YEARS
Model: SUB
CAPACITY: Pump delivers 15 GPM at 40 PSI pressure.
POWER: 3/4 HP at 3400 RPM
Power Source: ELECTRIC
DEPTHS: Pump 50 ft. Footpiece __________ ft. Airline __________ ft.
FLOW METER: Model __________ installed on __________ in. diameter pipe.

FRANK PONTI

CONTRACTOR - Name of Drilling Contractor: WILLIAM MICHAELIS
Address: 312 LAKEVIEW ROAD
City: BLUEMONT
Name of Driller: WILLIAM MICHAELIS
State: NJ
Zip Code: 08081
License No.: 1039

Signature of Contractor: [Signature] Date: 3/10/68

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

WELREC 129 2425
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? ☐ Yes ☐ No

Drilling Method: Rotary

Type of Rig: Rotary

Aquifer/Geo. Fm.: rotary

<table>
<thead>
<tr>
<th>LOG</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-50 Spud</td>
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<tr>
<td>50-80 Clay</td>
</tr>
<tr>
<td>80-14 Safe</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>DEP USE ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storey Hydrogeo Code</td>
</tr>
<tr>
<td>USGS Hydrogeo Code</td>
</tr>
<tr>
<td>Depth to Bedrock</td>
</tr>
<tr>
<td>Bedrock Lith. Code</td>
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<tr>
<td>Bedrock Fm. Code</td>
</tr>
</tbody>
</table>

Completed by: ___________________________
Date: __________ / __________ / ______

<table>
<thead>
<tr>
<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
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</thead>
<tbody>
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</tbody>
</table>

GWPI No. _______ - ________

NJ PDES No. _______ - ________

Latitude _______° _______’ _______"  Longitude _______° _______’ _______"

Lat-Long Accuracy ☐ 1" ☐ 5" ☐ 10" ☐ 20"

USGS Quadrangle: __________________________

Drainage Basin Code: __________________________

County/Municipality Code: __________________________

OTHER FILES: ☐ Lithologic Log ☐ Samples Available ☐ Aquifer Test ☐ Water Level Data
☐ Geophysical Logs ☐ Water Chemistry ☐ Pollution Case

Checked by: __________________________ Date: __________ / __________ / ______
**WELL RECORD**

**Owner Identification**
- Owner: FRANKLIN SAVINGS BANK, S.
- Address: 107 WEST BROADWAY, SALEM
- State: NJ
- Zip Code: 

**Well Location**
- If not the same owner please give address: 
- Owner’s Well No.: 

**Well Use**
- Public - Non Community (Bank)
- Status: ACTIVE - DAILY

**Water Use**
- Drinking Water
- Average: 375 gals. daily
- Maximum: 605 gals. daily

**Well Construction**
- Date well completed: 4/16/90
- Depths: Total 140 ft., Finished 140 ft.
- Diameter: Top 8 in., Bottom 8 in.
- Land Surface Elevation at well: 
- Elevation was determined using:
- Casing Height (stick-up) above land surface: 1.5 ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP (FT.)</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing 1</td>
<td>126</td>
<td>4</td>
<td>F480 - PVC</td>
</tr>
<tr>
<td>Casing 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen 1</td>
<td>136-186</td>
<td>10</td>
<td>#20 SLOT PVC</td>
</tr>
<tr>
<td>Screen 2</td>
<td></td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>136-116</td>
<td>8</td>
<td>#1 GRAVEL</td>
</tr>
<tr>
<td>Grout</td>
<td>116-0</td>
<td>116</td>
<td>SEDIMENT CLAY</td>
</tr>
</tbody>
</table>

**Wells F lows Naturally**
- gals. per min. at ft. above the land surface.
- Water rises to ft. above the land surface.

**Record of Test**
- Test Date: 4/19/90
- Static water-level before pumping: 19 ft. below land surface.
- Water level below land surface after hrs. of pumping.
- Drawdown:
- Discharge rate measured using:
- Specific Capacity gals. per min. per ft. of drawdown
- Well was pumped using:
- Observed effects on nearby wells: Good
- Water Quality (taste, odor, color, etc.):

**Permanent Pumping Equipment**
- Installed by: Jim Mesiano
- Pump Type: SUBMERSIBLE
- Mfrs. Name: MYERS
- Model: J1011P
- Capacity: Pump delivers 11 GPM at 40 PSI pressure.
- Power: 1 HP at 3400 RPM, Power Source: ELECTRIC
- Depths: Pump 50 ft., Footpiece , Airline ft.
- Flow Meter: Model installed on in, diameter pipe.

**Contractor**
- Name of Drilling Contractor: Jim Mesiano, INC.
- Address: 1506 2 MAIN ST, WILLIAMSTOWN, NJ
- City: WILLIAMSTOWN
- State: NJ
- Zip Code: 08046
- License No.: 1078
- Name of Driller: Jim Mesiano
- Date: 12/3/90

**Copies:**
- White - DEP
- Canary - Driller
- Pink - Owner
- Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No

Drilling Method: Rotary

Type of Rig: Failing 1250

Aquifer/Geo. Fm.: Coarse

LOG

0-3 Top Soil

3-30 Medium To Fine Sand With Traces Of Clay

30-50 Fine To Medium Sands

50-90 Fine Sands With Clay Lenses Mixed

90-105 Clay Layer

105-140 Course Medium To Fine Sands

GWP! No. ___________ NJPDES No. ___________

Latitude ___° ___' ___" Longitude ___° ___' ___"

Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"

USGS Quadrangle

Drainage Basin Code

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data

□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by _______________________________ Date _____ / _____ / _____

DEP USE ONLY

Storat Hydrogeo Code ____________________________

USGS Hydrogeo Code ____________________________

Depth to Bedrock ________ ft.

Bedrock Lith. Code ________________

Bedrock Fm. Code ________________

Completed by ____________________________

Date _____ / _____ / _____
WELL RECORD

Well Permit No. 31-32352
Atlas Sheet Coordinates 31-32-798

OWNER IDENTIFICATION - Owner: SWINDEL, JAMES & EVELYN
Address: 78 NED AVENUE
City: FRANKLINVILLE
State: NJ
Zip Code: 08322

WELL LOCATION - If not the same owner please give address. Owner’s Well No. 31-32352
Address: SAME AS ABOVE
County: GLOUCESTER
Municipality: FRANKLIN TOWNSHIP
Lot No. 5
Block No. 92

WELL USE: Domestic
Status: IN-USE

WATER USE: Domestic
Average: 300 gals. daily
Maximum: 300 gals. daily

WELL CONSTRUCTION DIMENSIONS
Date well completed: 11/01/89
Depths: Total: 90 ft.
              Finished: 90 ft.
Diameter: Top: 4′ in.
              Bottom: 4′ in.

Land Surface Elevation at well: 87 ft.
Elevation was determined using _______________
Casing Height (stick-up) above land surface: 2 ft.

DEPTH TO TOP (FT.) | LENGTH (FT.) | DIAMETER (IN.) | TYPE AND MATERIAL
Casing 1: 80 | 10 | 4′ | P.V.C. SCH 40/Casing
Casing 2: 80 | 10 | 4′ | P.V.C. #20 Screen
Casing 3: 80 | 10 | 2′ | #2 Gravel
Screen 1: 80 | 76 | 2′ | #2 Gravel
Screen 2: 80 | 76 | 2′ | #2 Gravel
Tail Piece: 80 | 76 | 2′ | #2 Gravel
Gravel Pack: 80 | 76 | 2′ | #2 Gravel
Grout: 80 | 76 | 2′ | #2 Gravel

Grouting Method: Pressure Grout

WELL FLOWS NATURALLY: _______ gals. per min. at _______ ft. above the land surface.
Water rises to _______ ft. above the land surface.

RECORD OF TEST
Static water-level before pumping: 4′ ft. below land surface.
Water level was measured using: Tape & Bucket
Discharge rate measured using: ____________
Well was pumped using: ____________
Observed effects on nearby wells: ____________
Water Quality (taste, odor, color, etc.): Good - None - Clear

PERMANENT PUMPING EQUIPMENT
Mfrs. Name: Myers Installed by: Kevin Anderson Pump Type: Submersible
Model: J-5-11
CAPACITY: Pump delivers 11 GPM at 40 PSI pressure.
POWER: 5 HP at 1750 RPM Power Source: 220 Volt Electric
DEPTHS: Pump 60′ ft. Flowpiece ____________ ft. Airline ____________ ft.
FLOW METER: Model ____________ installed on ____________ in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor: 516 DAVIS ROAD & H ENVIRONMENTAL DRILLING
Address: PARRINGTON
City: N.J.
Name of Driller: GEORGE ELY
License No.: 0980/1110

Signature of Contractor: ___________________ Date: 11/30/89

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  □ Yes  □ No
Drilling Method  MWD - ROTARY
Type of Rig  G.D. 1000
Aquifer/Geo. Fm.  COHANSEY

**LOG**

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>0-10</td>
<td>Fine White Sand</td>
</tr>
<tr>
<td>10-27</td>
<td>Coarse Yellow Sand</td>
</tr>
<tr>
<td>27-50</td>
<td>Medium Orange Sand</td>
</tr>
<tr>
<td>50-55</td>
<td>White Clay - Dry/Hard</td>
</tr>
<tr>
<td>55-85</td>
<td>Coarse Yellow Sand</td>
</tr>
<tr>
<td>85-90</td>
<td>Fine Grey Sand</td>
</tr>
</tbody>
</table>

**DEP USE ONLY**

|----------------------|--------------------|------------------------|-------------------|-----------------|

Completed by: ____________________________
Date: __/__/____

<table>
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<th>Thick.</th>
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</tbody>
</table>

GWP! No. __________________________ NJPDES No. __________________________

Latitude: _______° _______' _______"
Lat-Long Accuracy: □ 1" □ 5" □ 10" □ 20"

Longitude: _______° _______' _______"

USGS Quadrangle: ______________________
USGS Drainage Basin Code: ______________________

County/Municipality Code: ______________________
OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Date □ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by: ____________________________ Date: __/__/____
WELL RECORD

Well Permit No. 31 34157
Atlas Sheet Coordinates: 31 : 32 : 799

OWNER IDENTIFICATION - Owner: FELDMAN, DIMITRI, FELDMAN
Address: 35 HUNTER STREET
City: WOODBURY
State: NJ
Zip Code

WELL LOCATION: If not the same owner please give address. Owner's Well No. 31 - 34157
Address: Delsea Drive & Leonard Lake Road
County: Gloucester
Municipality: FRANKLIN TWP
Lot No.: 6
Block No.: 4204

WELL USE: 06/16/88 withdrawal
Status: In use

WATER USE: Office
Average: 400 gals. daily
Maximum: 500 gals. daily

WELL CONSTRUCTION: Date well completed: 7/14/90
Depths: Total: 95 ft. Finished: 95 ft.

Land Surface Elevation at well: 2 ft.
Casing Height (stick-up) above land surface: 1 1/2 ft.

Elevation was determined using: plot plan

BOREHOLE DIMENSIONS

Casing 1
Casing 2
Casing 3
Screen 1
Screen 2
Tail Piece
Gravel Pack
Grout
Grouting Method: pressure

DEPTH TO TOP (FT.) 85
LENGTH (FT.) 10
DIAMETER (IN.) 4

TYPE AND MATERIAL

PVC Schedule 40
PVC #10 slot
Morie #2
Betonite

WELL FLOWS NATURALLY: not

Water rises to: ft. above the land surface.

RECORD OF TEST

Test Date: 7/14/90
Static water-level before pumping: 10 ft. below land surface.
Discharge rate measured using: test gauge
Specific Capacity: gals. per min. per ft. of drawdown
Observed effects on nearby wells: taste-none, color-clear, odor - none

Well was pumped using: air lift
Discharge Rate: 70 gals. per min.
Specific Capacity: gals. per min. per ft. of drawdown

Well was pumped using: none
Discharge Rate: none
Specific Capacity: none

PERMANENT PUMPING EQUIPMENT

Installed by: F. C. Capel & Son
Pump Type: Submersible

Mfr. Name: Myers
Model
CAPACITY: Pump delivers 25 GPM at 60 PSI pressure.
POWER: 1 HP at 60 RPM Power Source: electric
FLOW METER: Model none installed on in, diameter pipe.

CONTRACTOR: Name of Drilling Contractor: F. C. CAPEL & SON
Address: 751 Mantua Blvd.
City: Sewell
State: New Jersey
Zip Code: 08080
Name of Driller: Frederick C. Capel III
License No.: 887

Signature of Contractor: Frederick C. Capel III
Date: July 20, 1990

COMES: White - DEP
Canary - Driller
Pink - Owner
Goldenrod - Health Dept.
**Driller:** Please use the space below for the log description. Note water bearing zones or geological formation.

**Are samples available?**
- ☐ Yes
- ☑ No

**Drilling Method:** mud rotary

**Type of Rig:** Failing mud rotary

**Aquifer/Geo. Fm.:** Cohanseay

### LOG

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1</td>
<td>Top soil</td>
</tr>
<tr>
<td>1 - 15</td>
<td>fine to coarse yellow sand</td>
</tr>
<tr>
<td>15 - 20</td>
<td>green clay</td>
</tr>
<tr>
<td>20 - 45</td>
<td>coarse yellow sand and stones</td>
</tr>
<tr>
<td>45 - 65</td>
<td>fine orange sand</td>
</tr>
<tr>
<td>65 - 75</td>
<td>fine to medium yellow sand</td>
</tr>
<tr>
<td>75 - 95</td>
<td>Fine to medium gray sand</td>
</tr>
</tbody>
</table>

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**GWPI No.**

**NJPDES No.**

**Latitude**

**Longitude**

**USGS Quadrangle**

**Drainage Basin Code**

**County/Municipality Code**

**OTHER FILES:**

- ☐ Lithologic Log
- ☐ Samples Available
- ☐ Aquifer Test
- ☐ Water Level Data
- ☐ Geophysical Logs
- ☐ Water Chemistry
- ☐ Pollution Case

**Checked by**

**Date**

---

**DEP USE ONLY**

- Storet Hydrogeo Code
- USGS Hydrogeo Code
- Depth to Bedrock ft.
- Bedrock Lith. Code
- Bedrock Fm. Code

**Completed by**

**Date**

---
**WELL RECORD**

**Owner Identification**
- Owner: WOOSTER, WM. & R.
- Address: 1584 STATION RD.
- City: FRANKLIN TWP.
- State: NJ
- Zip Code: 08322

**Well Location**
- IF not the same owner please give address:
- Owner's Well No. __________
- County: __________
- Municipality: __________
- Lot No.: __________
- Block No.: __________

**Well Use**
- Domestic Replacement
- Status: __________

**Water Use**
- Domestic: __________
- Average: __________ gals. daily
- Maximum: __________ gals. daily

**Well Construction**
- Date well completed: __________
- Depths: Total __________ ft.
- Finished __________ ft.
- Diameter: Top __________ in.
- Bottom: __________ in.
- Land Surface Elevation at well: __________ ft.
- Elevation was determined using __________
- Casing Height (stick-up) above land surface: __________ ft.

<table>
<thead>
<tr>
<th>Casing 1</th>
<th>Casing 2</th>
<th>Casing 3</th>
<th>Screen 1</th>
<th>Screen 2</th>
<th>Tail Piece</th>
<th>Gravel Pack</th>
<th>Grout</th>
<th>Grouting Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>92</td>
<td>90</td>
<td></td>
<td>90</td>
<td></td>
<td>85</td>
<td>82</td>
<td></td>
<td>Tremie method</td>
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<tr>
<td>4&quot;</td>
<td>10</td>
<td></td>
<td>4&quot;</td>
<td></td>
<td>15</td>
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</tr>
<tr>
<td>PVC Sch 40</td>
<td>PVC Sch 40</td>
<td></td>
<td></td>
<td></td>
<td>#1 Well Gravel</td>
<td>Beetonite</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Well Flows Naturally**
- __________ gals. per min. at __________ ft. above the land surface.
- Water rises to __________ ft. above the land surface.

**Test Date**
- __________
- Static water level before pumping __________ ft. below land surface.
- Water level was measured using __________
- Discharge rate measured using __________
- Well was pumped using __________
- Observed effects on nearby wells: __________
- Water Quality (taste, odor, color, etc.): __________

**Permanant Pummp Equipment**
- Installed by: Uni-Tech
- Pump Type: Submersible
- Mfrs. Name: Meyers
- Model: __________
- Capacity: Pump delivers __________ GPM at __________ PSI pressure.
- Power: __________ HP at __________ RPM
- Power Source: __________
- Depths: Pump __________ ft.
- Footpiece __________ ft.
- Airline __________ ft.
- Flow Meter: __________
- Installed on __________ in. diameter pipe.

**Contractor**
- Name of Drilling Contractor: Uni-Tech Drilling
- Address: P.O. Box Atk
- City: Clifton
- State: NJ
- Zip Code: 08322
- License No.: 804

**Signature of Contractor**
- WILLIAM JESTER

**Copies:**
- White - DEP
- Canary - Driller
- Pink - Owner
- Goldenrod - Health Dept.
WELL RECORD

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No
Drilling Method: Rotary
Type of Rig: 1500 Falling
Aquifer/Geo. Fm.: Cohansey

LOG

0-9 - Orange Sand
9.22 - Orange & White Clay
22.60 - Coarse Gravel
60.75 - White Clay
115-100 - F/c Tan Sand

GWPI No. - NJPDES No. -
Latitude ° ' " Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"
Longitude ° ' "
USGS Quadrangle
Drainage Basin Code
OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data
□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by ____________________ Date _____ / _____ / _____
WELL RECORD

Well Permit No. 31-37434
Atlas Sheet Coordinates 31:42:212

OWNER IDENTIFICATION - Owner: LYNAM, JOHN & MARY
Address: 31 PENNSYLVANIA AVENUE
City: WILLIAMSTOWN
State: NJ
Zip Code: 08094

WELL LOCATION - If not the same owner please give address. Owner's Well No. 31-37434
Address: Same
County: Gloucester
Municipality: FRANKLIN TWP
Lot No.: 41
Block No.: 1201

WELL USE - Status: Domestic
Average 300 gals. daily
Maximum 300 gals. daily

WATER USE - Domestic

WELL CONSTRUCTION
Date well completed: 09/13/91
Depth: Total 85 ft.
Diameter: Top 8 in.
Bottom 8 in.

BOREHOLE DIMENSIONS
Land Surface Elevation at well: 1 ft.
Elevation was determined using
Casing Height (stick-up) above land surface: 1 ft.

DEPTH TO TOP (FT.) LENGTH (FT.) DIAMETER (IN.) TYPE AND MATERIAL
Casing 1 75' 4" PVC sch 40 casing
Casing 2
Casing 3
Screen 1 75' 10' 4" PVC 020 slot screen
Screen 2
Tail Piece
Gravel Pack 75' 10' 2" #2 Well gravel
Grout
Grouting Method: Chem grouted/pressure grouted w/ tremie pipe

WELL FLOWS NATURALLY
Water rises to 1 ft. above the land surface.

WELL RECORD
Test Date: 09/13/91
Static water-level before pumping: 15' ft. below land surface
Water level was measured using: Tape
Discharge rate measured using: Watch & Bucket
Well was pumped using: Alps
Observed effects on nearby wells: none
Water Quality (taste, odor, color, etc.): Good-none-clear

PERMANENT PUMPING EQUIPMENT
Installed by: Kevin Anderson
Pump Type: Submersible
Mtr. Name: Myers
Model: 8-511
Capacity: Pump delivers 11 GPM at 40 PSI pressure
Power: HP at 3450 RPM Power Source: Electric-220 Volts
Depths: Pump 40 ft. Footpipe 6 ft. Airline 10 ft.
Flow Meter: Model guage installed on 1" in. diameter pipe

CONTRACTOR - NAME OF DRILLING CONTRACTOR
Name of Driller: Ron Anderson
Address: 516 Davis Road-Barrington
City: State: NJ
Zip Code: 08007
License No.: 09801110

Signature of Contractor: Date: 9/10/91

COPIES: White - DEP, Canary - Driller, Pink - Owner

WELREC 132 0430
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes [X] No

Drilling Method: Rud-Rotary

Type of Rig: [X] G.D. 1000

Aquifer/Geo. Fm.: [X] Cohansej

---

**LOG**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>Brown top soil</td>
</tr>
<tr>
<td>1-12</td>
<td>Orange gravel &amp; stone matrix</td>
</tr>
<tr>
<td>12-32</td>
<td>Orange sand-coarse</td>
</tr>
<tr>
<td>32-44</td>
<td>Orange clay-silt/dry</td>
</tr>
<tr>
<td>44-52</td>
<td>Fine yellow sand</td>
</tr>
<tr>
<td>52-68</td>
<td>Yellow sand-medium</td>
</tr>
<tr>
<td>68-85</td>
<td>Yellow sand-coarse</td>
</tr>
</tbody>
</table>

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GWPI No.  
NJPDES No. 

Latitude  
Lat-Long Accuracy: □ 1" □ 5" □ 10" □ 20"

Longitude  

USGS Quadrangle:  
Drainage Basin Code:  
County/Municipality Code:  

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data □ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by:  

---

DEP USE ONLY

Storj Hydrogeo Code:  
USGS Hydrogeo Code:  
Depth to Bedrock: _______ ft.
Bedrock Lith. Code:  
Bedrock Fm. Code:  
Completed by:  
Date: _______ / _______ / _______  

Thick.  
Lith.  
Fm.  

---

WELREC 132 0431
STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES
PERMIT NO. 31-17984
APPLICATION NO. 

WELL RECORD 3117984 COUNTY Gloucester
31,42,133

1. OWNER Dennis J. Stewart
   ADDRESS R. R. #1, Box 1496D, Leonard Cake Road
   Franklinville, N.J.ipe
2. LOCATION Franklin Township - Leonard Cake Road
3. DATE COMPLETED May 15, 1981
   DRILLER F. C. Capel & Son
4. DIAMETER: Top 4 inches Bottom 4 inches TOTAL DEPTH 82 Feet
5. CASING: Type PVC Diameter 4 Inches Length 72 Feet
   Range in Depth
   Top 72 Feet
   Bottom 83 Feet
   Geologic Formation Cohansey
6. SCREEN: Type PVC Size of Opening 20 Diameter 4 Inches Length 10 Feet
   Tail Piece: Diameter None Inches Length Feet
7. WELL FLOWS NATURALLY not Gallons per minute at Feet above surface
   Water rises to Feet above surface
8. RECORD OF TEST: Date May 15, 1981 Yield 70 Gallons per minute
   Static water level before pumping 19 Feet below surface
   Pumping level 19 feet below surface after 4 hours pumping
   Drawdown none Feet Specific Capacity Gals. per min. per ft. of drawdown
   How pumped air lift How measured
   Observed effect on nearby wells none
9. PERMANENT PUMPING EQUIPMENT:
   Type Submersible Mfrs. Name Gould
   Capacity 10 G.P.M. How Driven electric H.P. 1/2 R.P.M. 
   Depth of Pump in well 50 Feet Depth of Footpiece in well Feet
   Depth of Air Line in well Feet Type of Meter on Pump Size Inches
10. USED FOR Domestic AMOUNT
   Average 400 Gallons Daily
   Maximum 500 Gallons Daily
11. QUALITY OF WATER Good Sample: Yes No X
    Taste none Odor none Color clear Temp. 56 OF.
12. LOG on reverse side Are samples available? No
   (Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy.)
13. SOURCE OF DATA Drilling of well
14. DATA OBTAINED BY F. C. Capel & Son Date June 15, 1981

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
0 - 8  gravel
8 - 10  yellow clay
10 - 30  fine to coarse yellow sand with clay chips
30 - 33  yellow clay
33 - 35  coarse yellow sand and stones
35 - 55  sandy yellow clay
55 - 57  fine to coarse yellow sand
57 - 70  sandy yellow clay
70 - 82  fine to coarse yellow sand

Manganese  .04
Iron  .05
Nitrates  2.7
pH  6.0
Total  0
Coliform
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD 3109726
31-42-133

1. OWNER MRS MARIE JAYNE  ADDRESS Leonard Cake Rd. Franklinville
Owner's Well No.  SURFACE ELEVATION 90 Feet
(Above mean sea level)

2. LOCATION Right rear of house

3. DATE COMPLETED March 76  DRILLER a VANCE SKINNER COMPANY INC

4. DIAMETER: top 4 Inches  Bottom 4 Inches  TOTAL DEPTH 62 Feet

5. CASING: Type PVC  Diameter 4 Inches  Length 52 Feet

6. SCREEN: Type PVC  Size of Opening 020  Diameter 4 Inches  Length 10 Feet
Range in Depth
Top 52 Feet
Bottom 62 Feet
Geologic Formation Toh

Tail piece: Diameter None Inches  Length __________ Feet

7. WELL FLOWS NATURALLY No Gallons per Minute at __________ Feet above surface
Water rises to __________ Feet above surface

8. RECORD OF TEST: Date None  Yield __________ Gallons per minute
Static water level before pumping __________ Feet below surface
Pumping level __________ feet below surface after __________ hours pumping
Drawdown __________ Feet  Specific Capacity __________ Gals. per min. per ft. of drawdown
How Pumped __________  How measured __________
Observed effect on nearby wells __________

9. PERMANENT PUMPING EQUIPMENT:
Type Jet Pump  Mfrs. Name
Capacity 10 G.P.M.  How Driven Electric  H.P. 1  R.P.M. 3450
Depth of Pump in well N/A Feet  Depth of Footpiece in well __________ Feet
Depth of Air Line in well No Feet  Type of Meter on Pump __________ Size __________

10. USED FOR Domestic  AMOUNT
Average 300 Gallons Daily
Maximum __________ Gallons Daily

11. QUALITY OF WATER Good  Sample: Yes X  No
Taste Slight  Odor No  Color No  Temp. __________

12. LOG See attached sheet  Are samples available? No
(Give details on back of sheet or on separate sheet. If electric log was made, please
furnish copy)

13. SOURCE OF DATA Well records  VSCI

14. DATA OBTAINED BY WVS  Date 1-22-77

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated,
analysis of the water, sketch map, sketch of special casing arrangements etc.)
<table>
<thead>
<tr>
<th>TEST</th>
<th>REQ?</th>
<th>PREC.</th>
<th>QUAN.</th>
<th>METH.</th>
<th>TECH.</th>
<th>IN.</th>
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<tr>
<td>Alkalinity</td>
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<tr>
<td>Aluminum</td>
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<td>B.O.D.</td>
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<td>Bromides</td>
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<td>Carbon Dioxide</td>
<td>13.9</td>
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<td>Chlorides Total</td>
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<td>Chi,Hydrocarbons</td>
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<td>Chromate</td>
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<td>Hydrogen Sulfide</td>
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<td>Iron (Ferrous)</td>
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<tr>
<td>Lead</td>
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<tr>
<td>Magnesium</td>
<td>less than 0.05</td>
<td>ppm</td>
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<tr>
<td>Manganese</td>
<td>less than 0.005</td>
<td>ppm</td>
<td></td>
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<tr>
<td>Anionic (ABS&amp;LAS)</td>
<td>less than 0.05</td>
<td>ppm</td>
<td></td>
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</tr>
<tr>
<td>Anionic (sulfated)</td>
<td>less than 0.01</td>
<td>ppm</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**CHEMICAL**

- Acid: Mercury
- Alkalinity: Nickel
- Aluminum: Nitrate
- Ammonia: Nitrite
- Arsenic: Odor
- B.O.D.: Oil & Grease
- Bromides: Pesticides
- Carbon Dioxide: pH
- Cadmium: Phenols
- Cal. Hardness: Phos. Ortho
- Chlorides: Residue Tot.
- Chlorides OTA: Residue Filtr.
- Chlorides Total: Residue Non-Filt.
- Chi,Hydrocarbons: Set. Material
- Chromate: Sodium
- Copper: Solids
- Diss. Solids: Sulfate
- Fluorides: Sulfide
- Hardness: Sulfite
- Hydrogen Sulfide: Sus. Matter
- Iron (Ferric): Toxicants
- Iron (Ferrous): Turbidity
- Kjeldahl N: T.D.S.
- Lead: Total Solids
- Magnesium: Zinc
- Manganese: less than 0.05 ppm
- Anionic (ABS&LAS): less than 0.05 ppm
- Anionic (sulfated): less than 0.01 ppm

**BACTERIOLOGICAL**

- Total Cells: 0/100ml
- Coliform: 0/100ml
- Faecal Strep.: 0/100ml

Remarks: Bacteriologically this water considered safe for human consumption.

"Certified Public Health Laboratory"
Screen-Length & Material
10 ft. PVC
Type of Seal—Top & Bottom
NIP
Pump used with well
62' 1½" adapter
Depth of Well
0
60
120
180
Bottom of Hole
10
70
130
190
pale orange
med. gr. sand
pale orange
med. gr. gravel
white sandy
granules
very pale
yellowish orange
med. gr. granules
sand

31.42.133
31.9726
31.09726
31.42.133
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

1. OWNER: James Fallist
ADDRESS: Leonard Cake Road, Franklin Twp., N.J.
Owner's Well No.: 4
Surface Elevation: 125 Feet (Above mean sea level)

2. LOCATION: Leonard Cake Road, Franklin Township, N.J.

3. DATE COMPLETED: 3-9-77
DRILLER: M. J. Dechamps #1065

4. DIAMETER: top 1 1/2 inches Bottom 1 1/2 inches
TOTAL DEPTH: 50 Feet

5. CASING: Type Galv. Steel
Diameter: 1 1/2 inches
Length: 45 Feet

6. SCREEN: Type S.S.
Size of Opening: 60
Diameter: 1 1/2 inches
Length: 5 Feet

Range in Depth:

Top: 12 Feet
Geologic Formation: 
Bottom: 12 Feet
Tail piece: Diameter: 1 1/2 inches
Length: 5 Feet

7. WELL FLOWS NATURALLY: Gallons per Minute at 0 Feet above surface
Water rises to 0 Feet above surface

8. RECORD OF TEST: Date: 3-9-77
Yield: 20 Gallons per minute
Static water level before pumping: 15 Feet below surface
Pumping level: 15 Feet below surface after 2 hours pumping
Drawdown: 5 Feet
Specific Capacity: 0.06 Gals. per min. per ft. of drawdown
Now Pumped: Deep Well Pumping
Now measured: 5 gal. container
Observed effect on nearby wells: None

9. PERMANENT PUMPING EQUIPMENT:

Type: S.W. Jet
Manufacturer: Myers
Capacity: 7 G.P.M.
Now Driven: Electric
N.P.: 1/4
R.P.M.: 3450

Depth of Pump in well: 20 Feet
Depth of Footprint in well: 25 Feet
Depth of Air Line in well: 30 Feet
Type of Water on Pump: 
Size: inches

10. USED FOR: Domestic
Amount: Average: 200 Gallons Daily
Maximum: 400 Gallons Daily

11. QUALITY OF WATER:

Sample: Yes
No.

Taste: None
Odor: None
Color: Clear
Temp: 55°

12. LOG: Are samples available?

13. SOURCE OF DATA: Charles Hitzelberger #1066

14. DATA OBTAINED BY: Charles Hitzelberger #1066 Date: 3-9-77

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements etc.)
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

OWNER

ADDRESS
Fresnella Rd. Groveland o.s.

DATE COMPLETED 5/11/77
DRILLER Warren Rallin

DIAMETER: top 4 inches Bottom 4 inches TOTAL DEPTH 50 feet

CASING: Type Stee Diameter 4 inches Length 40 feet

SCREEN: Type Brass Size of Opening 20 Diameter 4 inches Length 10 feet

Range in Depth

Top _______ Foot Geologic Formation Chassah

Bottom _______ Foot

Tall placed Diameter _______ inches Length _______ feet

WELL FLOWS NATURALLY 100 Gallons per Minute at _______ feet above surface

WATER RISES TO _______ feet above surface

RECORD OF TEST: Date 5/10/77 Yield 10 Gallons per minute

Static water level before pumping _______ feet below surface

Pumping level _______ feet below surface after _______ hours pumping

Drawdown _______ feet Specific Capacity _______ G.P.M. per min. per ft. of drawdown

New Pumped Air Compressor: New measured 100 G.P.M.

Observed effect on nearby wells None

PERMANENT PUMPING EQUIPMENT:

Type NPT Installed By Mrs. Nune

Capacity _______ G.P.M. New Driven _______ H.P. _______ R.P.M.

Depth of Pump in well _______ feet Depth of Footplace in well _______ feet

Depth of Air Line in well _______ feet Type of Water on Pump _______ Size _______ inches

USED FOR Domestic _____ AMOUNT ______

Maxima _______ Gallons Daily

Average _______ Gallons Daily

QUALITY OF WATER:

Sample: Yes No

Taste None Odor None Color Clear Temp. 54

LOG

Are samples available? Yes No

SOURCE OF DATA Warren Rallin

DATA OBTAINED BY Warren Rallin

Date 5/10/77

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated analysis of water, observations, sketches of special pumping arrangements etc.)
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Application No. _____________
County _____________

Owner: A. J. Sala
Address: R. D. 1 Box 416 Glassboro, N. J.

Owner's Well No. 23
Surface Elevation 100 feet

Location: Delsea Dr. & Williamstown Road Franklinville, N. J.

Date Completed: 5-17-77
Driller: M. J. Dechamps #1065

Diameter: top 2 inches, bottom 2 inches
Total Depth: 30 feet

Casing: Type Galv. Steel
Size of Opening: 60
Diameter: 2 inches
Length: 25 feet

Screen: Type SS
Range in Depth:
Top Diameter: 35 feet
Bottom Diameter: 23 feet
Geologic Formation: ____________

Tailpiece Diameter: 35 inches
Length: __________ feet

Well Flows Naturally
Gallons per Minute at __________ feet above surface
Water rises to __________ feet above surface

Record of Test: Date 5-17-77
Yield: 25 Gallons per minute
Static water level before pumping __________ feet below surface
Pumping level __________ feet below surface after __________ hours pumping
Drawdown __________ feet
Specific Capacity __________ Gals. per min. per ft. of drawdown
New Pumped: Dewatering Pump
New measured: 5 gal container

Observed Effect on nearby wells: None

Permanent Pumping Equipment:
Type: S. W. Jet
Mfr. Name: Gould
Capacity: 30 G.P.M.

New Driven: Yes
Elect. Motor H.P.: 1
R.P.M. 3450

Depth of Pump in well: __________ feet
Depth of Footplace in well: __________ feet

Depth of Air Line in well: __________ feet
Type of Motor on Pump: __________
Size: __________ inches

Used For:
Tap Room

Amount: Average: 1000 Gallons Daily
Max: __________ Gallons Daily

Quality of Water: Good
Sample: Yes

Tests:

Taste: None
Odor: None
Color: Clear
Temp: 55° F

Log:
(since details on back of sheet or on separate sheet. If electrical log was made, give
furnish copy)

Are samples available?

Source of Data: M. J. Dechamps #1065

Data Obtained By: M. J. Dechamps #1065
Date: 5-17-77

Note: Use other side of this sheet for additional information such as log of materials penetrated
throughout entire casing assessments etc.)
OWNER: Anthony Lopedoto  ADDRESS: Lenora Lake Rd. Franklinville, N.J.

SURFACE ELEVATION: 100 Feet

DATE COMPLETED: Dec. 77  DRILLER: Vance Skirvin Co.

DIAMETER: Top 4 inches  Bottom 4 inches  TOTAL DEPTH: 60 Feet

CASING: Type: PVC  Diameter: 4 inches  Length: 30 Feet

SCREEN: Type: PVC  Size of Opening: 5/8"  Diameter: 4 inches  Length: 30 Feet

Range in Depth: Top 30 Feet  Bottom 60 Feet  Geologic Formation:陶

Tall Hole Diameter: 4 inches  Length: 360 Feet

WELL FLOWS NATURALLY: Gallons per Minute at 150 Feet above surface

WATER rises to 40 Feet above surface

RECORD OF TEST: Date:  Static water level before pumping: 10 Feet below surface

Yield: Gallons per minute  Pumping level: 50 Feet below surface after: 10 hours pumping

Drawdown: 50 Feet  Specific Capacity: 4 Gals. per min. per ft. of drawdown

New Pumped:  80 Feet  Now measured:

Observed effect on nearby wells: 

PERMANENT PUMPING EQUIPMENT:

Type: unknown  Mfr. Name: unknown


Depth of Pump in well: 60 Feet  Depth of Footplace in well: 60 Feet

Depth of A.F. Line in well: 60 Feet  Type of Meter on Pump:  Size: inches

USED FOR:  AMOUNT: 

QUALITY OF WATER:

Taste: None  Odor: None  Color: clear  Temp: 50°F

LOG:

Are samples available?  No

SOURCE OF DATA:  Well Record - Vance Skirvin Co.

DATA OBTAINED BY: Thomas Kelleher  Date: June 2, 79

(HOPE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements etc.)
First water line

Water line in well

Screen — Length & Material

Type of Seal — Top & Bottom

Pump used with well

Lot

Index

Permit No.

Appro. Ft.

Electric Log

Water Analysis

slightly

clumpy range

brown sand

10

70

130

190

200

40

100

160

220

50

110

170

230

31/2/318

3/4/2/132
DEPARTMENT OF ENVIRONMENTAL PROTECTION

31/3457
31.32.798

WELL RECORD

1. OWNER P & C Enterprises
   ADDRESS 10380 S 322A, Newfield
   Owner's Well No. 
   SURFACE ELEVATION 
   (Above mean sea level) Feet

2. LOCATION 
   Elberta Ave. Franklin Twp. Gloucester Co.

3. DATE COMPLETED 8-14-78 DRILLER Dave Mattis

4. DIAMETER: top 8 inches Bottom 8 inches TOTAL DEPTH 70 Feet

5. CASING: Type PVC Diameter 4 inches Length 60 Feet

6. SCREEN: Type PVC Size of Opening 6 Diameter 3 inches Length 10 Feet
   Range in Depth
   Top __________ Feet
   Bottom __________ Feet
   Geologic Formation __________
   Tail piece: Diameter __________ Inches Length __________ Feet

7. WELL FLOWS NATURALLY _______ Gallons per Minute at _________ Feet above surface
   Water rises to _________ Feet above surface

8. RECORD OF TEST: Date ___________ YIELD _______ Gallons per minute
   Static water level before pumping _________ Feet below surface
   Pumping level _________ feet below surface after _________ hours pumping
   Drawdown _________ Feet Specific Capacity _________ Gals. per min. per ft. of drawdown
   How Pumped __________________________ How measured __________________________
   Observed effect on nearby wells __________________________

9. PERMANENT PUMPING EQUIPMENT:
   Type __________ Mfrs. Name __________
   Capacity _______ G.P.M. How Driven __________ H.P. _______ R.P.M. _______
   Depth of Pump in well _________ Feet Depth of Footpiece in well _________ Feet
   Depth of Air Lift in well _________ Feet Type of Water on Pump _________ Size _________

10. USED FOR Domestic
    AMOUNT
    Average _______ Gallons Daily
    Maximum _______ Gallons Daily

11. QUALITY OF WATER Good
    Taste __________ Odor __________ Color __________ Temp. __________
    Are samples available? __________________________

12. LOG
    (Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy)

13. SOURCE OF DATA O' Bostino Well Drilling Inc.

14. DATA OBTAINED BY __________________________ Date __________

(NOTE: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements etc.)

WELREC 129 2502
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Permit No. 3133520
Application No. 31-32-799
County

WELL RECORD

1. OWNER JOHANNES GIRSANG
   Address 123 Oak Drive WLO MT
   Owner's Well No. 3 Surface Elevation 50 Feet
   (Above mean sea level)

2. LOCATION Lot 10 Block 13-9 FRANKLIN TWP.

3. DATE COMPLETED NOV 75 DRILLER EMILE GABURDO

4. DIAMETER: top 2" inches Bottom 2" inches TOTAL DEPTH 80 Feet

5. CASING: Type GALV Diameter 2" inches Length 50 Feet

6. SCREEN: Type STAINLESS Opening 3/8 Diameter 2" inches Length 40 Feet
   Range in Depth:
   Top 80 Feet
   Bottom 40 Feet
   Geologic Formation SAND

   Tail piece: Diameter 3/4" inches Length 40 Feet

7. WELL FLOWS NATURALLY Gallons per Minute at Feet above surface
   Water rises to Feet above surface

8. RECORD OF TEST: Date 10/5/75 Yield 80 Gallons per minute
   Static water level before pumping TWELVE FEET
   Feet below surface
   Pumping level TWELVE feet below surface after 18 hours pumping
   Drawdown 18 Feet Specific Capacity 15 Gals. per min. per ft. of drawdown
   How Pumped RIESEN WELL METER
   How measured
   Observed effect on nearby wells NONE

9. PERMANENT PUMPING EQUIPMENT:
   Type JET Mfrs. Name GMX RITE
   Capacity 15 G.P.M. How Driven G.E.C. H.P. 1 HP R.P.M.
   Depth of Pump in well 50 Feet Depth of Footprint in well 25 Feet
   Depth of Air Line in well 10 Feet Type of Water on Pump Pressure Size 6 Inches

10. USED FOR DOMESTIC AMOUNT
    DOMESTIC
    Amount
    Average Gallons Daily
    Maximum Gallons Daily

11. QUALITY OF WATER Sample: Yes No
    Taste
    Odor
    Color
    Temp. °F

12. LOG Are samples available?
    (Give details on back of sheet or on separate sheet. If electric log was made, please
    furnish copy)

13. SOURCE OF DATA WELL DRILLER

14. DATA OBTAINED BY EMILE GABURDO Date NOV 75

(NOtes: Use other side of this sheet for additional information such as log of materials penetrated,
analysis of the water, sketch map, sketch of special casing arrangements etc.)
WELL RECORD

Well Permit No. 31-38512
Atlas Sheet Coordinates 31-32-796

OWNER IDENTIFICATION
Owner: POCH, BILL
Address: 1800 STATION ROAD
City: FRANKLINVILLE
State: NJ
Zip Code

WELL LOCATION
If not the same owner please give address:
Owner’s Well No.
Address: Elberta & Champion Road
County: Gloucester
Municipality: FRANKLIN TWP
Lot No.: 3
Block No.: 4104

WELL USE
withdrawal
Status: in use

WATER USE
Domestic
Average 500 gals. daily
Maximum 1800 gals. daily

WELL CONSTRUCTION
Date well completed: 2/19/92
Depths: Total 65 ft.
Diameter: Top 6 in.
Bottom 6 in.

BOREHOLE DIMENSIONS

Land Surface Elevation at well: 105 ft.
Elevation was determined using: estimated from map
Casing Height (stick-up) below land surface: 21 ft.

<table>
<thead>
<tr>
<th>Casing</th>
<th>DEPTH TO TOP (FT.)</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>58</td>
<td>2</td>
<td>PVC sch. 40</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Screen 1</td>
<td>58</td>
<td>7</td>
<td>PVC slot .015</td>
</tr>
<tr>
<td>4</td>
<td>Screen 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Gravel Pack</td>
<td>56</td>
<td>9</td>
<td>#1 &amp; #2 well gravel</td>
</tr>
<tr>
<td>7</td>
<td>Grout</td>
<td>0</td>
<td>56</td>
<td>bentonite slurry</td>
</tr>
</tbody>
</table>

WELL FLOWS NATURALLY

Water rises to ft. above the land surface.

RECORD OF TEST
Test Date: 2/19/92
Static water-level before pumping: 16 ft. below land surface.
Water level was measured using: lift/pump
Discharge rate measured using: bucket/timer
Well was pumped using: Jet
Observed effects on nearby wells: none
Water Quality (taste, odor, color, etc.): okay

hooked up customer's existing pump & tank

PERMANENT PUMPING EQUIPMENT

Mfrs. Name: D’Agostinos
Installed by: D’Agostinos
Pump Type: Jet
Model: N/A

CAPACITY: Pump delivers 10 GPM at 40 PSI pressure.
POWER: 1/2 HP at 3450 RPM
DEPTHS: Pump 36 ft., Footpiece 36 ft., Airline 36 ft.
FLOW METER: Model

CONTRACTOR
Name of Drilling Contractor: D’AGOSTINO WELL DRILLING
Address: RR#8, box 122
City: Bridgeton, NJ 08302
Name of Driller: David Mattus
License No.: 1005

Signature of Contractor

Date: 2/25/92

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  □ Yes  □ No

Drilling Method  Mud Rotary

Type of Rig  Cyclone Rig

Aquifer/Geo. Fm.

LOG

0' - 15' gravel redish packed
15' - 30' sand light and dark brown medium to fine clay bits
30' - 40' sand brown fine to medium bits of clay
40' - 55' sand fine and medium light and dark brown
55' - 65' sand light and dark brown medium to fine

GWPI No.  -  
NJPDES No.  -  
Latitude  °  '  "  
Lat-Long Accuracy  □ 1"  □ 5"  □ 10"  □ 20"
USGS Quadrangle  
Drainage Basin Code  
OTHER FILES:  □ Lithologic Log  □ Samples Available  □ Aquifer Test  □ Water Level Date
□ Geophysical Logs  □ Water Chemistry  □ Pollution Case
□ Water Level Date

Completed by __________________________
Date ________ / ________ / ________

Thick.  Lith.  Fm.

WELREC 129 2528
WELL RECORD

Well Permit No. 31 - 38937
Atlas Sheet Coordinates 31: 32: 799

OWNER IDENTIFICATION  - Owner: WHITNEY JAMES
Address: 1549 D CARMON AVENUE
City: FRANKLINVILLE
County: Gloucester
Municipality: Franklin Twp
Lot No.: 17
Block No.: 4116

WELL LOCATION - If not the same owner please give address. Owner's Well No. ________
Address: __________________________
County: Gloucester
Municipality: Franklin Twp
Lot No.: ________
Block No.: ________

WELL USE - Domestic Replacement
Status: __________________________

WATER USE - Domestic Average 600 gals. daily Maximum 750 gals. daily

WELL CONSTRUCTION - Date well completed 4/29/92
BOREHOLE DIMENSIONS - Depths: Total 100 ft. Finished 100 ft.
Diameter: Top 8 in. Bottom 8 in.

Land Surface Elevation at well ________ ft. Elevation was determined using ________
Casing Height (stick-up) above land surface 1.2 ft.

DEPT TO TOP (FT.)  LENGTH (FT.)  DIAMETER (IN.)  TYPE AND MATERIAL
Casing 1  91.2  4  PVC FJ sch 40
Casing 2  90  10  PVC FJ sch 40 (0.010)
Casing 3  ________  ________  ________  ________
Screen 1  85  15  H1 well gravel
Screen 2  3  82  Bentonite
Tail Piece  ________  ________  ________  ________
Gravel Pack  ________  ________  ________  ________
Grout  ________  ________  ________  ________
Grouting Method  Tremie Method

WELL FLOWS NATURALLY ________ gals. per min. at ________ ft. above the land surface.
Water rises to ________ ft. above the land surface.

RECORD OF TEST - Test Date 4/29/92
Static water-level before pumping ________ ft. below land surface. Water level ________ ft. below land surface after ________ hrs. of pumping.
Water level was measured using ________ M-SCOPE
Discharge rate measured using ________ Air-lift
Well was pumped using ________
Observed effects on nearby wells ________
Water Quality (taste, odor, color, etc.) ________

PERMANENT PUMPING EQUIPMENT - Installed by Uni-Tech Pump Type Submersible
Mfr's Name myers
CAPACITY: Pump delivers ________ GPM at ________ PSI pressure.
POWER: ________ HP at ________ RPM Power Source ________
FLOW METER: Model ________ installed on ________ in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor: P.O. Box 467 Clayton
Address: State NJ Zip Code 08312
City: Name of Driller: Joseph Jester

Signature of Contractor: __________________________ Date 4/30/92


WELREC 129 2538
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No
Drilling Method: Rotary
Type of Rig: 1500 Failing
Aquifer/Geo. Fm.: Cohansy

LOG

0-8 cm sand orange w/ some med gravel.
8-17 white, Red tan clay.
17-80 Med to fine tan sand mixed w/ white tan clay lenses.
80-100 cm fine sand, tan, some fine gravel.

GWI No. __________-__________ NJPDES No. __________-__________

Latitude _______° _______' _______" Longitude _______° _______' _______"
Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"

USGS Quadangle

Drainage Basin Code

Other Files: □ Lithologic Log □ Samples Available □ Aquifer Test
□ Geophysical Logs □ Water Chemistry □ Water Level Data
□ Pollution Case

Checked by ___________________________ Date _______/_____/_______
New Jersey Department of Environmental Protection
Bureau of Water Allocation
MONITORING WELL RECORD

Well Permit No. 31-51401
Atlas Sheet Coordinates 31 32 877

OWNER IDENTIFICATION - Owner SOUTH JERSEY GAS CO.
Address 215 CATHE RD.
City MONGE CITY
State NJ
Zip Code

WELL LOCATION - If not the same as owner please give address.
Owner's Well No. DA-1
County GLOUCESTER
Municipality FRANKLIN TWP
Lot No. 8A
Block No. 66
Address FRICKS MILL/BLACKSTONE RD.
DATE WELL STARTED 6/9/97
DATE WELL COMPLETED 6/10/97

TYPE OF WELL (as per Well Permit Categories) BORING
Regulatory Program Requiring Well
Case I.D. 

CONSULTING FIRM/FIELD SUPERVISOR (if applicable) HAKO
Tele. # 610-344-7202

WELL CONSTRUCTION
Total depth drilled 200 ft.
Well finished to 200 ft.

Borehole diameter:
Top 8 in.
Bottom 6 in.

Well was finished: ☐ above grade ☑ flush mounted

If finished above grade, casing height (stick up) above land surface — ft.

Was steel protective casing installed? Yes ☑ No ☐

Static water level after drilling N/A ft.

Water level was measured using —

Well was developed for — hours at — gpm

Method of development —

Was permanent pumping equipment installed? ☐ Yes ☑ No

Pump capacity — gpm

Pump type: —

Drilling Fluid BENTONITE Type of Rig HILLIARD ATV

Health and Safety Plan submitted? Yes ☑ No ☐

Level of Protection used on site (circle one) ☐ None ☐ C ☐ B ☐ A

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company M & R SOIL INVESTIGATIONS, INC.
Well Driller (Print) DOUGLAS C. WALKER
Driller's Signature
Registration No. 5-1957 Date 6/18/97

GEOL O GIC LOG

Note each depth where water was encountered in consolidated formations.

MF SAND & TILL
CLAY CENSIS
0 - 140'

CLAY
140 - 200'

COKE BREKLE

GRUEL BENTONITE

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td>0</td>
<td>10</td>
<td>8</td>
<td>SCH.70 PVC</td>
<td>40</td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>0</td>
<td>200</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>160</td>
<td>200</td>
<td>6</td>
<td>COKE BREKLE</td>
<td>1800 lbs.</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>190</td>
<td>6</td>
<td>Neat Cement Bentonite</td>
<td>203 lbs.</td>
</tr>
</tbody>
</table>

Grouting Method TREMIE
Drilling Method MUD ROTARY

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
WELL RECORD

Well Permit No. 31 - 37857
Atlas Sheet Coordinates 31 : 32 : 798

OWNER IDENTIFICATION - Owner: KALNAS, CHARLES R.
Address: 1676 STATION ROAD
City: FRANKLINVILLE
State: NJ
Zip Code

WELL LOCATION - If not the same owner please give address. Owner's Well No. 1
Address: 
County: 
Municipality: FRANKLIN TWP
Lot No. 6 Block No. 4109

WELL USE - Use: DOMESTIC
Status: 

WATER USE - Use: DRINKING
Average: 500 gals. daily
Maximum: 750 gals. daily

WELL CONSTRUCTION
Date well completed: 10/24/91
Depths: Total 100 ft.
Diameter: Top 4' in.
Bottom 8" in.

BOREHOLE DIMENSIONS
Land Surface Elevation at well +1.5 ft.
Elevation was determined using

Casing Height (stick-up) above land surface +1.5 ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP (FT.)</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing 1 90' - 0'</td>
<td>90'</td>
<td>4&quot;</td>
<td>SUB40 PVC</td>
</tr>
<tr>
<td>Casing 2 100' - 90'</td>
<td>10'</td>
<td>4&quot;</td>
<td>SCI40 PVC #205047</td>
</tr>
<tr>
<td>Screen 1 85' - 0'</td>
<td>15'</td>
<td>8&quot;</td>
<td>BON0406FZ</td>
</tr>
</tbody>
</table>

WELL FLOWS NATURALLY

Water rises to ft. above the land surface.

RECORD OF TEST
Static water-level before pumping 30 ft. below land surface.
Water level was measured using 30 - 50 PC.
Discharge rate measured using AIRLIFT.
Well was pumped using Other.
Observed effects on nearby wells None.
Water Quality (taste, odor, color, etc.) NOD.

PERMANENT PUMPING EQUIPMENT
Mfrs. Name: Richard's
Installed by: Richard's Well Drilling
CAPACITY: Pump delivers 15 GPM at 50 PSI pressure.
POWER: 1 HP at 3450 RPM
DEPTH: Pump 60' ft. Footpiece 85' ft.
FLOW METER: Model installed on in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor
Richard's Well Drilling
Box 244 Newport Road
Millville, NJ 08332

Date 11/4/91

WELREC 129 2525
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  □ Yes  □ No
Drilling Method  MUDDY DRILL
Type of Rig  FAILING 1500
Aquifer/Geo. Fm.  COHAN 15/1

<table>
<thead>
<tr>
<th>Depth Range</th>
<th>Description</th>
<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-16'</td>
<td>M.I.F. (SAND)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16'-25'</td>
<td>M.I.F. (SAND) SOM. CLAY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25'-35'</td>
<td>SAND (SAND)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35'-40'</td>
<td>SAND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40'-60'</td>
<td>CLAY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60'-70'</td>
<td>SAND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70'-100'</td>
<td>SAND + CLAY</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GWPI No.  _______ - _________  NJPDES No.  _______ - _________
Latitude  _______° _______' _______"  Longitude  _______° _______' _______"
Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"
USGS Quadangle
Drainage Basin Code
OTHER FILES:  □ Lithologic Log  □ Samples Available  □ Aquifer Test  □ Water Level Data
□ Geophysical Logs  □ Water Chemistry  □ Pollution Case

Checked by  __________________________  Date  ______ / ______ / ______

DEP USE ONLY
Storet Hydrogeo Code
USGS Hydrogeo Code
Depth to Bedrock  _______ ft.
Bedrock Lith. Code
Bedrock Fm. Code
Completed by  __________________________
Date  ______ / ______ / ______
WELL RECORD

Well Permit No. 31 - 41589
Adhes Sheet Coordinates 31 : 32 : 785

OWNER IDENTIFICATION - Owner: BAKER, MICHAEL
Address: 1678 STATION RD
City: FRANKLINVILLE
County: GLOUCESTER
 Municipality: FRANKLIN TWP
Lot No.: 2
Block No.: 4108

WELL LOCATION - If not the same owner please give address. Owner's Well No.:
Address: 
County: GLOUCESTER
 Municipality: FRANKLIN TWP
Lot No.: 2
Block No.: 4108

WELL USE: Domestic
WATER USE: Drinking Water
Average 400 gals. daily
Maximum 400 gals. daily

WELL CONSTRUCTION
Date well completed: 6/16/93
Depths: Total 80 ft. Finished 80 ft.
Diameter: Top 8 in. Bottom 8 in.

Land Surface Elevation at well: 110 ft.
Casing Height (stick-up) above land surface: 4 ft.
Elevation was determined using Atlas

SOEHERE DIMENSIONS

<table>
<thead>
<tr>
<th>DEPTH TO TOP</th>
<th>LENGTH</th>
<th>DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>(FT.)</td>
<td>(FT.)</td>
<td>(IN.)</td>
</tr>
<tr>
<td>Casing 1</td>
<td>60</td>
<td>4</td>
</tr>
<tr>
<td>Casing 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen 1</td>
<td>70</td>
<td>10</td>
</tr>
<tr>
<td>Screen 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>9</td>
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</tbody>
</table>

Grouting Method: Pumped

TYPE AND MATERIAL

Screens: Note Slot Size(s)

PVC
PVC 0.20

WELL FLOWS NATURALLY

0 gals. per min. at 0 ft. above the land surface.

Water rises to 0 ft. above the land surface.

RECORD OF TEST

Test Date: 6/16/93
Static water level before pumping: 20 ft. below land surface.
Water level was measured using: SHOE TYPED
Discharge rate measured using: NA
Well was pumped using: NA
Observed effects on nearby wells: NA
Water Quality (taste, odor, color, etc.): GOOD NOW CLEAR

PERMANENT PUMPING EQUIPMENT

Installed by: H. Garrison
Pump Type: Jet

Mfrs. Name: Myers
CAPACITY: Pump delivers 10 GPM at 30 PSI pressure.
POWER: 1/2 HP at 3450 RPM
DEPTH: Pump installed on 30 ft. Airline 42 ft.
FLOW METER: Model NA

CONTRACTOR - Name of Drilling Contractor: H. Garrison
Address: 110 RIECK AVE
City: Millville
State: N.J.
Zip Code: 08032
Name of Driller: Same
License No.: 51049

Signature of Contractor: H. Garrison
Date: 6/18/93

COPIES: White - DEPE
Canary - Driller
Pink - Owner
Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes  □ No

Drilling Method  Rotary

Type of Rig  Mud

Aquifer/Geo, Fm.  Clayey

LOG

0'-10'  Sandstone
10'-20'  Sand, Clay
20'-30'  Clay
30'-45'  Clay
45'-50'  Sand
50'-60'  Clay
60'-70'  Fine Sand
70'-80'  Medium coarse sand
80'-100'  Black Clay

DEP USE ONLY

Storret Hydrogeo Code __________________________
USGS Hydrogeo Code __________________________
Depth to Bedrock __________ ft.
Bedrock Lith. Code __________________________
Bedrock Fm. Code __________________________

Completed by __________________________
Date ______ / ______ / ______

Thick.  Lith.  Fm.

GWPI No.  __________ - __________  NJPDES No.  __________ - __________

Latitude  _______° _______ ' _______ "  Longitude  _______° _______ ' _______ "

Lat-Long Accuracy  □ 1"  □ 5"  □ 10"  □ 20"

USGS Quadrangle __________________________

Drainage Basin Code __________________________

County/Municipality Code __________________________

OTHER FILES:  □ Lithologic Log  □ Samples Available  □ Aquifer Test  □ Water Level Data
□ Geophysical Logs  □ Water Chemistry  □ Pollution Case

Checked by __________________________
Date ______ / ______ / ______
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
Division of Water Policy & Supply

WELL RECORD

3/00470
3/32.790

1. OWNER: Franklin Township Board of Education
   ADDRESS: Franklin Township, N.J.
   Owner's Well No.: Well No.1
   SURFACE ELEVATION: (above mean sea level)

2. LOCATION: 1 mile South of Franklinville on Delsea Drive

3. DATE COMPLETED: 3/6/52
   DRILLER: A. C. Schultes & Sons

4. DIAMETER: Top 6" Inches Bottom 6" Inches
   TOTAL DEPTH: 90 Feet

5. CASING: Type Black Steel
   Diameter: 6" Inches
   Length: 71' 5" Feet

6. SCREEN: Type Cook
   Opening: 0.20 Diameter: 6" Inches
   Length: 20' 1" Feet
   Range in Depth:
   Top 70' Feet
   Bottom 90' Feet
   Geologic Formation: Cohansay
   Tail piece: Diameter: None Inches
   Length: / Feet

7. WELL FLOWS NATURALLY: None Gallons per Minute at / Feet above surface
   Water rises to / Feet above surface

8. RECORD OF TEST: Date: 3/6/52
   Yield: 60 Gallons per minute
   Static water level before pumping: 21 Feet below surface
   Pumping level: 40 feet below surface after 8 hrs.
   Drawdown: 12 Feet
   Specific Capacity: 5 Gals. per min. per ft. of drawdown
   How Pumped: air lift
   Observed effect on nearby wells: None

9. PERMANENT PUMPING EQUIPMENT:
   Type: Deep Well Turbine
   Capacity: 50 Gallons per minute
   How Driven: Electric Motor
   Horse Power: R.P.M.
   Depth of pump in well: 50 Feet
   Depth of Foot piece in well: 68 Feet
   Depth of Air Line in well: 50 Feet
   Type of Meter on Pump: None

10. USED FOR: Supply for school
    AMOUNT:
        Average: 2000 Gallons Daily
        Maximum: 5000 Gallons Daily

11. QUALITY OF WATER: Good
    Sample: Yes / No.
    Taste: None
    Odor: None
    Color: Clear
    Temperature: / °F

12. LOG
    (Give details on back of sheet or on separate sheet)
    Are samples available?

13. SOURCE OF DATA: Driller's Log

14. DATA OBTAINED BY: A. C. Schultes Jr
    DATE: 3/10/52

(Note: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
0' - 12' Sand
12' - 15' Gravel
15' - 17' Gravel mixed with clay
17' - 26' Small gravel
26' - 31' Sandy Clay
31' - 35' Small gravel
35' - 40' Brown Sand
40' - 51' Brown Sand
51' - 53' Red Sand
53' - 91' Fine Sand
91' - 114' Soft Gray Clay
114' - 117' Sand
117' - 125' Musky soft clay
125' - 128' Fine white sand
WELL RECORD

Well Permit No. 31 42536
Atlas Sheet Coordinates 31 : 32 : 799

OWNER IDENTIFICATION: Owner: HOFFMAN, JOSEPH J, JR.
Address: BLACKWOODTOWN RD.
City: FRANKLINVILLE
State: NJ
Zip Code

WELL LOCATION: Owner's Well No. 4
Address: KELSEA DRIVE, FRANKLINVILLE, N. J.
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 5
Block No.: 4204

WELL USE: Withdraw
Status: In Use
WATER USE: Domestic
Average: 600 gals. daily
Maximum: 700 gals. daily

WELL CONSTRUCTION: Date well completed 10/5/93
Depths: Total 108 ft.
Diameter: Top 8 4/16 in.
Bottom 8 4/16 in.
Land Surface Elevation at well 100 ft.
Elevation was determined using Map #31
Casing Height (stick-up) above land surface 1 5/16 ft.

DEPTH TO TOP (FT.) LENGTH (FT.) DIAMETER (IN.) TYPE AND MATERIAL
Casing 1 94 4 PVC F-480
Casing 2
Casing 3
Screen 1 94 10 4 PVC F-480, 10/2.50+
Screen 2
Tail Piece
Gravel Pack 90 18 4 Mori #2
Grout
Grouting Method: Pressure

WELL FLOWS NATURALLY: gals. per min. at ft. above the land surface.
Water rises to ft. above the land surface.

RECORD OF TEST:
Test Date: 10/5/93
Static water-level before pumping 10/5/93
Water level 3 ft. below land surface.
Water level was measured using Geoprobe M-Soepe
Discharge rate measured using 35 gal. drum
Well was pumped using Airlift
Discharge Rate 110 gals. per min.
Specific Capacity gals. per min. per ft. of drawdown
Observed effects on nearby wells Tasteless, Odorless, Clear
Water Quality (taste, odor, color, etc.)

PERMANENT PUMPING EQUIPMENT: Installed by F. C. Capel & Son
Mfrs. Name Myers
CAPACITY: Pump delivers 25 GPM at 50 PSI pressure.
POWER: 1 2 HP at 3450 RPM Power Source Electric
DEPTH: Pump 40 ft.
Airline 20 ft.
FLOW METER: Model J15269

CONTRACTOR: Name of Drilling Contractor: F. C. Capel & Son
Address: RD #2 Box 386-A
City: Mulligan Hill
State: N.J.
License No.: 88042

Signature of Contractor: F. C. Catell
Date: 10/6/93


WELREC 129 2540
WELL RECORD

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  ☐ Yes  ☐ No

Drilling Method:  Rotary

Type of Rig:  Field C F-15

Aquifer/Geo. Fm.:  Kirkwood

LOG

0 - 18 gravel
18 - 30 yellow clay
30 - 55 fine to coarse yellow sand
55 - 85 sandy yellow clay
85 - 95 gray clay
95 - 108 fine to med gray sand

drigtime

DEP USE ONLY

Storret Hydrogeo Code __________________________
USGS Hydrogeo Code __________________________
Depth to Bedrock __________ ft.
Bedrock Lith. Code __________________________
Bedrock Fm. Code __________________________

Completed by __________________________
Date _______ / _______ / _______

Thick.  Lith.  Fm.

GWPI No. __________________________ NJPDES No. __________________________

Latitude 0 ______ ' ______ "  Longitude 0 ______ ' ______ "

Lat-Long Accuracy  ☐ 1"  ☐ 5"  ☐ 10"  ☐ 20"

USGS Quadrangle __________________________ County/Municipality Code __________________________

Drainage Basin Code __________________________ OTHER FILES: ☐ Lithologic Log ☐ Samples Available

☐ Aquifer Test  ☐ Water Level Data

☐ Geophysical Logs  ☐ Water Chemistry  ☐ Pollution Case

Checked by __________________________ Date _______ / _______ / _______

WELREC 129 2541
WELL RECORD

Well Permit No. 31 42798
Atlas Sheet Coordinates 31 : 32 : 796

OWNER IDENTIFICATION - Owner: PURITAN OIL COMPANY INC
Address: P.O. BOX 774
City: BELLMAWR  State: NJ  Zip Code:

WELL LOCATION - If not the same owner please give address.
Address: RT 47
County: GLOUCESTER  Municipality: FRANKLIN TWP  Lot No.: 983  Block No.: 66

WELL USE: NON PUBLC  Status: 
WATER USE: NON PUBLC  Average: 200 gal. daily  Maximum: 300 gal. daily

WELL CONSTRUCTION
Date well completed: 10/29/93
Depths: Total: 100 ft.  Finished: 100 ft.
Diameter: Top: 8 in.  Bottom: 8 in.

Land Surface Elevation at well: 1.6 ft.
Casing Height (stick-up) above land surface: 6 ft.

Screen Material: PVC Sch 40 FJ  PVC Sch 40 FT 0.10

WELL FLOWS NATURALLY:--- gals. per min. at --- ft. above the land surface.
Water rises to --- ft. above the land surface.

RECORD OF TEST:
Test Date: 11/1/93
Static water level before pumping: 28 ft. below land surface.
Water level was measured using: Micro Scope
Discharge rate measured using: Air Lift
Well was pumped using: None
Observed effects on nearby wells: Good - None - Clear

WELL FLOW NATURALLY

WELL FLOW RECORD

PERMANENT PUMPING EQUIPMENT
Installed by: Uni-tech Drilling  Pump Type: Submersible

Mfrs. Name: MYERS  Model:
CAPACITY: Pump delivers: 12 GPM at 25 PSI pressure.
POWER: 12 HP at 1725 RPM  Power Source: 115 V
FLOW METER: Model:

CONTRACTOR - Name of Drilling Contractor: UNI-TECH DRILLING
Address: P.O. BOX 634
City: NEWFIELD  State: NJ  Zip Code: 08344

Name of Driller: JOSEPH JESTER  License No.: 3199

Signature of Contractor: [Signature]

Date: 11/4/93
**WELL RECORD**

**Driller:** Please use the space below for the log description. Note water bearing zones or geological formation.

- **Are samples available?** ☑ Yes  ☐ No
- **Drilling Method:** Mud Rotary
- **Type of Rig:** 1500 Failing
- **Aquifer/Geo., Fm.:** Cohansey

**LOG**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Lith.</th>
<th>Fm.</th>
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<tbody>
<tr>
<td>0'-21'</td>
<td>Tan M-F Sand</td>
<td>Same Clay</td>
</tr>
<tr>
<td>21'-39'</td>
<td>Tan C-M Sand</td>
<td>wi Gravels</td>
</tr>
<tr>
<td>39'-53'</td>
<td>Tan C-M Sand</td>
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</tr>
<tr>
<td>53'-59'</td>
<td>Tan White Clay</td>
<td></td>
</tr>
<tr>
<td>59'-100'</td>
<td>Tan M-C Sand</td>
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</tr>
</tbody>
</table>

**DEP USE ONLY**

- **Storet Hydrogeo Code:**
- **USGS Hydrogeo Code:**
- **Depth to Bedrock:** ft.
- **Bedrock Lith. Code:**
- **Bedrock Fm. Code:**

- **Completed by:**
- **Date:** / / 

<table>
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<tr>
<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
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</tbody>
</table>

**GWPI No.:**

**NJPDES No.:**

- **Latitude:** 0° 0' 0"
- **Longitude:** 0° 0' 0"
- **USGS Quadrangle:**
- **Drainage Basin Code:**
- **County/Municipality Code:**

**OTHER FILES:**

- ☑ Lithologic Log
- ☑ Geophysical Logs

**Checked by:**

**Date:** / / 

**CODE-1 SEE 1.**
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
Division of Water Policy & Supply

WELL RECORD 3100583
31.42.251

1. OWNER John E. Groce
   ADDRESS 1042 Drive, Malaga, N.J.
   Owner’s Well No. 31-857
   SURFACE ELEVATION 12 Feet

2. LOCATION East side of Elba Drive, South of Old Malaga Road, Intersection, Malaga, N.J.

3. DATE COMPLETED 2/19/53
   DRILLER Rudy Szymala

4. DIAMETER: Top 2 Inches Bottom 3/4 Inches
   TOTAL DEPTH 42 Feet

5. CASING: Type Black Steel Diameter 2 Inches Length 37 Feet

6. SCREEN: Type Bore
   Opening #10 Diameter 3/4 Inches Length 5 6 Feet
   Range in Depth Top 37 Feet
   Geologic Formation Sand
   Tail piece Diameter 3/4 Inches Length 42 Feet

7. WELL FLOWS NATURALLY
   10 Gallons per Minute at 0 Feet above surface
   Water rises to 0 Feet above surface

8. RECORD OF TEST: Date 2/20/53
   Yield 10 Gallons per minute
   Static water level before pumping 12 Feet below surface
   Pumping level 7 feet below surface after 6 hours pumping
   Drawdown 7 Feet
   Specific Capacity 5 Gals. per min. per ft. of drawdown
   How Pumped Hand Pump
   How measured 7gal \( \frac{\text{gal}}{\text{min}} \)

9. PERMANENT PUMPING EQUIPMENT: To be installed by owner
   Type
   Capacity Gallons per minute
   How Driven
   Horse Power R.P.M.
   Depth of pump in well Feet
   Depth of Foot piece in well Feet
   Depth of Air Line in well Feet
   Type of Meter on Pump

10. USED FOR Domestic
    AMOUNT
    Average 600 Gallons Daily
    Maximum 760 Gallons Daily

11. QUALITY OF WATER
    Sample: Yes
    No.
    Taste Good.
    Odor None.
    Color Clear.
    Class.
    Temperature 70°F

12. LOG
    (Give details on back of sheet or on separate sheet)
    Are samples available? Yes

13. SOURCE OF DATA On location of well
    DATE 2/20/53

14. DATA OBTAINED BY Rudy Szymala

(Note: Use other side of this sheet for additional information such as lag of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
Log:
50' Aquosy Sand gravel to 12' Top %
12' to 18' Mudwth Stones
18' to 35' Stones with fine Sand
35' to 37' Geoxy Red Rock
37' to 42' Med. Grained Waty Sand
42' to 50' Geoxy redrock & Clay
DEPARTMENT OF CONSERVATION
AND ECONOMIC DEVELOPMENT
Division of Water Policy & Supply
WELL RECORD

3/009/47
3/32.795

1. OWNER Elton Heldcraft
   ADDRESS Station Road, Somery, N.J.
   Owner's Well No. 31-947
   SURFACE ELEVATION 21 Feet
   (above mean sea level)

2. LOCATION 315 Rt. West Hy, Delafield Dr. and 245' North of Station Road

3. DATE COMPLETED May 953
   DRILLER Rudy Shyballa # 433

4. DIAMETER: Top 2 1/2 Inches
   Bottom 2 1/2 Inches
   TOTAL DEPTH 44 Feet

5. CASING: Type Black Steel Pepsi
   Diameter 2 1/2 Inches
   Length 32 Feet

6. SCREEN: Type Punched
   Size of Opening #10
   Diameter 1 3/4 Inches
   Length 5' - 6' Feet
   Range in Depth Top 8 6 Feet
   Bottom 4 Feet
   Geologic Formation Sand.
   Tail piece Diameter None
   Inches Length __________ Feet

7. WELL FLOWS NATURALLY No Gallons per Minute at __________ Feet above surface
   Water rises to __________ Feet above surface

8. RECORD OF TEST: Date May 953
   Yield 600 Gallons per Hour
   Static water level before pumping 2.1 Feet
   Pumping level feet below surface after 1 hours pumping
   Drawdown 25 Feet
   Specific Capacity 2.5 Gals. per min. per ft. of drawdown
   How Pumped GASOLINE PUMP
   How measured 5 gal test
   Observed effect on nearby wells NONE

9. PERMANENT PUMPING EQUIPMENT:
   Type 250 gph. piston
   Capacity 250 Gallons per Hour
   How Driven Electric
   Horse Power 7 1/2 R.P.M. 1750
   Depth of pump in well 35 Feet
   Depth of Foot piece in well 13 Feet
   Depth of Air Line in well 13 Feet
   Type of Meter on Pump

10. USED FOR Domestic
    AMOUNT
        Average __________ Gallons Daily
        Maximum __________ Gallons Daily

11. QUALITY OF WATER
    Good
    Taste Good
    Odor None
    Color Clear
    Chlorine
    Temperature __________ °F

12. LOG (give details on back of sheet or on separate sheet)
    Yes
    Sample: Yes
    No. __________
    Are samples available? Yes

13. SOURCE OF DATA Location of Well
    Rudy Shyballa
    DATE May 9, 1953

(Note: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
Fig: Travel to 19' 20th.
19' 30' Small trace with sand.
31' to 36' Clay
36' to 41' Sand
41' to? Clay

810.0947
31.32.795
DEPARTMENT OF CONSERVATION
AND ECONOMIC DEVELOPMENT
Division of Water Policy & Supply
WELL RECORD 3/1/1946
3/1/42.2

1. OWNER: Isaac Leonard
ADDRESS: Delta Drive, Long N.J.
Owner's Well No.: 31-1646
SURFACE ELEVATION: 11 Feet

2. LOCATION:
75' West of Delta Dr. & 30' N. of Leonard Lane Road.

3. DATE COMPLETED: 10/13/54
DRILLER: Rudy Skyros.

4. DIAMETER: Top: 2 Inches
   Bottom: 1 1/4 Inches
   TOTAL DEPTH: 40 Feet

5. CASING: Type: Black Steel pipe
   Size of Diameter: 2 Inches
   Length: 3 1/2 Feet
   Note: Mud

6. SCREEN: Type: Breez
   Opening: 10
   Diameter: 1 3/4 Inches
   Length: 6 Feet
   Range in Depth:
   Top: 3 1/2 Feet
   Bottom: 40 Feet
   Geologic Formation: Sand
   Tail piece. Diameter: 1 3/4 Inches
   Length: ______ Feet

7. WELL FLOWS NATURALLY: Gallons per Minute at ______ Feet above surface
   Water rises to ______ Feet above surface

8. RECORD OF TEST: Date: 10/13/54
   Yield: 15 Gallons per minute
   Static water level before pumping: 11 Feet below surface
   Pumping level: 21 feet below surface after 1 hours pumping
   Drawdown: 10 Feet
   Specific Capacity: 1.5 Gals. per min. per ft. of drawdown
   How Pumped: Gas or Air Pumper, measured 50 Gals. drum.
   Observed effect on nearby wells

9. PERMANENT PUMPING EQUIPMENT:
   Type: __________
   Capacity: 5 1/2 Gallons per minute
   Horse Power: 2 1/2
   R.P.M.: 1750
   Depth of pump in well: 21 Feet
   Depth of Foot piece in well: ______ Feet
   Depth of Air line in well: ______ Feet
   Type of Meter on Pump: ______

10. USED FOR: Domestic
   AMOUNT:
   Average: 800 Gallons Daily
   Maximum: 900 Gallons Daily

11. QUALITY OF WATER: Good
    Sample: Yes No. 6
    Taste: good
    Odor: none
    Color: clear
    Temperature: 68° F

12. LOG No. ______
    (Give details on back of sheet or on separate sheet)
    Are samples available? No.

13. SOURCE OF DATA: On Location of Well

14. DATA OBTAINED BY: Rudy Skyros
   DATE: 10/13/54

(Note: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements, etc.)
Log: Sand Log of Gravel to 2 1/2'
2 1/2' to 9' Gravel
9' to 17' Sand
17' to 18' Clay
18' to 22' Mud
22' to 40' Sharp Sand
40' to ? Clay
New Jersey Department of Environmental Protection and Energy
Bureau of Water Allocation

WELL RECORD

Well Permit No. 31 - 44028
Atlas Sheet Coordinates 31 : 42 : 133

OWNER IDENTIFICATION - Owner
USDA FARMERS HOME ADMIN.

Address
595 OAK LANE
City MALAGA
State NJ
Zip Code 08328

WELL LOCATION. If not the same owner please give address.
Owner's Well No. 31-44028
Address Same as above
County GLOUCESTER Municipality FRANKLIN TP
Lot No. 33 Block No. 4304

WELL USE
Domestic-
Status In use

WATER USE
Domestic-
Average 300 gals. daily
Maximum 300 gals. daily

WELL CONSTRUCTION
Date well completed 06/28/94

BOREHOLE DIMENSIONS
Depths: Total 70 ft.
Finished 70 ft.
Diameter: Top 8" in.
Bottom 8" in.

Land Surface Elevation at well 1 ft.
Elevation was determined using 1 ft.
Casing Height (stick-up) above land surface

DEPTH TO TOP (FT.) LENGTH DIAMETER TYPE AND MATERIAL
Casing 1 60' 4" PVC sch 40 casing
Casing 2
Casing 3
Screen 1 60' 10' 4" PVC x .010 slot
Screen 2
Tail Piece
Gravel Pack 60' 10' 2" #2 Well Gravel
Grout 60'
Grouting Method Chem grouted/Pressure grouted W/ Trench Pipe

WELL FLOWS NATURALLY gals. per min. at ft. above the land surface.
Water rises to ft. above the land surface.

RECORD OF TEST
Test Date 06/28/94
Static water-level before pumping 10' ft. below land surface.
Water level 10' ft. below land surface after hrs. of pumping.
Water level was measured using Tape
Discharge rate measured using Watch & Bucket
Well was pumped using
Observed effects on nearby wells none
Water Quality (taste, odor, color, etc.) Good, none, clear

PERMANENT PUMPING EQUIPMENT
Installed by Kevin Anderson
MRS Name Myers
Model J-511
CAPACITY: Pump delivers GPM at PSI pressure.
POWER: HP at RPM Power Source electric 220 volts
FLOW METER: Model 2" guage installed on in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor A & H ENVIRONMENTAL DRILLING
Address 516 Davis Road-Barrington, N.J.
City Barrington
Name of Driller Ron Anderson#0980

Signature of Contractor

WELREC 132 0216
**WELL RECORD**

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available?  □ Yes  □ No

Drilling Method  mud-rotary

Type of Rig  G.D. 1000

Aquifer/Geo. Fm.  Cohansey

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**LOG**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>Brown topsoil</td>
</tr>
<tr>
<td>1-6</td>
<td>Fine yellow sand</td>
</tr>
<tr>
<td>6-15</td>
<td>White clay-sol/dry</td>
</tr>
<tr>
<td>15-39</td>
<td>Yellow fine sand</td>
</tr>
<tr>
<td>39-45</td>
<td>Gray clay-sol/dry</td>
</tr>
<tr>
<td>45-55</td>
<td>Fine to medium yellow sand</td>
</tr>
<tr>
<td>55-70</td>
<td>MEDIUM Medium to coarse sand</td>
</tr>
</tbody>
</table>

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**DEP USE ONLY**

Storet Hydrogeo Code

USGS Hydrogeo Code

Depth to Bedrock  ft.

Bedrock Lith. Code

Bedrock Fm. Code

Completed by

Date  /  

Thick.  Lith.  Fm.

---

GWPI No.  -  NJPDES No.  -  

Latitude  °'"  Longitude  °'"

Lat-Long Accuracy  □ 1'  □ 5'  □ 10'  □ 20'

USGS Quadrangle

Drainage Basin Code

County/Municipality Code

OTHER FILES:  □ Lithologic Log  □ Samples Available  □ Aquifer Test  □ Water Level Data

□ Geophysical Logs  □ Water Chemistry  □ Pollution Case

Checked by  

Date  /  

---

WELREC 132 0217
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY
BUREAU OF WATER ALLOCATION

WELL RECORD

WELL PERMIT NO. 31-44245

OWNER IDENTIFICATION - Owner: BRINING, RON & CATHIE
Address: 1262 DELSEA DRIVE
City: FRANKLINVILLE
State: NJ
Zip Code: 08322

WELL LOCATION - If not the same owner please give address:
Owner's Well No. 31-44245
Address: Same
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 9
Block No.: 4902

WELL USE: Domestic
Status: In Use

WATER USE: Domestic
Average: 300 gals. daily
Maximum: 300 gals. daily

WELL CONSTRUCTION
Date well completed: 06/23/94
Depths:
Total: 95 ft.
Finished: 85 ft.
Diameter: Top 8 in.
Bottom 8 in.

Land Surface Elevation at well: _________ ft.
Elevation was determined using: _________
Casing Height (stick-up) above land surface: 1 ft.

DEPTH TO TOP (FT.) LENGTH (FT.) DIAMETER (IN.) TYPE AND MATERIAL
Casing 1 85' 4'' PVC SCH 40 Casing
Casing 2 10' #20 PVC Well Screen
Casing 3 85' #2 Gravel
Screen 1 10' WYO Bond
Screen 2 
Tail Piece 
Gravel Pack 85' 
Grout 0 
Grouting Method: Chem grout/Pressure grouted w/ Tremie pipe

WELL FLOWS NATURALLY: _________ gals. per min. at _________ ft. above the land surface.
Water rises to _________ ft. above the land surface.

RECORD OF TEST
Test Date: 06/23/94
Static water-level before pumping: 25 ft. below land surface.
Water level was measured using: Tape
Discharge rate measured using: Watch & Bucket
Well was pumped using: Air
Observed effects on nearby wells: None
Water Quality (taste, odor, color, etc.): Good None Clear

PERMANENT PUMPING EQUIPMENT
Installed by: KEVIN ANDERSON #0692
Pump Type: Submersible
Model: J-511

Mfrs. Name: Myers
CAPACITY: Pump delivers 11 GPM at 40 PSI pressure.
POWER: 1/2 HP at 3450 RPM
POWER SOURCE: Electric-220 Volts
FLOW METER: Model 2" Guage installed on 1" in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor: A & H ENVIRONMENTAL DRILLING
Address: 516 Davis Road
City: BARRINGTON
State: NJ
Zip Code: 08007
License No.: 0980/1110

ERIC SWIFT SUPERVISED BY RON ANDERSON #0980
Signature of Contractor: RON ANDERSON
Date: 07/01/94

COPIES: White - DEPE, Canary - Driller, Pink - Owner, Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No

Drilling Method: mud rotary

Type of Rig: g-d 1000

Aquifer/Geo. Fm.: cohansey

---

**LOG**

<table>
<thead>
<tr>
<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1</td>
<td>brown topsoil</td>
<td></td>
</tr>
<tr>
<td>1 - 6</td>
<td>yellow fine sand</td>
<td></td>
</tr>
<tr>
<td>6 - 15</td>
<td>white clay</td>
<td></td>
</tr>
<tr>
<td>15-39</td>
<td>yellow fine sand</td>
<td></td>
</tr>
<tr>
<td>39-47</td>
<td>grey clay</td>
<td></td>
</tr>
<tr>
<td>47-63</td>
<td>yellow fine to medium sand</td>
<td></td>
</tr>
<tr>
<td>63-95</td>
<td>yellow med to coarse sand</td>
<td></td>
</tr>
</tbody>
</table>

---

GWPI No. --- NJPDES No. ---

Latitude: _______° _______’ _______" Lat-Long Accuracy: □ 1° □ 5° □ 10° □ 20°

Longitude: _______° _______’ _______"

USGS Quadrangle: --- Drainage Basin Code: ---

County/Municipality Code: --- OTHER FILES: □ Lithologic Log □ Samples Available

□ Aquifer Test □ Water Level Data

□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by: ___________________________ Date: _____ / _____ / _____
New Jersey Department of Environmental Protection and Energy
Bureau of Water Allocation

WELL RECORD

Well Permit No. 31 - 45173
Atlas Sheet Coordinates 31: 32: 874

OWNER IDENTIFICATION - Owner: CRESSENI, JOSEPH MR.
Address: 780 BLACKMOODTOWN ROAD RD 4
City: FRANKLINVILLE
State: NJ
Zip Code: 08320

WELL LOCATION - If not the same owner please give address:
Owner's Well No. 31 45173
Address: same
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 13
Block No.: 102

WELL USE: Domestic
Status: In Use

WATER USE: Domestic
Average: 300 gals. daily
Maximum: 300 gals. daily

WELL CONSTRUCTION
Date well completed: 10 / 25 / 94
Depths: Total 80 ft.
Finished 80 ft.
Diameter: Top 8 in.
Bottom 8 in.

Borehole Dimensions

Land Surface Elevation at well: ---- ft.
Elevation was determined using ----
Casing Height (stick-up) above land surface: 1 ft.

Type and Material
Screens: Note Slot Size(s)

DEPTH TO TOP (FT.) | LENGTH (FT.) | DIAMETER (IN.) | TYPE AND MATERIAL
--- | --- | --- | ---
Casing 1 | 70' | 4" | PVC SCH 40 Casing
Casing 2 | 10' | 4" | #20 PVC Well Screen
Casing 3 | | | 
Screen 1 | 70' | 10' | 
Screen 2 | | | 
Tail Piece | 70' | 10' | 
Gravel Pack | 70' | 10' | 2" | #2 Gravel
Grout | 70' | 10' | 
Grouting Method: Chem grout/Pressure grouted w/ Tremie pipe

WELL FLOWS NATURALLY: ---- gals. per min. at ---- ft. above the land surface.
Water rises to ---- ft. above the land surface.

RECORD OF TEST
Test Date: 10 / 25 / 94
Static water-level before pumping: ---- ft. below land surface.
Water level was measured using: Tape & Bucket
Water level after ---- hrs. of pumping: ---- ft.
Discharge rate measured using: Pump
Discharge Rate: 80 gals. per min.
Well was pumped using: Air
Specific Capacity: 0 gals. per min. per ft. of drawdown
Observed effects on nearby wells: None
Water Quality (taste, odor, color, etc.): Good - None - Clear

PERMANENT PUMPING EQUIPMENT
Pump Type: Submersible
Installed by: Kevin Anderson#0692
Model: J-511
Mfrs. Name: Myers
CAPACITY: Pump delivers 11 GPM at 40 PSI pressure.
POWER: 1/2 HP at 3450 RPM
POWER Source: Electric-220 Volts
DEPTH: Pump 50 ft.
Footpiece: ---- ft.
Airline: ---- ft.
FLOW METER: Model 2" Guage installed on 1" in. diameter pipe.

CONTRACTOR - Name of Drilling Contractor:
A & H ENVIRONMENTAL DRILLING
Address: 516 Davis Road
City: Barrington
State: N.J.
License No.: 0980/1110

Ray Makowski supervised by DAN HANS#1110

Signature of Contractor: 
Date: 11/11/94

COPYIES: White - DEPE
Canary - Driller
Pink - Owner
Green - Health Dept.

WELREC 129 2780
**WELL RECORD**

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

- **Are samples available?** ☐ Yes ☐ No
- **Drilling Method:** mud rotary
- **Type of Rig:** g-d 1900
- **Aquifer/Geo. Fm.:** cohansy

**LOG**

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1</td>
<td>brown topsoil</td>
</tr>
<tr>
<td>1 - 7</td>
<td>yellow fine sand</td>
</tr>
<tr>
<td>7 - 23</td>
<td>yellow clay-solid/dry</td>
</tr>
<tr>
<td>23-39</td>
<td>yellow fine sand</td>
</tr>
<tr>
<td>39-56</td>
<td>yellow sand mixed w/clay</td>
</tr>
<tr>
<td>56-80</td>
<td>yellow medium sand</td>
</tr>
</tbody>
</table>

**DEP USE ONLY**

- **Storet Hydrogeo Code:**
- **USGS Hydrogeo Code:**
- **Depth to Bedrock:**
- **Bedrock Lith. Code:**
- **Bedrock Fm. Code:**

**Completed by**

- **Date:** /

**GWPI No.:** __________

**NJPDES No.:** __________

**Latitude:** __________ ° __________ ' __________"

**Longitude:** __________ ° __________ ' __________"

**Lat-Long Accuracy:**

- ☐ 1"
- ☐ 5"
- ☐ 10"
- ☐ 20"

**USGS Quadrangle:**

**Drainage Basin Code:**

**County/Municipality Code:**

**OTHER FILES:**

- ☐ Lithologic Log
- ☐ Samples Available
- ☐ Aquifer Test
- ☐ Geophysical Logs
- ☐ Water Chemistry
- ☐ Pollution Case

**Checked by:** ____________________________

- **Date:** /

WELREC 129 2781
WELL RECORD

Well Permit No. 31 - 45234
Atlas Sheet Coordinates 31 : 42 : 132

OWNER IDENTIFICATION: Owner: FITZHIAN, CHERIE
Address: RD#5, BOX 1494-D LEONARD CAKE
City: FRANKLINVILLE
State: NJ
Zip Code

WELL LOCATION: If not the same owner please give address. Owner's Well No.: W-2
Address: LEONARD CAKE RD
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 15
Block No.: 4208

WELL USE: Domestic
Status

WATER USE: Domestic
Average 600 gals. daily
Maximum 750 gals. daily

WELL CONSTRUCTION
Date well completed: 10/21/94
 Depths: Total 180 ft.
 Finished 180 ft.
 Diameter: Top 8 in.
 Bottom 8 in.

Land Surface Elevation at well 14 ft.
Elevation was determined using

Casing Height (stick-up) above land surface

<table>
<thead>
<tr>
<th>DEPTH TO TOP (FT.)</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing 1</td>
<td>91.4</td>
<td>4'</td>
<td>PVC SCH 40 FT</td>
</tr>
<tr>
<td>Casing 2</td>
<td>90'</td>
<td>4'</td>
<td>PVC SCH 40 FT</td>
</tr>
<tr>
<td>Casing 3</td>
<td>10'</td>
<td>4'</td>
<td>PVC SCH 40 FT.010</td>
</tr>
<tr>
<td>Screen 1</td>
<td>85'</td>
<td>3'</td>
<td>#1 marie</td>
</tr>
<tr>
<td>Screen 2</td>
<td>15'</td>
<td>8'</td>
<td>Bentonite grout</td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grouting Method</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WELL FLOWS NATURALLY  gals. per min. at  ft. above the land surface.
Water rises to  ft. above the land surface.

RECORD OF TEST
Test Date: 10/21/94
Static water-level before pumping 18 ft. below land surface.
Water level 18 ft. below land surface after  hrs. of pumping.
Discharge rate measured using m-scope.
Water level was measured using Air-Lift.
Discharge Rate gals. per min.
Well was pumped using non-electric pump.
Observed effects on nearby wells good - none - clear.
Water Quality (taste, odor, color, etc.)

PERMANENT PUMPING EQUIPMENT
Installed by Uni-Tech Pump Type Submersible
Mfr's Name: myers
Model
CAPACITY: Pump delivers 12 GPM at 50 PSI pressure.
POWER: 1/2 HP at 1725 RPM Power Source
FLOW METER: Model installed on  in. diameter pipe.

CONTRACTOR: Name of Drilling Contractor: Uni-Tech Drilling
Address: 518 MAIN ST
City: Malaga
State: NJ
Zip Code: 08348
License No.: J 1546

Name of Driller: Christopher Warren

Signature of Contractor: ____________________________
Date 11/8/94

COPIES: White - DEP Canary - Driller Pink - Owner Goldens Rod - Health Dept.
**Well Permit No.** 31-45234 31-42132

**WELL RECORD**

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No

Drilling Method: Mud Rotary

Type of Rig: 1500 Failing

Aquifer/Geo. Fm.: Cohansey

---

**LOG**

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-26'</td>
<td>CMF Tan Orange Sand</td>
</tr>
<tr>
<td>26'-46'</td>
<td>MC Orange Sand</td>
</tr>
<tr>
<td>46'-79'</td>
<td>Tan and White</td>
</tr>
<tr>
<td>79'-100'</td>
<td>M-Tan Sand</td>
</tr>
</tbody>
</table>

---

**DEP USE ONLY**

- Strata Hydrogeo Code
- USGS Hydrogeo Code
- Depth to Bedrock (ft.)
- Bedrock Lith. Code
- Bedrock Fm. Code

Completed by

Date

<table>
<thead>
<tr>
<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

GWPI No.

NJPDES No.

Latitude O_0_0_0_"

Longitude O_0_0_0_"

Lat-Long Accuracy □ 1" □ 5" □ 10" □ 20"

USGS Quadrangle

Drainage Basin Code

County/Municipality Code

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data
□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by

Date
**WELL RECORD**

**OWNER IDENTIFICATION - Owner**
VALENTINO, MIKE & LAURIE
456 E. LAKEVIEW AVE.
FRANKLINVILLE, NJ

**Address**
City
State
Zip Code

**WELL LOCATION - If not the same owner please give address, Owner's Well No.**

**W-1**

**Address**
County
Municipality
Lot No.
Block No.

**WELL USE** Domestic
**Status**

**WATER USE** Domestic
**Average** 600 gals. daily
**Maximum** 750 gals. daily

**WELL USE** Domestic
**Average** 600 gals. daily
**Maximum** 750 gals. daily

**WELL CONSTRUCTION**
**Date well completed** 3/1/95
**Depth** 100 ft.
**as finished**
**Diameter** Top 8 in.
**Bottom** 8 in.

**BOREHOLE DIMENSIONS**
**Land Surface Elevation at well** 12 ft.
**Elevation was determined using**
**Casing Height (stick-up) above land surface** 1.4 ft.

<table>
<thead>
<tr>
<th>DEPTH TO TOP (FT.)</th>
<th>LENGTH (FT.)</th>
<th>DIAMETER (IN.)</th>
<th>TYPE AND MATERIAL</th>
<th>SCREENS: Note Slot Size(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing 1</td>
<td>91.4'</td>
<td>4''</td>
<td>PVC SCH 40 FT</td>
<td></td>
</tr>
<tr>
<td>Casing 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screen 1</td>
<td>90'</td>
<td>4''</td>
<td>PVC SCH 40 FT</td>
<td></td>
</tr>
<tr>
<td>Screen 2</td>
<td>10'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85'</td>
<td>15'</td>
<td>#1 marie cement bentonite grt</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>82'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grouting Method</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WELL FLOWS NATURALLY** gals. per min. at ft. above the land surface.

Water rises to ft. above the land surface.

**RECORD OF TEST**
**Test Date** 3/2/95
**Static water-level before pumping** 15 ft. below land surface.
**Water level** 15 ft. below land surface after hrs. of pumping.
**Discharge rate measured using** Air-Lift
**Specific Capacity** gals. per min. per ft. of drawdown
**Observed effects on nearby wells**
**Water Quality (taste, odor, color, etc.)** good, none, clear

**PERMANENT PUMPING EQUIPMENT**

**Mfrs. Name** Myers
**Installed by** Uni-Tech Drilling
**Model** Pump Type Submersible

**CAPACITY: Pump delivers** 12 GPM at 50 PSI pressure.
**POWER: 1/2 HP at 1725 RPM Power Source**
**DEPTHES: Pump 35 ft. Footpiece ft. Airline ft.**
**FLOW METER: Model** installed on in. diameter pipe.

**CONTRACTOR - Name of Drilling Contractor**
**Address** 8012 Box 1874 MOC In St.
**City** Malaga, NJ
**State** NJ
**Zip Code** 08328
**License No.** 51546
**Name of Driller** Christopher Warren

**Signature of Contractor**

**Date** 3/3/95

**COPIES** White - DEPE Canary - Driller Pink - Owner Goldenrod - Health Dept.
Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

Are samples available? □ Yes □ No

Drilling Method Mud Rotary

Type of Rig 1500 Failing

Aquifer/Geo. Fm. Cohanseyn

LOG

0'-23' C-M-F Tan & Orange sand w/ clay streaks

23'-47' M-C Orange Sand

47'-61' White & Orange Clay w/ F-sand

61'-83' C-M-F Tan and Orange sand w/ clay streaks

83'-100' M-C Tan Sand

GWPI No. _________________ NJPDES No. _________________

Latitude 0° _____ ' _____ ''

Lat-Long Accuracy □ 1'' □ 5'' □ 10'' □ 20''

Longitude _____ 0° _____ ' _____''

USGS Quadrangle

Drainage Basin Code

OTHER FILES: □ Lithologic Log □ Samples Available □ Aquifer Test □ Water Level Data

□ Geophysical Logs □ Water Chemistry □ Pollution Case

Checked by ___________________________ Date ______/_____/______
**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**BUREAU OF WATER ALLOCATION**

### WELL RECORD

**Well Permit Number** 31 - 47422  
**Atlas Sheet Coordinates** 31 - 33 - 797  
**Well Location Address** 244 Tona Lake Rd/AKA Franklin

**Owner** Procida, Judy  
**Address** 244 Tona Lake Rd/AKA Franklin  
**City** Franklinville  
**County** Gloucester  
**Municipality** Franklin Twp  
**Lot No.** 13  
**Block No.** 4001  
**Well Use** Domestic Replacement

**Date Well Started** 8/10/95  
**Date Well Completed** 8/11/95

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>125 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>125 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole Diameter</td>
<td>Top 8&quot; in.</td>
<td>Bottom 8&quot; in.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Casing Begins</td>
<td>1.5 ft. above grade or 1.5 ft. below grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Grouting Method** Pressure Grouted w/ Premie Pipe  
**Drilling Method** Rotary

### GEOLOGIC LOG

<table>
<thead>
<tr>
<th>Depth (ft below land surface)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>Brown Top Soil</td>
</tr>
<tr>
<td>1-28</td>
<td>Orange Coarse Sand</td>
</tr>
<tr>
<td>28-40</td>
<td>Yellow Medium Sand</td>
</tr>
<tr>
<td>40-55</td>
<td>White Medium Sand</td>
</tr>
<tr>
<td>55-75</td>
<td>Grey Fine Sand</td>
</tr>
<tr>
<td>75-95</td>
<td>Grey Fine Sand</td>
</tr>
<tr>
<td>95-125</td>
<td>Grey Med. to Coarse Sand</td>
</tr>
</tbody>
</table>

**Drilling Company** A & H Environmental Drilling

Driller (Print) Raymond Mayhewski  
Supervised by Daniel Hans  
Registration No. JDI101454  
Date 9/10/95

**Records of Test**

- **Test Date** 8/10/95
- **Static Water Level** 15 ft. below land surface
- **Water Level Measured Using** Tape
- **Pumping Water Level** 15 ft. below land surface
- **Well Was Pumped Using** Air
- **Well Yield** 15 gpm
- **If Pump Tested:** Discharge Rate 11/8 gpm  
  Duration of Test 11/8 hours

**Permanent Pumping Equipment**

- **Installed by** Kevin Anderson, Reg. No. P10692  
- **Pump Type** Submersible
- **Capacity** 15 gpm  
  **Horsepower** 1/3

**I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.**

**Drilling Company** A & H Environmental Drilling  
**Well Driller (Print)** Raymond Mayhewski  
**Supervised by** Daniel Hans  
**Registration No.** JDI101454  
**Date** 9/10/95

**Copies:** White - DEP  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.
New Jersey Department of Environmental Protection  
Bureau of Water Allocation  

WELL RECORD  

Well Permit Number  31-47576  
Atlas Sheet Coordinates  31:32:793  

OWNER  George SKRIAPAS  
Address  RD 1 Box 455  
City  Franklinville  State  NJ  Zip Code  08322  

WELL LOCATION ADDRESS  
County  Gloucester  Municipality  Franklin Twp.  Lot No.  44  Block No.  3905  

WELL USE  Domestic  

DATE WELL STARTED  11/18/95  
DATE WELL COMPLETED  11/18/95  

WELL CONSTRUCTION  

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/lin. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>0</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 0.020)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td>87</td>
<td>101</td>
<td></td>
<td>#1</td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>-3</td>
<td>87</td>
<td></td>
<td>Neat Cement Bentonite</td>
<td>11/2 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST  

Test Date  11/18/95  
Static Water Level  17.60 ft. below land surface  
Water Level Measured Using  Mi Scope  
Pumping Water Level  17.60 ft. below land surface  
Well Was Pumped Using  Air Lift  
Well Yield  40 gpm  
If Pump Tested:  Discharge Rate  40 gpm  
Duration of Test  1 hour  

PERMANENT PUMPING EQUIPMENT  

Installed by  Steve Burger  Reg. No.  JD1624  
Pump Type  Submersible  
Depth of Pump below land surface  65 ft.  
Capacity  12 gpm  Horsepower  1/4  

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.  

Drilling Company  JCA Associates, Inc.  
Well Driller (Print)  Steve Burger  
Driller's Signature  [Signature]  
Registration No.  JD1624  Date  11/18/98  

GEOLOGIC LOG  

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-10'</td>
<td>Tan to grayish Brown fine to medium silty sand</td>
</tr>
<tr>
<td>10'-60'</td>
<td>Tan Brown fine-medium sand with silty clay lenses</td>
</tr>
<tr>
<td>60'-65'</td>
<td>Tan Brown fine-medium sand</td>
</tr>
<tr>
<td>65'-101'</td>
<td>Tan Brown medium sand</td>
</tr>
</tbody>
</table>

Note each depth where water was encountered in consolidated formations.

COPIES:  White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
**New Jersey Department of Environmental Protection**  
**Bureau of Water Allocation**

**WELL RECORD**

**Well Permit Number**  
31 - 47742

**Atlas Sheet Coordinates**  
31: 32: 737

**Owner**  
LAMINEROE, RITA

**Address**  
GRAYBEARD DR. (AKA WEST BLVD)

**City**  
FRANLINVILLE

**State**  
NJ

**Zip Code**  
08322

**Well Location Address**  
GRAYBEARD DR. (AKA WEST BLVD)

**County**  
GLOUCESTER

**Municipality**  
FRANLIN TWP

**Lot No.**  
Block No. 3504

**Well Use**  
DOMESTIC REPLACEMENT

**Date Well Started**  
9/19/95

**Date Well Completed**  
9/19/95

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Note:</th>
<th>Measure all depths from land surface</th>
<th>Depth to Top (ft)</th>
<th>Depth to Bottom (ft)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt/Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1.5</td>
<td>85'</td>
<td>4&quot;</td>
<td>PUC</td>
<td>SCH 40</td>
<td></td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td>85'</td>
<td>95'</td>
<td>4&quot;</td>
<td>PUC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td></td>
<td></td>
<td>85'</td>
<td>95'</td>
<td></td>
<td>#4 WELL GRAVEL</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Test Date</th>
<th>9/19/95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Water Level</td>
<td>15' below land surface</td>
</tr>
<tr>
<td>Water Level Measured Using</td>
<td>TAPE</td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>15' below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>AIR</td>
</tr>
<tr>
<td>Well Yield</td>
<td>15 gpm</td>
</tr>
<tr>
<td>If Pump Tested: Discharge Rate</td>
<td>1/4 gpm</td>
</tr>
<tr>
<td>Duration of Test</td>
<td>1/2 hours</td>
</tr>
</tbody>
</table>

**PERMANENT PUMPING EQUIPMENT**

<table>
<thead>
<tr>
<th>Installed by</th>
<th>KEVIN ANDERSON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg. No.</td>
<td>P1 6092</td>
</tr>
<tr>
<td>Pump Type</td>
<td>SUBMERSIBLE</td>
</tr>
<tr>
<td>Depth of Pump below land surface</td>
<td>10'</td>
</tr>
<tr>
<td>Capacity</td>
<td>15 gpm</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1/2</td>
</tr>
</tbody>
</table>

Grouting Method: PRESSURE GROUTED WIREMEN 
Drilling Method: ROTARY PIPE

**GEOLOGIC LOG**

| Note each depth where water was encountered in consolidated formations. |
|--------------------------|-------------------------|
| 0'-15' BROWN TOP Silt |
| 15'-15' YELLOW MEDIUM SAND |
| 15'-25' ORANGE CLAY |
| 25'-45' ORANGE FINE TO MED SAND |
| 45'-75' YELLOW FINE TO MED SAND |
| 75'-95' YELLOW MEDIUM SAND |

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: A & H ENVIRONMENTAL DRILLING

Well Driller (Print): RAYMOND MAKOWSKI Supervised by: DANIEL HANCOX

Driller's Signature:  

Registration No.:  
Date: 10/11/95

*COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.*
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 - 47949

Atlas Sheet Coordinates
31: 32: 798

OWNER
KRESSLER, STEVE MR

Address
12 GREENSBORO ROAD
FRANKLINVILLE

City
State
NJ
Zip Code
08322

WELL LOCATION ADDRESS
12 GREENSBORO RD.

County
GLoucester
Municipality
FRANKLIN TWP
Lot No.
14
Block No.
4116

WELL USE
DOMESTIC REPLACEMENT

DATE WELL STARTED
10/11/95

DATE WELL COMPLETED
10/11/95

WELL CONSTRUCTION

Total Depth Drilled
100' ft.

Finished Well Depth
100' ft.

Borehole Diameter:
Top
8" in.
Bottom
8" in.

Well Casing Begins:
15' ft. above grade or
15' ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>90'</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>90</td>
<td>100&quot;</td>
<td>4&quot;</td>
<td>PVC</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>90'</td>
<td>Neat Cement Bentonite</td>
<td></td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date
10/11/95

Static Water Level
35' ft. below land surface

Water Level Measured Using
TAPR

Pumping Water Level
35' ft. below land surface

Well Was Pumped Using
Air

Well Yield
15 gpm

If Pump Tested: Discharge Rate
N/A gpm

Duration of Test
N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by
KEVIN ANDREWS
Reg. No. 0692

 Pump Type
Submersible

Depth of Pump below land surface
60' ft.

Capacity
15 gpm

Horsepower
X2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
ANDERSON'S WELL DRILLING

Well Driller (Print)
Bill Jester

Driller's Signature
Bill Jester

Registration No.
M0804
Date
10/25/95

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

- 0-27 MC Gravels
- 27-33 Orange Clay
- 33-67 M.F. Tan Sand
- 67-74 Whitish Orange Clay
- 74-100 M Tan Sand

Grouting Method
PRESSURE GRAVITATED WITH TRENCH PILE

Drilling Method
ROTARY

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

WELREC 129 2529
New Jersey Department of Environmental Protection  
Bureau of Water Allocation  

**WELL RECORD**

**Owner**  
DELSA BEG. HIGH SCHOOL  

**Address**  
FRANKLIN MILL RD.  

**City**  
FRANKLINVILLE  

**State**  
NJ  

**Zip Code**  
08322  

**WELL LOCATION ADDRESS**  
FRANKLIN MILL RD.  

**County**  
GLOUCESTER  

**Municipality**  
FRANKLIN TWP  

**Owner’s Well No.**  
197  

**Lot No.**  
1401  

**Block No.**  
1241  

**Well Use**  
PUBLIC NON-COMMUNITY  

**DATE WELL STARTED**  
1/25/195  

**DATE WELL COMPLETED**  
1/25/195  

### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/each no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>4.5</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>0.04</td>
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<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC</td>
<td>0.015</td>
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<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>88</td>
<td>100</td>
<td>4</td>
<td>Grout</td>
<td>3</td>
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<tr>
<td>Grout</td>
<td>88</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neat Cement Bentonite</td>
<td></td>
<td></td>
<td></td>
<td>125 lbs</td>
<td></td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

**Test Date**  
1/25/195  

**Static Water Level**  
16 ft. below land surface  

**Water Level Measured Using**  
type  

**Pumping Water Level**  
90 ft. below land surface  

**Well Was Pumped Using**  
air  

**Well Yield**  
40 + gpm  

**If Pump Tested:**  
Discharge Rate  
Duration of Test  

**PERMANENT PUMPING EQUIPMENT**

**Installed by**  
QUINLAN WELL DRILLING  

**Drilling Method**  
Vibratory  

**Driller’s Signature**  
Joe QUINLAN  

**Registration No.**  
217  

**GEOLOGIC LOG**

Note each depth where water was encountered in consolidated formations.

- **6-14**: Sand Gravel  
- **14-30**: Silty Sand  
- **30-32**: Clay  
- **32-60**: Silty Sand to Tama Clay  
- **60-80**: Silt  
- **80-85**: Gravel and cobble  
- **85-100**: Sand and Gravel  

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company**  
QUINLAN WELL DRILLING  

**Well Driller (Print)**  
Joe QUINLAN  

**Copies:**  
White - DEP  
Canary - Driller  
Pink - Owner  
Goldenrod - Health Dept.
**WELL RECORD**

**OWNER** C & E DEVELOPMENT  
**Address** PO BOX 345  
**City** CLAYTON  
**County** GLOUCESTER  
**WELL LOCATION ADDRESS** OAK AVE.  
**Municipality** FRANKLIN TWP  
**Lot No.** 32  
**Block No.** 1304  

**WELL USE** DOMESTIC  

**DATE WELL STARTED** 5/16/96  
**DATE WELL COMPLETED** 5/16/96

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Note: Measure all depths from land surface</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (Inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>7.5</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
<td>SCH 40</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC (020) SCH 40</td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td></td>
<td>#1 Marie</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td></td>
<td>Neat Cement Bentonite</td>
<td>300 lbs</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

<table>
<thead>
<tr>
<th>Test Date</th>
<th>Static Water Level</th>
<th>Water Level Measured Using</th>
<th>Pumping Water Level</th>
<th>Well Was Pumped Using</th>
<th>Well Yield</th>
<th>If Pump Tested: Discharge Rate</th>
<th>Duration of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/28/96</td>
<td>14</td>
<td>M-SCOPE</td>
<td>14</td>
<td>AERI-LIFT</td>
<td>12</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

**PERMANENT PUMPING EQUIPMENT**

<table>
<thead>
<tr>
<th>Installed by</th>
<th>Pump Type</th>
<th>Depth of Pump below land surface</th>
<th>Capacity</th>
<th>Horsepower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uni-Tech</td>
<td>Submersible</td>
<td>40</td>
<td>12</td>
<td>1/2</td>
</tr>
</tbody>
</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company** UNI-TECH DRILLING  
**Well Driller (Print)** Joseph Jester  
**Driller's Signature** Joseph Jester  
**Registration No.** 13399  
**Date** 7/3/96

**GEOLOGIC LOG**

Note each depth where water was encountered in consolidated formations.

- **0-1** Topsoil
- **1-21** orange tan cmf sand
- **21-49** Tan cmf sand
- **49-53** Tan/White clay
- **53-85** Tan cmf sand
- **85-100** Grey cmf sand
**WELL RECORD**

**Owner**
C & D DEVELOPMENT

**Address**
PO BOX 345

**City**
CLAYTON

**County**
GLOUCESTER

**Municipality**
FRANKLIN TWP

**Lot No.**
32.06

**Block No.**
4904

**Well Permit Number**
31 - 48569

**Atlas Sheet Coordinates**
31 - 42 - 132

**Well Use**
DOMESTIC

**Date Well Started**
6/10/96

**Date Well Completed**
6/18/96

**Well Construction**

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>92</td>
<td>92</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>82</td>
<td>92</td>
<td>4</td>
<td>PVC (020)</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>77</td>
<td>92</td>
<td></td>
<td>H1 Morie</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>77</td>
<td></td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

**Record of Test**

Test Date: 10/31/96

Static Water Level: 8 ft. below land surface

Water Level Measured Using: M-SCOPE

Pumping Water Level: 11 ft. below land surface

Well Was Pumped Using: Airlift

Well Yield: 12 gpm

If Pump Tested: Discharge Rate: 25 gpm Duration of Test: 14 hours

**Permanent Pumping Equipment**

Installed by: Uni-Tech Reg. No. J1521

Pump Type: Submersible

Depth of Pump below land surface: 30 ft.

Capacity: 12 gpm Horsepower: 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: Uni-Tech Drilling

Well Driller (Print): David Conover

Driller's Signature: David Conover

Registration No.: J1521 Date: 10/31/96

**Grouting Method**: Tremie

**Drilling Method**: Rotary

**Geologic Log**

Note each depth where water was encountered in consolidated formations.

- 0-20 cmf sand tan
- 20-24 " " w/ gravel tan
- 24-48 MF Sand tan
- 48-70 Clayey sand tan
- 70-90 MF Sand tan
- 90-92 Gray Clayey Sand

**Copies:** White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
OWNER C & E DEVELOPMENT
Address PO BOX 345
City CLAYTON State NJ Zip Code
WELL LOCATION ADDRESS AVERY LYNN COURT
County GLOUCESTER Municipality FRANKLIN TWP
Well Permit Number 31 - 48571
Atlas Sheet Coordinates 31: 42 : 133
WELL USE DOMESTIC DATE WELL STARTED 02/28/96
DATE WELL COMPLETED 02/28/96

WELL CONSTRUCTION
Total Depth Drilled 80 ft.
Finished Well Depth 80 ft.
Borehole Diameter:
Top 6 in.
Bottom 4 in.
Well Casing Begins:
2 ft. above grade or
0 ft. below grade

Note: Measure all depths from land surface
<table>
<thead>
<tr>
<th>Depth to</th>
<th>Depth to</th>
<th>Diameter</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top (ft.)</td>
<td>Bottom (ft.)</td>
<td>(inches)</td>
<td>(lbs/sq. ft.)</td>
</tr>
<tr>
<td>Single/Inner Casing</td>
<td>+2</td>
<td>70</td>
<td>4</td>
</tr>
<tr>
<td>Middle Casing</td>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td>(largest diameter)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>70</td>
<td>80</td>
<td>4</td>
</tr>
<tr>
<td>Blank Casings</td>
<td>(No. Used 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>65</td>
<td>80</td>
<td>#1 Morie</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>65</td>
<td>Neat Cement</td>
</tr>
</tbody>
</table>

Grouting Method: Trekun
Drilling Method: Rotary

RECORD OF TEST
Test Date 02/28/96
Static Water Level 14 ft. below land surface
Water Level Measured Using M - Scope
Pumping Water Level 11 ft. below land surface
Well Was Pumped Using Airlift
Well Yield 12 gpm
If Pump Tested: Discharge Rate 12 gpm
Duration of Test 20 hours

PERMANENT PUMPING EQUIPMENT
Installed by Uni-Tech Reg. No. MD13764
Pump Type Submersible
Depth of Pump below land surface 40 ft.
Capacity 12 gpm Horsepower 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company UNI-TECH DRILLING
Well Driller (Print) Christopher Warren
Driller's Signature
Registration No. MD13764 Date 02/10/96

GEologic LOG
Note each depth where water was encountered in consolidated formations.

- 0 - 26 cmf Tan & Orange Sand
- 26 - 41 C-V Coarse orange Sand & gravel
- 41 - 63 Red F- Silty Sand
- 63 - 80 M-Tan Sand

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
WELL RECORD

OWNER
TROUT, STEVEN
Address
39 STATION AVE.
City
FRANKLINVILLE
State
NJ
Zip Code

WELL LOCATION ADDRESS
39 STATION AVE.
County
GLOUCESTER
Municipality
FRANKLIN TWP.
Lot No.
6
Block No.
4106

WELL USE
DOMESTIC REPLACEMENT

DATE WELL STARTED
5/14/96
DATE WELL COMPLETED
5/14/96

WELL CONSTRUCTION
Total Depth Drilled
100 ft.
Finished Well Depth
100 ft.
Borehole Diameter:
Top
8 in.
Bottom
8 in.
Well Casing Begins:
1.5 ft. above grade or
1.5 ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (Inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1.5</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 1)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC (O2O)</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td></td>
<td>#1 Marle</td>
</tr>
<tr>
<td>Grout</td>
<td>3</td>
<td>85</td>
<td></td>
<td>Neat Cement Bentonite</td>
</tr>
</tbody>
</table>

RECORD OF TEST
Test Date
5/15/96
Static Water Level
10 ft. below land surface
Water Level Measured Using
M-SCOPE
Pumping Water Level
10 ft. below land surface
Well Was Pumped Using
Airlift
Well Yield
3.5 gpm
If Pump Tested: Discharge Rate
No gpm
Duration of Test
No hours

PERMANENT PUMPING EQUIPMENT
Installed by
Uni-Tech
Reg. No.
A01432
Pump Type
Submersible
Depth of Pump below land surface
3.5 ft.
Capacity
3.5 gpm
Horsepower
1 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company
UNI-TECH DRILLING
Well Driller (Print)
James Evans
Driller's Signature
James Evans
Registration No.
A01432 Date
5/18/96

Grouting Method
Tremie
Drilling Method
Rotary

GEOLOGIC LOG
Note each depth where water was encountered in consolidated formations.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12</td>
<td>MF Orange Sand &amp; Clay</td>
</tr>
<tr>
<td>12-31</td>
<td>CMF Orange Sand &amp; gravel</td>
</tr>
<tr>
<td>31-36</td>
<td>Orange Silty Fine Sand</td>
</tr>
<tr>
<td>36-53</td>
<td>CMF Orange Sand Some White Clay streaks</td>
</tr>
<tr>
<td>53-81</td>
<td>MF Tan Sand</td>
</tr>
<tr>
<td>81-87</td>
<td>MF Tan Sand w/Brown Silt &amp; clay</td>
</tr>
<tr>
<td>87-100</td>
<td>MF Tan Sand</td>
</tr>
</tbody>
</table>

COPIES: White - DEP Canay - Driller Pink - Owner Goldenrod - Health Dept.
**WELL RECORD**

**OWNER** HOLDEN, LARRY

**Address** 134 HALE AVE.

**City** FRANKLINVILLE

**County** GLOUCESTER

**Municipality** FRANKLIN TWP

**Lot No.** 9

**Block No.** 4109

**WELL LOCATION ADDRESS** 134 HALE AVE.

**DATE WELL STARTED** 8/16/96

**DATE WELL COMPLETED** 8/16/96

**WELL USE** DOMESTIC REPLACEMENT

**Note:** Measure all depths from land surface

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt/L.Rating (lbs/each no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>+1.5</td>
<td>135</td>
<td>4</td>
<td>PVC</td>
<td>50</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used 1)</td>
<td>125</td>
<td>135</td>
<td>4</td>
<td>PVC</td>
<td>$205.00</td>
</tr>
<tr>
<td>Blank Casings (No. Used )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>110</td>
<td>135</td>
<td>8</td>
<td>#1 More Gravel</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>110</td>
<td>8</td>
<td>Neat Cement</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Bentonite</td>
<td>350 lbs</td>
</tr>
</tbody>
</table>

**RECORD OF TEST**

**Test Date** 8/16/96

**Static Water Level** 31 ft. below land surface

**Water Level Measured Using** RSCPE

**Pumping Water Level** 31 ft. below land surface

**Well Was Pumped Using** Air

**Well Yield** 60 gpm

**If Pump Tested:**
- **Discharge Rate:**
- **Duration of Test:**
  - **hours**

**PERMANENT PUMPING EQUIPMENT**

**Installed by** JIM MESIANO CO Reg. No. 1078

**Pump Type** Submersible

**Depth of Pump below land surface** 60 ft.

**Capacity** 25 gpm

**Horsepower** 1

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company JIM MESIANO, INC.

Well Driller (Print) JAMES C. MESIANO

Driller's Signature JAMES C. MESIANO

Registration No. 1078 Date 10/14/96

**GEOLOGIC LOG**

Note each depth where water was encountered in consolidated formations

**0-2 TOP SOILS**

**30 - GRAVEL - SANDS & CLAYS**

**50 - FINE SANDS & TRACE OF CLAY**

**70 - SANDS - CLAY & Trace of Sandstone**

**110 - FINE SANDS & CLAYS**

**120 - CLAY LAYER**

**137 - COARSE - MEDIUM FINE SANDS.**

**COPYIES:** White - DEP, Canary - Driller, Pink - Owner, Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number: 31-50413
Atlas Sheet Coordinates: 31-32-797

OWNER: FELIKAN, ROBERT
Address: 38 WILLETTE AVE
City: FRANKLINVILLE
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 3.01
Block No.: A101

WELL USE: DOMESTIC

WELL LOCATION ADDRESS: WILLETTE AVE

DATE WELL STARTED: 11/25/96
DATE WELL COMPLETED: 11/25/96

WELL CONSTRUCTION

Total Depth Drilled: 100 ft.
Finished Well Depth: 100 ft.
Borehole Diameter:
Top: 8 in.
Bottom: 8 in.
Well Casing Begins:
2 ft. above grade or
Number of ft. below grade

Note: Measure all depths from land surface

<table>
<thead>
<tr>
<th>Material</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Wgt./Rating (lbs/sch. no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/inner Casing</td>
<td>2</td>
<td>90</td>
<td>4</td>
<td>PVC</td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC (020) S 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Piece</td>
<td>85</td>
<td>100</td>
<td></td>
<td>#1 Morie</td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td></td>
<td>Neat Cement Bentonite 16.6 lbs</td>
</tr>
</tbody>
</table>

RECORD OF TEST

Test Date: 11/26/96
Static Water Level: 14 ft. below land surface
Water Level Measured Using: MC Scope
Pumping Water Level: 14 ft. below land surface
Well Was Pumped Using: Airlift
Well Yield: 12 gpm
If Pump Tested: Discharge Rate: gpm
Duration of Test: hours

PERMANENT PUMPING EQUIPMENT

Installed by: Uni-Tech Reg. No.: JD1452
Pump Type: Submersible
Depth of Pump below land surface: 45 ft.
Capacity: 12 gpm
Horsepower: 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: Uni-Tech Drilling
Well Driller (Print): Edward Angelo
Driller's Signature: Edward Angelo
Registration No.: JD1452 Date: 11/27/96

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-13 yellow MF sand.
13-14 yellow white clay, sandy
16-44 " " CM sand
44-61 " " Clay
61-70 " " CSand eF gravel
70-100 " " CM sand

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: Uni-Tech Drilling
Well Driller (Print): Edward Angelo
Driller's Signature: Edward Angelo
Registration No.: JD1452 Date: 11/27/96

COPIES: White - DEP  Canary - Driller  Pink - Owner  Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number: 31 - 50414
Atlas Sheet Coordinates: 31:32:797

OWNER: PELIKAN, ROBERT
Address: 30 WILLETTE AVE
City: FRANKLINVILLE
State: NJ
Zip Code: 

WELL LOCATION ADDRESS: 30 WILLETTE AVE
County: GLOUCESTER
Municipality: FRANKLIN TWP
Lot No.: 3
Block No.: 4101

WELL USE: DOMESTIC REPLACEMENT
DATE WELL STARTED: 11/25/96
DATE WELL COMPLETED: 11/25/96

WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Description</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/cdu no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td></td>
<td></td>
<td>6</td>
<td>PVC</td>
<td></td>
</tr>
<tr>
<td>Middle Casing (for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing (largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen (No. Used)</td>
<td>90</td>
<td>100</td>
<td>4</td>
<td>PVC (020)</td>
<td>Sch 40</td>
</tr>
<tr>
<td>Blank Casings (No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>85</td>
<td>100</td>
<td></td>
<td>#1 Morie</td>
<td></td>
</tr>
<tr>
<td>Grout</td>
<td>0</td>
<td>85</td>
<td></td>
<td>Neat Cement</td>
<td></td>
</tr>
</tbody>
</table>

Grouting Method: Tremie
Drilling Method: Rotary

RECORD OF TEST

Test Date: 11/27/96
Static Water Level: 14 ft. below land surface
Water Level Measured Using: M-Scope
Pumping Water Level: 14 ft. below land surface
Well Was Pumped Using: Airlift
Well Yield: 12 gpm
If Pump Tested: Discharge Rate: 12 gpm
Duration of Test: 

PERMANENT PUMPING EQUIPMENT

Installed by: UNI-TECH Reg. No. 301452
Pump Type: Submersible
Depth of Pump below land surface: 45 ft.
Capacity: 12 gpm
Horsepower: 1/2

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company: UNI-TECH DRILLING
Well Driller (Print): Edward Angelo
Driller's Signature: Edward Angelo
Registration No.: 301452 Date: 11/27/96

COPIES: White - DEP Canary Driller Pink - Owner Goldenrod - Health Dept.

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.

0-1 Topsoil
1.15 Yellow M-F Sand
15-19 Yellow Clay
19.47 Yellow & White M-C Sand
47.57 Clay
19.19 C-M Sand

Drilling Company: UNI-TECH DRILLING
Well Driller (Print): Edward Angelo
Driller's Signature: Edward Angelo
Registration No.: 301452 Date: 11/27/96
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

OWNER: Gray's Ferry Brick Co. 
ADDRESS: Franklinville, NJ 08332
Owner's Well No.: 1
SURFACE ELEVATION: 100 Feet
(above mean sea level)

LOCATION: SE. Corner of building near tracks

DATE COMPLETED: May '73
DRILLER: Vance Skinner Company, Inc.

DIAMETER: top 8 inches Bottom 6 inches TOTAL DEPTH: 62 Feet

CASING: Type: Steel Size of Diameter: 8 inches Length: 39 Feet

SCREEN: Type: PVC Size of Opening: 0.15 Diameter: 6 inches Length: 20 Feet

Range in Depth:
- Top: 42 Feet
- Bottom: 62 Feet
Geologic Formation: Tch (?)
Tail piece: Diameter _______ inches Length _______ Feet

WELL FLOWS NATURALLY no Gallons per Minute at ________ Feet above surface
Water rises to ________ Feet above surface

RECORD OF TEST: Date: June '73 Yield: 40 Gallons per minute
Static water level before pumping: ________ Feet below surface
Pumping level: 16 feet below surface after ________ hours pumping
Drawdown: 8 Feet Specific Capacity: 5 Gals. per min. per ft. of drawdown
How Pumped: ________ How measured: ________
Observed effect on nearby wells: None Observed

PERMANENT PUMPING EQUIPMENT:
Type: Submersible Horse.: Name: Reda
Depth of Pump in well: 30 Feet
Depth of Footpiece in well: ________ Feet
Depth of Air Line in well: 30 Feet
Type of Meter on Pump: None Size: ________

USED FOR: Industrial AMOUNT:

QUALITY OF WATER:
- Good
- Sample: Yes No. ______
Taste: None Water: Work. None Color: None Temp. ______ OF

LOG:
- See Attached
- Are samples available?

SOURCE OF DATA: Well Log

DATA OBTAINED BY: Evelyn S. Dickenson Date: 9/26/73

(Note: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements etc.)

WELREC 129 2447
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Owner: MARTIN BOSCO
Address: Box 68, MAlaga, N,J.

1. Owner's Well No.: 1

2. Location: LENARD CAKE RD, MAlaga

3. Date Completed: 8-25-73

4. Diameter: top 8 inches Bottom 8 inches Total Depth 65 Feet

5. Casing: Type P.U.C. Diameter 4 inches Length 45 Feet

6. Screen: Type P.U.C. Opening 1/8 Diameter 4 inches Length 20 Feet

Range in Depth

Top ___________ Feet
Bottom ___________ Feet

Tail piece: Diameter ___________ Inches Length ___________ Feet

7. Well Flows Naturally ________ Gallons per Minute at ___________ Feet above surface

Water rises to ___________ Feet above surface

8. Record of Test: Date 8-25-73 Yield 50 Gallons per minute

Static water level before pumping ___________ Feet below surface

Pumping level ___________ feet below surface after ___________ hours pumping

Drawdown ___________ Feet

Specific Capacity ___________ Gals. per min. per ft. of drawdown

How Pumped: GAS UTILITY

How measured: ___________ GALL. CAN

9. Permanent Pumping Equipment: Did Not Install Permanent Equipment

Type: ___________

Mfrs. Name: ___________

Capacity: ___________ G.P.M.

How Driven: ___________

H.P.: ___________

R.P.M.: ___________

Depth of Pump in well ___________ Feet

Depth of Footpiece in well ___________ Feet

Depth of Air Line in well ___________ Feet

Type of Meter on Pump: ___________

Size: ___________

10. Used For: Irrigation

Amount:

Average ___________ Gallons Daily

Maximum ___________ Gallons Daily

11. Quality of Water:

Taste: ___________

Odor: ___________

Color: ___________

Sample: Yes ___________

No. ___________

12. Log:

(Give details on back of sheet or on separate sheet. If electric log was made, please furnish copy)

13. Source of Data: D'AGOSTINO WEL DRILLING

14. Data Obtained By: MARIO D'AGOSTINO

Date: ___________

(Note: Use other side of this sheet for additional information such as log of materials penetrated, analysis of the water, sketch map, sketch of special casing arrangements etc.)

WELREC 132 0208
**New Jersey Department of Environmental Protection**

**Bureau of Water Allocation**

**WELL RECORD**

**Owner:** E. GROCHOWSKI EXCAVATING  
**Address:** P.O. BOX 383  
**City:** FRANKLIN VILLAGE  
**County:** GLOUCESTER  
**Municipality:** FRANKLIN TWP  
**Lot No.:** 8  
**Block No.:** 4001  

**WELL LOCATION ADDRESS:** DRISRA DR.  
**Owner's Well No.:** 1  
**Well Permit Number:** 31 - 51247  
**Atlas Sheet Coordinates:** 31: 32 : 796  

**WELL USE:** DOMESTIC REPLACEMENT  
**DATE WELL STARTED:** 5/1/97  
**DATE WELL COMPLETED:** 5/1/97

**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth Drilled</td>
<td>145 ft.</td>
</tr>
<tr>
<td>Finished Well Depth</td>
<td>140 ft.</td>
</tr>
<tr>
<td>Borehole Diameter: Top</td>
<td>8 in.</td>
</tr>
<tr>
<td>Borehole Diameter: Bottom</td>
<td>8 in.</td>
</tr>
</tbody>
</table>

**Well Casing Begins:**  1.5 ft. above grade or 

<table>
<thead>
<tr>
<th>Casing Details</th>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt./Rating (lbs/sch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single/Inner Casing</td>
<td>1.5</td>
<td>130</td>
<td>4</td>
<td>PVC</td>
<td>F4/86</td>
</tr>
<tr>
<td>Middle Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(for triple cased wells only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(largest diameter)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open Hole or Screen</td>
<td>120</td>
<td>140</td>
<td>4</td>
<td>PVC</td>
<td>H20187</td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank Casings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(No. Used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tail Piece</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>120</td>
<td>140</td>
<td>8</td>
<td>#1 gravel</td>
<td></td>
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<tr>
<td>Grout</td>
<td>0</td>
<td>120</td>
<td>8</td>
<td>Neat Cement</td>
<td>300 lbs</td>
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**RECORD OF TEST**

<table>
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<tr>
<th>Test Details</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>Test Date</td>
<td>5/7/97</td>
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<tr>
<td>Static Water Level</td>
<td>18 ft. below land surface</td>
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<tr>
<td>Water Level Measured Using</td>
<td>&quot;M&quot; Scope</td>
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<tr>
<td>Pumping Water Level</td>
<td>18 ft. below land surface</td>
</tr>
<tr>
<td>Well Was Pumped Using</td>
<td>AIR</td>
</tr>
<tr>
<td>Well Yield</td>
<td>60 gpm</td>
</tr>
<tr>
<td>If Pump Tested:</td>
<td>Discharge Rate 60 gpm</td>
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<tr>
<td>Duration of Test</td>
<td>3 hours</td>
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**PERMANENT PUMPING EQUIPMENT**

<table>
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<tr>
<th>Equipment Details</th>
<th>Specification</th>
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<tr>
<td>Installed by</td>
<td>Jim Mesianno, Reg. No. J1078</td>
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<tr>
<td>Pump Type</td>
<td>Submersible</td>
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<tr>
<td>Depth of Pump below land surface</td>
<td>160 ft.</td>
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<tr>
<td>Capacity</td>
<td>12 gpm</td>
</tr>
<tr>
<td>Horsepower</td>
<td>1</td>
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</table>

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

**Drilling Company:** Jim Mesianno, Inc.  
**Well Driller (Print):** James C. Mesianno  
**Driller's Signature:** James C. Mesianno  
**Registration No.:** 51078  
**Date:** 5/7/97

**GEOLOGIC LOG**

<table>
<thead>
<tr>
<th>Layer Description</th>
<th>Depth</th>
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<tr>
<td>Top Soil</td>
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<tr>
<td>Course, medium, fine sands</td>
<td>30</td>
</tr>
<tr>
<td>Medium Sands</td>
<td>50</td>
</tr>
<tr>
<td>Clay &amp; Sands mixed</td>
<td>105</td>
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<tr>
<td>Clay Layer</td>
<td>77</td>
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<tr>
<td>Fine Sands w/trace of clays</td>
<td>115</td>
</tr>
<tr>
<td>Medium to Fine Sands</td>
<td>145</td>
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</tbody>
</table>

**Grouting Method:** Tremi-Pipe  
**Drilling Method:** Rotary

Coalition / Goldenrod - Health Dept.
New Jersey Department of Environmental Protection
Bureau of Water Allocation

WELL RECORD

Well Permit Number
31 - 51607

Atlas Sheet Coordinates
31 : 32 : 795

OWNER
PORTER, SAMUEL, JR.

Address
1839 DELSEA DRIVE

City
FRANKLINVILLE

State
NJ

Zip Code
08322

WELL LOCATION ADDRESS
1839 DELSEA DRIVE

County
GLOUCESTER

Municipality
FRANKLIN TWP

Lot No.
2

Block No.
5294

WELL USE
NON PUBLIC

DATE WELL STARTED
6 / 13 / 97

DATE WELL COMPLETED
6 / 13 / 97

WELL CONSTRUCTION

Total Depth Drilled 120 ft.

Finished Well Depth 120 ft.

Borehole Diameter:
    Top 8 in.
    Bottom 8 in.

Well Casing Begins:
    1.5 ft. above grade or
    120 ft. below grade

Note: Measure all depths from land surface
Depth to Top (ft.) Depth to Bottom (ft.) Diameter (Inches) Material Wgt./Rating (lbs/ech no.)
Single/Inner Casing 1.5 110 4 K PVC SCH 40
Middle Casing
    (for triple cased wells only)
    Outer Casing
    (largest diameter)
    Open Hole or Screen
    (No. Used )
    Blank Casings
    (No. Used )
    Tail Piece
Gravel Pack 110 120 #2 Well Gravel
Grout 3 110 Neat Cement
Bentonite 336 lbs

RECORD OF TEST

Test Date 6 / 13 / 97
Static Water Level 18 ft. below land surface
Water Level Measured Using tape
Pumping Water Level 18 ft. below land surface
Well Was Pumped Using air
Well Yield 80 gpm
If Pump Tested: Discharge Rate N/A gpm
    Duration of Test N/A hours

PERMANENT PUMPING EQUIPMENT

Installed by Tom Le Sage Reg. No 1072

Pump Type Submersible
Depth of Pump Below Land Surface 40 ft.
Capacity 12 gpm Horsepower 1/2 HP

I certify that I have constructed the above referenced well in accordance with all well permit requirements and applicable State rules and regulations.

Drilling Company ANDERSON'S WELL DRILLING

Well Driller (Print) Ronald K. Anderson

Driller's Signature Ronald K. Anderson 10/30/92

Registration No. 7830

Grouting Method Pressure Grouted w/Tremie Pipe
Drilling Method Rotary

GEOLOGIC LOG

Note each depth where water was encountered in consolidated formations.
1" - 3' Gray Stone & Gravel
3-10 Yellow Coarse Sand
10-20 Orange Mixed Clay
20-40 Dark Orange Coarse Sand
40-48 White Clay
48-57 Orange Coarse Sand w/Sandstone
57-60 Yellow Coarse Sand
60-75 Yellow Fine to Medium Sand
75-80 Orange Clay & Fine Sand
80-85 Orange Fine Sand
85-90 Yellow Fine to Medium Sand
90-105 Yellow Medium Sand
105-120 Yellow Coarse Sand

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.

WELREC 129 2466
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

WELL RECORD

Well Permit No. 31 - 26625
Atlas Sheet Coordinates 31 32 798

OWNER IDENTIFICATION
Owner: MULBAY, JOSEPH
Address: R.R. #2, BOX 313 OAKLAND
City: BALA CYNWYD State: NJ Zip Code

WELL LOCATION
Owner's Well No. 31 - 26625
Address: Gloucestor Municipality FRANKLIN TWP
County Lot No. 13423 Block No. A-261

WELL USE
domestic Status: in use

WATER USE
domestic Average gals. daily 500 Maximum gals. daily 600

WELL CONSTRUCTION
Date well completed 6/10/87
 Depths: Total 106 ft. Finished 106 ft.
Diameter: Top 4 in. Bottom 4 in.

Borehole Dimensions

Land Surface Elevation at well ft.
Casing Height (stick-up) above land surface none ft.
Elevation was determined using

Depth to Top

| Casing 1 | 96 | 4 | PVC |
| Screen 1 | 96 | 10 | 4 | PVC #20 slot |
| Screen 2 | none | | | Morie #2 gravel |
| Gravel Pack | 96 | | | cement and bentonite |

Type and Material
Screens: Note Slot Size(s)

WELL FLOWS NATURALLY not gals. per min. at ft. above the land surface.
Water rises to ft. above the land surface.

RECORD OF TEST
Test Date 6/10/87
Static water-level before pumping ft. below land surface.
Water level measured using M scope Drawdown ft.
Discharge rate measured using gal. per min.
Well was pumped using air lift Specific Capacity gals. per min. per ft. of drawdown
Observed effects on nearby wells none
Water Quality (taste, odor, color, etc.) color-none, odor-none, taste-none Good quality

PERMANENT PUMPING EQUIPMENT
Installed by owner Pump Type jet
Mfrs. Name Model
CAPACITY: Pump delivers GPM at PSI pressure.
POWER: HP at RPM Power Source electric
FLOW METER: Model none installed on in. diameter pipe.

CONTRACTOR
Name of Drilling Contractor: Frederick C. Capel III
Address: 751 Mantua Blvd.
City: Sewell State New Jersey Zip Code 08080
Name of Driller: Frederick C. Capel III License No. 887

Signature of Contractor: Frederick C. Capel III Date 7/15/87

COPIES: White - DEP Canary - Driller Pink - Owner Goldenrod - Health Dept.
**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**DIVISION OF WATER RESOURCES**

**WELL RECORD**

Well Permit No. 31-26625

Driller: Please use the space below for the log description. Note water bearing zones or geological formation.

- Are samples available? □ Yes □ No
- Drilling Method: mud rotary
- Type of Rig: mud rotary
- Aquifer/Geo. Fm.: Cohanseey

**LOG**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Lithology Description</th>
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</thead>
<tbody>
<tr>
<td>0 - 16</td>
<td>fine to coarse yellow sand</td>
</tr>
<tr>
<td>16 - 30</td>
<td>yellow clay</td>
</tr>
<tr>
<td>30 - 50</td>
<td>fine to coarse yellow sand with clay chips</td>
</tr>
<tr>
<td>50 - 66</td>
<td>sandy yellow clay</td>
</tr>
<tr>
<td>66 - 106</td>
<td>fine to coarse yellow sand with clay chips</td>
</tr>
</tbody>
</table>

**DEP USE ONLY**

- Storret Hydrogeo Code: 
- USGS Hydrogeo Code: 
- Depth to Bedrock: ___ ft.
- Bedrock Lith. Code: 
- Bedrock Fm. Code: 
- Completed by: 
  - Date: __ / __ / ___

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<thead>
<tr>
<th>Thick.</th>
<th>Lith.</th>
<th>Fm.</th>
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<td></td>
</tr>
</tbody>
</table>

**GWPI No.** ______ - ______

**NJPDES No.** ______ - ______

- Latitude: ______ ° ______ ' ______ "
- Longitude: ______ ° ______ ' ______ "
- Lat-Long Accuracy: □ 1" □ 5" □ 10" □ 20"
- USGS Quadrangle: 
- Drainage Basin Code: 
- County/Municipality Code: 

**OTHER FILES:**
- □ Lithologic Log
- □ Samples Available
- □ Aquifer Test
- □ Geophysical Logs
- □ Water Chemistry
- □ Pollution Case

Checked by: __________________________

- Date: __ / __ / ___

**COPIES:** White - DEP

Canary - Driller

Pink - Owner

Goldenrod - Health Dept.

<table>
<thead>
<tr>
<th>Farm Name</th>
<th>AGC Code</th>
<th>WS WL</th>
<th>S</th>
<th>Field Name</th>
<th>Well Type</th>
<th>Depth</th>
<th>Feet</th>
<th>10 Feet</th>
<th>100 Feet</th>
<th>1000 Feet</th>
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<tbody>
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<td>18320.22</td>
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<td>10</td>
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<td>WSWL</td>
<td>3100068213</td>
<td>WELL 8</td>
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<td>14</td>
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</tr>
</tbody>
</table>
| Site | Company Name | Street Address | Lot # | Area | Price | Date
|------|--------------|----------------|-------|------|-------|-------
| 47   | WEGNER FARM  | AGC070002      | WSWL  | 30110.779337 | 17 | 10 | 32615.27 | 268742.73 | 100th | 97.2952 | 10 Feet | 1680 | 1451 | 200gm
| 48   | WEGNER FARM  | AGC070002      | WSWL  | 5100002046 | 17 | 10 | 32063.07 | 265729.95 | 40ft | 104.55 | 10 Feet | 1680 | 1451 | 100gm
| 49   | WEGNER FARM  | AGC070002      | WSWL  | 5100002365 | 17 | 10 | 32111.86 | 268010.43 | 40ft | 104.784 | 10 Feet | 1680 | 1451 | 300gm
| 50   | CLAYTON HIGH SCHOOL | WUR970001 | WSWL | 30110.16600 | 17 | 10 | 32706.92 | 303375.20 | 40ft | 104.55 | 10 Feet | 1680 | 1451 | 90gm
| 51   | HAYNICK ORCHARDS | AGC040001 | WSWL | 510000252 | 17 | 10 | 31647.00 | 296316.00 | 40ft | 130 | 10 Feet | 1680 | 1451 | 120gm
| 52   | HAYNICK ORCHARDS | AGC040001 | WSWL | 510000251 | 17 | 10 | 31368.00 | 298633.00 | 40ft | 130 | 10 Feet | 1680 | 1451 | 175gm
| 53   | HAYNICK ORCHARDS | AGC040001 | WSWL | 21594.88 | 17 | 10 | 31350.04 | 299116.00 | 40ft | 130 | 10 Feet | 1680 | 1451 | 215gm
| 54   | HAYNICK ORCHARDS | AGC040001 | WSWL | 21047.32 | 17 | 10 | 31362.00 | 295109.00 | 40ft | 130 | 10 Feet | 1680 | 1451 | 215gm
| 55   | HAYNICK ORCHARDS | AGC040001 | WSWL | 26321.10 | 17 | 10 | 31423.00 | 300753.00 | 40ft | 130 | 10 Feet | 1680 | 1451 | 215gm
| 56   | HAYNICK ORCHARDS | AGC040001 | WSWL | 21614.40 | 17 | 10 | 31589.00 | 295800.00 | 40ft | 130 | 10 Feet | 1680 | 1451 | 80gm
| 57   | HOLLY ACRES FARM | AGC020001 | WSWL | 21494.91 | 17 | 10 | 32210.55 | 290142.84 | 100ft | 130 | 10 Feet | 1680 | 1451 | 200gm
| 58   | HOLLY ACRES FARM | AGC020001 | WSWL | 21467.32 | 17 | 10 | 32254.80 | 290172.26 | 100ft | 130 | 10 Feet | 1680 | 1451 | 400gm
| 59   | JANVIER VOLUNTEER FIRE CO | WUR940001 | WSWL | 21723.29 | 17 | 10 | 34787.34 | 280957.96 | 100ft | 125 | 10 Feet | 1690 | 1451 | 150gm
| 60   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.65804 | 17 | 10 | 32610.63 | 272579.81 | 100ft | 100.652 | 10 Feet | 1680 | 1451 | 60gm
| 61   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.33317 | 17 | 10 | 32524.68 | 269927.44 | 100ft | 108.7817 | 10 Feet | 1680 | 1451 | 60gm
| 62   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.29893 | 17 | 10 | 32612.90 | 272369.57 | 100ft | 99.7906 | 10 Feet | 1680 | 1451 | 52gm
| 63   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.88086 | 17 | 10 | 32334.95 | 270131.15 | 100ft | 120.7854 | 10 Feet | 1690 | 1451 | 50gm
| 64   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.36380 | 17 | 10 | 32471.16 | 272391.32 | 100ft | 103.5358 | 10 Feet | 1680 | 1451 | 60gm
| 65   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.27111 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 66   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.27111 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 67   | VINEYARD NURSERY | WAP040001 | WSWL | 30110.0001 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 68   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 69   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 70   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 71   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 72   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 73   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 74   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
| 75   | WALKER BROTHERS FARM | AGC050001 | WSWL | 30110.00000 | 17 | 10 | 32590.68 | 287947.71 | 100ft | 1690 | 1451 | 100gm
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<td>12239</td>
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<tr>
<td>#</td>
<td>Property Name</td>
<td>Address</td>
<td>Intake #</td>
<td>Well #</td>
<td>WELL # (CORRECTED)</td>
<td>Pressure</td>
<td>Depth (ft)</td>
<td>Diameter (ft)</td>
<td>Location</td>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----</td>
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<tr>
<td>SA117R</td>
<td>FOX'S MARKET GARDEN CENTER</td>
<td>AGRO060001 WSN</td>
<td>INTAKE 1</td>
<td>POND 1</td>
<td>25407.47</td>
<td>17</td>
<td>10</td>
<td>306618.93</td>
<td>276890.49</td>
<td>100ft</td>
<td>110</td>
<td>100 Feet</td>
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<tr>
<td>SA0009</td>
<td>OLBIRCH FARMS</td>
<td>AGRO060001 W/SWL</td>
<td>3100006112</td>
<td>WELL 1 (KIBORT WELL)</td>
<td>20423.47</td>
<td>17</td>
<td>10</td>
<td>315186.70</td>
<td>269004.91</td>
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<td>GL201R</td>
<td>MOUNIER FARM</td>
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<td>3100020998</td>
<td>WELL 1</td>
<td>24269.83</td>
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<td>05</td>
<td>356503.43</td>
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<td>VASSALLO FARM</td>
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<td>5010000270</td>
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<td>05</td>
<td>35603.13</td>
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<td>5100002043</td>
<td>WELL 2</td>
<td>26018.52</td>
<td>17</td>
<td>10</td>
<td>321413.51</td>
<td>256142.15</td>
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<td>WELL 1</td>
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<td>17</td>
<td>10</td>
<td>321797.11</td>
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<td>POND 2 (CORRECTED)</td>
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<td>POND 1</td>
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<td>J &amp; E PETRONGLO &amp; SONS FARM</td>
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<td>3100067503</td>
<td>WELL Homestead 2</td>
<td>17469.19</td>
<td>06</td>
<td>14</td>
<td>335084.38</td>
<td>263908.68</td>
<td>1ft</td>
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<td>1.095Feet</td>
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<td>J &amp; E PETRONGLO &amp; SONS FARM</td>
<td>AGRO050001 W/SWL</td>
<td>3100006509</td>
<td>WELL Homestead 1</td>
<td>17823.21</td>
<td>06</td>
<td>14</td>
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<td>263730.76</td>
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<td>J &amp; E PETRONGLO &amp; SONS FARM</td>
<td>AGRO050001 W/SWL</td>
<td>3100009910</td>
<td>WELL Joan Petronglo</td>
<td>19151.95</td>
<td>06</td>
<td>14</td>
<td>335220.97</td>
<td>262221.23</td>
<td>2.816ft</td>
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<td>6.208Feet</td>
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<td>NU PUMP INC</td>
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<td>WELL I-1</td>
<td>10777.89</td>
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<td>10</td>
<td>337764.32</td>
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<td>1200ft</td>
</tr>
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<td>GL243R</td>
<td>Viscconti Greenhouses</td>
<td>AGRO060001 W/SWL</td>
<td>3100022612</td>
<td>WELL 1</td>
<td>18969.26</td>
<td>08</td>
<td>05</td>
<td>342254.00</td>
<td>265292.00</td>
<td>100ft</td>
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<td>GL0073</td>
<td>Travaglione Farm</td>
<td>AGRO030001 W/SWL</td>
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<td>12412.38</td>
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<td>341890.65</td>
<td>273979.92</td>
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<td>GL0250</td>
<td>OLBIRCH FARMS</td>
<td>AGRO060001 W/SWL</td>
<td>3100050093</td>
<td>WELL 5</td>
<td>7671.87</td>
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<td>05</td>
<td>325721.84</td>
<td>276216.57</td>
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<td>3100039968</td>
<td>WELL D-1</td>
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<td>08</td>
<td>05</td>
<td>338139.15</td>
<td>269410.34</td>
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<td>3100045722</td>
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<td>WELL EW-5</td>
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<td>34925.00</td>
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<td>WELL EW-9</td>
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<td>25ft</td>
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<td>Motiva Enterprises LLC Tank Truck Spill</td>
<td>WAP030001 W/SWL</td>
<td>3100068787</td>
<td>WELL EW-6</td>
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<td>08</td>
<td>05</td>
<td>343906.00</td>
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<td>2554P</td>
<td>Motiva Enterprises LLC Tank Truck Spill</td>
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<td>3100068780</td>
<td>WELL EW-7</td>
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<td>05</td>
<td>343901.00</td>
<td>265989.00</td>
<td>100ft</td>
<td>14ft</td>
<td>39ft</td>
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</table>

*Notes: Intake 1, POND 1, and WELL 1 are examples of well names and measurements.*
| No. | Well Name | Acquirer | Location | Total Depth (Feet) | 100Ft | 200Ft | 300Ft | 400Ft | 500Ft | 600Ft | 700Ft | 800Ft | 900Ft | 1000Ft | 1100Ft | 120Ft | 130Ft | 140Ft | 150Ft | 160Ft | 170Ft | 180Ft | 190Ft |
|-----|-----------|----------|----------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 145 | DUBOIS FARM | AGC030001 | WSWL | 3100027025 | WELL 1 | 23938.66 | 17 | 10 | 30883.22 | 273753.12 | 500Ft | 80Ft | 110Ft | 120 | 10Ft | 1600 | 1451 | 500gm | 16130 |
| 146 | FRANKLIN TWP | WUR030001 | WSWL | 3100053362 | WELL 1 | 6192.41 | 08 | 05 | 321669.03 | 286467.36 | 6000Ft | | | | | | | | 100 | | 1600 | 1451 | 150gm | 13203 |
| 147 | GENOA FARMS | AGC050001 | WSWL | 3100030749 | WELL 3 | 22923.64 | 08 | 05 | 35227.65 | 271075.95 | 400Ft | 53Ft | 113Ft | 118.327 | 10Ft | 1600 | 1451 | 350gm | 17536 |
| 148 | GENOA FARMS | AGC050001 | WSWL | 3500000883 | WELL 1 | 24889.92 | 08 | 05 | 351594.86 | 271316.09 | 400Ft | 22Ft | 42Ft | 126.311 | 10Ft | 1600 | 1451 | 400gm | 17337 |
| 149 | GENOA FARMS | AGC050001 | WSWL | 3500000885 | WELL 2 | 24908.52 | 08 | 05 | 35597.13 | 271273.91 | 400Ft | 26Ft | 40Ft | 126.311 | 10Ft | 1600 | 1451 | 400gm | 17353 |