APPENDIX M1

Water Supply Report

Lost Lake Resort Water Supply Report

Lost Lake Resort Property Town of Forestburgh, Sullivan County, New York

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LOST LAKE RESORT WATER SUPPLY REPORT

Town of Forestburgh, New York

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1.0 BACKGROUND

This report was prepared to summarize the results of an ongoing groundwater testing study being conducted on the Lost Lake Resort Property in the Town of Forestburgh, Sullivan County, New York (see). The property is approximately 2,079.51 acres in size and its location is shown in Figure 1, Location Map. The Lost Lake Resort is planned to be a resort community that will provide an upscale recreational destination consisting of; single family residential lots, hotel/conference facilities, a cottage and condominium component, and extensive recreational amenities. On-site recreational amenities for residents and guests will include an 18-hole championship golf course and driving range, clubhouse and restaurant, swimming and boating facilities at Lost Lake, tennis courts, a health and wellness spa, and a system of wilderness trails for passive recreation.

Ongoing groundwater exploration and testing is continuing to provide the groundwater supply that will have sufficient water for the full buildout of the project. The average daily demand for the full buildout of the project is 897,055 gpd with a maximum day demand (or 2x the daily demand) of 1,246 gpd. At the completion of the entire groundwater testing study the maximum day demand will be met with the best well out of service.

At the writing of this report sixteen (16) wells have been drilled on the property. Four (4) wells have been tested with a 72 hour pump test, which is detailed below. Twelve (12) other wells have been drilled. All wells are shown on Figure 2, Well Location Map. Certain wells did not provide sufficient yields (driller's estimate) to be tested. Other wells will be tested as part of another 72-hour pump test, once more wells are drilled.

Recharge Analysis

A recharge analysis was completed to estimate the amount of water available for recharge from the Lost Lake Resort property only. This analysis provides a conservative estimate of available groundwater within the site boundaries. The actual area contributing groundwater to the on-site wells will be larger, due to bedrock fractures extending beyond the property boundaries.

The project site is likely underlain by a system of subsurface minor faults and fractures. The fractures, if tapped successfully, will potentially pick up recharge from a large area, including the area beneath nearby surface water bodies. The faults and fractures that form the valleys surrounding the project site may extend for miles and intercept additional fractures well beyond the property. Precipitation falling anywhere within this area naturally drains towards the valleys from the higher elevations. As previously noted, between 15 and 40 percent of precipitation becomes groundwater through recharge and is potentially available to wells tapping these interconnected fractures. The following table provides an estimate of the amount of water available for recharge for only the subject property assuming 25 percent rate of precipitation recharge.

| Table 1 Recharge Calculations Pre-Construction Lost Lake Resort | | | | |
|--|-------------------------|--|--|--|
| Acres | 2,080 | | | |
| Square Feet | 90,604,800 | | | |
| Average rainfall per year (inches) | 49.58 | | | |
| Average rainfall per year (feet) | 4.13 | | | |
| Cubic feet of precipitation per year | 374,197,824 | | | |
| Gallons of precipitation per year | 2,799,194,112 | | | |
| Amount lost to evapotranspiration and runoff (75%) | 2,099,395,584 | | | |
| Amount, in gallons, available for recharge per year | 699,798,528 | | | |
| Amount, in gallons, available for recharge per day | 1,917,256 | | | |
| Amount, in gallons, available for recharge per minute | 1,331 | | | |
| Source: Tim Miller Associates, Inc., Note: Rainfall figures are an average of annual rainfall amounts for Table 1 in the Soil Survey of Sullivan County, NY. | Liberty, New York, from | | | |

This quantitative analysis of the recharge potential for the project site is only an estimate, since the recharge area for subject property could conceivably take into account an area that is considerably larger than the local watershed itself. The location, width, and the interconnection of fractures, all affect the amount of groundwater available in any given location.

Using a fairly conservative recharge rate of 25 percent (the percentage of precipitation available to recharge groundwater) results in about 1,917,256 gpd available from the site alone or 1,331 gpm. This recharge rate exceeds the full build-out estimated project maximum daily demand of 1,794,110 gpd or 1,246 gpm. The available groundwater resources appears to be adequate for existing on-site water demand, as shown by this recharge analysis (shown in Table 1 above).

2.0 GEOLOGY AND FRACTURE TRACE ANALYSIS

The Fracture Trace Analysis of the Lost Lake Resort property in Forestburgh, NY, was completed using the United States Geologic Survey (USGS) digital elevation data combined with one foot infrared ortho-imagery. The data was processed in a geo-spatial software package. The database also includes existing aquifer and geologic fault data from the New York State Museum archives. The images in the figures below show the fracture traces as dashed blue lines. The property line is shown as a dotted yellow line. The mapped fault lines from the NYS database are shown as dashed red lines (none shown within the property limits). Figure 3 provides a digital terrain model of the wide project area which includes the bedrock geologic formations. Figure 4 shows the surficial deposits for the area including possible gravel aquifers. Figure 5 shows the areas that potentially contain gravel deposits based on the topography. Figure 6 shows the fracture traces as blue dashed lines.

The Forestburgh area is underlain by the Upper Devonian aged Walton formation, a unit primarily composed of shale, sandstone and conglomerate rock. The rock structure is generally flat lying to slightly inclined. Bedrock outcrops are not common except along road rock-cuts or on hill peaks. The Walton formation has poor primary permeability but does have better than average secondary permeability since the rock units, other than the shale portion, contains a

relatively low percentage of clay components. Therefore, wells that intercept bedrock fractures have somewhat higher yields than do average wells in other rock types. The NYS Museum data indicates that there are unconsolidated aquifer deposits in the area of the Lost Lake site but no specific information is available about the deposits within the property limits.

The fracture trace map (Figure 6) shows several areas that may contain significant fracturing and were considered to be suitable for well drilling. The central and southern portions of the property appear more heavily fractured and thus were the focus of the well drilling operations.

3.0 WELL DRILLING

All wells were drilled into bedrock to depths greater than 590 feet below ground surface (ft bgs), with some wells exceeding 1,000 ft bgs. Water bearing fractures were intercepted at depths ranging from 90 ft bgs to 965 ft bgs. Significant water quantities were developed from several wells from depths below 700 feet (see Table 2 below). Several wells failed to produce sufficient water for testing and were used as monitoring wells. Well BB, although it produced approximately 60 gpm as a drillers estimated yield, was not tested because of it proximity to an off-site private well which was inaccessible for monitoring during the pump test. This well was not pumped and instead was used as a monitoring well during the completed pump tests. All sixteen well logs are included in Attachment A.

No suitable gravel deposits were encountered during the drilling operations to date. All wells completed were finished in the bedrock with a minimum of 50 feet of steel casing. Air percussive drilling was used to complete all wells. Air percussive drilling uses compressed air to both power the carbide down-hole hammer drill bit and to remove the cuttings from the boring. The stream of compressed air used to remove the cuttings also "blows" the water out of the boring. That flow is measured and is called the "drillers yield" shown in Table 2 below.

Well CC was found to have a yield greater than 200 gpm. Since that well was completed as a six-inch well, the largest pump that could be installed in Well CC was a 100 gpm pump. Therefore, Well DD was drilled next to and as a replacement for Well CC. Well DD was completed as an 8-inch well which allowed for the installation of a suitably sized pump, and was pump tested at 200 gpm. Well HH was drilled at a later date to establish the mechanical back-up to the best well (Well DD), and this well was also tested at 200 gpm.

| Table 2 Well Drilling and Testing Results | | | | | | | |
|--|------------|-------------------------|--|---|-----------------------------|---------------------------|--|
| Well | Drill Date | Total Depth (ft bgs) | Static Static Water Level (ft bgs) | Depth to Water Bearing Fractures (ft bgs) | Drillers Yields (gpm) | Tested Yields (gpm) | |
| Well A | 08-04-2008 | 805 | overflow | 770 | 6 | NT | |
| Well F | 08-06-2008 | 905 | 32 | 750 | 6.5 | NT | |
| Well D | 08-11-2008 | 1,005 | 35 | | <1 | NT | |
| Well BB | 09-18-2008 | 1,005 | 22 | 320, 780 | 60 | NT | |
| Well P | 09-23-2008 | 1,005 | 65 | 376 | 20 | 18 | |
| Well CC | 09-29-2008 | 695 | 5 | 325, 695 | 200+ | NT | |
| Well DD | 10-07-2008 | 917 | 5 | 110, 345, 420, 490, 685, 715 | 225 | 200 | |
| Well O | 10-20-2008 | 1,005 | 7 | 140, 750, 880 | 30 | 50 | |
| Well HH | 12-08-2009 | 595 | 5 | 90, 380, 535 | 225 | 200 | |
| Well EE* | 12-16-2009 | 1,200 | 35 | 835, 965 | 20 | NT | |
| Well FF* | 01-06-2010 | 805 | 4 | 175, 460, 700 | 70+ | NT | |
| Well JJ* | 01-15-2010 | 765 | 4 | 692 | 60+ | NT | |
| Well II* | 02-03-2010 | 1,205 | | 158 | 4 | NT | |
| Well N* | 02-24-2010 | 1,080 | | 85 | 15+ | NT | |
| Well C* | 03-18-2010 | 1,105 | | 780 | 1 | NT | |
| Well M* | 04-15-2010 | 955 | | 600 | 1 | NT | |

Notes:

ft bgs - feet below the ground surface;

gpm - gallons per minute;

NT - not tested during a pump test as of yet;

* - Wells drilled after the initial pump tests were conducted.

--- Static water level not provided, not applicable due to low estimated yield.

4.0 PRIVATE WELL MONITORING

The initial step in the off-site well monitoring program involved sending questionnaires, regarding the construction and performance of their respective private wells. These monitoring requests were sent via certified, return-registered receipt to properties within a 1,500 foot radius of the test wells. Due to the size of the Lost Lake Resort property the 1,500 foot radius was not large enough to include off-site locations. Therefore, adjoining properties were contacted for monitoring. A copy of the letter, questionnaire, and a list of recipients of the mailing is attached in Attachment B.

No homeowners responded to the monitoring request mailing. TMA attempted to contact homeowners by telephone. No response from the phone survey was received. Finally, a follow-up personal door-to-door visit was conducted. Letters were hand-delivered to selected properties near the site. One negative response was received and no positive responses were received from the list of potential off-site monitoring locations.

5.0 TEST PROCEDURE

Pump Test - November 9, 2009 to November 11, 2009

The initial pump test, conducted in November 2009, tested Wells DD, P, and O. Wells D, BB, and F were used as monitoring wells along with two hand-installed piezometers in the wetlands adjacent to Wells DD and O. The discharge points for the test wells are shown on Figure 2, Well Location Map.

All of the above monitoring points and test wells were fitted with digital data loggers programmed to record water level datum from each well at a frequency of one reading per minute in the test wells and one reading per hour in the monitoring wells. The data loggers were installed in the monitoring wells a minimum of 48 hours before the start of the pumping test and were left in the wells after the test was completed to record recovery.

The well testing was completed as a "stress" test in which the three (3) test wells were pumped simultaneously for 72-hours. The three wells were tested at constant rates, based on the estimated rates established during drilling (see Table 2). Adjustments of the pumping rate were needed during the test in Well P and Well O. Well P was started at 20 gpm but had to be reduced to 18 gpm while Well O was started at 40 gpm but at that rate the well was not being sufficiently stressed and was boosted to 50 gpm (the maximum available output of the pump, not the well). Well DD was maintained at 200 gpm. The test results are shown in the charts displayed in Graphs 1 to 9, within Attachment C.

Pump Test - December 19, 2009 to December 21, 2009

Well HH, a new 8-inch well, was drilled in the vicinity of Well DD to provide the mechanical back-up well to the best project well (Well DD). This new well, Well HH was tested in December 2009 at 200 gpm. Wells P, O and CC were used as monitoring wells during this test. The test proved that Well HH was suitable to produce 200 gpm. The Well HH test data are shown in Graphs 12 through 16, within Attachment C.

6.0 WATER QUALITY

Water was collected from each test well just before the pumping test was shut down. The samples were transported (same day) in iced coolers to a New York State certified laboratory for analysis using the parameters specified by the NYSDOH Subpart 5.1 parameters for public water supplies.

The water tested during the pumping test meets the New York State Drinking Water Standards, with the exception of turbidity in Well P. The turbidity result for Well P is 6.8 NTU, and the standard is 5.0 NTU. Turbidity is common in newly installed wells and this issue can be resolved with a simple filtration system, should turbidity be found in future sampling during well permitting process.

Sodium in Wells O and P was found to be 29,000 ug/L and 65,000 ug/L. Although there is no NYSDOH standard for sodium, a guidance provision indicates that if the water supply contains more than 20,000 ug/L of sodium, that water should not be used by people on severely restricted sodium diets. The laboratory analytical results are attached to this report (see Attachment D).

At the completion of each 72-hour pump test water was collected from each test well. The samples were transported (same day) in iced coolers to a New York State certified laboratory for analysis using the parameters specified by the New York State Department of Health (NYSDOH) Subpart 5.1 parameters for public water supplies.

7.0 WEATHER DURING TEST PERIOD

No significant rain was recorded during the week preceding the start of the pumping test in November 2009. Climate data was obtained from the National Oceanic and Atmospheric Administration (NOAA) dated from November 1st through December 31st, 2009. This data was collected in Montgomery, New York, the closest NOAA recording location, to the Lost Lake property. No precipitation was observed while on-site during the testing time period. The closest precipitation event prior to the November 9, 2009 pump test was on November 5, 2009 and it produced 0.05 inches of precipitation. The closest precipitation event prior to the December 13, 2009 and it produced 0.63 inches of precipitation. Climate data from the National Oceanic and Atmospheric Administration (NOAA) dated from November 1, 2006 to December 29, 2006 is included in Attachment E.

8.0 PUMPING TEST RESULTS

Test Well Results

The pump test data shows that the influence of the test wells appears to be limited to areas that are defined by the fracture traces, specifically the orientation of the areas of influence are limited to areas northwest and southeast of the test wells. Those areas are within the Lost Lake property limits and are not expected to affect any off-site private wells. The data developed from the piezometer points located in the wetlands (Graphs 10 and 11, within Attachment C) indicated that the pumping test had no adverse influence on the wetlands hydrology.

| | Pump Te | | le 3 HH considered E | Best Well) | |
|---------|-----------------------------|-------------------------------|-----------------------------------|---------------|--------------------|
| Well | Test Dates | Total Drawdown (ft bgs) | Depth Pump was Set (ft bgs) | Stabilization | Test Rate (gpm) |
| Well DD | 44.00.0000.4 | 350 | 400 | >24 hours | 200 |
| Well P | 11-09-2009 to 11-11-2009 | 335 | 400 | >24 hours | 18 |
| Well O | 11-11-2009 | 90 | 400 | >24 hours | 50 |
| Well HH | 12-19-2009 to 12-21-2009 | 160 | 400 | >24 hours | 200 |

Table 3, provided above, shows the stabilized pumping rates for the test wells. These maximum stabilized rates are expected to be higher than the future operational pumping rates. The "Time Drawdown Charts", or 180 day drawdown projections, demonstrate that during an extended period of drawdown (a 180 day period with no recharge), the water level in the wells will not reach the level of the pumps (see Graphs 2, 4, 6 and 13, within Attachment C). Well O was found to have a significantly higher yield than the "drillers yield" had indicated. The test was started at a rate of 40 gallons per minute and had to be adjusted to 50 gallons per minute. Even at the higher rate of 50 gpm the amount of drawdown was limited to 90 feet bgs. This would indicate that this well could produce a significantly higher yield.

Transmissivity and Storativity calculations were not completed for these wells because the wells do not meet any of the assumptions required for the analytical methodology for these parameters. The assumptions listed below are followed by an explanation of why the assumption cannot be met.

The assumptions required by the Theis equation, or all similar solutions are:

- *Homogeneous, isotropic, confined aquifer* The bedrock aquifer is composed of low permeability anisotropic (bedding) materials (siltstone/shale) with irregularly spaced water bearing fractures. The fractures are part of a network of fractures that are, at least in part, open to the land surface.
- Well is fully penetrating (open to the entire thickness (b) of aquifer) The bedrock materials can extend thousands of feet in depth before transitioning into another type of bedrock material. Bedrock wells do not fully penetrate the thickness of the aquifer.
- The well has zero radius (it is approximated as a vertical line), therefore no water can be stored in the well, and the pumping well is 100% efficient, well has a constant pumping rate Q The wells for this project are typically six inches in diameter and store about 1 gallon per foot of depth. The well efficiency is dependent on the number, orientation and geometry of the bedrock fractures and cannot be considered 100% efficient.
- Aquifer is infinite in radial extent The bedrock aquifer is by nature a linear structure composed of cracks and voids that are oriented in particular directions determined by the source of stress that created the fractures.
- Horizontal (not sloping), flat, impermeable (non-leaky) top and bottom boundaries of aquifer Bedrock fractures are rarely horizontal and are typically oriented at an angle of 30 to 60 degrees to the direction of stress (Young's Modulus). Bedrock fractures could extend to the land surface or can continue at depths of thousands of feet.
- Groundwater flow is horizontal See above.
- No other wells or long term changes in regional water levels (all changes in potentiometric surface are the result of the pumping well alone)

Even though these assumptions are rarely all met, the solution may still be useful depending on the degree to which they are violated (e.g., if the boundaries of the aquifer are well beyond the part of the aquifer which will be tested by the pumping test). However, if none of the assumptions are met, the solution will bear no relevancy to the real world conditions and will produce values that are not useful. Distance Drawdown Graphs require transmissivity calculations to complete, and therefore, given that the transmissivity data is not available, distance drawdown graphs are not included. However, observation of monitoring well data has shown that there was a drawdown of 5.5 feet in Well F and 2.2 feet in Well D (Graphs 8 and 9, respectively, within Attachment C). Well D is 2,880 feet from test Well O, 2,972 feet from pumping test Well P and 3,900 feet from well CC. Well F is 1,890 feet from Well O, 1,635 feet from Well P and 2,627 feet from Well CC.

The designation of wellhead protection areas is not practical for wells that draw from bedrock aquifers. Unlike unconsolidated well sources (sand and gravel) that have "cones of influence" that can be determined by mathematical methods, bedrock aquifers are linear features that have variable (and unknown) extent and contributing fractures. However, the source of water for bedrock fractures tends to be "valley bottoms". Fractured bedrock is less competent than solid bedrock and tends to form linear valleys. In the Forestburgh area the valleys tend to correspond

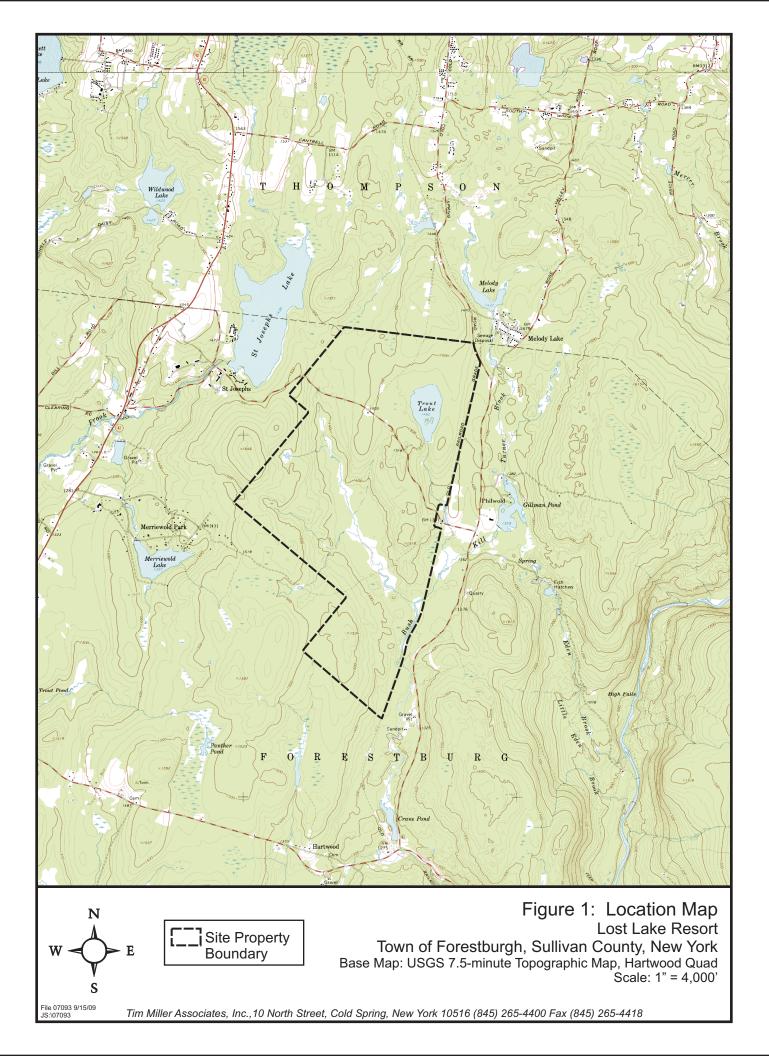
to wetlands that are already protected and thus serve to act as de facto well head protection areas for the production wells.

| | Table 4 Stabilization | | | | | |
|---------|--------------------------------|---|--|--|--|--|
| Well | Well Saturated Depth ft) | Water Level Change During Last 6 Hours (ft) | | | | |
| Well DD | 590 | -0.39 | | | | |
| Well P | 940 | -0.74 | | | | |
| Well O | 998 | -0.06 | | | | |
| Well HH | 590 | -0.38 | | | | |

9.0 CONCLUSIONS

The production wells completed for the Lost Lake Resort, thus far, are suitable for use as a community well system. Future use of these wells will not adversely impact off-site private wells, based upon monitoring well data collected during these tests. The following conclusions can be made:

- 1. The project requires that a total of 1,246 gpm be proven (two times the average daily design flow of 623 gpm, with the best well out of service). The wells were pump tested at a combined rate of 268 gpm during the first and second test (pumping Wells DD, HH, O and P). Groundwater recharge rates to the bedrock aquifer are estimated to be 1,917,256 gallons per day or 1,331 gallons per minute, based upon a conservative recharge model utilizing local precipitation rates. The proposed average daily water demand is 897,055 gpd or 623 gpm. Therefore, adequate groundwater is available from precipitation on the project site to supply project water demands during normal and during drought conditions.
- 2. The pumping test results shows that Wells DD, HH, P and O can produce 268 gpm with the best well out of service. This well yield does not provide sufficient water supply for the full buildout of the project, which is 623 gpm average daily demand or 1,246 gpm maximum daily demand. The project water supply development and groundwater analysis is ongoing and more wells are being drilled to provide the water demand for the full project build-out.
- 3. The "Time Drawdown Charts", or 180 day drawdown projections, demonstrate that during an extended period of drawdown (a 180 day period with no recharge), the water level in the wells will not reach the level of the pumps (see Graphs 2, 4, 6 and 13).
- 4. The water tested during the pumping test meets the New York State Drinking Water Standards, with the exception of turbidity in Well P. The turbidity result for Well P is 6.8 NTU, and the standard is 5.0 NTU. Turbidity is common in newly installed wells and this issue can be resolved with a simple filtration system, should turbidity be found in future sampling during well permitting process.



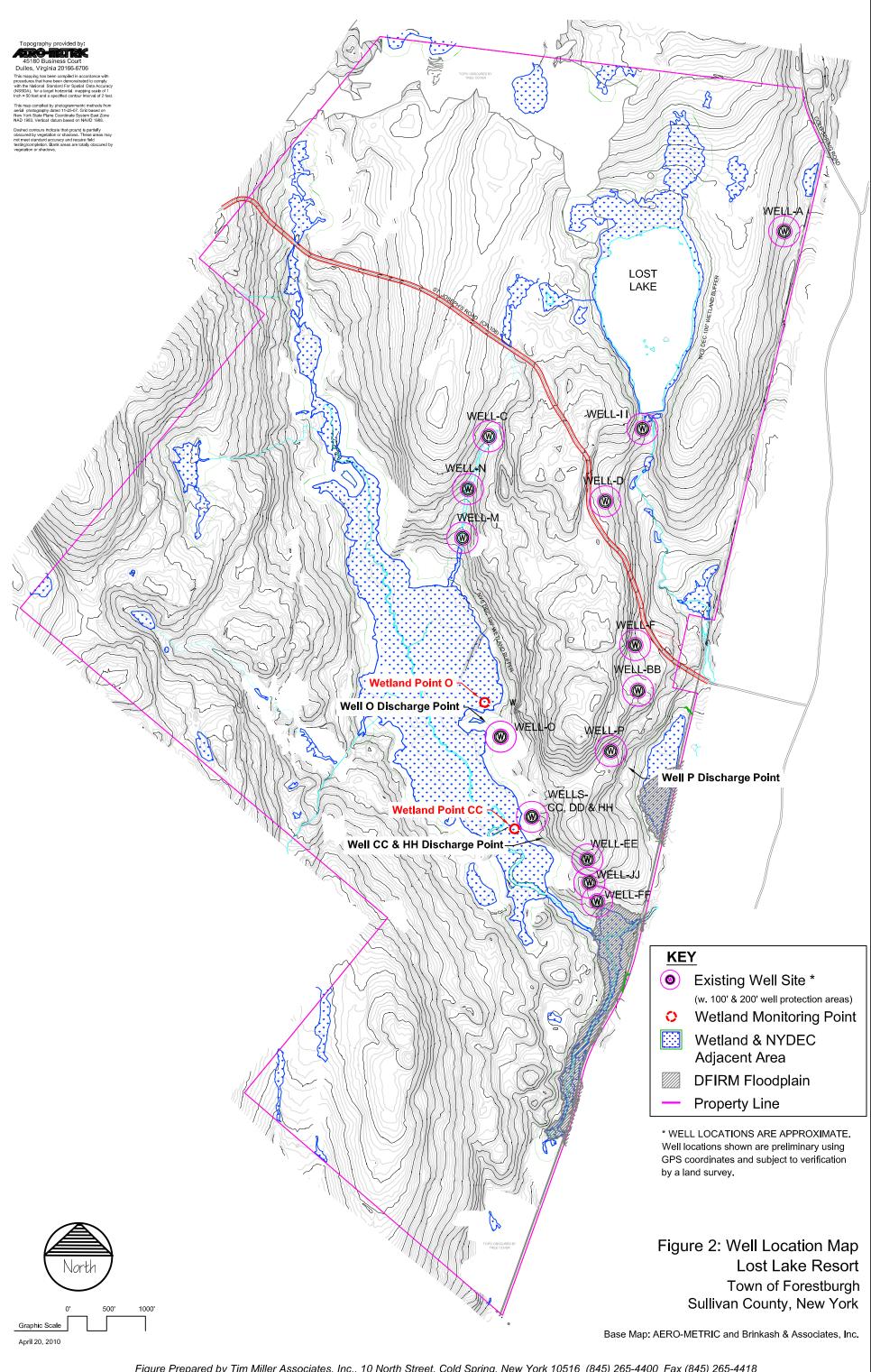
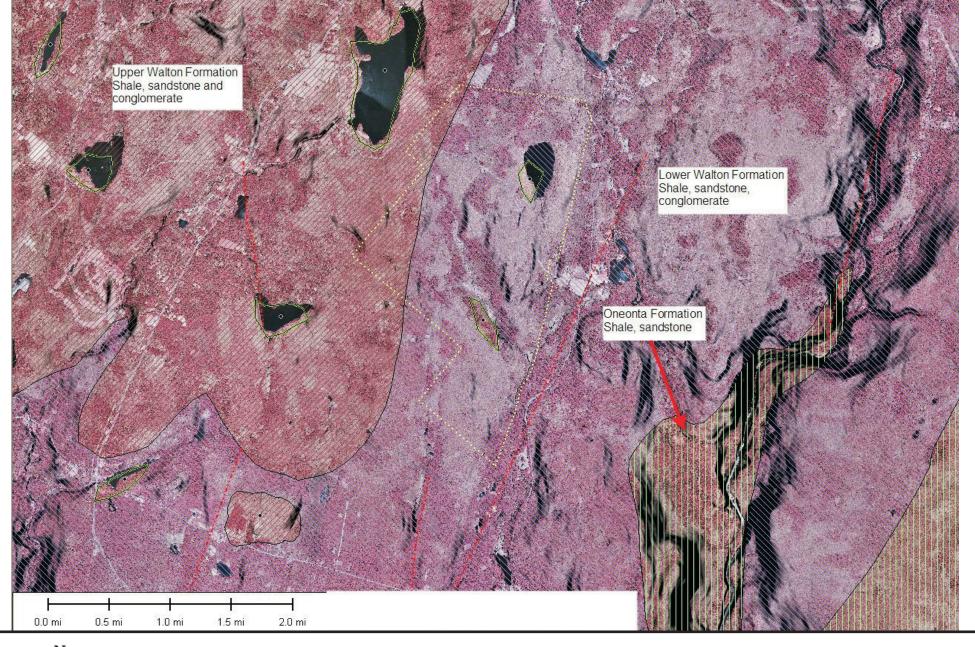


Figure Prepared by Tim Miller Associates, Inc., 10 North Street, Cold Spring, New York 10516 (845) 265-4400 Fax (845) 265-4418



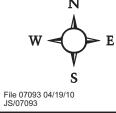
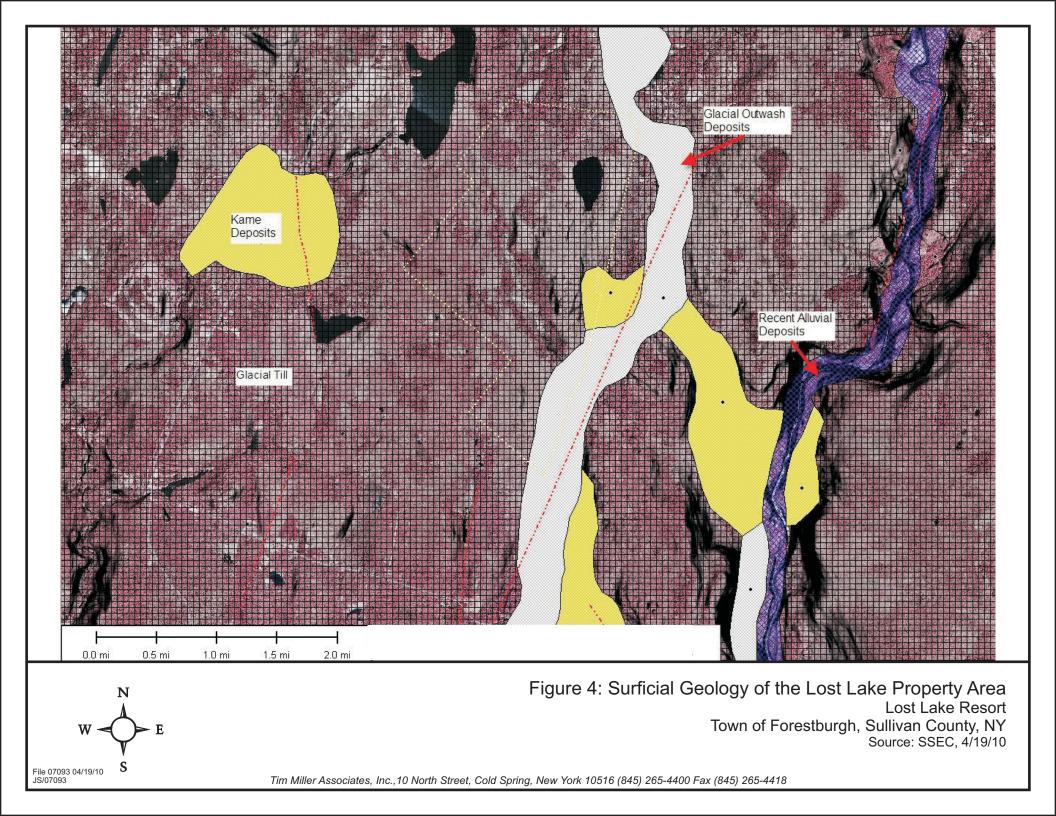
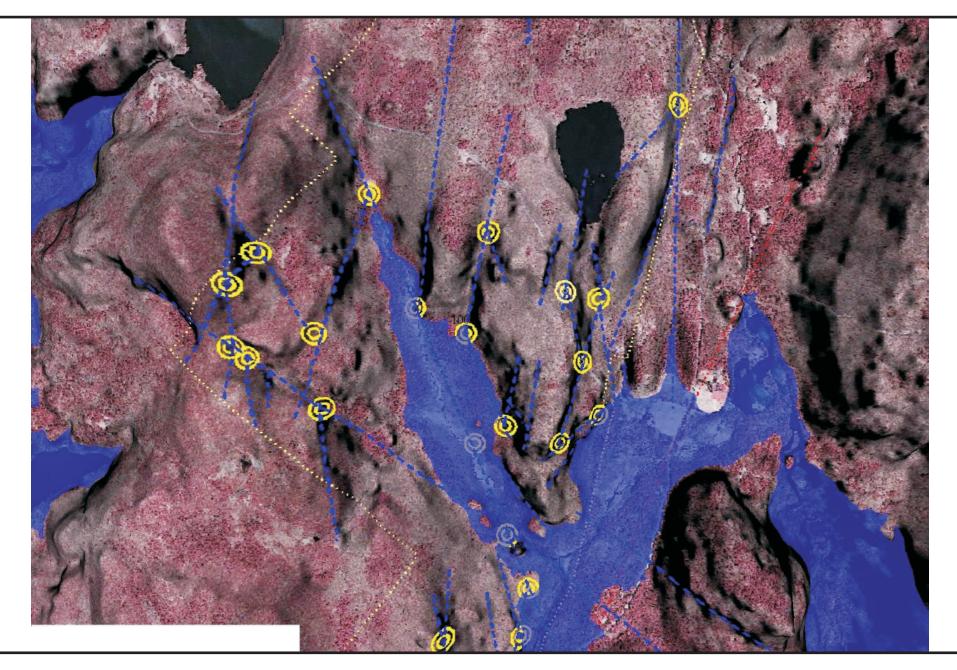


Figure 3: Bedrock Geology of the Lost Lake Property Area Lost Lake Resort Town of Forestburgh, Sullivan County, NY Source: SSEC, 4/19/10

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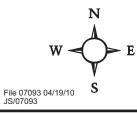
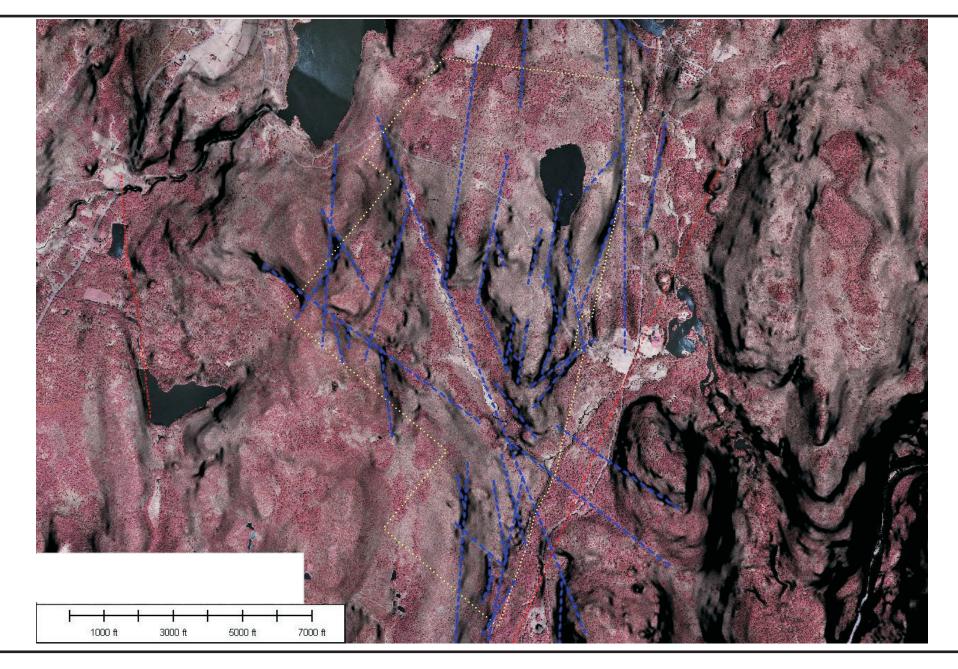


Figure 5: Possible Unusable Gravel Deposit Areas Lost Lake Resort Town of Forestburgh, Sullivan County, NY Source: SSEC, 4/19/10

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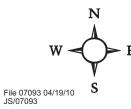


Figure 6: Fracture Trace Analysis Lost Lake Resort Town of Forestburgh, Sullivan County, NY Source: SSEC, 4/19/10

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Attachment A

Well Logs

BOYDARTESIANWELLC

| NEW YORK STA | E DEPARTMENT OF EI | NVIRONMENTAL CONSERV | VATION | • . |
|--|---|--|---------------------------------------|-------------------------------------|
| 1) COUNTY Gullsum | | | (3) DEC W | ell Number |
| I want all the | | | 613 | n83 |
| a) TOWN <u>FORED FROM SEAT</u> | ER WELL COMP | LETION REPORT | | |
| (4) OWNER RUGELE MAPHON | 10 COMPAR | 1155 | ⁽⁴³⁾ L | OG |
| (5) ADDRESS | and the second se | TX 16231 | Depth to Bedrock | (ft, below |
| (B) LOCATION OF WELL (Sen Indirucions On Raverse) (Chec | | bove, also provide Lat / Long below) | Ground Elev. | ground surface) (ft. above S.L.) |
| (U) LOOR I ON MELL (Sen million of the | IALE PIAMON | D | Top of Casing | (ft., above (+) |
| GPS Anp Interpolation | mesth | Matt | | v (-) ground surface) |
| (7) DEPTH OF WELL BELOW LAND SURFACE (Inel) | (6) DEPTH TO GROUNDWATER BELOW LAND SURFACE (fon | | TOP OF | |
| and the second | SINGS | | | CARAVEL |
| (9) DIAMETER (0 in. 0/9 ##/F7 | in. | in. In. | | GRAVEL |
| (10) LENGTH 69 ft. | ft.] | ft. in. | 50 | 110- |
| (11) GROUT TYPE / SEALING | () | L М ТО | | N N |
| (13) MAKE & MATERIAL | (14) OPENINGS | | | |
| (15) DIAMETER | in. | in. In. | | |
| (16) LENGTH ft. | ft. | ſt. in. | | ROCK (GRAD |
| (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CARING (Feet) | | | | Incon |
| ALL SALES | DITEST IN A CONTRACT | | | IGAN |
| (18) DATE 8/4/0/3 | (19) DURATION OF TEST | 3 | · · | |
| | (21) STABILIZED DISCHARGE (GI | PM) G | | |
| (22) STATIC LEVEL PRIDE TO TEST (faat/inclies below lop of cashig) | (23) MAXIMUM DRAWDOWN (Sia (feet/inchina below top of unair | blized) Ig) | | |
| (24) RECOVERY (Time in hours/minutes) | (25) Wes the water produced durin- discharged sway from immedia | g lihe test hte area? Yes No | 470 | GEAN |
| | STANDATIONR | (28) PUMP INSTALLER | · · · · · · · · · · · · · · · · · · · | WI IGPAI |
| (26) PUMP INSTALLED? YES NO | | | | |
| (29) TYPE | (3D) MAKE | (31) MODEL | | |
| (32) MAXIMUM CAPACITY (GPM) | (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Fee | | | |
| | | | | |
| (34) METHOD OF DRILLING X Rotary Cable Tool Other | (35) USE OF WATER (See instructions for choices) | MARC/ KALSOTO | | . F. C. M. M. |
| (36) DATE DRILLING WORK STARTED | (37) DATE DRILLING WORK CON | 3/4/08 | 110 | WGGAN. |
| (38) DATE REPORT FILED (39) REGISTERED COMPANY |)1.201 (n | (40) DEC REGISTRATION NO. NYRD <u>DIG 45</u> | | |
| (41) CERTIFIED DRILLER (Print name) | (42) CERTIFIED DRILLER SIGNA | TURE * | 1 . | le le |
| HENRY M. MOTO | | and the second | 805 | l y |
| * By signing this document I hereby affirm that: (1) | am certified to supervise w | ater well drilling activities as | BOTTOM | OF HOLE |

| 01/08/2009 14:30 | 8452258420 | BOYDARTESIANWEL | LC | | PAGE 05/09 |
|---|---|--|-------------|--------------------|---------------------------------------|
| : | | | | | |
| NEV | V YORK STATE DEPARTMEN | IT OF ENVIRONMENTAL COM | SERVATION | | |
| | | | | (3) DEC Well | Number |
| OUNTY AULIVAN | nil | | | GV 300 | 36 |
| OWN MUNIPUNC | WATER WELL (| COMPLETION REPO | RT 🗋 | | |
| DWNER DICO | Laren 10 Chill | AANES | | ⁽⁴³⁾ LO | G |
| ADDRESS | MONY COMP | 162 | 31 Depth to | Bedrock | |
| 0100 NOLAH CUT | ESLEXMENSURY, | GUITE GOD DATIES 7 | X | | ground surface) |
| OCATION OF WELL (See Instructions On Rem w Lath-ong if evaluable | | address above, also provide Lat / Long t | Ground | | _ (ft. above S.L.) (ft., above (+) |
| method usod: Weller p | - NOUBLE PIAM | alald | lop of C | or below (- |) ground surface) |
| GPS Map Interpolation | (8) DEPTH TO GROU BELOW LAND SU | NDWATER DATE MEAS | URED | TOP OF V | WELL |
| | 105 BLOW BINGS | | | | The DERS |
| DIAMETER C | in I | in. | in. | 30 | GRANE |
| LENGTH | | | ln, | | Const. |
| 2/ n. | ft. (12) GROUJ ⁷ / SEALIN | ft. | | 100' | pour |
| GROUT TYPE / SEALING | (feel) | FROM TO | | 100 | 1617 1 |
| | (14) OPENINGS | | | 120 | per pock |
| | | | | | |
| DIAMETER | in. | in. | in. | | GAMME |
|) LENGTH | ft. | ft, | ln. | 230 | Rec |
| DEPTH TO TOP OF SCREEN, FROM TOP | OF CASING (Feel) | | | | REPARK |
| | NIELDUIGSI MARK | | | 250 | per pour |
|) DATE | (19) DURATION OF | TEST | | | GARAT |
| | (21) STABILIZED DIS | BCHARGE (GPM) | | 3.00 | 1000 |
| STATIC LEVEL PRIOR TO TEST | | WDOWN (Stabilized) ow top of casing) | | | MEAN YGUN |
| (leel/inches below lop of casing) | | motured during the test | | | |
|) RECOVERY (Time in hours/minutes) | discharged away | v from immediale area? Yes No No | | | · · · |
| | PUME INSTAULATION | (28) PUMP INSTALLER | | р. ч. ч. | PAT |
|) FUMP INSTALLED? YES I | (30) MAKE | (31) MODEL | | | GRAY |
|) TYPE | | | | | per |
| P) MAXIMUM CAPACITY (GPM) | (33) PUMP INSTALL FROM TOP OF | ATION LEVEL CASING (Feet) | | | |
| | (35) USE OF WATE | | | | a a a |
| A) METHOD OF DRILLING | | the for choices) | C. | | and the second second |
| B) DATE DRILLING WORK STARTED | (37) DATE DRILLIN | GWORK COMPLETED | | 160 | GEAN W |
| 8) DATE REPORT FILED (39) REGISTER | RED COMPANY | (40) DEC REGISTRATION NO | | | 612 617 |
| BIBAR MOVE | " MAGUAN WELL | W. NYRD Olla | 79 | | CAT |
| 1) CERTIFIED DRILLER (Print name) | (42) CERTIFIED DF | RILLER SIGNATURE * | | السر | GRAT |
| VENRY M.V. | BOYD | and the second | · · · · | 909 | ner per |
| By slowing this document I hereby | v affirm that: (1) I am certified to : | supervise water well drilling activiti | es as | BOTTOM | OF HOLE |

10.00

* By signing this document I hereby affirm that: (1) I am certified to supervise water well drilling activities as BOTTOM OF HOLE

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|--|--|--|---------------------------------------|--|
| NEW YORK STA | TE DEPARTMENT OF ENVIR | ONMENTAL CONSERV | ATION | |
| F(1)(n, 1) | | | (3) DEC We | I Number |
| 1) COUNTY MULLIMAN | | | GUBA | 85 |
| (2) TOWN COLETT HULLEAM WAT | ER WELL COMPLE | TION REPORT | <u></u> | |
| (4) OWNER DUMALE PLAMOND | COMPANIES | | ⁽⁴³⁾ LC |)G |
| (5) ADDRESS | ALGUITE 600, TAUP | 1× 16231 | Depth to Bedrock | (ft. below ground surface) |
| 10/COORTION IN A COORTING | ck here I If same as address above. a | iso provide Lat / Long below) | Ground Elev. | (ft. above S.L.) |
| show Lal/Long if available Well 0 - Nou. | MUE VIANDED YN | port / | Top of Casing | (ft., above (+) (-) ground surface) |
| OPS Map Interpolation Map Interpolation MOREL | (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) | DATE MEASURED | TOP OF | WELL |
| LAND SURFACE (feel) | | | | |
| (e) DIAMETER | in. in. | in. | 10' | ROCK |
| (10) LENGTH . 6/ ft. | ft. ft. | in. | | 4 |
| (11) GROUT TYPE / SEALING | (12) GROUT / SEALING INTERVAL (fool) FROM | TO | | |
| (13) MAKE & MATERIAL | (14) OPENINOS | | | |
| (15) DIAMETER In. | in. in. | in. | | |
| (10) LENGTH ft. | ft. [t. | in, | | |
| (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Faul) | | | | |
| (18) DATE G/11/7 B | (19) DURATION OF TEST | | · · · · · · · · · · · · · · · · · · · | |
| | (21) STABILIZED DISCHARGE (GPM) | 12 | | |
| (22) STATIC LEVEL PRIOR TO TEST (legifinches below top of casing) | (23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) | | | hour |
| (24) RECOVERY (Time in hours/minutes) | (25) Was the water produced during the te discharged away from Immediate area | иат а? Үня 💢 № | | BOLID GRAY NOCIL |
| THE REPORT OF THE REPORT OF THE REPORT OF | NSTALLATION PLAN | PUMP INSTALLER | | indly |
| (28) PUMP INSTALLED? YES NO | (27) DATE (28) | | | Im |
| (29) TYPE | (30) MAKE (31) | MODEL | | |
| (32) MAXIMUM CAPACITY (GPM) | (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feal) | n alle and an any first strengthere and the set of the set | | |
| (34) METHOD OF DRILLING | (35) USE OF WATER (See instructions for choices) | | | |
| (38) DATE DRILLING WORK STARTED | (37) DATE DRILLING WORK COMPLET | 2 | · | |
| (38) DATE REPORT FILED (39) REGISTERED COMPANY | | YRD <u>11695</u> | | |
| (41) CERTIFIED ORILLER (Print name) | (42) CERTIFIED DRILLER SIGNATURE | • | , | |
| HENRY M. BOYD | | 0 d.000 = = = = = = = = = = = = = = = = = = | 1005 | l pr |
| * By signing this document I hereby affirm that: (1 |) I am certified to supervise water ' | weil arilling activities as lucted in accordance with | воттом | OF HOLE |

BOYDARTESIANWELLC

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* By signing this document 1 hereby affirm that: (1) I am certified to supervise water well was constructed in accordance with

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n and a second s

| NEW YORK S | TATE DEPARTMENT OF | ENVIRONMENTA | L CONSERVAT | ION | |
|---|---|---|------------------------|--|-------------------------------|
| COUNTY DIAN | | | 1 | | Vell Number |
| Constational [1] | ATER WELL CON | PLETION R | EPORT | 03 | 88 |
| a) OWNER | | | | ⁽⁴³⁾ L | _OG |
| 5) ADDRESS | V Malthi, JAY. (| 781109.78 | 75233 Der | oth to Bedrock _ | (ft. below ground surface) |
| B) LOCATION OF WELL (See Instructions On Reverse) (C Show Lat/Long If available and method used: | | s above, also provide La | | p of Casing | , |
| GP3 Map Interpolation GP3 GP3 Map Interpolation GP4 JOPTH OF WELL BELOW LAND SURFACE (feet) JOD 5 | (8) DEPTH TO GROUNDWAT BELOW LAND SURFACE | | TE MEASURED | | F WELL |
| a) DIAMETER | CASINGS | | | (2) | TILL |
| 10) LENGTH | in.] | | in. in. | 12 | <u></u> |
| 11) GROUT TYPE / SEALING | (12) GROUT / SEALING INTE (feal) | | - ANALISIAN CONTRACTOR | | |
| 13) MAIKE & MATERIAL | (14) OPENINQS | | | | ROCK |
| 15) DIAMETER | in. | in, | in. | | |
| 16) LENGTH | n . | ft. | in. | 300 | |
| (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (FO | VIELDOMESTOR | | | 320' | 10CK 20 41 |
| (18) DATE 9/ (8/08 | (19) DURATION OF TEST (21) STABILIZED DISCHARG | Z ie (OPM) | | | |
| (20) LIFT METHOD Pump AIr Lift Ball (22) STATIC LEVEL PRIOR TO TEST | | | · · | | |
| (fee(Incher below top of cealing) (24) RECOVERY (Time In hours/minutes) | (feet/inches below top of (25) Was the water produced discharged away from im | during the test | No | | |
| the second s | | (28) PUMP INSTALL | LER | n a series National de la companya de la company La companya de la comp | FOCK |
| (28) PUMP INSTALLED? YES NO | (30) MAKE | (31) MODEL | · · · | | н., с. н.н. 1 |
| (32) MAXIMUM CAPACITY (GPM) | (33) PUMP INSTALLATION L FROM TOP OF CASING | EVEL (Feet) | . · | | |
| (34) METHOD OF DRILLING Rolary Cable Tool Cither | (35) USE OF WATER (See instructions for cho | | 3N - LC | 180 | 1769M 30 G PM |
| (38) DATE DRILLING WORK STARTED | (37) DATE DRILLING WORK | (COMPLETED 9/B/ (40) DEC REGISTRA | 0B | | |
| (38) DATE REPORT FILED (39) REGISTERED COMPANY | Alar Wallo,1 | NYRD _ | 21695 | | ROCK |
| (41) CERTIFIED DRILLER (Přini nama) | (42) CERTIFIED DRILLER S | IQNATURE | | | |
| * But air the deciment I hareby affirm that: | (1) I am certified to supervi | se water well drilling | activitiės aš | /009 BOTTO | M OF HOLE |

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| a an | · · · · · · · · · · · · · · · · · · · | | L CONSERVATIO | N | |
| NEW YOF | RK STATE DEPARTMENT | | · Γ | (3) DEC Well N | lumber |
| 1º 11 and | | | | | ×// |
| COUNTRY IN MILLING | | | | <u>IV 308</u> | 4 |
| OWN DICHT MULLET | WATER WELL C | OMPLETION R | EPORT L | | |
| | WATER WELL | , | | ⁽⁴³⁾ LOO | 5 |
| OWNER MARAN PLANT | NO COMPAN | 165 | | | |
| ADDRESS | | 76 | 5231 Dept | n to Bedrock | round surface |
| 10100 NOTAL CENTRAL | EXMERSINA / 19417 | COD, Marchan | at / Long below) Grou | nd Elev. | (ft. above S.L |
| DOCATION OF WELL (See Instructions Of Reverae) | (Check hore] IT same as | 157 PROPERTY | Тор | of Casing or below (-) | (it., above (- |
| how Lal/Long if available WELL P-1 | TOMOLE VINION | ie lat | | | |
| GP9 Map interpolation | (8) DEPTH TO GROU | | ATE MEASURED | TOP OF V | |
| I DEPTH OF WELL BELOW | (8) DEPTH TO GROU BELOW LAND SU | | | | 6.100 |
| A second second second | CASINGS | Manufacture and a state of the second se | in. | n' | 4 111 |
| a) DIAMETER | in, | in. | | <u>'U</u> | |
| 6 (0) 4 4 4 FT FT III. 1 | ft. | ft. | in. | | |
| 6/ n. i | (12) GROUT / SEALI | ING INTERVAL | TO | | , |
| 11) GROUT TYPE / SEALING | (1001) | and the state of the second | | | |
| | (14) OPENINGS | | AND REAL PROPERTY AND ADDRESS OF | | |
| (13) MAKE & MATERIAL | | | | | |
| (15) DIAMETER | in, l | in. | in. | | GRATI |
| in, j | | ft. | ln. | | ADCI |
| (10) LENGTH ft. | ft. | 16 1 | | | 1 |
| (17) DEPTH TO TOP OF SCREEN, FROM TOP OF C | ASING (Foet) | | The second s | | |
| | NIELID TEST | | | | |
| (18) DATE 0/73/ | (19) DURATION OF | | ð_ | · , | |
| 1/27/0 | | DISCHARGE (GPM) | \circ | 376 | |
| (20) LIFT METHOD Fump X AIr I.IN | | RAWDOWN (Stabilized) | | 0.11 | GEAM |
| (22) STATIC LEVEL PRIOR TO TEST (fent/inches bniow top of caeing) | (feet/inches b | | | VIIIe | 2041/1 |
| | | er produced during the test way from immediate area? Yes | X NO | | |
| | 1/2 | | ALL STREET, ST | | 1 |
| (24) RECOVERY (TIMO IT) DUISINING (24) | PERSONAL PARTICULAR IN PACE OF | VERIL AND | | l | |
| JOUN | EUMEINSHALLATICI (27) DATE | (28) PUMP INS | TALLER | | |
| (28) PUMP INSTALLED? YES NO. | (27) DATE | (28) PUMP INS (31) MODEL | TAILER | | |
| | (27) DATE | (31) MODEL | TALLER | | C.H.H. |
| (26) PUMP INSTALLED? YESNO. | (27) DATE (30) MAKE | | TAILER | | GNA |
| (28) PUMP INSTALLED? YES NO | (27) DATE (30) MAKE | | TALLER | , · · · | GNA |
| (26) PUMP INSTALLED? YESNO. (29) TYPE (32) MAXIMUM CAPACITY (GPM) | (27) DATE (27) DATE (30) MAKE (33) PUMP INST FROM TOP | (31) MODEL (31) MODEL OF CASING (Feet) | TALLER 110/Jun Jal 11. | | GNA Roc |
| (26) PUMP INSTALLED? YESNO. (29) TYPE | (27) DATE (27) DATE (30) MAKE (33) PUMP INST FROM TOP (35) UGE OF W/ (Seo Instruc | (31) MODEL (31) MODEL OF CASING (Feet) ATER clions for choices) | TALLER TOTALIC | | Grs. Roi |
| (26) PUMP INSTALLED? YESNO. (29) TYPE (32) MAXIMUM CAPACITY (GPM) | (27) DATE (27) DATE (30) MAKE (33) PUMP INST FROM TOP (35) UGE OF W/ (Seo Instruc | (31) MODEL (31) MODEL (31) MODEL OF CASING (Feet) ATER clone for choices) //////////////////////////////////// | nor whice | | GNA |
| (26) PUMP INSTALLED? YESNO (29) TYPE (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING A Rotery Cabin Tool Other (36) DATE DRILLING WORK STARTED GIGDDATE DRILLING WORK STARTED | (30) MAKE (30) MAKE (30) MAKE (30) MAKE (31) PUMP INST FROM TOP (35) UGE OF W/ (Seo Instruc- (37) DATE DRIL | (31) MODEL (31) M | INTO TUTIC | | Gra Roč |
| (26) PUMP INSTALLED? YESNO (23) TYPE (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING (34) METHOD OF DRILLING (35) METHOD OF DRILLING (36) DATE DRILLING WORK STARTED GILLAND | (30) MAKE (30) MAKE (30) MAKE (30) MAKE (31) PUMP INST FROM TOP (35) UGE OF W/ (Seo Instruc- (37) DATE DRIL | (31) MODEL (31) M | nor whice | | Grs Roc |
| (28) PUMP INSTALLED? YESNO (29) TYPE (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING (34) METHOD OF DRILLING (35) MATHOD OF DRILLING (36) DATE DRILLING WORK STARTED (36) DATE REPORT FILED (39) REGISTERED (39) DATE REPORT FILED (39) REGISTERED (39) REGISTERED (39) REGISTERED (39) REGISTERED | (30) MAKE (30) M | (31) MODEL (31) M | INTO TUTIC | | Grs. Roc |
| (26) PUMP INSTALLED? YESNO (29) TYPE (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING V Rotary Cabin Tool Other (96) DATE DRILLING WORK STARTED GI GLOCK | (27) DATE (27) DATE (30) MAKE (30) MAKE (33) PUMP INST FROM TOP (35) USE OF W/ (See Instruc- (37) DATE DRIL (37) DATE DRIL (37) DATE DRIL (37) DATE DRIL (37) DATE DRIL (37) DATE DRIL (37) DATE DRIL | (31) MODEL (31) MODEL (31) MODEL OF CASING (Feet) ATER clions for choices) JUNG WORK COMPLETED (10) DEC REGI NYRD | INTO TUTIC | 1026 | Gra |

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| OWN FORCHTHURGH | | | | (3) DEC Well | Number |
|--|--|---|--------------------|-----------------------|--------------------------------------|
| OWNER | Manlex 1.6h | | | ⁽⁴³⁾ LO | G |
| ADDRESS | property | 16 | Depth to | o Bedrock | (ft. below ground surface) |
| 0100 NORTH CENTRAL EXP | Chack berg Dif same as add | iress above, also provide 1.at / Lo | ong below) Ground | Elev. | _ (ft. above S.L.) |
| LOCATION OF WELL (See Instructions On Reverse) www.Lat/Long if available Configuration Configuration d motiod used: | | | Top of (| Casing or below (• | (ft., above (+) -) ground surface |
| GPS Map Interpolation WELL CL | (6) DEPTH TO GROUND | | 1EASURED | TOP OF V | NELL |
| DEPTH OF WELL RELOW LAND SURFACE (feat) 695 | BELOW LAND SURFA | .CE (feel) | | | 1 mar |
| | ICASINOS - | | NUMPRICHT-TRAPACIN | | Santa |
| DIAMETER | In. | in. I | ln. | 17 | Coople |
| 0) LENGTH 6/ ft. | ft. | ft. | ln. | nlanderman | Lawrence - |
| 1) GROUT TYPE / SEALING | (12) GROUT : SEALING I (fngl) | ROM TO | | | |
| <u>(EME)</u> | SOREENS | | | | |
| 3) MAKE & MATERIAL | (14) OPENINGS | | | | |
| (\$) DIAMETER | | | ln. | | |
| in, | in. | in. | | | |
| 16) LENGTH ft. | ft. | ft. | in. | | FOCIL |
| 17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASIN | IG (Faol) | | | | PU- |
| | MELIPINESI | | | | |
| 10) DATE 9/29/02 | (19) DURATION OF TES | 2 | | | |
| 20) LIFT METHOD | (21) STABILIZED DISCH | HARGE (GPM) | , | | |
| | (23) MAXIMUM ORAWD | OWN (Stabilized) | <u></u> | | |
| | (feet/inchas belaw in | op of casing) | | | |
| 22) STATIC LEVEL PRIOR TO TEST (fanl/inches balow top of ceeing) | | | | 326 | GLAM |
| (fani/inches bolow (op of caeing) | (25) Was the water produ discharged sway fro | uced during the test m Immediate area? Yes | No | V// | |
| (fant/inchee bniow top al ceeing) 24) RECOVERY (Time in houm/minutes) | discharged away fro | | | ·. · | WITH 160 |
| (fant/inchee bhlow top bil ceeing) (24) RECOVERY (Time in hours/minutes) | diacharged ewrly fro | uced during the test im Immediate area? Yes | | · · | WITH 160 |
| (fant/inchee balow top bi casing) (24) RECOVERY (Time in hours/minutes) (25) PUMP INSTALLED? YES NO | diacharged ewrly fro | | | | WITH 150 |
| (fant/inchee bhlow top bi cabing) 24) RECOVERY (Time in hours/minutes) 24) RECOVERY (Time in hours/minutes) 25) PUMP INSTALLED? 26) PUMP INSTALLED? 26) YES NO 28) TYPE | (27) DATE (30) MAKE | (20) PUMP INSTALLER (31) MODEL | | | W17H 160 |
| (fanl/inchea balow top bi cabing) (24) RECOVERY (Time in hours/minutes) (26) PUMP INSTALLED? YES NO (29) TYPE | dlacharged twyl fro UMETINSTRUTIATION (27) DATE (30) MAKE | (20) PUMP INSTALLER (31) MODEL | | | W17H 166 |
| (fant/inchee balow (op bi ceeing) 24) RECOVERY (Time in hours/minutes) 24) RECOVERY (| diacharged ewry fro UMETINS TOLETATION (27) DATE (30) MAKE (33) PUMP INSTALLATI FROM TOP OF CAS | (29) PUMP INSTALLER (31) MODEL (31) MODEL SING (Feel) | | | WITH 160 |
| (24) RECOVERY (Time in hours/minutes) | (27) DATE (27) DATE (30) MAKE (33) PUMP INSTALLATI FROM TOP OF CAS (35) USE OF WATER (See Instructions for | (29) PUMP INSTALLER (31) MODEL ION LEVEL SING (Feel) | | | WITH 16G |
| (fant/inchea balow top bi cabing) (24) RECOVERY (Time in hours/minutes) (25) PUMP INSTALLED? (29) TYPE (29) TYPE (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING | diacharged ewry fro UMETINS TOLETATION (27) DATE (30) MAKE (33) PUMP INSTALLATI FROM TOP OF CAS | (28) PUMP INSTALLER (31) MODEL (31) MODEL | npl-c | | WITH 150 |
| (fant/inchea balow top bi cabing) (24) RECOVERY (Time in hours/minutes) (26) PUMP INSTALLED? YESNO (29) TYPE (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING Reform Cabin Tool Other | (27) DATE (27) DATE (27) DATE (30) MAKE (33) PUMP INSTALLATI FROM TOP OF CA (35) USE OF WATER (See instructions for (37) DATE DRILLING W | (29) PUMP INSTALLER (31) MODEL ION LEVEL SING (Feel) | MALLA NNO. | | WITH 15G |

| * c |) | | | | |
|--|--|---|-----------------------------------|---------------------------------------|-------------------------------|
| (1) COUNT GULLIVAN (2) TOWN KORELSTANALGH | STATE DEPARTMEN | F OF ENVIRONMENTAL C | ONSERV | (3) DEC W | ell Number |
| (4) OWNER | ATER WELL C | OMPLETION REP | ORT | | |
| Poutole PLAMON | D Compan | 1165 | | ⁽⁴³⁾ L(| OG 1 |
| 15) ADDRESS 10100 N. CENTRAL EXMENS | WAY PANTE 100, | DAUAS, TX | | Depth to Bedrock | (ft. below ground surface) |
| (6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long II avsilable and method used: | | idrees above, also provide Lat / Lon | | Ground Elev. | (ft., above (+) |
| (7) DEPTH OF WELL BELOW | (B) DEPTH TO GROUND | WATER DATE ME | ABURED | or below TOP OF | (-) ground surface) |
| LAND SURFACE (feet) | BELOW LAND SURF | ACE (feel) | action of the second state of the | | |
| (9) DIAMETER <i>G</i> (1) <i>C Z</i> / <i>L L</i> / <i>F</i> /in, | in.] | in. | in. | 15' | Cant - |
| (10) LENGTH ft. (11) GROUT TYPE / SEALING | ft. (12) GROUT / SEALING | ft. | in. | 110 | Gran Mack |
| (1) GROUT THE THEALING | (fopt) | | | 116' | KERKOCK |
| (13) MAKE & MATERIAL | (14) OPENINGS | | | | |
| (15) DIAMETER In. | in, 1 | in, | in. | 246 | |
| (16) LENGTH | ft. | ft. | in, | | WITH 196PA |
| (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (FO | oei) | | | | |
| (10) DATE /0/7/08 | (19) DURATION OF TES | , Q | | 430 | LAFAN ISGI |
| | (21) STABILIZED DISCH | ARGE (GPM) | | 440 | GHAR WITH (TO GOM) |
| 22) STATIC LEVEL PRIOR TO TEST ((ant/Inchas balow lop of cabing) | (23) MAXIMUM DRAWDC (feet/inches below to | WN (Stabilizod) p of cosing) | | | |
| 24) RECOVERY (Time in hours/minules) | (25) Was the water produc discharged riway from | n immediate area? Yes X No_ | | | GARAY NOCIL |
| 20) PUMP INSTALLED? YES NO | (27) DATE | (20) PUMP INSTALLER | | | NOCIL |
| 29) TYPE | (30) MAKE | (31) MODEL | | | |
| 32) MAXIMUM CAPACITY (GPM) | (33) PUMP INSTALLATIO FROM TOP OF CASI | | | · · · · · · · · · · · · · · · · · · · | |
| 34) METHOD OF DRILLING A Rotary Cable Tool Other | (35) USE OF WATER (See instructions for d | choices) / Ala Ation i / Chief | el i c | 645 | HEAM WITH 66 GAM |
| 30) DATE DRILLING WORK STARTED | (37) DATE DRILLING WO | RK COMPLETED | | 716 | GEAN WITH EN GRAN |
| (30) DATE REPORT FILED (39) REGISTERED COMPANY | JLANTI IN IN | (40) REC REGISTRATION NO NYRD 0/10.9 | - | | In At |
| | (12) CERTIFIED DRILLER | SIGNATURE* | | | GRAY |
| By signing this document I hereby affirm that: (| (1) I am certified to super | vise water well dilling activitie | sas . | <i>911'</i> воттом с | FHOLE |

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| | | | WIRONMENTAL COMSERVA | TION | |
| | NEW YORK STA | TE DEPARTMENT OF EN | | | NT |
| COUNTY JULLIVAN | | | ⊾ Ø | (3) DEC Well | Number |
| CAR I AND | ofil | | , | 2132 | 04 |
| TOWN COLLET 19 | WAT | FER WELL COMP | LETION REPORT | | |
|) OWNER | - Ciacenalo? | Ro procesti | | ⁽⁴³⁾ LO | G |
| Vouple | VIAMONI/ | plapages | 16231 D | epth to Bedrock | |
| ADDRESS | Autori Rill | HALDSWAY MULT | 600, Pallage TX | | ground surface) |
| DOCATION OF WELL (Sen Instruct | (Che | eck here I If same as address ab | | Ground Elev. | |
| i i ita - Ilahia i | VELC D. 1 | Duble Plantor | UD PROFETY T | op of Casing <u>+</u> | (ft., above (+) •) ground surface) |
| GPS Map Interpolation | / | (1) DEPTH TO GROUNDWATER | DATE MEASURED | TOP OF | |
|) DEPTH OF WELL BELOW LAND SURFACE (fant) | 1005 | BELOW LAND SURFACE (foot | t) | | · |
| | | ASINGSMARIN | | , | boloan 5 |
| | QIAN/EN | -in. | in. In, | 12 | neder ito |
| 0) J.ENGTH | e i feff | ft. | ft. in. | | GRAY |
| ft. | | (12) GROUT / SEALING INTERVA | AL | | MACK |
| BROUT TIPE SERVING | EMENT | (foat) FRC | | 140 | 1 1 |
| 3) MAKE & MATERIAL | | CREENS | | <u> </u> | Gappi 3GP |
| 3) MAKE & MATERIAL | | | | | |
| 5) DIAMETER | 1 | in, | in. in. | | |
| 6) LENQTH | 1 | ſt. | ft. in. | | |
| ft. 7) DEPTH TO TOP OF SCREEN. | | | | | |
| | | | internationalisticality materialisticality | | GRAY |
| | KALENDARD AND AND AND AND AND AND AND AND AND AN | (19) DURATION OF TEST | | | GRAY |
| 10/30 | 0/08 | (21) STABILIZED DISCHARGE | SPM) | | Jus |
| | 🕻 Air LIR 📋 Ball | | 30 | | |
| 2) STATIC LEVEL PRIOR TO TES (fest/inches below lop of casing | ST | (23) MAXIMUM DRAWDOWN (St (feer/inchos below top of cas | nbilizod) | | |
| A) RECOVERY (Time in hours/mir | annan an anna an anna an an anna an an a | (25) Was the water produced durin discharged sway from immed | Ing the lost Ilgto prop? Yee X No | | |
| | NONE | INSTALLATION | | | |
| B) PUMP INSTALLEO? | A DATE OF A DATE | (27) DATE | (28) PUMP INSTALLER | | |
| YES_ | NO | | (31) MODEL | | |
| B) TYPE | | (30) MAKE | | المستع | |
| 2) MAXIMUM CAPACITY (GPM) | | (33) PUMP INSTALLATION LEVE FROM TOP OF CASING (For | | 750 | GEAM |
| | | | | | 10 41 |
| 4) METHOD OF DRILLING | | (35) USE OF WATER (Soo instructions for choices | IRAILATION - | | GROCK |
| Rotary Cable Tool | Olher | (37) DATE DRILLING WORK CO | MPLETED 3 | | |
| 10/17 | 108 | 19 | (40) DEC REGISTRATION NO. | 350 | DEAM |
| 38) DATE REPORT FILED (39) | REGISTERED COMPANY | | NYRD 01699 | | 15 GM |
| 11/6/08 0 | POTIZ ARALAU | white Coul | | | GRAN |
| 11) CERTIFIED DRILLER (Print na | ime) | (42) CERTIFIED DRILLER &IGN/ | ATURE * | | KOCK |
| HEVRY M. I. | BUYO | | | 1009 | Ι. |
| By claning this document | I hereby affirm that: () | 1) I am certified to supervise v | water well drilling activities as | BOTTOM | OF HOLE |

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* By signing this document I hereby affirm that: (1) I am certified to supervise water went thing bedvices as defined by Environmental Conservation Law §15-1502; (2) this water well was constructed in accordance with

| | STATE DEPARTMENT OF ENVIRONMENTAL CONS | [| |
|--|---|-------------------------------------|-----------------------------------|
| (1) COUNTY JULI VAN | | (3) DEC We | ll Number |
| (2) TOWN <u>WIELD H</u> | ATER WELL COMPLETION REPOR | т <u>90,90</u> | 81 |
| (4) OWNER | | | |
| (5) ADDRESS | O COMPANIES | ⁽⁴³⁾ LC | |
| 10100 NORTH CENTRAL EXP | 1900 14/191119 / 10111 600, InU19 TX | Depth to Bedrock | (ft. below ground surface |
| Show Lat/Long if available multil (Manent | Check here if same as address above, also provide Lat / Long belo Monteenv Wett HH | | |
| and method used: VOIDUE Provide State | WRCht | Top of Casing <u>+/</u> or below | (ft., above ((-) ground surfa |
| (7) DEPTH OF WELL BELOW LAND SURFACE (feet) 646 | (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) | D TOP OF | WELL |
| | CASINGS | ⁹ — — | GALVA B |
| (9) DIAMETER | in. in. in. | 14' | GRAVEL |
| (10) LENGTH 61 ft. | ft. ft. in. | | GRAY |
| (11) GROUT TYPET SEALING | (12) GROUT / SEALING INTERVAL (feet) FROM TO | BO | poll |
| Utility | SCREENS | <u>qp</u> ' | READER |
| (13) MAKE & MATERIAL | (14) OPENINGS | | hear you |
| (15) DIAMETER | in. in. in. in. | | |
| (16) LENGTH ft. | ft. ft. in. | | |
| (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Fe | | | |
| | YIELD TEST | | POLI |
| (18) DATE 12/1/20 | (19) DURATION OF TEST | <u>, L</u> | 1000 |
| (20) LIFT METHOD | (21) STABILIZED DISCHARGE (GPM) | | |
| (22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) | (23) MAXIMUMORAWDOWN (Stabilized) (feet/inches below top of casing) | , | |
| (24) RECOVERY (Time in hours/minutes) | (25) Was the water produced during the test | | JEAM WILLO GO |
| NONE | discharged away from immediate area? Yes X No PINSTALLATION | | -140 477 |
| (26) PUMP INSTALLED? YES NO | (27) DATE (28) PUMP INSTALLER | | |
| (29) TYPE | (30) MAKE (31) MODEL | | |
| (32) MAXIMUM CAPACITY (GPM) | (33) PUMP INSTALLATION LEVEL | I | |
| | FROM TOP OF CASING (Feet) | | ROCK |
| (34) METHOD OF DRILLING X Rotary Cable Tool Other | (35) USE OF WATER (See instructions for choices) | | / |
| (36) DATE DRILLING WORK STARTED | (37) DATE DRILLING WORK COMPLETED | | |
| (38) DATE REPORT FILED (39) REGISTERED COMPANY | (40) DÉC REGISTRATION NO. | | in and |
| 1/20/10 Morn March | NYRD (1699) | 5 220 | W126 G |
| (41) CERTIFIED DRILLER (Print name) | (42) CERTIFIED DRILLER SIGNATURE * | | |
| HENRY M. MOYA | Martin Cal | 646 | 1 pock |
| * By signing this document I hereby affirm that: defined by Environmental Conservation Law 815- | I am certified to supervise water well drilling activities as 1502; this water well was constructed in accordance with | воттом с | F HOLE |
| water well standards promulgated by the New Yo | rk State Department of Health; (3) under the penalty of pletion Report is true, accurate and complete, and I | | |
| | is punishable as a class A Misdemeanor under Penal Law 8/20 | | COPY |
| | | | |

determina de la constanción

 \bigcirc BANNER BUSINESS FORMS, INC. (518) 383-8321 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (3) DEC Well Number (1) COUNTY /// (2) TOWN WATER WELL COMPLETION REPORT (4) OWNER (43) LOG (5) ADDRES)____ (ft. below ground surface) Depth to Bedrock 40 (6) LOCATION OF WELL Show Lat/Long if availabl Ground Elev. (ft. above S.L.) and method used: Top of Casing // (ft., above (+) or below (-) ground surface) GPS Map Interpolation (7) DEPTH OF WELL BELOW LAND SURFACE (feet) DATE MEASURED TOP OF WELL DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) CASINGS (9) DIAMETER in. in. in. (10) LENGTH 61 ft. ft. | 40 in. (11) GROUT TYPE / SEALING (12) GROUT / SEALING INTERVAL (feet) FROM то SCREENS (13) MAKE & MATERIAL (14) OPENINGS (15) DIAMETER in. in. in. in. (16) LENGTH (UP) ft. ft. ft. in. NOCH (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feet) YIELD TEST (18) DATE (19) DURATION OF TEST 2 HR -AIRTOST (20) LIFT METHOD (21) STABILIZED DISCHARGE (GPM) X Air Lift 🗌 Bail (22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) (23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) NEP (24) RECOVERY (Time in hours/minute (25) Was the water produced during the test discharged away from immediate area? ROCK Yes PUMP INSTALLATION (26) PUMP INSTALLED? (27) DATE (28) PUMP INSTALLER YES NO (29) TYPE (30) MAKE (31) MODEL (32) MAXIMUM CAPACITY (GPM) (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) (35) USE OF WATER (See instructions for (34) METHOD OF DRILLING Rotary Cable Tool Other MAN (37) DATE DRILLING WORK COMPLETER (36) DATE DRILLING WORK STARTED 20 (38) DATE REPORT F ISTERED COMPANY 40) DEC REGISTRATION NO (39) RF 4/00 NYRD Ollago J (41) CERTIFIED DRILLER (Prin (42) CERTIFIED DRILLER SIGNATURE 1006 * By signing this document I hereby affirm that: (1) I am certified to supervise water well drilling activities as defined by Environmental Conservation Law §15-1502; (2) this water well was constructed in accordance with water well standards promulgated by the New York State Department of Health; (3) under the penalty of perjury the information provided in this Well Completion Report is true, accurate and complete, and I understand that any false statement made herein is punishable as a class A Misdemeanor under Penal Law BOTTOM OF HOLE NYSDEC COPY §210.45. 8/2007 LOCATION SKETCH - Indicate north

BANNER BUSINESS FORMS, INC. (518) 383 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (1) COUNTY <u>GUILIVAN</u> (3) DEC Well Number , 3469 VORCHTHURGH (2) TOWN WATER WELL COMPLETION REPORT (4) OWNER (43) LOG Vou PANNO (5) ADDRESS Depth to Bedrock (ft. below ground surface) WITH GOO. PALAS. 16231 10100 (6) LOCATION OF WELL (See In Show Lat/Long if available Ground Elev. (ft. above S.L.) REPENTI WELL and method used Top of Casing +1 _ (ft., above (+) or below (-) ground surface) GPS Map Interpolation (7) DEPTH OF WELL BELOW LAND SURFACE (feet) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) DATE MEASURED TOP OF WELL CASINGS 4AND Th (9) DIAMETER in. in. in. 16 (10) LENGTH 61 ft. ft. ft. in. (11) GROUT TYPE / SEALING (12) GROUT / SEALING INTERVAL (feet) FROM то SCREENS (13) MAKE & MATERIAL (14) OPENINGS 76 (15) DIAMETER in. in. in. in. (16) LENGTH ft. ft ft. in (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feet) YIELD TEST ZHE (18) DATE (19) DURATION OF TEST AIR TEST (21) STABILIZED DISCHARGE (GPM) (20) LIFT METHOD Air Lift Bail 460 (22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) (23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) (24) RECOVERY (Time in hours/minutes (25) Was the water produced during the test discharged away from immediate area? $_{\rm Yes} imes$ No PUMP INSTALLATION (26) PUMP INSTALLED? (28) PUMP INSTALLER (27) DATE YES NO ROUL (29) TYPE (30) MAKE (31) MODEL (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING (35) USE OF WATER (See instructions for choices) Rotary Cable Tool Other RIGATION 100 (37) DATE DRILLING WORK COMPL (36) DATE DRILLING WORK STA TED 10 L (39) REGISTERED COMPANY REGISTRATION NO. (38) DATE REPORT FILED NYRD 01699 H VAID ANTHAIAN WELL <u>C0</u> Ľ (41) CERTIFIED DRILLER (Print name) (42) CERTIFIED DRILLER SIGNATURE NR * By signing this document I hereby affirm that: (1) I am certified to supervise water well drilling activities as defined by Environmental Conservation Law §15-1502; (2) this water well was constructed in accordance with water well standards promulgated by the New York State Department of Health; (3) under the penalty of BOTTOM OF HOLE perjury the information provided in this Well Completion Report is true, accurate and complete, and I NYSDEC COPY understand that any false statement made herein is punishable as a class A Misdemeanor under Penal Law §210.45. 8/2007 LOCATION SKETCH - Indicate north

 \square BANNER BUSINESS FORMS, INC. (518) 383-8321 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (3) DEC Well Number (1) COUNTY MULLIVAN Concept Munh H (2) TOWN WATER WELL COMPLETION REPORT (4) OWNER (43) LOG (5) ADDRES 231 (ft. below Depth to Bedrock 10100 ground surface) (6) LOCATION OF WELL (See inst at / Long below) (ft. above S.L.) s address above, also provide Lat. Ground Elev. Show Lat/Long if available and method used: Top of Casing 🖌 (ft., above (+) or below (-) ground surface) GPS Map Interpolation (7) DEPTH OF WELL BELOW LAND SURFACE (feet) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) DATE MEASURED TOP OF WELL CASINGS ANAVEL (9) DIAMETER iń. in. in. WIDER (10) LENGTH 40 61 ft. ft. ft. in. (12) GROUT / SEALING INTERVAL (11) GROUT TYPE / SEALING то SCREENS (13) MAKE & MATERIAL (14) OPENINGS (15) DIAMETER in. in. in. in. (16) LENGTH ft. ft. | ft. in. (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feet) ROCK YIELD TEST AIR (18) DATE (19) DURATION OF TEST He TEST (20) LIFT METHOD (21) STABILIZED DISCHARGE (GPM) Air Lift 🗌 Bail (22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) (23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) (24) RECOVERY (Time in hours/minutes) (25) Was the water produced during the test discharged away from immediate area? Yes 🔀 No PUMP INSTALLATION (26) PUMP INSTALLED? (27) DATE (28) PUMP INSTALLER YES NO (29) TYPE (30) MAKE (31) MODEL (32) MAXIMUM CAPACITY (GPM) (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) (35) USE OF WATER (See instructions for cho (34) METHOD OF DRULING Other Rotary Cable Tool 692 ROCK (36) DATE DRILLING WORK STARTED (37) DATE DRILLING WORK CON 10 10 (39) REGISTERED COMPANY (38) DATE REPORT FILED EGISTRATION NO NYRD 01699 Į WE (41) CERTIFIED DRILLER (P (42) CERTIFIED DRILLER SIGNATURE 16 BOTTOM OF HOLE * By signing this document I hereby affirm that: (1) I am certified to supervise water well drilling activities as defined by Environmental Conservation Law §15-1502; (2) this water well was constructed in accordance with water well standards promulgated by the New York State Department of Health; (3) under the penalty of perjury the information provided in this Well Completion Report is true, accurate and complete, and I NYSDEC COPY understand that any false statement made herein is punishable as a class A Misdemeanor under Penal Law §210.45. 8/2007 LOCATION SKETCH - Indicate north

| IDUCATION OF INCIDENT Control of the Control of th | | STATE DEPARTMENT | OF ENVIRONMENTAL CONS | ERVATION | |
|---|--|---|--|---|--------------------------------|
| (40) OWARD (41) CONTRACT (41) OWARDERS (43) LOG (41) OWARDERS (41) LOG (41) OWARDERS (41) LOG (41) OWARDERS (41) LOG (42) OWARDERS (41) LOG (41) OWARDERS (41) LOG (42) OWARDERS (41) LOG (42) OWARDERS (41) LOG (43) LOG (41) LOG (44) OWARDERS (41) LOG (45) LOG (41) LOG (45) LOG (41) LOG (46) OWARDERS (41) LOG (41) OWARDERS (41) LOG (42) OWARDERS (41) LOG (41) OWARDERS (41) LOG (42) OWARDERS (41) LOG (43) LOG (41) LOG (44) OWARDERS (41) LOG (45) LENGTH (11) LOG (46) CONTINUE (11) LOG (46) CONTINUE (11) LOG (46) CONTINUE (11) LOG (46) CONTINUE <t< th=""><th>2) TOWN KOKEST BUKE</th><th></th><th></th><th>4V.34</th><th>ell Number</th></t<> | 2) TOWN KOKEST BUKE | | | 4V.34 | ell Number |
| Image: Classing C | | ATER WELL CC | MPLETION REPOR | | |
| Database Capital Capital Capital CA Capital Capital And Built Loca, Partian Depth to Bedrock(if, below Gigonal State and State a | POURLE DIAMONI | > COMP | | ⁽⁴³⁾ L | OG |
| 000000000000000000000000000000000000 | (5) ADDRESS | | TX 15231 | Depth to Bedrock | |
| Ball Industry Order Constraints Constraints Constraints (1) DEPTH OF WELL BELOW (2) OF Casing 2 (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2 | Show Lat/Long if available mucht FUMILIN | | | | (ft. above S. |
| (7) OPTION WELL BELOW (8) DEPTI TO RODUNDATER DATE MEASURED (7) DATE SUFACE (Here) (7) OPTI TO RODUNDATER DATE MEASURED (8) DAMETER (10) LAND SUFACE (Here) DATE MEASURED (9) DAMETER (11) (III) (III) (11) (III) (11) (III) (11) ORGUT TYPE / SEALING (12) (GROUT / SEALING METERVAL (13) ORGUT TYPE / SEALING (14) (III) (III) (11) ORGUT TYPE / SEALING (14) (III) (III) (11) (III) (III) (11) (III) (III) (12) ORGUT TYPE / SEALING (14) (III) (III) (III) (11) (III) (III) (11) (III) (III) (13) DAMETER (11) (III) (III) (III) (11) (III) (III) (III) (III) (III) (11) (III) (III) (III) (IIII) (11) (III) (III) (III) (IIII) (13) DAMETER (11) (IIII) (III) (III) (IIII) (IIIII) (IIII) (IIII) (IIIII) (IIII) (IIIII) (IIII) (IIII) (IIIII) (IIIII) (IIIII) (IIIII) (IIIII) (IIIII) (IIIII) (IIIII) (IIIIII) (IIIIII) (IIIIII) (IIIIIIII | 1.1/10 | Wur lal | | | |
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| Control Control <t< td=""><td></td><td>CASINGS</td><td></td><td>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</td><td>GAND</td></t<> | | CASINGS | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | GAND |
| Carl ft. ft. ft. ft. in. (11) GROUT TYPE / SEALING (12) GROUT / SEALING / FROM | 6 in. @ 19#/KT | - in. | in. in. | / | GRAVEL |
| (13) MAKE & MATERIAL (14) OPENINGS 153 (15) DIAMETER in. in. in. in. (16) LENGTH ft. ft. in. in. (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feel) 153 155 (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feel) (19) DURATION OF TEST 156 (13) DATE (19) DURATION OF TEST (19) DURATION OF TEST (19) DURATION OF TEST (20) LIFT METHOD Punp Ar Lit Bait (21) STABILZED DISCHARGE (GPM) 4 (22) STATIC LEVEL PRIOR TO TEST (23) MAXIMUM DRAWDOWN (Stabilzed) (10) Editionaria boow top of casing) (24) MECOVERY (Time in hours:minulee) (27) DATE (28) PUMP INSTALLETION (20) PUMP INSTALLED? (27) DATE (29) PUMP INSTALLER (31) MODEL (23) FOOM FOR OF CASING (Feel) (20) TYPE (30) MAKE (31) MODEL (31) MODEL (32) TYPE (30) MAKE (Gee) (31) MODEL (32) TYPE (20) DATE REPORT FILED (39) DATE DRILLING WORK STAPFED (37) DATE DRILLING WORK STAPFED (39) ALL CO JUMP NYRD OLIGPYS< | (10) LENGTH | ft. | ft. in. | | |
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| (17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feet) YIELD TEST (19) DURATION OF TEST (20) LIFT METHOD Pump Air Lift Bail (21) STABILIZED DISCHARGE (GPM) 4 (22) STATIC LEVEL PRIOR TO TEST (22) STATIC LEVEL PRIOR TO TEST (23) MAXIMUM DRAWDOWN (Stabilized) 4 (22) STATIC LEVEL PRIOR TO TEST (23) MAXIMUM DRAWDOWN (Stabilized) 4 (24) RECOVERY (Time in hours/minutes) (25) Was the water produced during the test discharged arway from immediate area? Yes X No (24) PUMP INSTALLED? (27) DATE (28) PUMP INSTALLER (29) TYPE (30) MAKE (29) TYPE (30) MAKE (29) TYPE (30) MAKE (31) MODEL (29) TYPE (30) MAKE (31) MODEL (35) USE OF WATER (36) DATE DRILLING OF DRILLING (37) DATE DRILLING WORK COMPLETED (38) DATE REPORT FILED (39) REGISTERE | | III. [| nı. | | per lol |
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| Indext of the principle of the | (26) PUMP INSTALLED? YES NO (29) TYPE | (27) DATE (30) MAKE (33) PUMP INSTALLATION | (31) MODEL | | NEP ADC |
| 3/33/10 BOYD ANTEGIAW WELL CO, INC. NYRD 01699 (41) CERTIFIED DRILLER (Print name) WENNY M. BOYD 1205 | (26) PUMP INSTALLED? YES NO (29) TYPE (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING | (27) DATE (30) MAKE (33) PUMP INSTALLATION FROM TOP OF CASIN (35) USE OF WATER | (31) MODEL ILEVEL G (Feet) | | NE Pac |
| 3/33/10 BOYD ANTEGIAW WELL CO, INC. NYRD 01699 (41) CERTIFIED DRILLER (Print name) WENNY M. BOYD 1205 | YES NO (26) PUMP INSTALLED? YES YES NO (29) TYPE (32) MAXIMUM CAPACITY (GPM) (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING Trotary Cable Tool Other | (27) DATE (30) MAKE (33) PUMP INSTALLATION FROM TOP OF CASIN (35) USE OF WATER (See instructions for c | (31) MODEL (31) MODEL G (Feet) | | NE Pax |
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| HENRY M. BOTD 1205 | YES NO (26) PUMP INSTALLED? YES NO (29) TYPE (32) MAXIMUM CAPACITY (GPM) (32) MAXIMUM CAPACITY (GPM) (34) METHOD OF DRILLING (34) METHOD OF DRILLING Other (35) DATE DRILLING WORK STAPTED Other | (27) DATE (30) MAKE (33) PUMP INSTALLATION FROM TOP OF CASIN (35) USE OF WATER (See instructions for c (37) DATE DRILLING WOR 3 3 | (31) MODEL (31) MODEL I LEVEL G (Feet) NOICES) INDUCATION K COMPLETED (40) DEC REGISTRATION NO. | | REPADO GRAY ROCK |
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| * By signing this document I hereby affirm that: (1) I am certified to supervise water well drilling activities as | PUN (26) PUMP INSTALLED? YES NO (29) TYPE | (27) DATE (30) MAKE (33) PUMP INSTALLATION FROM TOP OF CASIN (35) USE OF WATER (See instructions for c (37) DATE DRILLING WOF (37) DATE DRILLING WOF (37) DATE DRILLING WOF (37) DATE DRILLING WOF | (31) MODEL (31) M | | REPACC GRAY ROCK Ware |

| | ATE DEPARTMENT OF | | ENTAL CONSER | | |
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| COUNTY GULLIVAN | | | | (3) DEC W | Vell Number |
| TOWN KARENT GURGH | | | | GV3 | 474 |
| 4) OWNER | | | | | |
| Pouble PLAMOND | Comp. | | | ⁽⁴³⁾ L | .OG |
| 5) ADDRESS 10100 NONTH <u>CENTRALE</u> | <u>XIILEIMWAY , ()</u> | TALLAS, | 16231 TX | Depth to Bedrock | (ft. below ground surface |
| Show Lat/Long if available (, 151/ N/ Marine | heck here if same as address | above, also prov | vide Lat / Long below) | Ground Elev. | 1 |
| □ GPS □ Map Interpolation | otburght | Jug Cr-1 | | Top of Casing <u>+</u> or below | / (ft., above (· w (-) ground surfac |
| 7) DEPTH OF WELL BELOW LAND SURFACE (feet) | (8) DEPTH TO GROUNDWATE BELOW LAND SURFACE (f | R eet) | DATE MEASURED | TOP O | F WELL |
| 1000 | CASINGS | | Providence of the second second | | |
| 9) DIAMETER 7' in. | in. | in. | in. | 21 | GRAVE |
| 10) LENGTH | ft. | ft. | in. | | GRAT |
| 11) GROUT TYPE / SEALING | (12) GROUT / SEALING INTER (feet) F | VAL ROM | то | | poor |
| Certery | SCREENS | | | 85 | GEAN WITTE |
| 13) MAKE & MATERIAL | (14) OPENINGS | | | | |
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| • | | | | | |
| Y | IELD TEST | All successions of the second | | | |
| 18) DATE 3/ 2/10 | IELD TEST (19) DURATION OF TEST | | | | |
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| COUNTY MAILINAN | ATE DEPARTMENT | OF ENVIRONMENTAL CO | | DEC Well Number |
|--|---|--|---------------|---|
| TOWN Conformation | | | RT 90 | 13472 |
| DOWNER DOUBLE VIMON | D Comp | 2 | | ⁽⁴³⁾ LOG |
|) ADDRESS 10100 NORTH CENTRAL EX | (Albabilar) | Tariah 1 x 150 | Depth to Bed | rock (ft. below ground surface) |
| DICATION OF WELL (See Instructions On Reverse) (Constructions of Reverse) (| heck here if same as add | ress above, also provide Lat / Long | Top of Casing | (ft. above S.L.) |
| GPS Map Interpolation) DEPTH OF WELL BELOW LIND G' LAND SURFACE (feet) LING' | (8) DEPTH TO GROUNDW BELOW LAND SURFA | ATER DATE MEAS CE (feet) | | or below (-) ground surface OP OF WELL |
| 1105 | CASINGS | | | 1 mitte |
| 0) LENGTH | 7 in. | in. | in | F GREE (W |
| 1) GROUT TYPE / SEALING | ft. (12) GROUT / SEALING IN | | in. | GRAT |
| (EMENT | (feet) SCREENS | FROM TO | | 5 |
| 3) MAKE & MATERIAL | (14) OPENINGS | | | 30 Kep par |
| in. | in. | in. | in. | |
| ft. | ft. | ft. | in. | |
| 17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Fee | | | | |
| 18) DATE 3/18/117 | (19) DURATION OF TEST | | | |
| 20) LIFT METHOD Pump Air Lift Bail | (21) STABILIZED DISCHA | RGE (GPM) | | GNAT NOCK |
| 22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) | (23) MAXIMUM DRAWDO (feet/inches below top | | | pock |
| | (25) Was the water produc | ed during the test immediate area? Yes X No_ | | |
| 24) RECOVERY (Time in hours/minutes) | | | | |
| 26) PUMP INSTALLED? | INSTALLATION (27) DATE | (28) PUMP INSTALLER | | |
| NONE | INSTALLATION | | | |
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| NOME PUMP 26) PUMP INSTALLED? YES NO 29) TYPE 32) MAXIMUM CAPACITY (GPM) 34) METHOD OF DRILLING Rotary Cable Tool Other | INSTALLATION (27) DATE (30) MAKE (33) PUMP INSTALLATIO FROM TOP OF CASI (35) USE OF WATER (See instructions for the second | (28) PUMP INSTALLER (31) MODEL (31) MODEL NG (Feet) Choices) Choices) Choices (40) DEC REGISTRATION NO | | 30 Gran W I G/M |
| NO PUMP 26) PUMP INSTALLED? YES NO 29) TYPE | (27) DATE (27) DATE (30) MAKE (33) PUMP INSTALLATIO FROM TOP OF CASI (35) USE OF WATER (See instructions for (37) DATE DRILLING WO | (28) PUMP INSTALLER (31) MODEL (31) MODE | | 30 Gonsun I GAM GMAT |
| PUMP 26) PUMP INSTALLED? 26) PUMP INSTALLED? 29) TYPE 32) MAXIMUM CAPACITY (GPM) 34) METHOD OF DRILLING Rotary Cable Tool Other 36) DATE DRILLING WORK STARFED | INSTALLATION (27) DATE (30) MAKE (33) PUMP INSTALLATIO FROM TOP OF CASI (35) USE OF WATER (See instructions for the second | (28) PUMP INSTALLER (31) MODEL (31) MODE | | 30 Com W I GPM GMAT NOCK |

| | BANNER BUSINES | SS FORMS, INC. (518) 383-8321 | 0 | 0 0 | |
|--|--|----------------------------------|--|---------------------------------------|---|
| NEW YORK | STATE DEPARTMEN | T OF ENVIRONMENTA | L CONSER | VATION | |
| (1) COUNT GULLING | ATER WITL COMP lifes by NY SDEC (found YE 2619 to obtain the v | 0 | NE FOR N Have well hu I the cell NYS | (3) DEC V | Well Number 3473 |
| (4) OWNER | ATER WELL C | OMPLETION RE | EPORT | | Address - Neon |
| (5) ADDRESS | OND COMP | ANY TO | 021 | CIEBAN CAUCHAR AND | OG |
| 10100 N. CENTRAL EXPE | HEWRY JUITE 6 | 00, PALLAN, TX | 231 | Depth to Bedrock | ground surface |
| (6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: GPS Map Interpolation | | address above, also provide Lat, | / Long below) | Ground Elev. | (ft. above S.L (ft., above (w (-) ground surfa |
| (7) DEPTH OF WELL BELOW LAND SURFACE (feet) 955 | (8) DEPTH TO GROUND BELOW LAND SUR | | EMEASURED | | F WELL |
| | CASINGS | | | n di tedmonian a | hast? |
| (9) DIAMETER | B in. | ellonen in. b memosce | d ete in. do | 19 | The Coll |
| (10) LENGTH 5/ ft. | 19 ft. | noden natie jamos pol en ft. | t of vegoolo in. | and attach the pl | P I |
| (11) GROUT TYPE / SEALING | (12) GROUT / SEALING (feet) | INTERVAL FROM TO | maps are in increasions | BOB or NYSDOT | |
| (13) MAKE & MATERIAL | SCREENS (14) OPENINGS | o noiteath chon ad ab. | | e separate aheet lieve to the well | |
| (15) DIAMETER | WINC DARKWOLDUNG IN SU | | en consta tra | andwater - Meas | GRAY |
| in. | in. | in. | in. | te "Stick-up" in the | april |
| ft. | ft. Feet) | ft. | in. | o Of Screen, Froi | 1-00 |
| notoer "pap" section | YIELD TEST | d. Please be certain that | ellaion se | n utiple screens y | (Im) |
| (18) DATE 4/10/10 | (19) DURATION OF TES | BT | horactva k | wild text in stability | 1 |
| (20) LIFT METHOD | (21) STABILIZED DISCH | and the first of a secolar | test to noti | ilib biccold - ia | 10 000 |
| (22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) | (23) MAXIMUM DRAWD (feet/inches below to | | hi si xou a | Sheek appropria | toma anot |
| 24) RECOVERY (Time in hours/minutes) | (25) Was the water produ discharged away from | uced during the test | | s harge - Record | |
| PUM | IP INSTALLATION | m immediate area? Yes X | No | R for To Tast ~ R | |
| 26) PUMP INSTALLED? YES NO | (27) DATE | (28) PUMP INSTALLER | oosa – (be | (app) | Color M |
| 29) TYPE | (30) MAKE | (31) MODEL | | <u>uu</u> | 19 GPN |
| 32) MAXIMUM CAPACITY (GPM) | (33) PUMP INSTALLATIO FROM TOP OF CAS | | 189) – Keo 5. | in in hours/mini regime and minute | 21-1-1 |
| 34) METHOD OF DRILLING | (35) USE OF WATER | | 1 | 150 | |
| Rotary Cable Tool Other 36) DATE DRILLING WORK STARTED | (37) DATE DRILLING WC | 1111111110 | 1/16/ | - 19 | PERANK |
| 38) DATE REPORT FILED (39) REGISTERED COMPANY | | (40) DEC REGISTRATION | N NO. | 795 | 11.00 |
| 4/20/10 BOID MARKIN | WWAL IN | NYRD OIL | 96 | villing Check bo | GRAY |
| 41) CERTIFIED DRILLER (Print name) HENRY M. 10010 | (42) CERTIFIED DRILLER | R SIGNATURE * | :Dupereurd: | | Macil |
| * By signing this document I hereby affirm that: defined by Environmental Conservation Law §15 water well standards promulgated by the New Y | -1502; (2) this water well | was constructed in accorda | ance with | 999 BOTTOM | OF HOLE |
| perjury the information provided in this Well Con understand that any false statement made herei \$210.45. | npletion Report is true, ac | curate and complete, and I | ke ord to or | NYSDEC | COPY |

Attachment B

Off-Site Monitoring Request Letter and Questionnaire

TIM MILLER ASSOCIATES, INC.

10 North Street, Cold Spring, NY 10516 (845) 265-4400 265-4418 fax www.timmillerassociates.com

October 16, 2009

Property Owner Town of Forestburgh, New York

RE: Off-Site Monitoring during the Pump Test for Proposed Lost Lake Resort Property

Dear Property Owner:

The applicant for the proposed Lost Lake Resort Property development on St. Joseph's Road has engaged our firm to evaluate the groundwater supply for the project and to evaluate any potential off-site well impacts. The results of this study will be included as part of an environmental impact study for the project. We seek your cooperation in enabling us to conduct the ground water testing program.

As an initial step in this process, we are sending questionnaires to property owners in the immediate vicinity of the project to collect basic information on existing wells, including water quantity and quality. We encourage you to fill out as much information as possible on the accompanying form and return it to us in the enclosed pre-stamped envelope. We request that it be returned to us by **October 28, 2009**.

Water for Lost Lake Resort will be supplied from groundwater wells on the project site. The second part of the groundwater program involves conducting a pump test of the wells on the Lost Lake property while simultaneously monitoring water levels in a select number of private wells in the project vicinity. To that end, we request that you indicate on the attached letter whether you would allow your well to be monitored while we pump the project wells. Consent does not mean that your well will be monitored; but we need to secure your consent to monitor your well.

If your well is selected to be monitored, the process will not exceed a period of two weeks. The monitoring procedure will require the insertion of an electronic water level monitoring probe that is disinfected prior to entry into your well to measure the water level in your well throughout the test. A professional, experienced in this work, will visit the well to install and then periodically monitor the probe, typically each day during the testing period. Collection of the water level information typically takes about 15 minutes per visit. We will endeavor not to disturb you during the monitoring visits, which will take place outside of your house. After the conclusion of the testing, the technician will remove the probe and properly close your well.

Well monitoring should have no detrimental effects - it assesses water levels in your well before, during and after the on-site wells are pump tested. Although no effects are anticipated, the Tim Miller Associates, Inc (TMA) will be responsible for any physical damage to your well as a result of the monitoring program, but will not be responsible for any pre-existing conditions. Occasionally, especially in older wells or wells with high iron and/or

Lost Lake Resort, Well Monitoring October 16, 2009

manganese, insertion of a test probe will cause the well water to become temporarily cloudy. This is due to the agitation of fine particles that have settled in the well over time. This condition typically clears within 24 hours and is not a health concern.

The monitoring data from your well will be made available to you, at no charge, and may prove useful to you in ascertaining existing conditions of your well.

By checking the first line below and signing this letter, you hereby agree to permit our technician to enter your property, with prior notice, for the purpose of monitoring your well. If you do not want your well monitored, please check the second line.

Please complete the form and mail this page, along with the completed questionnaire in the enclosed envelope for our receipt by <u>October 28, 2009</u>. You may also fax the information to (845) 265-4418 or email it to me at <u>mfisher@timmillerassocaties.com</u>. If you have any questions about this process please feel free to call me at (845) 265-4400. Thank you for your cooperation in this matter.

Sincerely,

ORIGINAL SIGNED

Maureen S. Fisher Environmental Scientist TIM MILLER ASSOCIATES, INC.

Please check one:

| I agree to permit my well to be monitored as described above. | | | | | | | | |
|---|--------------------------|-----|--|--|--|--|--|--|
| I do not agree to allow | my well to be monitored. | | | | | | | |
| Signature | | | | | | | | |
| Print Name | Date | | | | | | | |
| Street Address | | Zip | | | | | | |
| Eve. Telephone | Day Telephone | | | | | | | |
| Email | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Please send information to:

Tim Miller Associates, Inc. 10 North Street Cold Spring, New York 10516 Phone (845) 265-4400 Fax (845) 265-4418 Email: <u>mfisher@timmillerassociates.com</u>

Lost Lake Resort Property

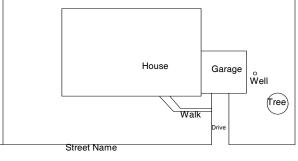
Homeowner Well Monitoring Questionnaire

This questionnaire is being sent to homeowners within the vicinity of the proposed expansion of the Lost Lake Resort Property on St. Joseph's Road in the Town of Forestburgh, New York, in conjunction with a well monitoring program for the Project.

Please answer the questions below, if you can. If you do not have the necessary information or are unsure how to answer a question, please indicate so.

<u>Please provide a sketch of your property, including well and septic location, as in the example. Use the back of this page for your sketch.</u>

| Name _ | |
|--------|--|
|--------|--|



Address ______

Telephone Number (indicate whether day or evening number) _____

What year was your well installed?

What is the total depth of your well?

What is the approximate depth to the water table, if known?

Does your well tap the bedrock or sand and gravel aquifer?

How much casing was used during the installation of your well?

Is the top of your well above ground, in a well pit, buried, or other?

What is the approximate depth to water-bearing fractures, if known?

Does your well have a submersible pump, a jet pump or a centrifugal pump?

What is the approximate yield of your well?

How far is your well from your or your neighbor's septic leaching field?

Does your well ever run dry?

During high usage times

During dry weather periods

Because of mechanical/electrical problems

Does your well have water quality problems?

Bacterial Sulfur

Iron

Hardness

Cloudiness

Taste

Chemical

Additional Comments:

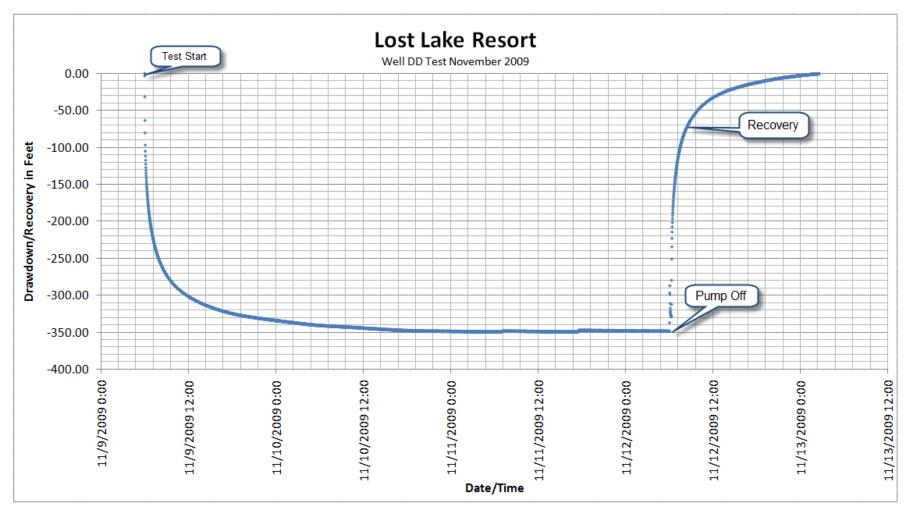
Property Owners w/Wells within 1,500 feet of the Test Wells

| Map # | Recipient Mailing Address | Physical Address | Response | Comments |
|--------|--|--|----------|----------|
| | 81-1.2 & 81-1.15 | Same | | |
| | Gilman Depot, LLC & Gilman Mercantile LLC | | | |
| 1 | Stuar Salenger | | | |
| | 1291 Cold Spring Road | | | |
| | Forestburgh, New York 12777 | | | |
| | 41-6 | County Road 101 or Cold Spring Road | | |
| | Jill A. Farrow | Forestburgh, New York | | |
| 2 | 36 Benton Avenue | | | |
| | Monticello, New York 12701 | | | |
| | | | | |
| | 81-1.3 | County Road 101 or Cold Spring Road | | |
| 3 | Ann Torres 495 Long Ridge Road | Forestburgh, New York | | |
| 3 | Bedford, New York 10506 | | | |
| | Bediora, New York 10506 | | | |
| | 81-1.4 | County Road 101 or Cold Spring Road | | |
| | William and O'Kellon McCreray | Forestburgh, New York | | |
| 4 | 120-35 219th Street | | | |
| | Cambria Heights, New York 11411 | | | |
| | | | | |
| | 81-1.5 | County Road 101 or Cold Spring Road | | |
| | William McCreray | Forestburgh, New York | | |
| 5 | 120-35 219th Street | | | |
| | Cambria Heights, New York 11411 | | | |
| | | | | |
| | 81-1.6 | County Road 101 or Cold Spring Road | | |
| | Dominick and Carmel Dicapua | Forestburgh, New York | | |
| 6 | 58 E. Dover Street | House on Property | | |
| | Valley Stream, New York 11580 | | | |
| | 81-1.7 | County Road 101 or Cold Spring Road | | |
| | Earl J. Speirs | Forestburgh, New York | | |
| 7 | P.O. Box 211 | House on Property | | |
| - | Hallandale, Florida 33008 | | | |
| | | | | |
| | 81-1.8 | Same - House on Property | | |
| | Richard and Kathleen Feller | | | |
| 8 | 1506 Cold Spring Road | | | |
| | Forestburgh, New York 12777 | | | |
| | | 4540 Cold Spring Dood | | |
| | 81-1.9 Michael Stawarz and Laura Heinsohn | 1516 Cold Spring Road Forestburgh, New York | — I | |
| 9 | P.O. Box 148 | House on Property | — I | |
| 3 | Forestburgh, New York 12777 | | — | |
| | | | | |
| - | 81-1.10 | County Road 101 or Cold Spring Road | | |
| | Edward and Helen M. Pajak, Jr. | Forestburgh, New York | | |
| 10 | 1532 Cold Spring Road | House on Property | | |
| | Forestburgh, New York 12777 | | | |
| | | | | |
| | | \frown | | () |
| Symbol | | Van Daamanaa Baalid & Calastad (| | () |
| KEY: | | Yes Response Rec'd & Selected for Monitoring | | |
| | | | | |
| [| | \sim | | |

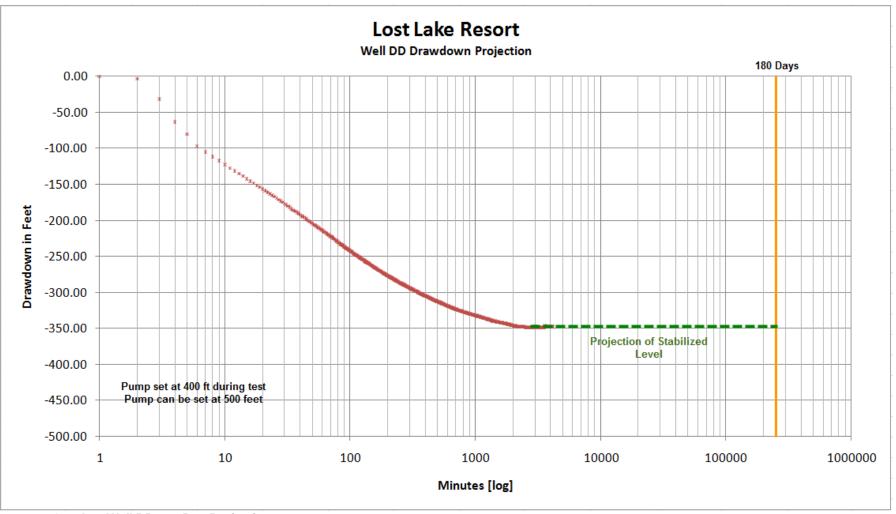
| Map # | Recipient Mailing Address | Physical Address | Response | Comments |
|----------------|---|---|------------------------|---|
| | 81-1.2 & 81-1.15 | Same | | |
| | Gilman Depot, LLC & Gilman Mercantile LLC | 845-794-7878 | | Left message 10/28/09. He called back on |
| 1 | Stuart Salenger | | No | 10/29/09. Wanted John Grohol to call him |
| | 1291 Cold Spring Road | | | directly to discuss options. |
| | Forestburgh, New York 12777 | | | |
| | 41-6 | County Road 101 or Cold Spring Road | | |
| | Jill A. Farrow | Forestburgh, New York | | |
| 2 | 36 Benton Avenue | 845-794-0607 | NO | No house on lot. |
| | Monticello, New York 12701 | | | |
| | 81-1.3 | County Road 101 or Cold Spring Road | | |
| | Ann Torres | Forestburgh, New York | | |
| 3 | 495 Long Ridge Road | | | |
| | Bedford, New York 10506 | | | |
| | | | | |
| | 81-1.4 | County Road 101 or Cold Spring Road | | |
| | William and O'Kellon McCreray | Forestburgh, New York | | |
| 4 | 120-35 219th Street | | | |
| | Cambria Heights, New York 11411 | | | |
| | 81-1.5 | County Road 101 or Cold Spring Road | | |
| | William McCreray | Forestburgh, New York | | |
| 5 | 120-35 219th Street | i orocitarigiti, itori i orit | | |
| | Cambria Heights, New York 11411 | | | |
| | | | | |
| | 81-1.6 | County Road 101 or Cold Spring Road | | |
| | Dominick and Carmel Dicapua | Forestburgh, New York | | |
| 6 | 58 E. Dover Street | House on Property | | |
| | Valley Stream, New York 11580 | | | |
| | 81-1.7 | County Road 101 or Cold Spring Road | | |
| | Earl J. Speirs | Forestburgh, New York | | |
| | P.O. Box 211 | House on Property | | No asnwer, 10/28/09. |
| | Hallandale, Florida 33008 | 954-458-4797 | | |
| | | | | |
| | 81-1.8 | Same - House on Property | | |
| | Richard and Kathleen Feller | 845-794-3840 | | Kept ringing 10/28/09. Left message on |
| 8 | 1506 Cold Spring Road | | | 10/29/09. Dropped off letter in person on |
| | Forestburgh, New York 12777 | | | 10/29/09. |
| | 81-1.9 | 1516 Cold Spring Road | | |
| | Michael Stawarz and Laura Heinsohn | Forestburgh, New York | | Left message 10/28/09. Dropped off letter |
| 9 | P.O. Box 148 | House on Property | NO | in person on 10/29/09. Received |
| Ŭ | Forestburgh, New York 12777 | 845-794-2724 | | response back on 10/30/09. |
| | | | | |
| | 81-1.10 | County Road 101 or Cold Spring Road | | |
| 10 | Edward and Helen M. Pajak, Jr. | Forestburgh, New York House on Property | | Left message 10/28/09. Dropped off letter |
| 10 | 1532 Cold Spring Road | | in person on 10/29/09. | |
| | Forestburgh, New York 12777 | 845-791-9565 | | |
| Symbol KEY: | · | Yes Response Rec'd & Selected for Monitorin | ng | \bigcirc |

Attachment C

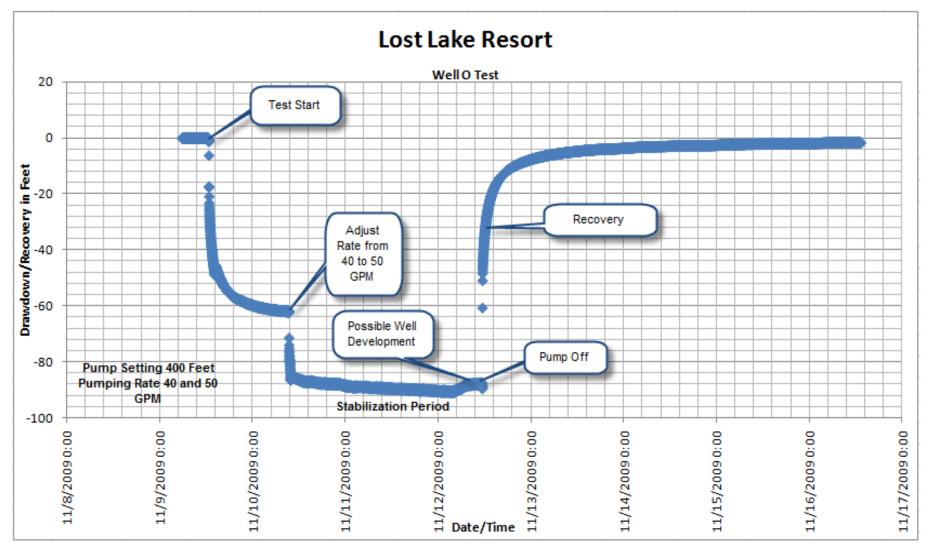
Pumping Test Data Graphs



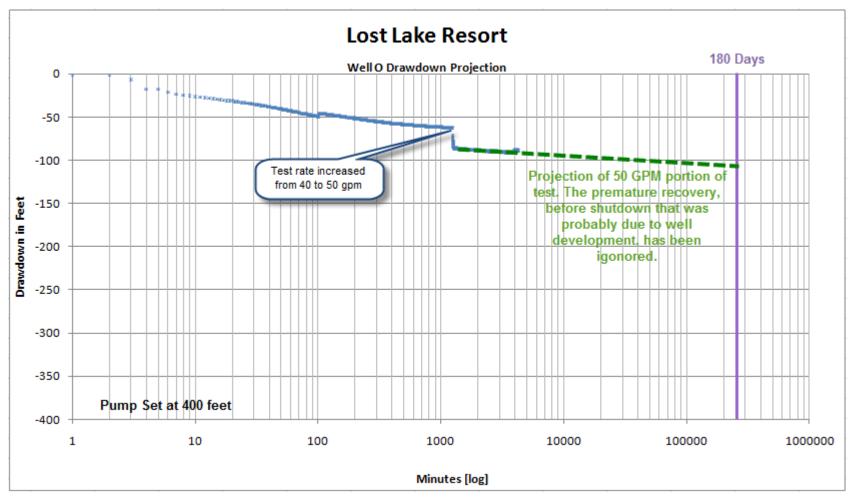
Graph 1, Well DD Test



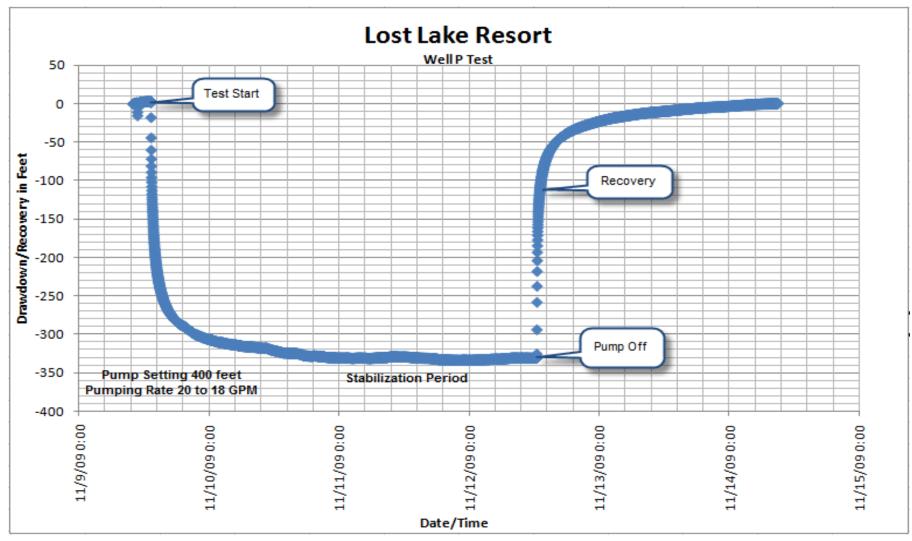
Graph 2, Well DD 180 Day Projection



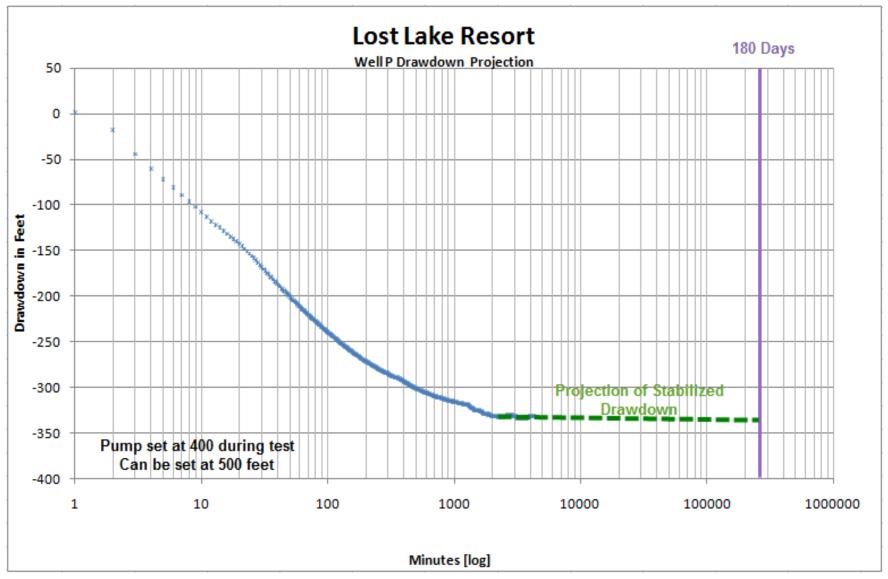
Graph 3, Well O Test



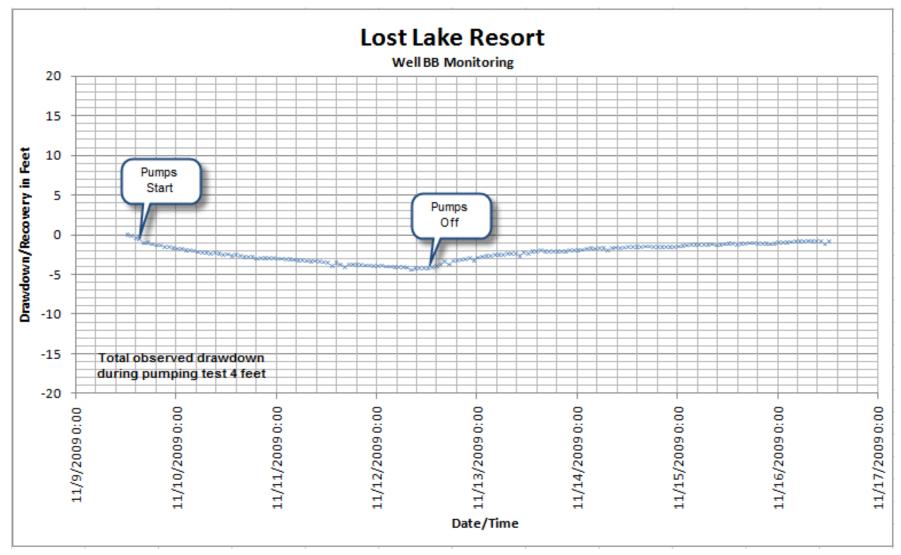
Graph 4, Well O 180 day Projection



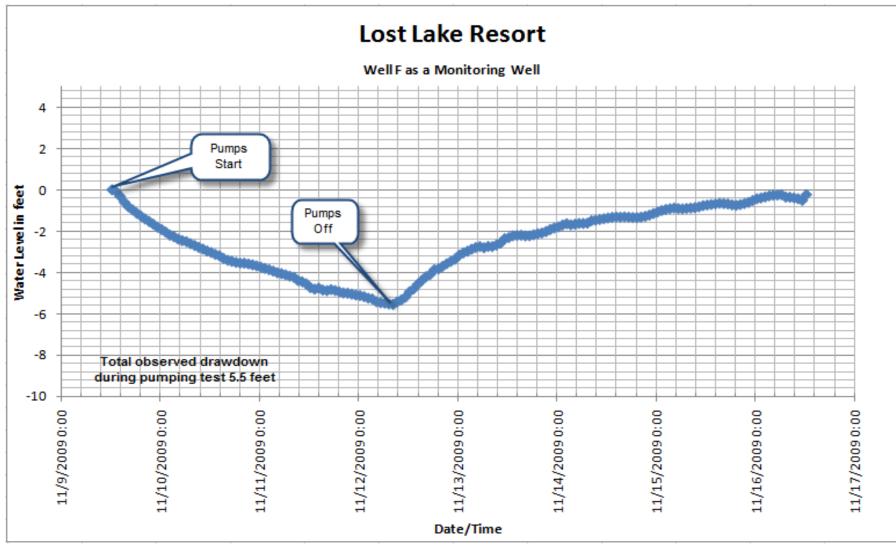
Graph 5, Well P Test



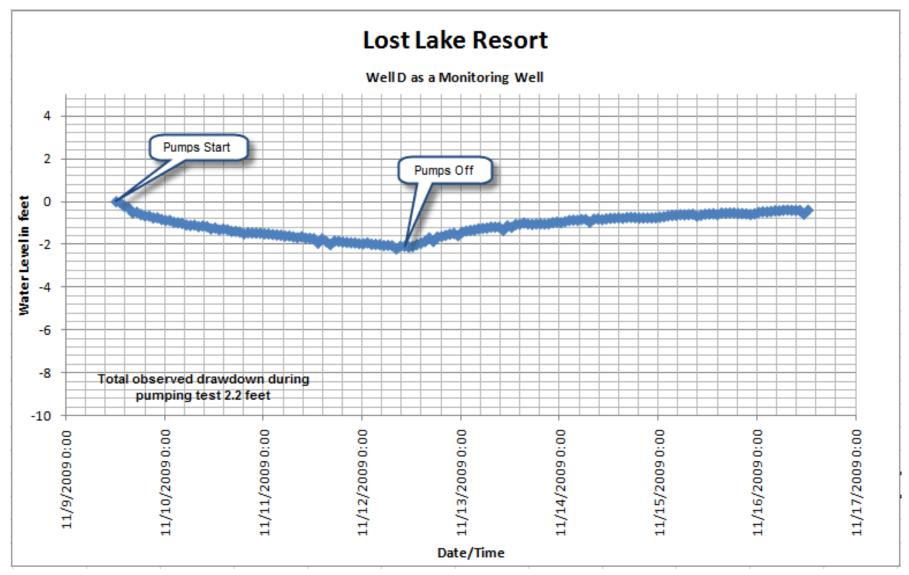
Graph 6, Well P 180 Day Projection



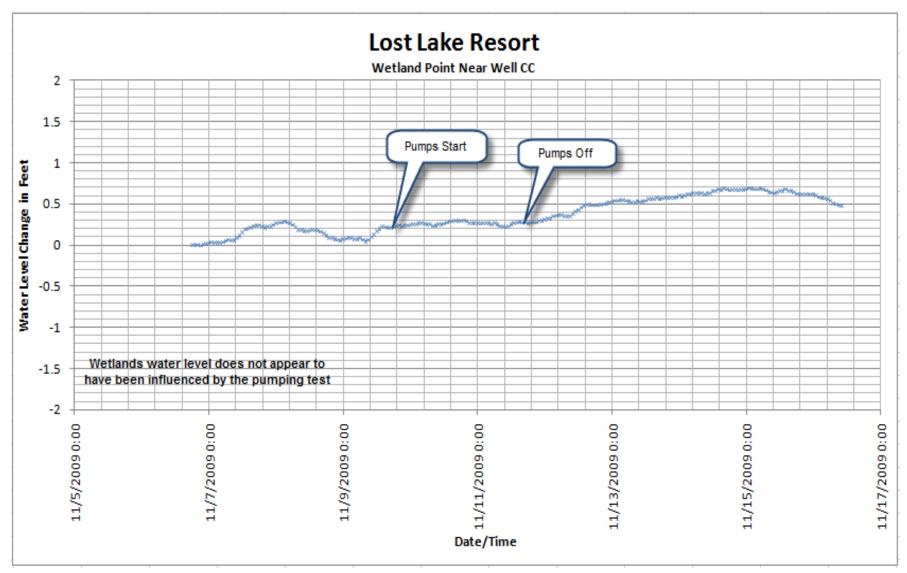
Graph 7, Well BB as a Monitoring Well



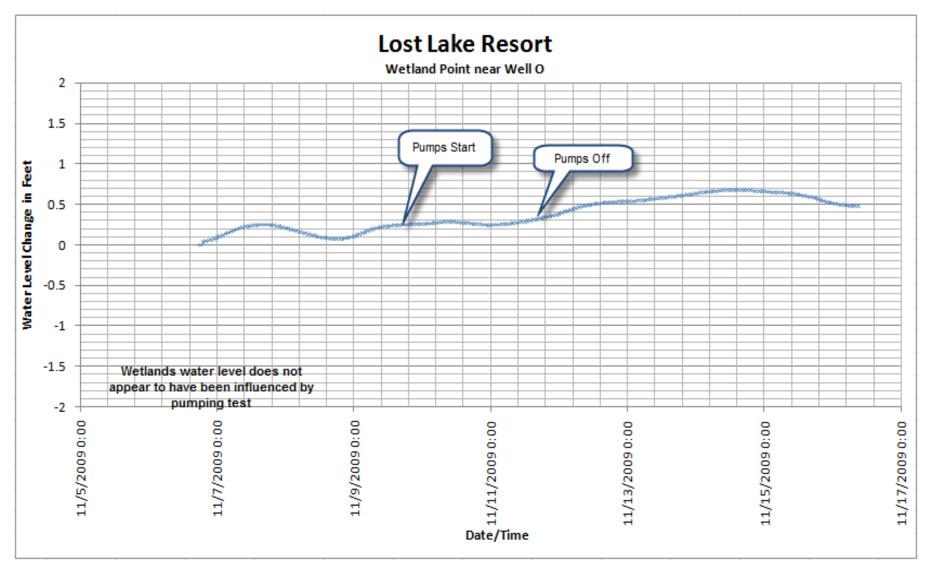
Graph 8, Well F as a Monitoring Well



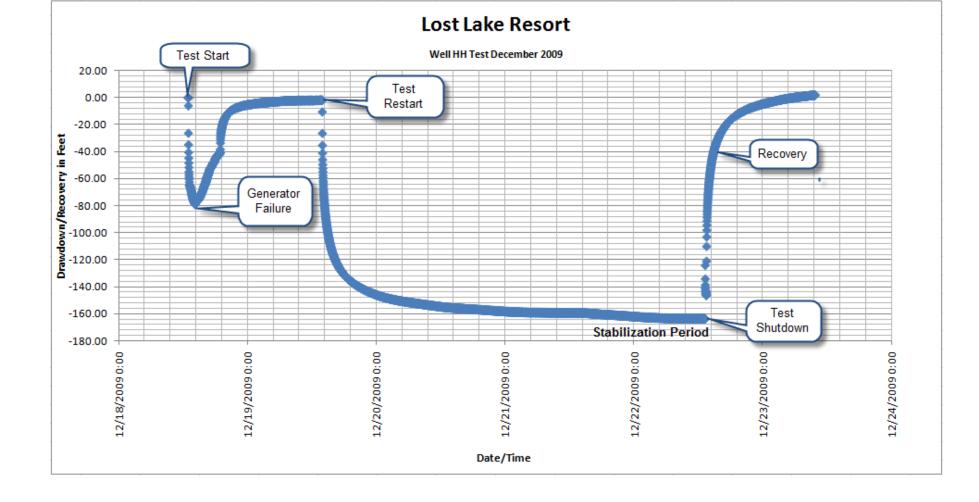
Graph 9, Well D as a Monitoring Well



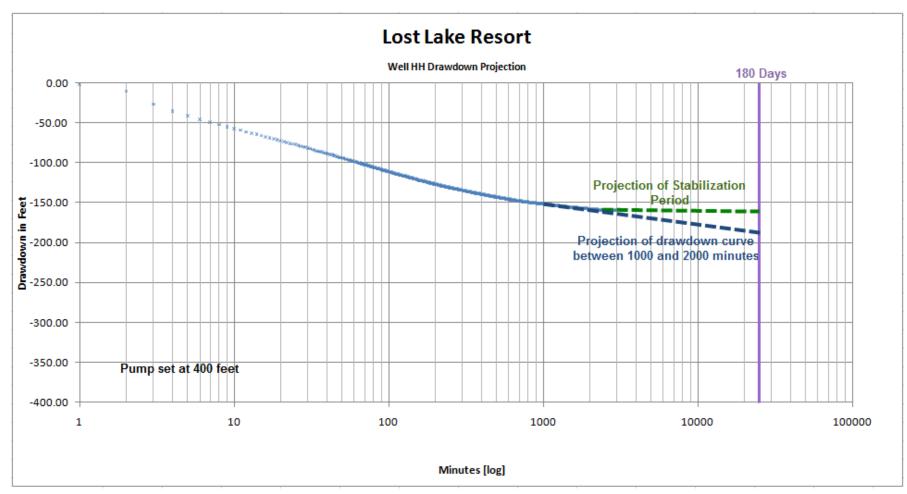
Graph 10, Wetland Point Near Well CC



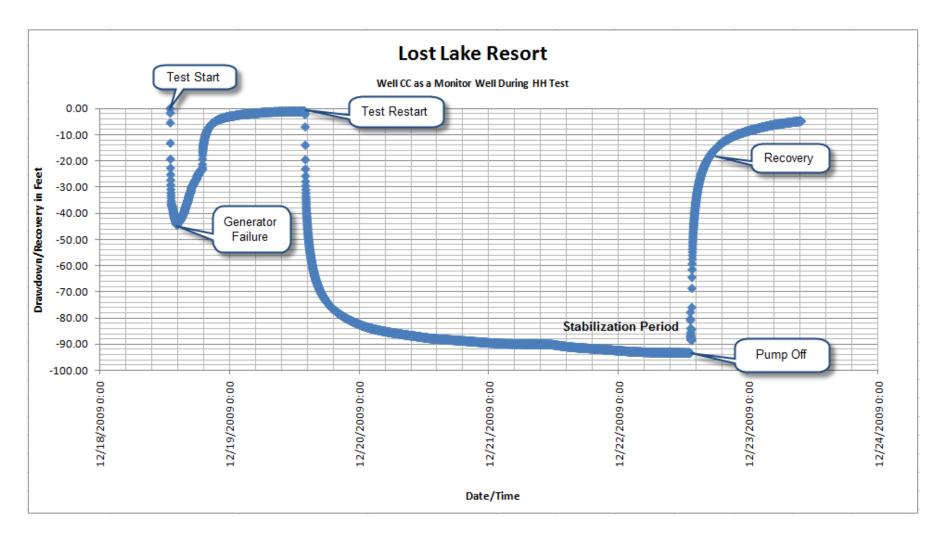
Graph 11, Wetland Point near Well O



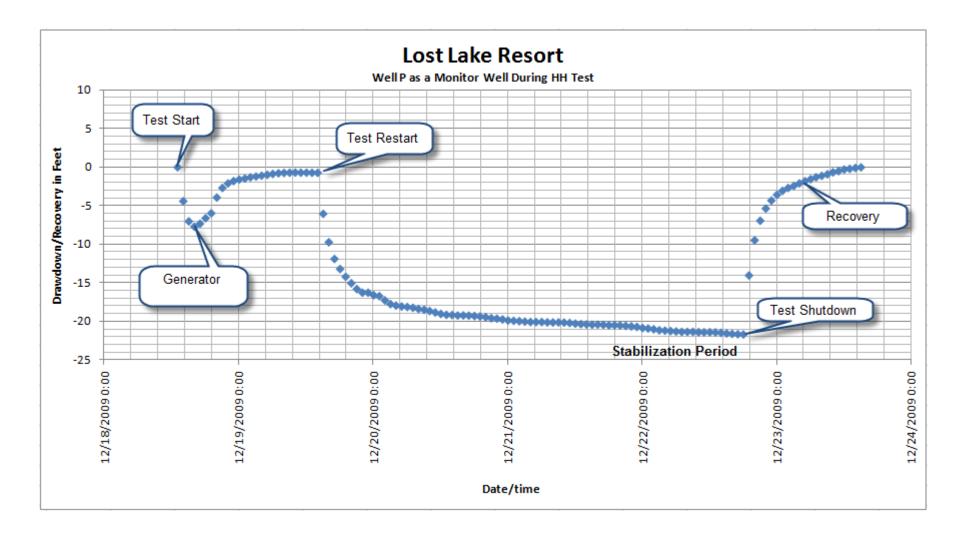
Graph 12, Well HH Test



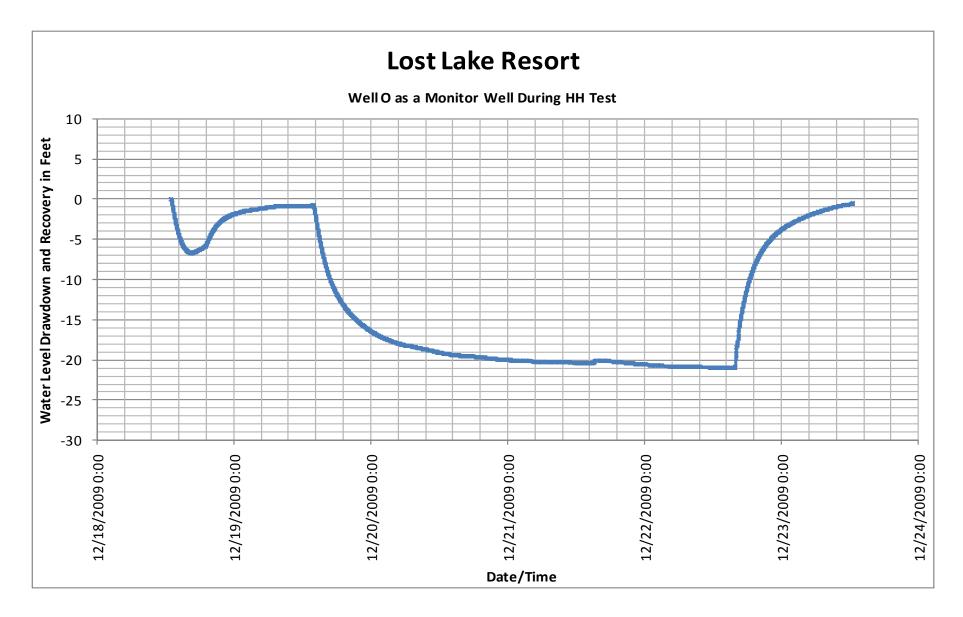
Graph 13, Well HH 180 Day Drawdown Projection



Graph 14, Well CC as a Monitoring Well



Graph 15, Well P as a Monitoring Well



Graph 16, Well O as a Monitoring Well

Attachment D

Water Quality Analytical Results

Table 1Lost Lake PropertySub-Part 5 AnalyticalNovember 12, 2009 December 21, 2009

| Parameter | Method | Standard | Well-O | Well-P | Well-DD | Well-HH | Units |
|--------------------------------|-----------|---------------------|--------|--------|---------|---------|-------|
| Color | 2120B | 15 Units | 5 | 10 | 5 | 15 | Pt/Co |
| Trichlorofluoromethane | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| Trichloroethene | | 5 | < 0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| trans-1,3-Dichloropropene | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| trans-1,2-Dichloroethene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| Toluene | | 5 | <0.50 | < 0.50 | <0.50 | <0.50 | ug/L |
| Tetrachloroethene | | 5 | <0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| tert-Butylbenzene | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| Styrene | | 5 | < 0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| sec-Butylbenzene | | 5 | <0.50 | < 0.50 | < 0.50 | < 0.50 | ug/L |
| o-Xylene | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| n-Propylbenzene | | 5 | < 0.50 | < 0.50 | < 0.50 | < 0.50 | ug/L |
| n-Butylbenzene | | 5 | <0.50 | < 0.50 | < 0.50 | < 0.50 | ug/L |
| Methylene Chloride | | 5 | <1.0 | <1.0 | <1.0 | <1.0 | ug/L |
| Methyl-tert-butyl-ether (MTBE) | | 10 | <1.0 | <1.0 | <1.0 | <1.0 | ug/L |
| m&p-Xylene | | 5 | <0.50 | <0.50 | < 0.50 | < 0.50 | ug/L |
| Isopropylbenzene | | 5 | < 0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| Hexachlorobutadiene | | 5 | < 0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| Ethylbenzene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| Dichlorodifluoromethane | | 5 | < 0.50 | < 0.50 | <0.50 | <0.50 | ug/L |
| Dibromomethane | | 5 | < 0.50 | < 0.50 | <0.50 | < 0.50 | ug/L |
| cis-1,3-Dichloropropene | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| cis-1.2-Dichloroethene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| Chloromethane | | 5 | < 0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| Chloroethane | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| Bromochloromethane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| Chlorobenzene | | 5 | < 0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| Carbon tetrachloride | EPA 502.2 | 5 | <0.50 | <0.50 | < 0.50 | < 0.50 | ug/L |
| Bromomethane | | 5 | <0.50 | < 0.50 | < 0.50 | < 0.50 | ug/L |
| Bromobenzene | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| Benzene | | 5 | <0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| p-Isopropyltoluene | | 5 | <0.50 | <0.50 | < 0.50 | <0.50 | ug/L |
| 4-Chlorotoluene | | 5 | <0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| 2-Chlorotoluene | | 5 | <0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| 2,2-Dichloropropane | | 5 | <0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| 1,4-Dichlorobenzene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,3-Dichloropropane | | 5 | <0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| 1,3-Dichlorobenzene | | 5 | <0.50 | < 0.50 | < 0.50 | <0.50 | ug/L |
| 1,3,5-Trimethylbenzene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,2-Dichloropropane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,2-Dichloroethane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,2-Dichlorobenzene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,2,4-Trimethylbenzene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,2,4-Trichlorobenzene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,2,3-Trichloropropane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,2,3-Trichlorobenzene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,1-Dichloropropene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,1-Dichloroethene | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,1-Dichloroethane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,1,2-Trichloroethane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,1,2,2-Tetrachloroethane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,1,1-Trichloroethane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| 1,1,1,2-Tetrachloroethane | | 5 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| Vinyl chloride | | 2 | <0.50 | <0.50 | <0.50 | <0.50 | ug/L |
| Silver (Ag) | | 100 | <10 | <10 | <10 | <10 | ug/L |
| Iron (Fe) | | 300 | <60 | 150 | <60 | <60 | ug/L |
| Manganese (Mn) | EPA 200.7 | 300 | 29 | <15 | <15 | <15 | ug/L |
| Sodium (Na) | | 20,000 ^A | 29,000 | 65,000 | 4,800 | 4,500 | ug/L |
| | | | <20 | <20 | 87 | 41 | |

Table 1Lost Lake PropertySub-Part 5 AnalyticalNovember 12, 2009 December 21, 2009

| Parameter | Method | Standard | Well-O | Well-P | Well-DD | Well-HH | Units |
|--|--------------|----------|------------------|------------------|------------------|----------------|--------------|
| Lead (Pb) | | 15 | <1.0 | <1.0 | <1.0 | <1.0 | ug/L |
| Arsenic (Ás) | | 10 | 1.9 | 4.4 | <1.4 | <1.4 | ug/L |
| Beryllium (Be) | | 4 | < 0.30 | <0.30 | <0.30 | <0.30 | ug/L |
| Cadmium (Cd) | | 5 | <1.0 | <1.0 | <1.0 | <1.0 | ug/L |
| Chromium (Cr) | | 100 | 1.7 | <1.0 | 1.6 | <1.0 | ug/L |
| Copper (Cu) | EPA 200.8 | 1,300 | <1.0 | 6.1 | 1.4 | 1.1 | ug/L |
| Nickel (Ni) | | 100 | <0.50 | <0.55 | 0.77 | 0.95 | ug/L |
| Thallium (TI) | | 2 | <0.30 | <0.30 | <0.30 | <0.30 | ug/L |
| Barium (Ba) | | 2,000 | 170 | 99 | 43 | 43 | ug/L |
| Selenium (Se) | | 50 | <2.0 | <2.0 | <2.0 | <2.0 | ug/L |
| Antimony (Sb) | | 6 | 0.43 | <0.40 | <0.40 | <0.40 | ug/L |
| Mercury (Hg) | EPA 245.1 | 2 | <0.20 | <0.20 | <0.20 | <0.20 | ug/L |
| Nitrate as N | | 10 | <0.010 | <0.010 | 0.080 | 0.050 | mg/L |
| Nitrite as N | | 1 | <0.010 | <0.010 | <0.010 | <0.010 | mg/L |
| Sulfate | EPA 300.0 | 250 | 7.1 | <5.0 | 8.1 | 8.7 | mg/L |
| Fluoride | | 2.2 | <0.50 | < 0.50 | <0.50 | <0.50 | mg/L |
| Chloride | 014.04005 | 250 | 7.9 | 20 | 2.2 | 2.4 | mg/L |
| Turbidity | SM 2130B | 5* | 0.38 | 6.8 | 0.84 | 1.5 | NTU |
| Odor | SM 2150B | 3 Units | 2.0 | 2.0 | 2.0 | 1.0 | |
| Cyanide (total) | SM 4500 CN E | 0.2 | <0.0050 | 0.0060 | < 0.0050 | < 0.0050 | mg/L |
| Coliform, Fecal | SM 9222D | | <1.0 | <1.0 | <1.0 | <1.0 | CFU/100 mL |
| Coliform, Total | SM18 9223 | NA** | <1.0 | <1.0 | <1.0 | <1.0 | CFU/100 mL |
| Escherichia Coli (e.coli) | | NA** | <1.0 | <1.0 | <1.0 | <1.0 | CFU/100 mL |
| Alachlor | | 2 3 | < 0.034 | <0.037 <0.024 | <0.034 | <0.20 <0.20 | ug/L |
| Atrazine | | 0.2 | <0.023 <0.030 | <0.024 | <0.022 <0.030 | <0.20 | ug/L |
| Benzo (a) pyrene Bis(2-ethylhexyl)phthalate | | 6 | <0.030 | <0.032 | <0.030 | <0.20 | ug/L |
| Di(2-ethylhexyl)adipate | | 5 | <0.63 | <0.67 | <0.61 | <2.0 | ug/L ug/L |
| Hexachlorobenzene | | <u> </u> | <0.03 | <0.07 | <0.01 | <0.20 | ug/L |
| Hexachlorocyclopentadiene | EPA 525.2 | 5 | <0.043 | <0.046 | <0.042 | <0.20 | ug/L ug/L |
| Butachlor | | 5 | <0.044 | <0.047 | <0.043 | <2.0 | ug/L ug/L |
| Simazine | | 4 | <0.033 | < 0.030 | <0.035 | <0.51 | ug/L |
| Metolachlor | | 5 | <0.030 | <0.033 | <0.020 | <0.20 | ug/L |
| Metribuzin | | 5 | <0.021 | <0.022 | <0.020 | <0.20 | ug/L |
| Propachlor | | 5 | <0.025 | <0.024 | <0.022 | <0.20 | ug/L |
| Bromate | EPA 300.1B | 10 | <2.6 | <2.6 | <2.6 | <2.6 | ug/L |
| 3-Hydroxycarbofuran | ELITOBOLIE | 5 | <0.31 | < 0.31 | <0.31 | <2.5 | ug/L |
| Oxamyl | | 5 | < 0.35 | < 0.35 | <0.35 | <2.5 | ug/L |
| Carbofuran | | 40 | <0.43 | <0.43 | <0.43 | <2.5 | ug/L |
| Aldicarb | | 3 | <0.41 | <0.41 | <0.41 | <2.5 | ug/L |
| Aldicarb sulfone | EPA 531.1 | 2 | <0.25 | <0.25 | <0.25 | <2.5 | ug/L |
| Aldicarb sulfoxide | | 4 | <0.25 | <0.25 | <0.25 | <2.5 | ug/L |
| Carbaryl | | 5 | <0.31 | <0.31 | <0.31 | <2.5 | ug/L |
| Methomyl | | 5 | <0.49 | <0.49 | <0.49 | <2.5 | ug/L |
| 1,2-Dibromo-3-chloropropane | EPA 504.1 | 2 | <0.0031 | < 0.0030 | <0.0031 | <0.020 | ug/L |
| Ethylene Dibromide | EFA 504.1 | 0.05 | <0.0075 | < 0.0073 | < 0.0074 | <0.020 | ug/L |
| Aldrin | | 5 | <0.0015 | < 0.0014 | < 0.0014 | <0.024 | ug/L |
| Chlordane | | 20 | <0.12 | <0.11 | <0.11 | <0.24 | ug/L |
| Endrin | | 20 | < 0.0022 | <0.0021 | <0.0021 | <0.048 | ug/L |
| gamma-BHC (Lindane) | | 2 | <0.0024 | <0.0023 | <0.0023 | <0.024 | ug/L |
| Heptachlor | | 4 | < 0.0064 | <0.0060 | <0.0060 | < 0.024 | ug/L |
| Heptachlor epoxide | | 2 | <0.0017 | <0.0016 | <0.0016 | <0.024 | ug/L |
| Methoxychlor | | 40 | <0.0079 | <0.0075 | < 0.0074 | <0.096 | ug/L |
| Dieldrin | I | 5 | <0.0016 | <0.0015 | <0.0015 | <0.048 | ug/L |
| PCB-1016 | EPA 508 | 5 | <0.069 | <0.065 | <0.065 | <0.48 | ug/L |
| PCB-1221 | | 5 | <0.052 | <0.049 | <0.049 | <0.48 | ug/L |
| PCB-1232 | | 5 | <0.099 | <0.094 | <0.093 | <0.48 | ug/L |
| PCB-1242 | | 5 | <0.14 | <0.13 | <0.13 | <0.48 | ug/L |
| PCB-1248 | | 5 | <0.049 | <0.047 | <0.047 | <0.48 | ug/L |
| PCB-1254 | | 5 | <0.052 | <0.049 | <0.049 | <0.48 | ug/L |
| PCB-1260 | | 5 | <0.051 | <0.048 | <0.048 | <0.48 | ug/L |
| Toxaphene | | 30 | < 0.059 | < 0.056 | < 0.055 | <2.4 | ug/L |
| Polychlorinated biphenyls, Total | | 5 | <0.045 | <0.043 | <0.043 | <0.48 | ug/L |

Table 1 Lost Lake Property Sub-Part 5 Analytical November 12, 2009 December 21, 2009

| Parameter | Method | Standard | Well-O | Well-P | Well-DD | Well-HH | Units |
|-------------------|--------------|------------|------------|------------|-------------|-------------|----------|
| 2,4-D | | 50 | < 0.037 | < 0.037 | < 0.036 | <0.48 | ug/L |
| Dalapon | | 5 | <1.0 | <0.99 | <0.96 | <9.6 | ug/L |
| Dinoseb | | 7 | <0.15 | <0.15 | <0.14 | <2.9 | ug/L |
| Pentachlorophenol | EPA 515.3 | 1 | <0.038 | <0.038 | < 0.037 | <0.96 | ug/L |
| Picloram | | 1 | < 0.077 | < 0.076 | < 0.074 | <0.48 | ug/L |
| Dicamba | | 5 | < 0.085 | < 0.084 | < 0.082 | <0.48 | ug/L |
| Silvex (2,4,5-TP) | | 10 | < 0.060 | < 0.059 | <0.058 | <0.48 | ug/L |
| Chlorite | EPA 300.1B | 1,000 | <20 | <20 | <20 | <20 | ug/L |
| Gross alpha | EPA 900.0 | 15 | <0.65 | <0.65 | <0.62 | <0.71 | pCi/L |
| Gross beta | EFA 900.0 | 15 | <0.83 | <0.77 | <0.77 | <1.2 | pCi/L |
| Radium 226 | EPA 903.0 | 5 Combined | 0.15 | < 0.063 | <0.080 | <0.049 | pCi/L |
| Radium 228 | EPA 904.0 | 5 Combined | < 0.02 | <0.02 | <0.23 | <0.008 | pCi/L |
| Uranium | ASTM 5174-91 | 30 | 6.68 | <0.715 | 0.933 | <0.99 | ug/L |
| Radon | SM 7500-Rn B | NVA | 1140(+/-40 | 410(+/-20) | 1310(+/-40) | 1330(+/-40) | pCI/L(T) |

Notes:

^A - Water containing more than 20 mg/L of sodium should not be used for drinking by people on

severely restricted sodium diets. Water containing more than 270 mg/L should not be used for

drinking by people on moderately restriced sodium diets.

* - Turbidity is measured by entery points for surface water and groundwater directly influenced by surface water.

It is assumed that these wells are not influenced but surface water.

** - total coliform and e-coli can not be present in water supply systems that are currently supplying

water to the puplic.

NA - Not Applicable

Pt/Co - Color Units

ug/L - micrograms per liter (ppb-parts per billion).

mg/L - milligrams per liter (ppm-parts per million).

NTU - Nephelometric Turbidity Units

CFU/mL - Colony Forming Units per 100 milliliter

pCi/L - picocuries per liter NVA - no value available Attachment E

Weather Data

Explanation of the Preliminary Climate Data (F6) Product

Please note this information is preliminary and subject to revision. Official and certified climatic data can be accessed at the National Climatic Data Center (NCDC) (<u>http://www.ncdc.noaa.gov/oa/ncdc.html</u>).

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

| | | | | | | | | | | STAT MONT YEAF LATI LONG | TH: R: LTUD |] E: | MONTO NOVEM 2009 41 3 74 1 | 81 N | Υ, ΝΥ | Y | | |
|----------|---------------|----------|----------|--------|-------------|-------|---------------|--------|--------|--------------------------------------|-------------------|------------|--|--------|-------------|--------------|---------------|------------|
| | rempe | RATU | JRE I | | | | PCPN: | | SNOW: | WIN | | | | SHINE | | Y ====== | :PK V | |
| 1 | 2 | 3 | 4 | 5 | 6A | 6B | 7 | 8 | 9 | 10 | 11 | 12 2MIN | 13 | 14 | 15 | 16 | 17 | 18 |
| | MAX | | | | | - | WTR | | DPTH | | | | | | | WX ====== | SPD | |
| 1 | 58 | 34 | 46 | М | 19 | 0 | 0.01 | М | М | 4.6 | 5 17 | 320 | М | М | 0 | | 25 | 350 |
| 2 | 56 | 32 | 44 | М | 21 | | 0.00 | М | М | | 7 10 | | М | М | 2 | 1 | 15 | 60 |
| 3 | 60 | 29 | 45 | М | 20 | | 0.00 | М | М | | 1 18 | | М | M | 5 | 1 | | 330 |
| 4 | 49 | 29 | 39 | M | 26 | 0 | T | M | M | | | 250 | M | M | 4 | 1 | | 250 |
| 5 6 | 50 47 | 34 25 | 42 36 | M M | 23 29 | 0 | 0.07 | M M | M M | | | 310 340 | M M | M M | 8 5 | 1 | | 320 320 |
| 7 | 52 | 23 | 38 | M | 29 | | 0.00 | M | M | | | 220 | M | M | 0 | | | 190 |
| 8 | 69 | 29 | 49 | M | 16 | | 0.00 | M | M | 1.8 | | 250 | M | M | 0 | | | 230 |
| 9 | 70 | 31 | 51 | М | 14 | | 0.00 | М | М | 5.0 | | 220 | М | М | 0 | 1 | 24 | |
| 10 | 64 | 47 | 56 | М | 9 | 0 | 0.00 | М | М | 3.5 | 5 10 | 30 | М | М | 0 | 18 | 15 | 40 |
| 11 | 52 | 43 | 48 | М | 17 | 0 | 0.00 | М | М | 12.8 | 3 21 | 30 | М | М | 0 | | 26 | 30 |
| 12 | 50 | 42 | 46 | М | 19 | 0 | 0.00 | М | | 13.3 | | 30 | М | М | 3 | | 28 | 50 |
| 13 | 56 | 42 | 49 | М | 16 | | 0.05 | М | | 15.0 | | 30 | М | М | 4 | | 31 | 30 |
| 14 | 55 | 47 | 51 | М | 14 | | 0.34 | М | | 12.9 | | 40 | М | М | 10 | 1 | 31 | 40 |
| 15 | 62 | 45 | 54 | М | 11 | | 0.02 | М | М | 1.6 | | 40 | М | M | 6 | 12 | 10 | 30 |
| 16 | 59 | 35 | 47 | M | 18 | | 0.00 | M | M | | 5 14 | | M | M | 0 | 12 | 18 | |
| 17 18 | 53 53 | 30 27 | 42 40 | M | 23 | | 0.00 | M | M | 2.5 | | 70 | M | M | 0 | 1 | 17 10 | 70 40 |
| 10 | 53 58 | 27 36 | 40 47 | M M | 25 18 | | 0.00 | M M | M M | 2.9 | | 40 20 | M M | M M | 1 10 | 1 1 | | 40 120 |
| 20 | 60 | 38 | 49 | M | 16 | | 0.22 | M | M | 7.8 | | 300 | M | M | 10 4 | 1 | 29 | 300 |
| 21 | 58 | 33 | 46 | M | 19 | | 0.00 | M | M | | | 320 | M | M | 0 | 1 | 14 | 320 |
| 22 | 52 | 29 | 41 | М | 24 | 0 | 0.00 | М | М | |) 15 | 20 | М | М | 3 | 126 | 17 | 20 |
| 23 | 49 | 34 | 42 | М | 23 | 0 | Т | М | М | 8.4 | 1 14 | 40 | М | М | 10 | | 18 | 40 |
| 24 | 57 | 36 | 47 | М | 18 | 0 | 0.00 | М | М | 5.8 | 3 13 | 40 | М | М | 8 | 1 | 17 | 30 |
| 25 | 48 | 38 | 43 | М | 22 | | 0.10 | М | М | 0.9 | | 160 | М | М | 10 | 1 | 8 | 160 |
| 26 | 56 | 35 | 46 | М | 19 | | 0.00 | М | М | 1.2 | | 100 | М | М | 3 | 12 | 9 | 100 |
| 27 | 46 | 40 | 43 | M | 22 | | 0.00 | M | | 10.8 | | | M | M | 10 | 1 | | 300 |
| 28 | 49 57 | 40 | 45 | M | | | 0.00 | M | | 14.9 | | | M | M | 3 | | | 310 |
| 29 30 | 57 52 | 29 34 | 43 43 | M M | | | 0.00 0.11 | M M | M M | | | 230 330 | M M | M M | 0 8 | | | 230 320 |
| | ===== 1657 | | | ====: | ==== 592 | | ===== 1.16 | ===== | 0.0 | | | ==== | ===== M | | ==== 127 | | ====: | ==== |
| | ===== 55.2 | | | ====: | ====: | ===== | | ===== | | | | | PSBI | | ====: 4 | ===== MAX | ===== (MPH | |
| | | | | | | | | MISC | 2 | | | 310 | | | - | 45 | | |
| | ===== res: | ==== | ====: | ====: | ====: | ===== | | ===== | ===== | ===== | === | ==== | ===== | | ====: | | ====: | ==== |

http://www.erh.noaa.gov/box/displayF6.php?Month=11&Year=09&Location=MGJ

| # LAST OF SEVERAL OCCURRENCE | ES | |
|--|---|--|
| COLUMN 17 PEAK WIND IN M.P.H | н. | |
| PRELIMINARY LOCAL CLIMATOLOG | GICAL DATA (WS FORM: F- | -6) , PAGE 2 |
| | MONTH: YEAR: LATITUDE | : MONTGOMERY, NY NOVEMBER 2009 E: 41 31 N DE: 74 16 W |
| [TEMPERATURE DATA] [PRE | ECIPITATION DATA] | SYMBOLS USED IN COLUMN 16 |
| HIGHEST: 70 ON 9 GRTS LOWEST: 23 ON 7 SNOW TOTA GRTS | R FM NORMAL: M ST 24HR M ON M N, ICE PELLETS, HAIL AL MONTH: 0.0 INCH ST 24HR M | <pre>2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS 3 = THUNDER 4 = ICE PELLETS</pre> |

- 9 = BLOWING SNOW
- X = TORNADO

Explanation of the Preliminary Climate Data (F6) Product

Please note this information is preliminary and subject to revision. Official and certified climatic data can be accessed at the National Climatic Data Center (NCDC) (<u>http://www.ncdc.noaa.gov/oa/ncdc.html</u>).

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6)

| | | | | | | | | | | MONT YEAF | ε: [TUD] | : E | MONTG DECEM 2009 41 3 74 1 | 51 N | ζ, ΝΥ | Y | | |
|----------|---------------|----------|----------|--------|----------|------------|-------|--------|--------|--------------|-----------------|------------|--|--------|--------|------|---------------|------------|
| ==: | FEMPI | ERATU | JRE : | IN F | | : ===== | PCPN: | 2 | SNOW: | WIN | | | | HINE: | | | :PK (| WND |
| 1 | 2 | 3 | 4 | 5 | 6A | 6B | 7 | 8 | 9 | 10 AVG | 11 MX | 12 2MIN | 13 | 14 | 15 | 16 | 17 | 18 |
| DY | MAX | MIN | AVG | DEP | HDD | CDD | WTR | | DPTH | | SPD | DIR | | PSBL | | | SPD ====== | |
| 1 | 45 | 27 | 36 | М | 29 | 0 | 0.00 | М | М | 6.6 | | 220 | М | М | б | | 22 | |
| 2 | 49 | 25 | 37 | М | 28 | | 0.29 | М | М | | 7 10 | 20 | М | М | 1 | 1 | 12 | 20 |
| 3 | 64 | 44 | 54 | М | 11 | 0 | 0.91 | М | М | 10.6 | 5 31 | 220 | М | М | б | 1 | 45 | 240 |
| 4 | 49 | 29 | 39 | М | 26 | 0 | 0.00 | М | М | 4.0 |) 12 | 330 | М | М | 3 | | 28 | 80 |
| 5 | 38 | 30 | 34 | М | 31 | | 0.12 | М | М | 5.7 | 79 | 10 | М | М | 7 | 1 | 12 | 10 |
| б | 35 | 23 | 29 | М | 36 | | 0.27 | М | М | | 1 15 | 320 | М | М | 3 | | 21 | |
| 7 | 33 | 19 | 26 | М | 39 | | 0.00 | М | М | | | 220 | М | М | 3 | 1 | 13 | |
| 8 | 40 | 21 | 31 | M | 34 | | 0.05 | М | M | | | 290 | М | M | 1 | 1 | 15 | 290 |
| 9 | 36 | 29 | 33 | M | 32 | | 1.08 | M | M | |) 17 | 30 | M | M | 10 | 126 | 20 | 20 |
| 10 11 | 40 26 | 23 16 | 32 21 | M | 33 | | 0.00 | M | | 13.7 | | | M | M | 5 3 | | 33 32 | 280 290 |
| 12 | ∠o 33 | 12 | 21 23 | M M | 44 42 | | 0.00 | M M | M M | | 5 23 5 20 | | M M | M M | 5 1 | | 29 | 290 300 |
| 13 | 34 | 8 | 21 | M | 44 | | 0.63 | M | M | 2.2 | | 270 | M | M | 8 | 16 | 12 | |
| 16 | 37 | 24 | 31 | M | 34 | 0 | 0.00 | M | | 10.6 | | | M | M | 1 | τU | 28 | 300 |
| 17 | 26 | 13 | 20 | М | 45 | 0 | Т | M | M | 11.5 | | 310 | M | M | 1 | | 33 | 310 |
| 18 | 23 | 8 | 16 | М | 49 | 0 | 0.00 | М | М | 3.3 | | 30 | М | М | 1 | | 9 | 20 |
| 21 | 34 | 18 | 26 | М | 39 | 0 | 0.00 | М | М | 11.3 | 3 25 | 320 | М | М | 2 | | 35 | 300 |
| 22 | 32 | 18 | 25 | М | 40 | 0 | 0.00 | М | М | 10.1 | L 23 | 300 | М | М | 0 | | 32 | 310 |
| 23 | 27 | 16 | 22 | М | 43 | 0 | 0.00 | М | М | 9.0 | 21 | 320 | М | М | 6 | | 26 | 330 |
| 24 | 37 | 12 | 25 | М | 40 | | 0.00 | М | М | 4.1 | L 20 | 40 | М | М | 0 | | 23 | 30 |
| 25 | 33 | 21 | 27 | М | 38 | | 0.22 | М | М | 7.3 | | 40 | М | М | 8 | 16 | 16 | 30 |
| 26 | 40 | 32 | 36 | М | 29 | | 0.32 | М | М | | 3 15 | 20 | М | М | 10 | 16 | 20 | 360 |
| 27 | 49 | 25 | 37 | M | 28 | | 0.39 | М | M | | 7 17 | | М | M | 2 | 1 | 23 | 280 |
| 28 | 37 | 25 | 31 | M | 34 | | 0.00 | M | M | | 1 20 | 290 340 | M | M | 8 | | 29 | 280 |
| 29 30 | 29 31 | 13 17 | 21 24 | M M | 44 41 | | 0.00 | M M | M M | | | 340 330 | M M | M M | 0 0 | | 55 29 | 360 320 |
| 31 | 31 | 21 | 24 | M | 39 | | 0.13 | M | M | 1.2 | | 210 | M | M | 9 | 16 | | 210 |
| | - | | | | | | | | | | | | | | | | ====== | |
| SM | 988 | 3 50 | 59 | | 972 | 0 | 4.41 | | 0.0 | 198.4 | 1 | | М | | 116 | | | |
| | 36.6 | | | | | | | | | | | | PSBL | | 4 | | AX(MPH | |
| | | | | | | | | | 2 | -> | 32 | 340 | | | | | 55 360 | 0 |
| | ===== FES: | | ==== | ====: | ====: | ===== | ===== | ===== | ===== | ===== | ==== | ==== | ===== | ===== | ==== | ==== | ====== | ==== |
| - | | OF S | SEVEI | RAL (| OCCUI | RRENC | CES | | | | | | | | | | | |

COLUMN 17 PEAK WIND IN M.P.H.

PRELIMINARY LOCAL CLIMATOLOGICAL DATA (WS FORM: F-6) , PAGE 2

| | YEAR: LATIT | DN: MONTGOMERY, NY : DECEMBER 2009 JDE: 41 31 N FUDE: 74 16 W |
|--------------------|---|--|
| [TEMPERATURE DATA] | [PRECIPITATION DATA] | SYMBOLS USED IN COLUMN 16 |
| DPTR FM NORMAL: M | TOTAL FOR MONTH: 4.41 DPTR FM NORMAL: M GRTST 24HR M ON M SNOW, ICE PELLETS, HAIL TOTAL MONTH: 0.0 INCH GRTST 24HR M GRTST DEPTH: M | <pre>2 = FOG REDUCING VISIBILITY TO 1/4 MILE OR LESS 3 = THUNDER 4 = ICE PELLETS</pre> |