

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 Liberty, New York, from Table 1 in the Soil Survey of Sullivan County, NY.	

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 its 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 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 19, 2009 pump test was on 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.

Table 3 Pump Test Results (Well HH considered Best Well)					
Well	Test Dates	Total Drawdown (ft bgs)	Depth Pump was Set (ft bgs)	Stabilization	Test Rate (gpm)
Well DD	11-09-2009 to 11-11-2009	350	400	>24 hours	200
Well P		335	400	>24 hours	18
Well O		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.

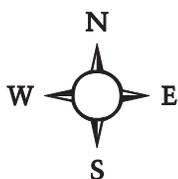
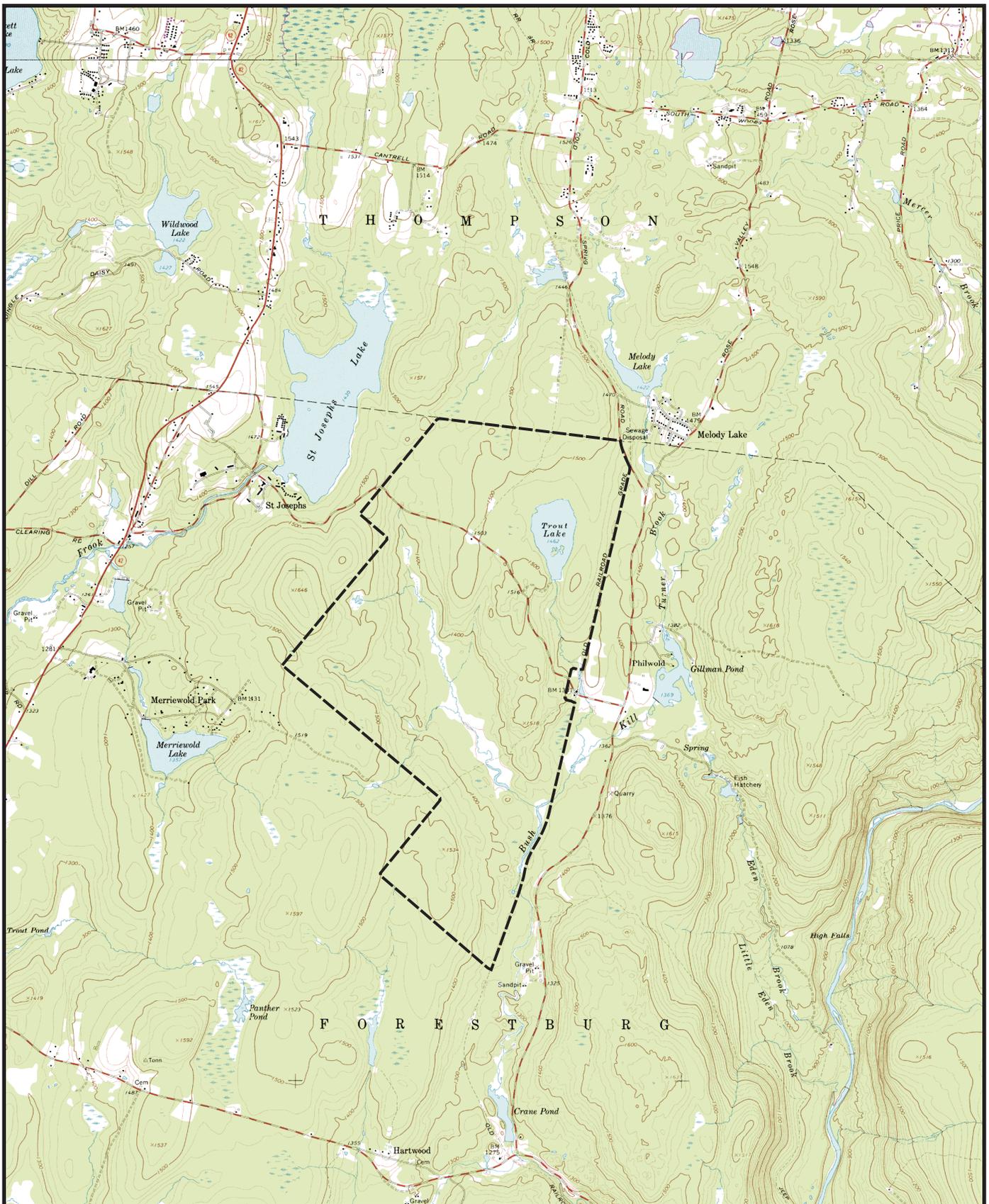


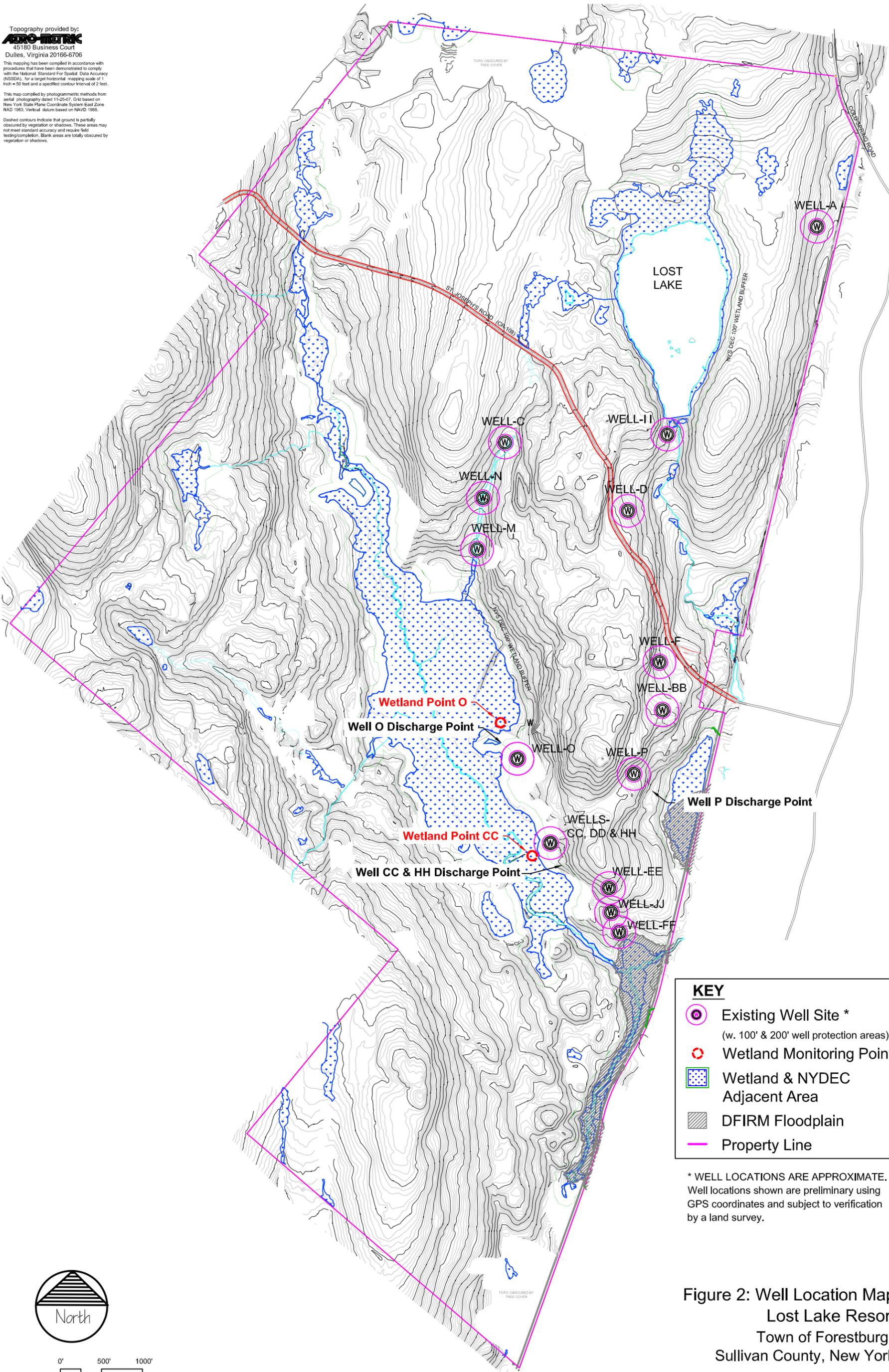
Figure 1: Location Map
 Lost Lake Resort
 Town of Forestburgh, Sullivan County, New York
 Base Map: USGS 7.5-minute Topographic Map, Hartwood Quad
 Scale: 1" = 4,000'

Topography provided by:
AERO-METRIC
 45180 Business Court
 Dulles, Virginia 20166-6706

This mapping has been compiled in accordance with procedures that have been demonstrated to comply with the National Standard For Spatial Data Accuracy (NSDA), for a target horizontal mapping scale of 1 inch = 50 feet and a specified contour interval of 2 feet.

This map compiled by photogrammetric methods from aerial photography dated 11-25-07. Grid based on New York State Plane Coordinate System East Zone NAD 1983. Vertical datum based on NAVD 1985.

Dashed contours indicate that ground is partially obscured by vegetation or shadows. These areas may not meet standard accuracy and require field testing/completion. Blank areas are totally obscured by vegetation or shadows.



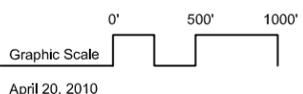
KEY

- Existing Well Site *
(w. 100' & 200' well protection areas)
- Wetland Monitoring Point
- Wetland & NYDEC Adjacent Area
- DFIRM Floodplain
- Property Line

* WELL LOCATIONS ARE APPROXIMATE. Well locations shown are preliminary using GPS coordinates and subject to verification by a land survey.

Figure 2: Well Location Map
Lost Lake Resort
Town of Forestburgh
Sullivan County, New York

Base Map: AERO-METRIC and Brinkash & Associates, Inc.



April 20, 2010

Drawing: T:\Double Diamond Forestburgh_07093_drawing\CAD_drawing\DD_FORESTBURGH-Wells_tested_and_monitored_10.dwg

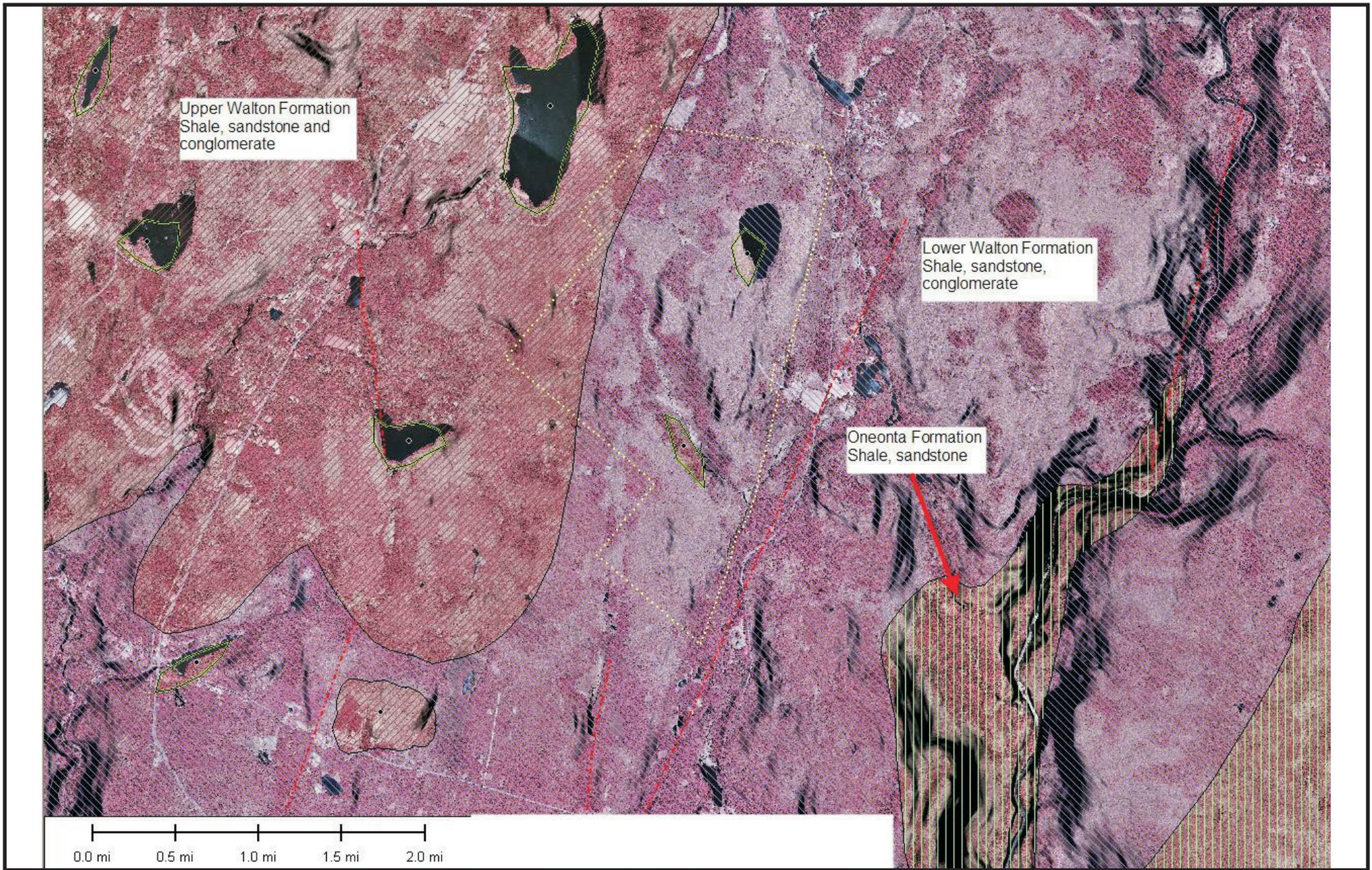


Figure 3: Bedrock Geology of the Lost Lake Property Area

Lost Lake Resort

Town of Forestburgh, Sullivan County, NY

Source: SSEC, 4/19/10

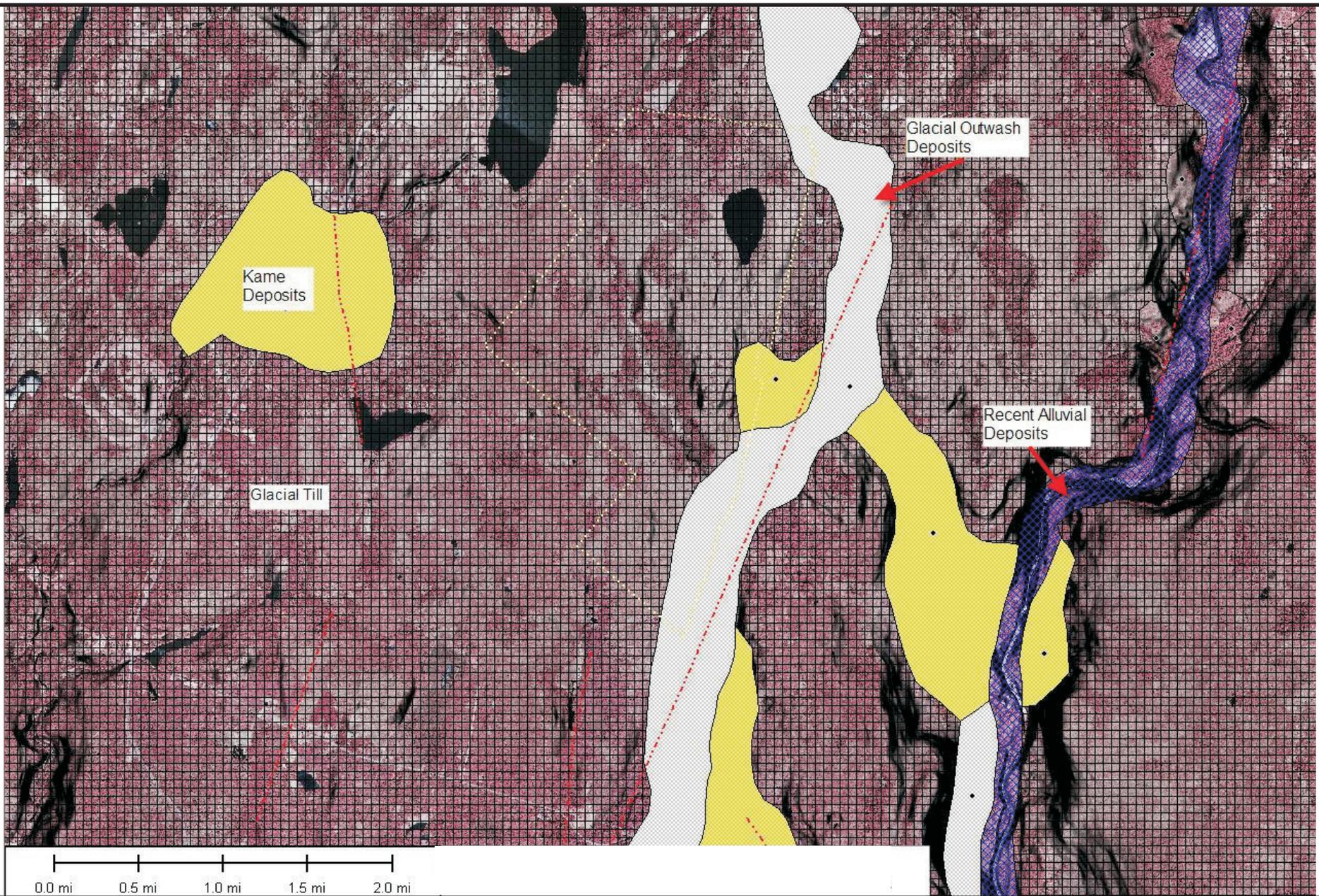


Figure 4: Surficial Geology of the Lost Lake Property Area
 Lost Lake Resort
 Town of Forestburgh, Sullivan County, NY
 Source: SSEC, 4/19/10

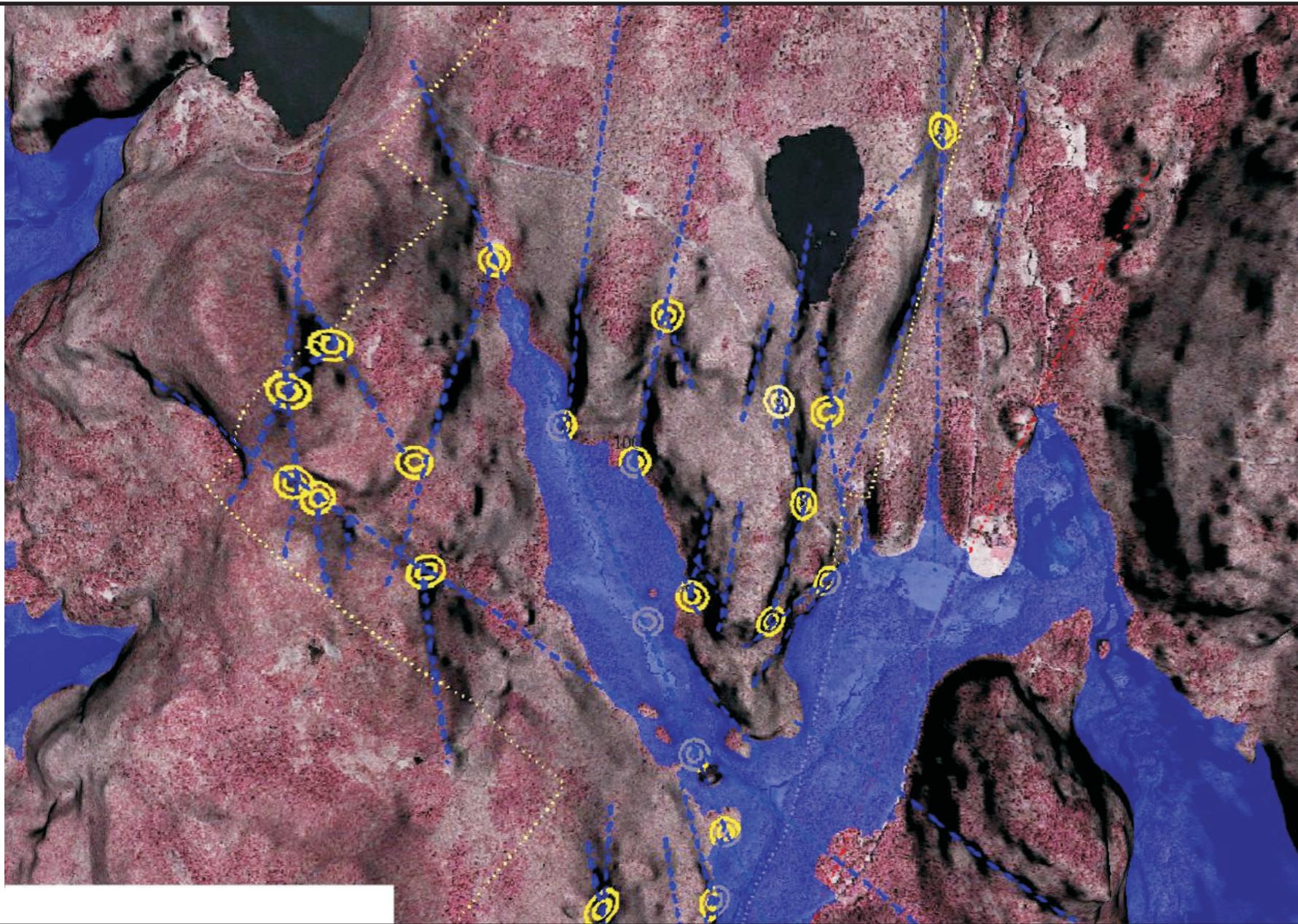
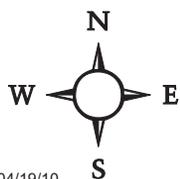


Figure 5: Possible Unusable Gravel Deposit Areas

Lost Lake Resort

Town of Forestburgh, Sullivan County, NY

Source: SSEC, 4/19/10



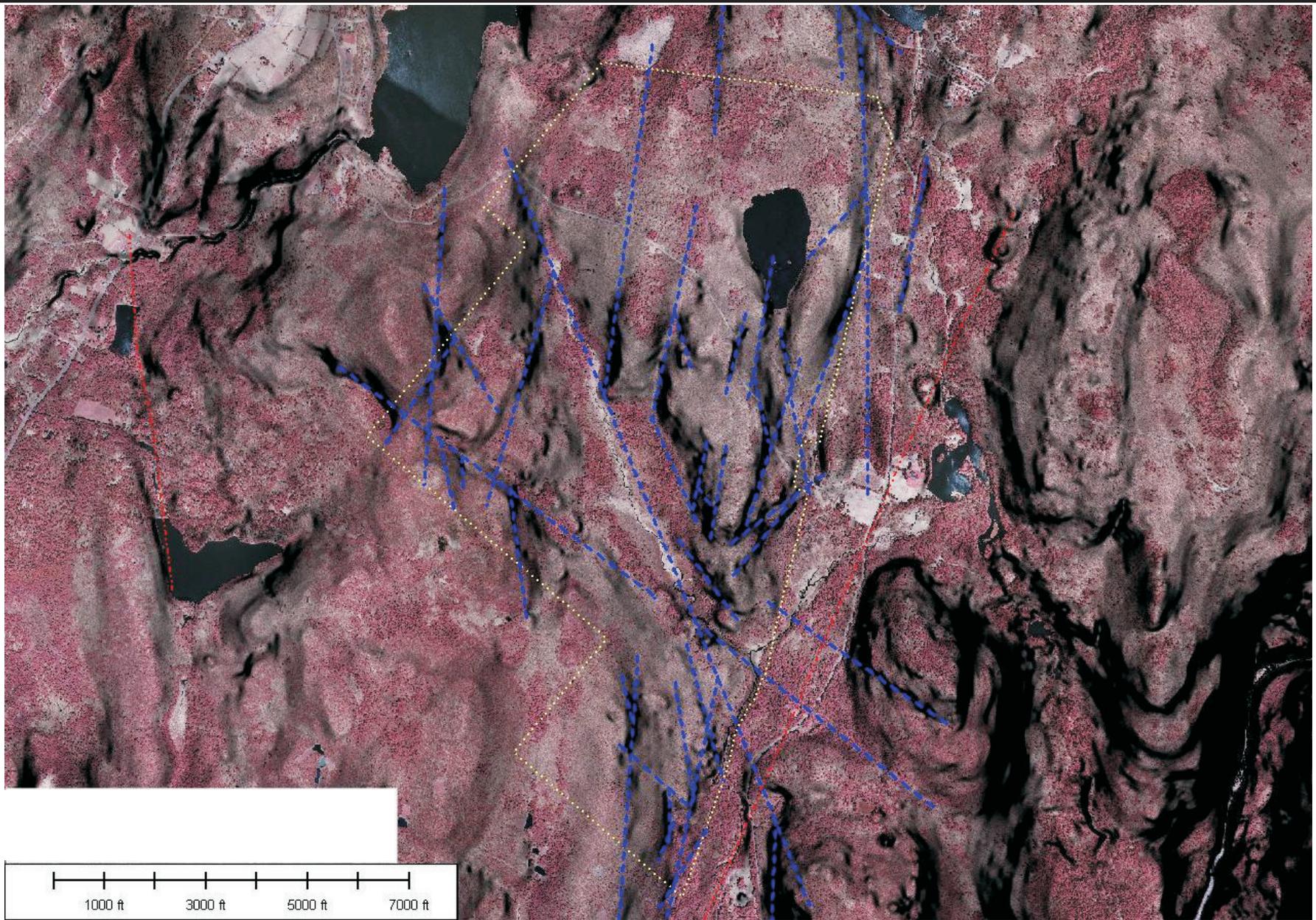
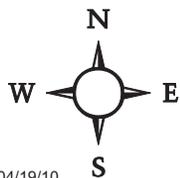


Figure 6: Fracture Trace Analysis
Lost Lake Resort
Town of Forestburgh, Sullivan County, NY
Source: SSEC, 4/19/10



Attachment A

Well Logs

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) COUNTY GULLIVAN
(2) TOWN FORESTBURGH

(3) DEC Well Number
GV 3083

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND COMPANIES

(5) ADDRESS TX 75231
10100 N. CENTRAL EXPWAY SUITE 100, DALLAS

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
Show Lat/Long if available and method used: WELL A, DOUBLE DIAMOND PROPERTY, FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 305

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 6 in. @ 19#/FT in. | in. | in. | in.

(10) LENGTH 09 ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT

(12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

SCREENS

(13) MAKE & MATERIAL _____ (14) OPENINGS _____

(15) DIAMETER in. | in. | in. | in.

(18) LENGTH ft. | ft. | ft. | in.

(17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feet) _____

WELL TEST

(18) DATE 8/4/08 (19) DURATION OF TEST 3

(20) LIFT METHOD Pump Air Lift Bail (21) STABILIZED DISCHARGE (GPM) 0

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE _____ (28) PUMP INSTALLER _____

(29) TYPE _____ (30) MAKE _____ (31) MODEL _____

(32) MAXIMUM CAPACITY (GPM) _____ (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) _____

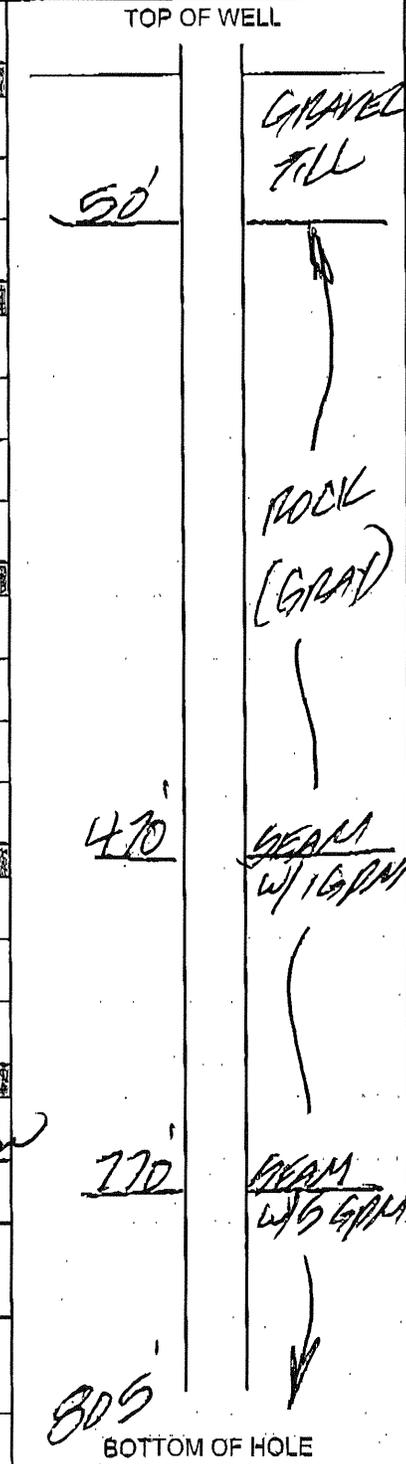
(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER (See instructions for choices) PUBLIC/INDUSTRIAL

(36) DATE DRILLING WORK STARTED 8/3/08 (37) DATE DRILLING WORK COMPLETED 8/4/08

(38) DATE REPORT FILED 9/15/08 (39) REGISTERED COMPANY BOYD ARTESTIAN WELLS CO. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE _____

(43) LOG
Depth to Bedrock _____ (ft. below ground surface)
Ground Elev. _____ (ft. above S.L.)
Top of Casing +1 (ft. above (+) or below (-) ground surface)



* By signing this document I hereby affirm that: (1) I am certified to supervise water well drilling activities as... (2) this water well was constructed in accordance with...

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(3) DEC Well Number
SU 3086

(1) COUNTY GULLIVAN
(2) TOWN FORESTBURGH

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND COMPANIES

(5) ADDRESS 10100 NORTH CENTRAL EXPRESSWAY, SUITE 600, DALLAS, TX 75231

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
Show Lat/Long if available and method used: WELL F - DOUBLE DIAMOND PROPERTY, FORESTBURGH

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 905' (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) DATE MEASURED

CASINGS

(9) DIAMETER 6 in. 1 1/4" / FT in. | in. | in.

(10) LENGTH 51 ft. ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL FROM TO (feet)

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)

YIELDS/TESTS

(18) DATE 8/6/08 (19) DURATION OF TEST

(20) LIFT METHOD Pump Air Lift Ball (21) STABILIZED DISCHARGE (GPM) 7

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No

PUMP INSTALLATION

(26) PUMP INSTALLED? YES NO (27) DATE (28) PUMP INSTALLER

(29) TYPE (30) MAKE (31) MODEL

(32) MAXIMUM CAPACITY (GPM) (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (feet)

(34) METHOD OF DRILLING Rotary Cable Tool Other (35) USE OF WATER (See Instructions for choices) IRRIGATION - PUBLIC

(36) DATE DRILLING WORK STARTED 8/5/08 (37) DATE DRILLING WORK COMPLETED 8/6/08

(38) DATE REPORT FILED 8/13/08 (39) REGISTERED COMPANY BOYD ARTESIAN WELL CO. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE

(43) LOG
Depth to Bedrock _____ (ft. below ground surface)
Ground Elev. _____ (ft. above S.L.)
Top of Casing _____ (ft., above (+) or below (-) ground surface)

TOP OF WELL
30' GOLDEN SAND
100' GRAY ROCK
120' RED ROCK
230' GRAY ROCK
230' RED ROCK
300' GRAY ROCK
BEAM 10/6/11
GRAY ROCK
GRAY ROCK
750' BEAM WITH 6" GPM
905' GRAY ROCK
BOTTOM OF HOLE

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(1) COUNTY GULLIVAN
(2) TOWN FORESTBURGH

(3) DEC Well Number
9V 9085

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND COMPANIES

(5) ADDRESS 10100 N. CENTRAL EXPRESSWAY SUITE 600, DALLAS, TX 75231

(6) LOCATION OF WELL (See instructions on Reverse) (Check here if same as address above, also provide Lat / Long below)
Show Lat/Long if available and method used: WELL 0 - DOUBLE DIAMOND PROPERTY FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 1005' (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 6 in. @ 19 1/2 FT in. | in. | in. | in.

(10) LENGTH 51 ft. ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

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) _____

YIELD TEST

(18) DATE 8/11/08 (19) DURATION OF TEST _____

(20) LIFT METHOD Pump Air Lift Bell (21) STABILIZED DISCHARGE (GPM) 1/2

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE _____ (28) PUMP INSTALLER _____

(29) TYPE _____ (30) MAKE _____ (31) MODEL _____

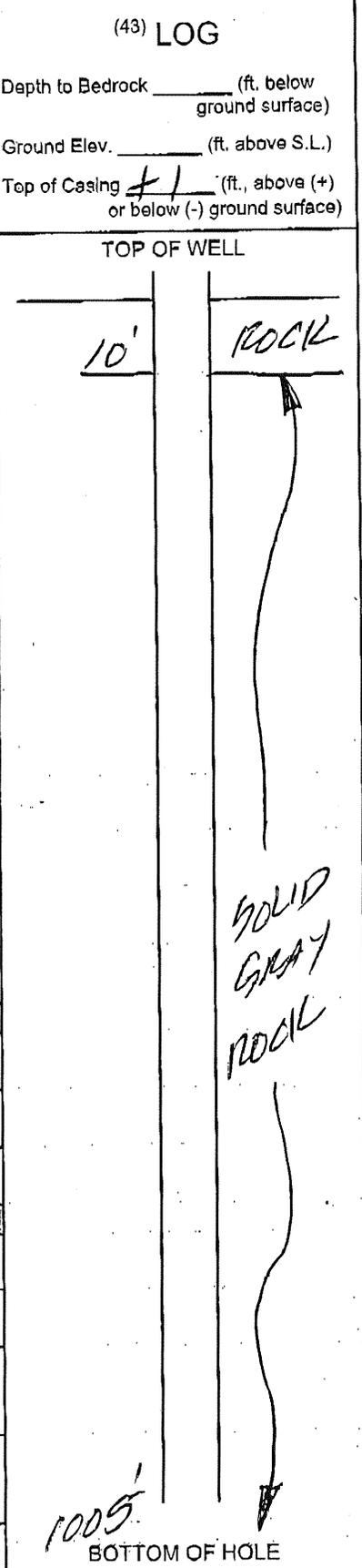
(32) MAXIMUM CAPACITY (GPM) _____ (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) _____

(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER (See instructions for choices) INDUSTRIAL / PUBLIC

(36) DATE DRILLING WORK STARTED 8/8/08 (37) DATE DRILLING WORK COMPLETED 8/11/08

(38) DATE REPORT FILED 8/13/08 (39) REGISTERED COMPANY BOYD ARTESIAN WELLS, INC. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY H. BOYD (42) CERTIFIED DRILLER SIGNATURE _____



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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(1) COUNTY Orange
(2) TOWN Forestburgh

(3) DEC Well Number
03881

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND

(5) ADDRESS 10100 NORTH CENTRAL EXPRESSWAY, DALLAS, TX 75230

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
Show Lat/Long if available and method used: WELL P23 DOUBLE DIAMOND PROPERTY FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 1005

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 6 in. | @ 19 1/2 in. | _____ in. | _____ in.

(10) LENGTH 60 ft. | _____ ft. | _____ ft. | _____ in.

(11) GROUT TYPE / SEALING CEMENT

(12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

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) _____

YIELD TEST

(18) DATE 9/18/08

(19) DURATION OF TEST 2

(20) LIFT METHOD Pump Air Lift Ball

(21) STABILIZED DISCHARGE (GPM) 60

(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) NONE

(25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____

(27) DATE _____

(28) PUMP INSTALLER _____

(29) TYPE _____

(30) MAKE _____

(31) MODEL _____

(32) MAXIMUM CAPACITY (GPM) _____

(33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) _____

(34) METHOD OF DRILLING Rotary Cable Tool Other _____

(35) USE OF WATER (See instructions for choices) IRRIGATION - PUBLIC

(36) DATE DRILLING WORK STARTED 9/17/08

(37) DATE DRILLING WORK COMPLETED 9/18/08

(38) DATE REPORT FILED 10/7/08

(39) REGISTERED COMPANY BOYD ARTESIAN WELL CO., LLC

(40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) Henry M. Boyd

(42) CERTIFIED DRILLER SIGNATURE _____

(43) LOG

Depth to Bedrock _____ (ft. below ground surface)

Ground Elev. _____ (ft. above S.L.)

Top of Casing +1 (ft. above (+) or below (-) ground surface)

TOP OF WELL

12' FILL

300'

320' ROCK WITH ROCK WITH 30 GPM

380' ROCK

420' ROCK WITH 30 GPM

1005' ROCK

BOTTOM OF HOLE

I hereby affirm that: (1) I am certified to supervise water well-drilling activities as

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(3) DEC Well Number

SV 3084

(1) COUNTY GULLIVAN
(2) TOWN FORESTBURGH

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND COMPANIES

(5) ADDRESS 75231
10100 NORTH CENTRAL EXPANDED HWY SUITE 600, DALLAS, TX

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
Show Lat/Long if available and method used: WELL P - DOUBLE DIAMOND PROPERTY
FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 1005'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 6' @ 19 1/2" in. in. | in. | in.

(10) LENGTH 51 ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT

(12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

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) _____

YIELD TEST

(18) DATE 9/23/08

(19) DURATION OF TEST 2

(20) LIFT METHOD Pump Air Lift Bail (21) STABILIZED DISCHARGE (GPM) 20

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE _____ (28) PUMP INSTALLER _____

(29) TYPE _____ (30) MAKE _____ (31) MODEL _____

(32) MAXIMUM CAPACITY (GPM) _____ (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) _____

(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER (See Instructions for choices) IRRIGATION PUBLIC

(36) DATE DRILLING WORK STARTED 9/19/08 (37) DATE DRILLING WORK COMPLETED 9/23/08

(38) DATE REPORT FILED 10/7/08 (39) REGISTERED COMPANY BOYD ARTESIAN WELL CO, INC. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE _____

(43) LOG

Depth to Bedrock _____ (ft. below ground surface)
Ground Elev. _____ (ft. above S.L.)
Top of Casing _____ (ft. above (+) or below (-) ground surface)

TOP OF WELL

10'

Boulders & FILL

GRAY ROCK

376'

376'

GRAY WITH SANDY BED

GRAY ROCK

1005'

BOTTOM OF HOLE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(3) DEC Well Number

SV3205

(1) COUNTY GULLIVAN

(2) TOWN FORESTBURGH

WATER WELL COMPLETION REPORT

(4) OWNER
TRIPLE DIAMOND PROPERTIES

(5) ADDRESS
10100 NORTH CENTRAL EXPRESSWAY SUITE 600, DALLAS, TX 75232

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
Show Lat/Long if available and method used: TRIPLE DIAMOND PROPERTY WELL CO, FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 695'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 6" @ 19# / ft in. | in. | in. | in.

(10) LENGTH 51 ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT

(12) GROUT / SEALING INTERVAL FROM _____ TO _____ (ftal)

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) _____

YIELD TEST

(18) DATE 9/29/08

(19) DURATION OF TEST 2

(20) LIFT METHOD Pump Air Lift Bore

(21) STABILIZED DISCHARGE (GPM) 100+

(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) N/A

(25) Was the water produced during the test discharged away from immediate area? Yes No

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____

(27) DATE _____ (28) PUMP INSTALLER _____

(29) TYPE _____ (30) MAKE _____ (31) MODEL _____

(32) MAXIMUM CAPACITY (GPM) _____ (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) _____

(34) METHOD OF DRILLING Rotary Cable Tool Other _____

(35) USE OF WATER (See Instructions for choices) IRRIGATION / PULSED

(36) DATE DRILLING WORK STARTED 9/26/08

(37) DATE DRILLING WORK COMPLETED 9/29/08

(38) DATE REPORT FILED 10/19/08 (39) REGISTERED COMPANY BOYD ARTESIAN WELL CO, INC.

(40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD

(42) CERTIFIED DRILLER SIGNATURE _____

(43) LOG

Depth to Bedrock _____ (ft. below ground surface)

Ground Elev. _____ (ft. above S.L.)

Top of Casing _____ (ft. above (+) or below (-) ground surface)

TOP OF WELL

17' SAND & COBBLES

325' GRAVEL WITH 15 GPM

695' GRAVEL WITH 100 GPM

ROCK

ROCK

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(1) COUNTY GULLIVAN
(2) TOWN FORESTBURGH

(3) DEC Well Number
GU 3206

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND COMPANIES

(5) ADDRESS 10100 N. CENTRAL EXPRESSWAY SUITE 100, DALLAS, TX

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
Show Lat/Long if available and method used: WELL ON DOUBLE DIAMOND PROPERTY FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 917' (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 8" @ 21 1/4" in. | in. | in. | in.

(10) LENGTH 50' ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

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) _____

TESTS

(18) DATE 10/7/08 (19) DURATION OF TEST 2

(20) LIFT METHOD Pump Air Lift Ball (21) STABILIZED DISCHARGE (GPM) 225

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE _____ (28) PUMP INSTALLER _____

(29) TYPE _____ (30) MAKE _____ (31) MODEL _____

(32) MAXIMUM CAPACITY (GPM) _____ (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) _____

(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER (See instructions for choices) REGULATION / PUBLIC

(36) DATE DRILLING WORK STARTED 10/3/08 (37) DATE DRILLING WORK COMPLETED 10/7/08

(38) DATE REPORT FILED 10/16/08 (39) REGISTERED COMPANY BOYDARTESIAN WELL CO., INC. (40) REC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE _____

(43) LOG

Depth to Bedrock _____ (ft. below ground surface)

Ground Elev. _____ (ft. above S.L.)

Top of Casing +1 (ft., above (+) or below (-) ground surface)

TOP OF WELL

15' SAND & GRAVEL

110' GRAY ROCK

116' GRAY ROCK WITH 15 GPM

116' BED ROCK

345' GRAY ROCK WITH 15 GPM

420' GRAY ROCK WITH 15 GPM

440' GRAY ROCK WITH 60 GPM

695' GRAY ROCK WITH 55 GPM

715' GRAY ROCK WITH 50 GPM

917' GRAY ROCK

BOTTOM OF HOLE

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(1) COUNTY SULLIVAN
(2) TOWN FORESTBURGH

(3) DEC Well Number
SV3204

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND PROPERTIES

(5) ADDRESS 75231
10100 NORTH CENTRAL EXPRESSWAY SUITE 600, DALLAS, TX
(Check here if same as address above, also provide Lat/Long below)

(6) LOCATION OF WELL (See Instructions On Reverse)
Show Lat/Long if available and method used: WELL O, DOUBLE DIAMOND PROPERTY FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 1005 (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 6 in. | 2 1/4 in. | _____ in. | _____ in.

(10) LENGTH _____ ft. | _____ ft. | _____ ft. | _____ in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL FROM _____ TO _____

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) _____

YIELD TEST

(18) DATE 10/20/08 (19) DURATION OF TEST 4

(20) LIFT METHOD Pump Air Lift Ball (21) STABILIZED DISCHARGE (GPM) 30

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE _____ (28) PUMP INSTALLER _____

(29) TYPE _____ (30) MAKE _____ (31) MODEL _____

(32) MAXIMUM CAPACITY (GPM) _____ (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) 750

(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER IRRIGATION - PUBLIC
(See instructions for choices)

(36) DATE DRILLING WORK STARTED 10/17/08 (37) DATE DRILLING WORK COMPLETED 10/20/08

(38) DATE REPORT FILED 11/6/08 (39) REGISTERED COMPANY BOYD ARTESIAN WELL CO INC (40) DEC REGISTRATION NO. NYRD 01699

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE _____

(43) LOG

Depth to Bedrock _____ (ft. below ground surface)

Ground Elev. _____ (ft. above S.L.)

Top of Casing +1 (ft., above (+) or below (-) ground surface)

TOP OF WELL

13' BOLDER'S BEDROCK 110' CK

140' GRAY ROCK
REG GRT FROM 3 GPM

750' GRAY ROCK

850' 9 GPM
12 GPM
GRT ROCK

1005' 15 GPM
GRAY ROCK

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

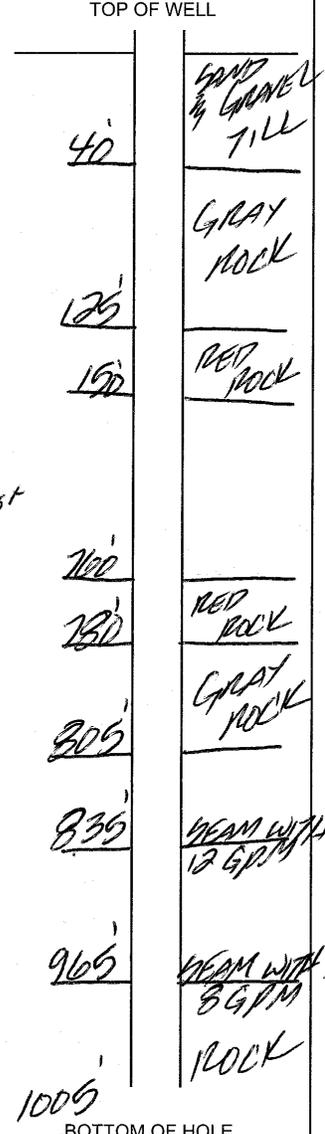
(1) COUNTY GULLIVAN
 (2) TOWN FORESTBURGH



(3) DEC Well Number
GV 3468

WATER WELL COMPLETION REPORT

(4) OWNER <u>DOUBLE DIAMOND COMP.</u>		(43) LOG	
(5) ADDRESS <u>10100 North Central Expressway Suite 600 Dallas TX 75231</u>		Depth to Bedrock <u>40</u> (ft. below ground surface)	
(6) LOCATION OF WELL (See Instructions On Reverse) (Check here <input type="checkbox"/> if same as address above, also provide Lat / Long below) Show Lat/Long if available and method used: <u>WELL EE, DOUBLE DIAMOND PROPERTY FORESTBURGH</u>		Ground Elev. _____ (ft. above S.L.)	
<input type="checkbox"/> GPS <input type="checkbox"/> Map Interpolation		Top of Casing <u>+1</u> (ft., above (+) or below (-) ground surface)	
(7) DEPTH OF WELL BELOW LAND SURFACE (feet) <u>1005</u>	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet)	DATE MEASURED	
CASINGS			
(9) DIAMETER <u>6 in. @ 19 1/2 FT</u> in. in. in. in.			
(10) LENGTH <u>51</u> ft. ft. ft. in.			
(11) GROUT TYPE / SEALING <u>CEMENT</u>		(12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____	
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)			
YIELD TEST			
(18) DATE <u>12/16/09</u>		(19) DURATION OF TEST <u>2 HR - 15 MIN</u>	
(20) LIFT METHOD <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift <input type="checkbox"/> Bail		(21) STABILIZED DISCHARGE (GPM) <u>20</u>	
(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)		(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) <u>200</u>	
(24) RECOVERY (Time in hours/minutes) <u>NONE</u>		(25) Was the water produced during the test discharged away from immediate area? Yes <input checked="" type="checkbox"/> No _____	
PUMP INSTALLATION			
(26) PUMP INSTALLED? YES _____ NO _____		(27) DATE	(28) PUMP INSTALLER
(29) TYPE		(30) MAKE	(31) MODEL
(32) MAXIMUM CAPACITY (GPM)		(33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) <u>835</u>	
(34) METHOD OF DRILLING <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____		(35) USE OF WATER (See instructions for choices) <u>IRRIGATION</u>	
(36) DATE DRILLING WORK STARTED <u>12/16/09</u>		(37) DATE DRILLING WORK COMPLETED <u>1/6/10</u>	
(38) DATE REPORT FILED <u>1/27/10</u>	(39) REGISTERED COMPANY <u>BOYD ARTHUR WEL CO.</u>	(40) DEC REGISTRATION NO. <u>NYRD 01695</u>	
(41) CERTIFIED DRILLER (Print name) <u>HENRY M. BOYD</u>		(42) CERTIFIED DRILLER SIGNATURE * <u>[Signature]</u>	
* 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 §210.45.		BOTTOM OF HOLE	
		NYSDEC COPY	



LOCATION SKETCH - Indicate north



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(1) COUNTY GULLIVAN
 (2) TOWN FORESTBURGH

(3) DEC Well Number
GV 3469

WATER WELL COMPLETION REPORT

(4) OWNER <u>DOUBLE DIAMOND COMPANY</u>		(43) LOG
(5) ADDRESS <u>10100 N. CENTRAL EXPRESSWAY SUITE 600, DALLAS, TX 75231</u>		Depth to Bedrock <u>15</u> (ft. below ground surface)
(6) LOCATION OF WELL (See Instructions On Reverse) (Check Here <input type="checkbox"/> if same as address above, also provide Lat / Long below) Show Lat/Long if available and method used: <u>DOUBLE DIAMOND PROPERTY, WELL #1</u> <u>FORESTBURGH</u>		Ground Elev. _____ (ft. above S.L.) Top of Casing <u>+1</u> (ft., above (+) or below (-) ground surface)
(7) DEPTH OF WELL BELOW LAND SURFACE (feet) <u>805'</u>	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet)	DATE MEASURED
CASINGS		
(9) DIAMETER <u>6 in.</u> <u>2 1/4 in.</u> in. in. in.	15' SAND & GRAVEL FILL ROCK 175' GRAM WITH 6 GPM ROCK 460' GRAM WITH 6 GPM ROCK 700' GRAM WITH 63 GPM ROCK 805' BOTTOM OF HOLE	
(10) LENGTH <u>51</u> ft. ft. ft. in.		
(11) GROUT TYPE / SEALING <u>CEMENT</u>	(12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____	
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)		
YIELD TEST		
(18) DATE <u>1/9/10</u>	(19) DURATION OF TEST <u>2 HR AIR TEST</u>	
(20) LIFT METHOD <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift <input type="checkbox"/> Bail	(21) STABILIZED DISCHARGE (GPM) <u>70</u>	
(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) <u>NONE</u>	(25) Was the water produced during the test discharged away from immediate area? Yes <input checked="" type="checkbox"/> No _____	
PUMP INSTALLATION		
(26) PUMP INSTALLED? YES _____ NO _____	(27) DATE	(28) PUMP INSTALLER
(29) TYPE	(30) MAKE	(31) MODEL
(32) MAXIMUM CAPACITY (GPM)	(33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet)	
(34) METHOD OF DRILLING <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____	(35) USE OF WATER (See instructions for choices) <u>IRRIGATION</u>	
(36) DATE DRILLING WORK STARTED <u>1/4/10</u>	(37) DATE DRILLING WORK COMPLETED <u>1/9/10</u>	
(38) DATE REPORT FILED <u>1/22/10</u>	(39) REGISTERED COMPANY <u>BOYD ARTERIAN WELL CO.</u>	(40) DEC REGISTRATION NO. <u>NYRD 01695</u>
(41) CERTIFIED DRILLER (Print name) <u>HENRY M. BOYD</u>	(42) CERTIFIED DRILLER SIGNATURE <u>[Signature]</u>	
* 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 §210.45.		

LOCATION SKETCH - Indicate north

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(1) COUNTY Gullivan
 (2) TOWN Forestburgh

(3) DEC Well Number
GV 3471

WATER WELL COMPLETION REPORT

(4) OWNER
DOUBLE DIAMOND COMPANY

(5) ADDRESS
10100 N. CENTRAL EXPRESSWAY, SUITE 600, DALLAS, TX 75231

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
 Show Lat/Long if available and method used: WELL JT, DOUBLE DIAMOND PROPERTIES, FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 765' (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) 4' DATE MEASURED _____

CASINGS

(9) DIAMETER 6 in. @ 194 FT in. | in. | in. | in.

(10) LENGTH 91 ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

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)

YIELD TEST

(18) DATE 1/15/10 (19) DURATION OF TEST 2 HR AIR TEST

(20) LIFT METHOD Pump Air Lift Bail (21) STABILIZED DISCHARGE (GPM) 60+

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE (28) PUMP INSTALLER

(29) TYPE (30) MAKE (31) MODEL

(32) MAXIMUM CAPACITY (GPM) (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet)

(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER (See instructions for choices) IRRIGATION

(36) DATE DRILLING WORK STARTED 1/14/10 (37) DATE DRILLING WORK COMPLETED 1/15/10

(38) DATE REPORT FILED 1/22/10 (39) REGISTERED COMPANY BOYD AGRICULTURAL WELL CO. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE * [Signature]

* 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 §210.45.

(43) LOG

Depth to Bedrock 40 (ft. below ground surface)

Ground Elev. _____ (ft. above S.L.)

Top of Casing +1 (ft. above (+) or below (-) ground surface)

TOP OF WELL

40' SAND GRAVEL BOLDERS

ROCK

692' SAND WITH 60+ GPM

ROCK

765' BOTTOM OF HOLE

NYSDEC COPY

LOCATION SKETCH - Indicate north



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) COUNTY GULLIVAN
 (2) TOWN FORESTBURGH



(3) DEC Well Number
GV 3470

WATER WELL COMPLETION REPORT

(4) OWNER <u>DOUBLE DIAMOND COMP</u>		
(5) ADDRESS <u>10100 NORTH CENTRAL EXPRESSWAY SUITE 600, DALLAS, TX 75231</u>		
(6) LOCATION OF WELL (See Instructions On Reverse) (Check here <input type="checkbox"/> if same as address above, also provide Lat / Long below) Show Lat/Long if available and method used: <input type="checkbox"/> GPS <input type="checkbox"/> Map Interpolation <u>DOUBLE DIAMOND PROPERTY WELL II FORESTBURGH</u>		
(7) DEPTH OF WELL BELOW LAND SURFACE (feet) <u>1205'</u>	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet)	DATE MEASURED
CASINGS		
(9) DIAMETER <u>6" @ 19 1/2' FT</u> in. in. in.		
(10) LENGTH <u>51</u> ft. ft. in.		
(11) GROUT TYPE / SEALING <u>CEMENT</u>	(12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____	
SCREENS		
(13) MAKE & MATERIAL	(14) OPENINGS	
(15) DIAMETER in. in. in.	(16) LENGTH ft. ft. in.	
(17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feet)		
YIELD TEST		
(18) DATE <u>2/3/10</u>	(19) DURATION OF TEST	
(20) LIFT METHOD <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift <input type="checkbox"/> Bail	(21) STABILIZED DISCHARGE (GPM) <u>4</u>	
(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) <u>NONE</u>	(25) Was the water produced during the test discharged away from immediate area? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
PUMP INSTALLATION		
(26) PUMP INSTALLED? YES _____ NO _____	(27) DATE	(28) PUMP INSTALLER
(29) TYPE	(30) MAKE	(31) MODEL
(32) MAXIMUM CAPACITY (GPM)	(33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet)	
(34) METHOD OF DRILLING <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other _____	(35) USE OF WATER (See instructions for choices) <u>IRRIGATION</u>	
(36) DATE DRILLING WORK STARTED <u>2/3/10</u>	(37) DATE DRILLING WORK COMPLETED <u>2/3/10</u>	
(38) DATE REPORT FILED <u>3/22/10</u>	(39) REGISTERED COMPANY <u>BOYD ARTESIAN WELL CO, INC.</u>	(40) DEC REGISTRATION NO. <u>NYRD 01695</u>
(41) CERTIFIED DRILLER (Print name) <u>HENRY M. BOYD</u>	(42) CERTIFIED DRILLER SIGNATURE *	

(43) LOG	
Depth to Bedrock _____ (ft. below ground surface)	
Ground Elev. _____ (ft. above S.L.)	
Top of Casing <u>+1</u> (ft., above (+) or below (-) ground surface)	
TOP OF WELL	
11'	SAND & GRAVEL TILL
153'	GRAY ROCK
158'	RED ROCK SAND W/4 GPM
630'	GRAY ROCK
637'	RED ROCK
1205'	GRAY ROCK (WATER)
BOTTOM OF HOLE	

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NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



(1) COUNTY GULLIVAN
 (2) TOWN FORESTBURGH

(3) DEC Well Number
GV 3474

WATER WELL COMPLETION REPORT

(4) OWNER
DOUBLE DIAMOND COMP.

(5) ADDRESS
10100 NORTH CENTRAL EXPRESSWAY, DALLAS, TX 75231

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
 Show Lat/Long if available and method used: WELL N, DOUBLE DIAMOND PROPERTIES FORESTBURGH

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 1080' (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) _____ DATE MEASURED _____

CASINGS

(9) DIAMETER 7' in. | in. | in. | in.
 (10) LENGTH 60 ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

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) _____

YIELD TEST

(18) DATE 3/2/10 (19) DURATION OF TEST _____
 (20) LIFT METHOD Pump Air Lift Bail (21) STABILIZED DISCHARGE (GPM) 15+
 (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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE _____ (28) PUMP INSTALLER _____
 (29) TYPE _____ (30) MAKE _____ (31) MODEL _____
 (32) MAXIMUM CAPACITY (GPM) _____ (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) _____

(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER (See instructions for choices) IRRIGATION/TEST
 (36) DATE DRILLING WORK STARTED 3/2/10 (37) DATE DRILLING WORK COMPLETED 3/2/10
 (38) DATE REPORT FILED 3/24/10 (39) REGISTERED COMPANY BOYD ANTENNA WELL CO. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE * _____

(43) LOG

Depth to Bedrock _____ (ft. below ground surface)
 Ground Elev. _____ (ft. above S.L.)
 Top of Casing +1 (ft., above (+) or below (-) ground surface)

TOP OF WELL

21' GRAND GRAY ROCK
85' GRAY ROCK W/ 17 GPM

1080' GRAY ROCK

BOTTOM OF HOLE

NYSDEC COPY

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) COUNTY GULLIVAN
 (2) TOWN FORESTBURGH



(3) DEC Well Number
GV 3472

WATER WELL COMPLETION REPORT

(4) OWNER
DOUBLE DIAMOND CAMP

(5) ADDRESS
10100 NORTH CENTRAL EXPANWAY DALLAS TX 75231

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below)
 Show Lat/Long if available and method used: DOUBLE DIAMOND PROPERTY WELL C FORESTBURGH
 GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 1105' (8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet) DATE MEASURED

CASINGS

(9) DIAMETER 6 in. | 8 in. | in. | in.

(10) LENGTH 61 ft. | 34 ft. | ft. | in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL (feet) FROM TO

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)

YIELD TEST

(18) DATE 3/18/10 (19) DURATION OF TEST

(20) LIFT METHOD Pump Air Lift Bail (21) STABILIZED DISCHARGE (GPM) 1

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No

PUMP INSTALLATION

(26) PUMP INSTALLED? YES NO (27) DATE (28) PUMP INSTALLER

(29) TYPE (30) MAKE (31) MODEL

(32) MAXIMUM CAPACITY (GPM) (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet)

(34) METHOD OF DRILLING Rotary Cable Tool Other (35) USE OF WATER (See instructions for choices) IRRIGATION

(36) DATE DRILLING WORK STARTED 3/16/10 (37) DATE DRILLING WORK COMPLETED 3/18/10

(38) DATE REPORT FILED 3/29/10 (39) REGISTERED COMPANY BOYD AGRICULTURAL WELL CO. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) HENRY M. BOYD (42) CERTIFIED DRILLER SIGNATURE *

(43) LOG
 Depth to Bedrock _____ (ft. below ground surface)
 Ground Elev. _____ (ft. above S.L.)
 Top of Casing +1 (ft., above (+) or below (-) ground surface)

TOP OF WELL

34' SAND & GRAVEL (WET)

125' GRAY ROCK

130' RED ROCK

780' GRAY ROCK

1105' CREAM WITH 1 GPM GRAY ROCK

BOTTOM OF HOLE

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NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) COUNTY GULLIVAN

(2) TOWN FORESTBURGH

(3) DEC Well Number

GV 3473

WATER WELL COMPLETION REPORT

(4) OWNER DOUBLE DIAMOND COMPANY

(43) LOG

(5) ADDRESS 10100 N. CENTRAL EXPRESSWAY SUITE 600, DALLAS, TX 75231

Depth to Bedrock 19 (ft. below ground surface)

(6) LOCATION OF WELL (See Instructions On Reverse) (Check here if same as address above, also provide Lat / Long below) Show Lat/Long if available and method used: WELL M DOUBLE DIAMOND PROPERTY FORESTBURGH

Ground Elev. _____ (ft. above S.L.)

Top of Casing +1 (ft., above (+) or below (-) ground surface)

GPS Map Interpolation

(7) DEPTH OF WELL BELOW LAND SURFACE (feet) 955'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (feet)

DATE MEASURED

TOP OF WELL

CASINGS

(9) DIAMETER 6 in. | 8 in. | _____ in. | _____ in.

19'

HARD & CORROSE

(10) LENGTH 51 ft. | 19 ft. | _____ ft. | _____ in.

(11) GROUT TYPE / SEALING CEMENT (12) GROUT / SEALING INTERVAL (feet) FROM _____ TO _____

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)

GRAY ROCK (HARD)

YIELD TEST

(18) DATE 4/19/10 (19) DURATION OF TEST

(20) LIFT METHOD Pump Air Lift Bail (21) STABILIZED DISCHARGE (GPM) 19gpm

(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) NONE (25) Was the water produced during the test discharged away from immediate area? Yes No _____

PUMP INSTALLATION

(26) PUMP INSTALLED? YES _____ NO _____ (27) DATE (28) PUMP INSTALLER

(29) TYPE (30) MAKE (31) MODEL

(32) MAXIMUM CAPACITY (GPM) (33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet)

600
750
755

600
19 GPM
RED ROCK
HARD GRAY ROCK

(34) METHOD OF DRILLING Rotary Cable Tool Other _____ (35) USE OF WATER (See instructions for choices) IRRIGATION/AGRI

(36) DATE DRILLING WORK STARTED 4/15/10 (37) DATE DRILLING WORK COMPLETED 4/19/10

(38) DATE REPORT FILED 4/20/10 (39) REGISTERED COMPANY BOYD PATRICK WELLS CO. (40) DEC REGISTRATION NO. NYRD 01695

(41) CERTIFIED DRILLER (Print name) Henry M. Boyd (42) CERTIFIED DRILLER SIGNATURE * [Signature]

955'
BOTTOM OF HOLE

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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 **October 28, 2009**. You may also fax the information to (845) 265-4418 or email it to me at mfisher@timmillerassociates.com. 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: mfisher@timmillerassociates.com

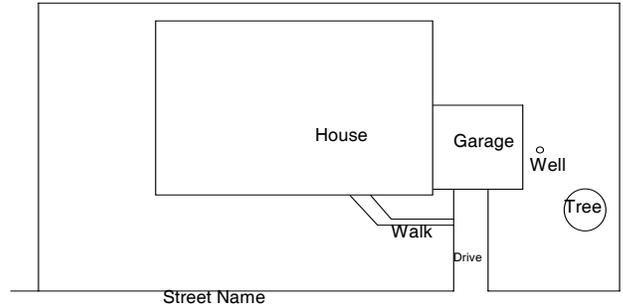
Lost Lake Resort Property

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.

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.



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

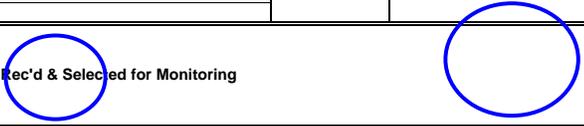
Cloudiness

Taste

Chemical

Additional Comments:

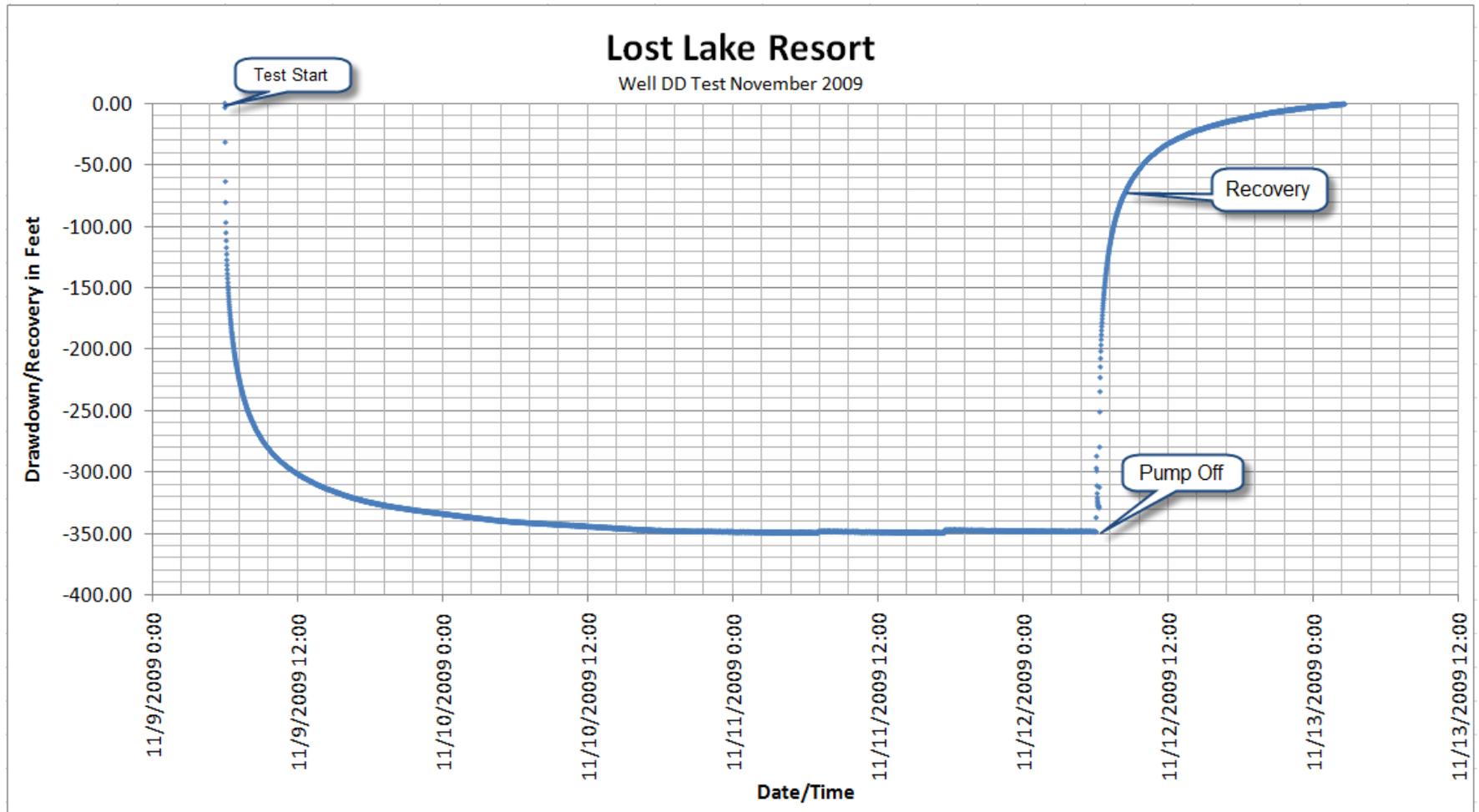
Property Owners w/Wells within 1,500 feet of the Test Wells

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

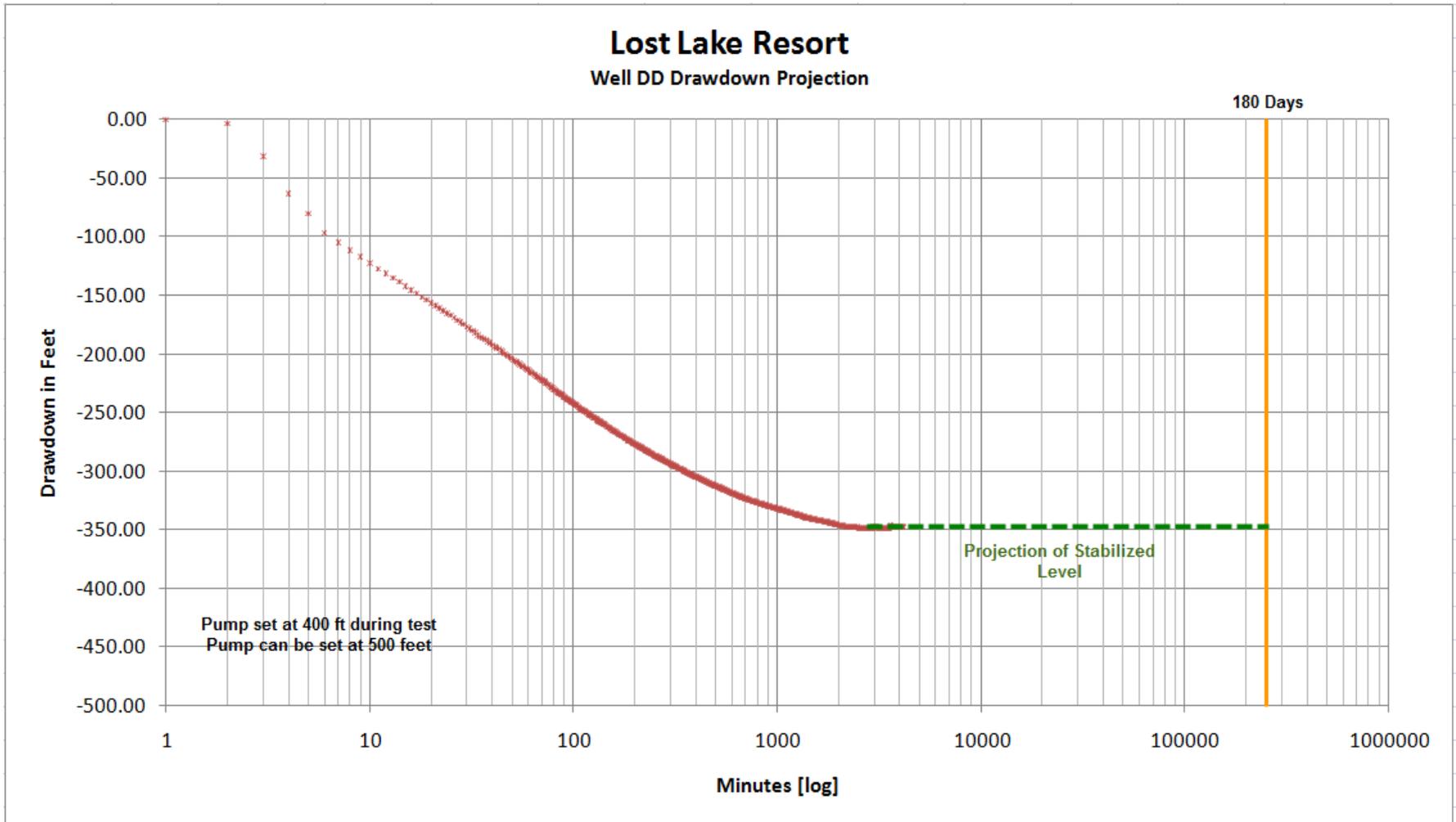
Property Owners w/Wells within 1,500 feet of the Test Wells

Map #	Recipient Mailing Address	Physical Address	Response	Comments
1	8.-1-1.2 & 8.-1-1.15	Same	No	Left message 10/28/09. He called back on 10/29/09. Wanted John Grohol to call him directly to discuss options.
	Gilman Depot, LLC & Gilman Mercantile LLC	845-794-7878		
	Stuart Salenger			
	1291 Cold Spring Road Forestburgh, New York 12777			
2	4.-1-6	County Road 101 or Cold Spring Road	NO	No house on lot.
	Jill A. Farrow	Forestburgh, New York		
	36 Benton Avenue	845-794-0607		
	Monticello, New York 12701			
3	8.-1-1.3	County Road 101 or Cold Spring Road		
	Ann Torres	Forestburgh, New York		
	495 Long Ridge Road			
	Bedford, New York 10506			
4	8.-1-1.4	County Road 101 or Cold Spring Road		
	William and O'Kellon McCrery	Forestburgh, New York		
	120-35 219th Street			
	Cambria Heights, New York 11411			
5	8.-1-1.5	County Road 101 or Cold Spring Road		
	William McCrery	Forestburgh, New York		
	120-35 219th Street			
	Cambria Heights, New York 11411			
6	8.-1-1.6	County Road 101 or Cold Spring Road		
	Dominick and Carmel Dicapua	Forestburgh, New York		
	58 E. Dover Street	House on Property		
	Valley Stream, New York 11580			
7	8.-1-1.7	County Road 101 or Cold Spring Road		No answer, 10/28/09.
	Earl J. Speirs	Forestburgh, New York		
	P.O. Box 211	House on Property		
	Hallandale, Florida 33008	954-458-4797		
8	8.-1-1.8	Same - House on Property		Kept ringing 10/28/09. Left message on 10/29/09. Dropped off letter in person on 10/29/09.
	Richard and Kathleen Feller	845-794-3840		
	1506 Cold Spring Road			
	Forestburgh, New York 12777			
9	8.-1-1.9	1516 Cold Spring Road	NO	Left message 10/28/09. Dropped off letter in person on 10/29/09. Received response back on 10/30/09.
	Michael Stawarz and Laura Heinsohn	Forestburgh, New York		
	P.O. Box 148	House on Property		
	Forestburgh, New York 12777	845-794-2724		
10	8.-1-1.10	County Road 101 or Cold Spring Road		Left message 10/28/09. Dropped off letter in person on 10/29/09.
	Edward and Helen M. Pajak, Jr.	Forestburgh, New York		
	1532 Cold Spring Road	House on Property		
	Forestburgh, New York 12777	845-791-9565		
Symbol KEY:	Yes Response Rec'd & Selected for Monitoring			

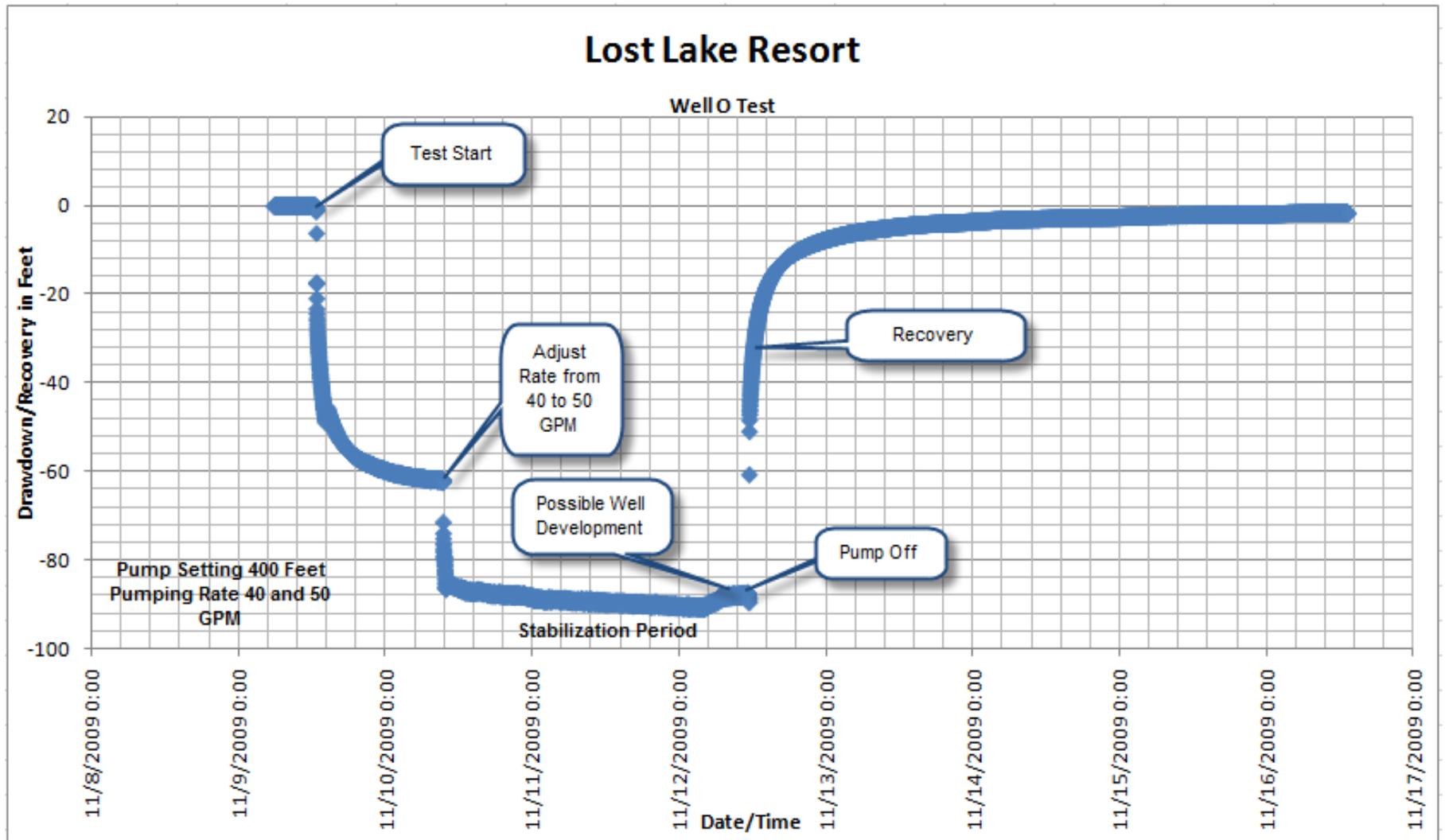
Attachment C
Pumping Test Data Graphs

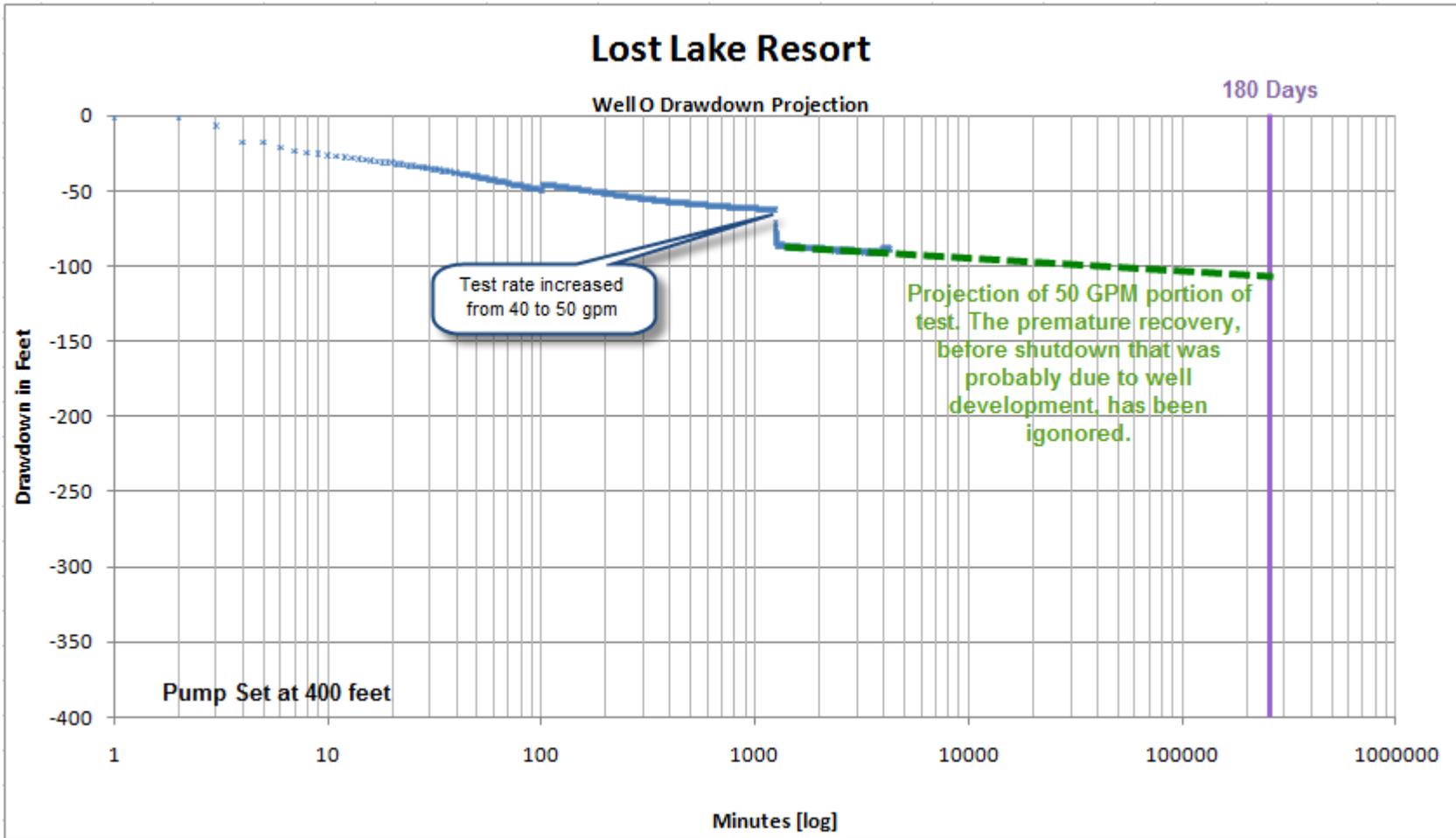


Graph 1, Well DD Test

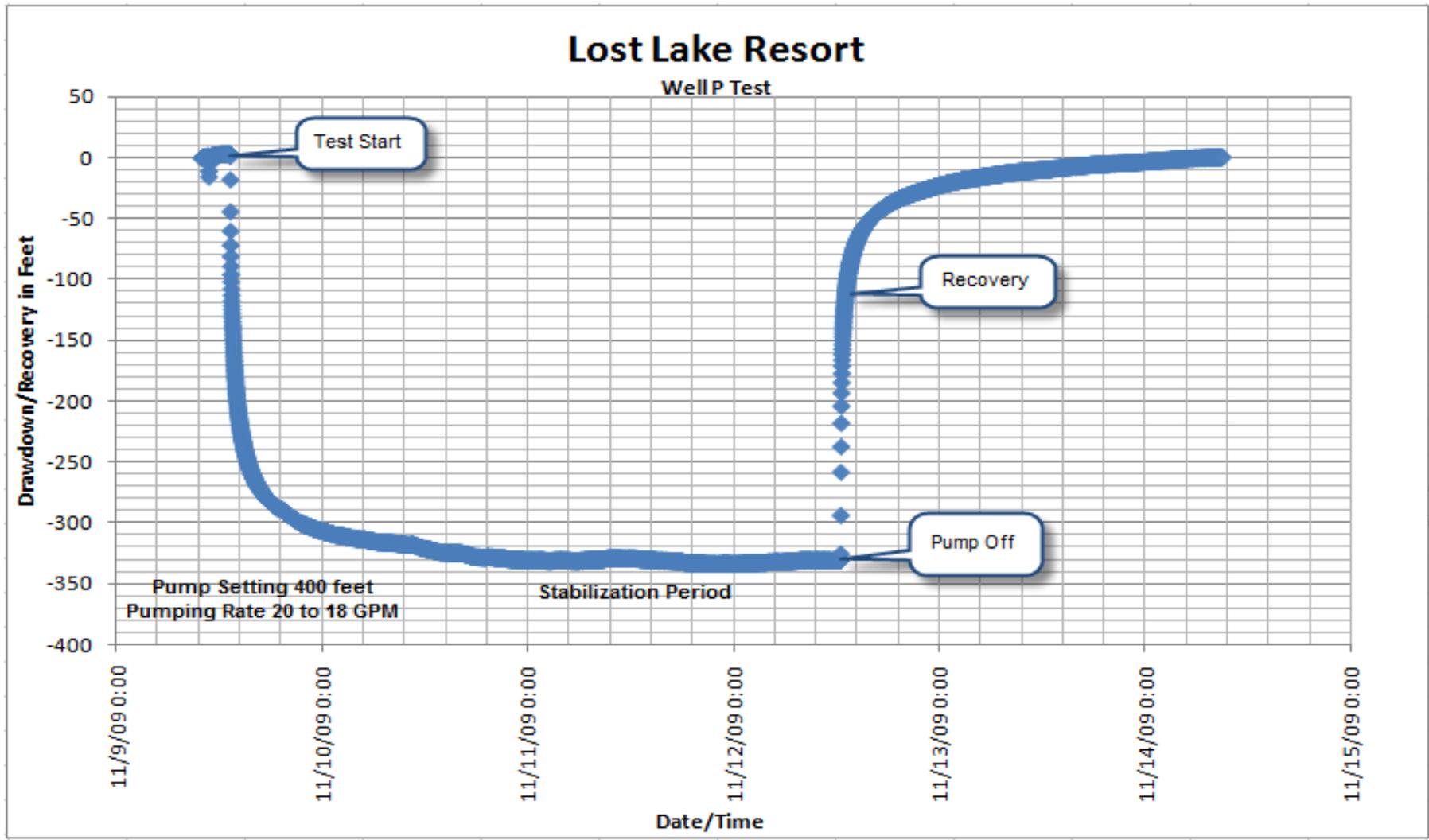


Graph 2, Well DD 180 Day Projection

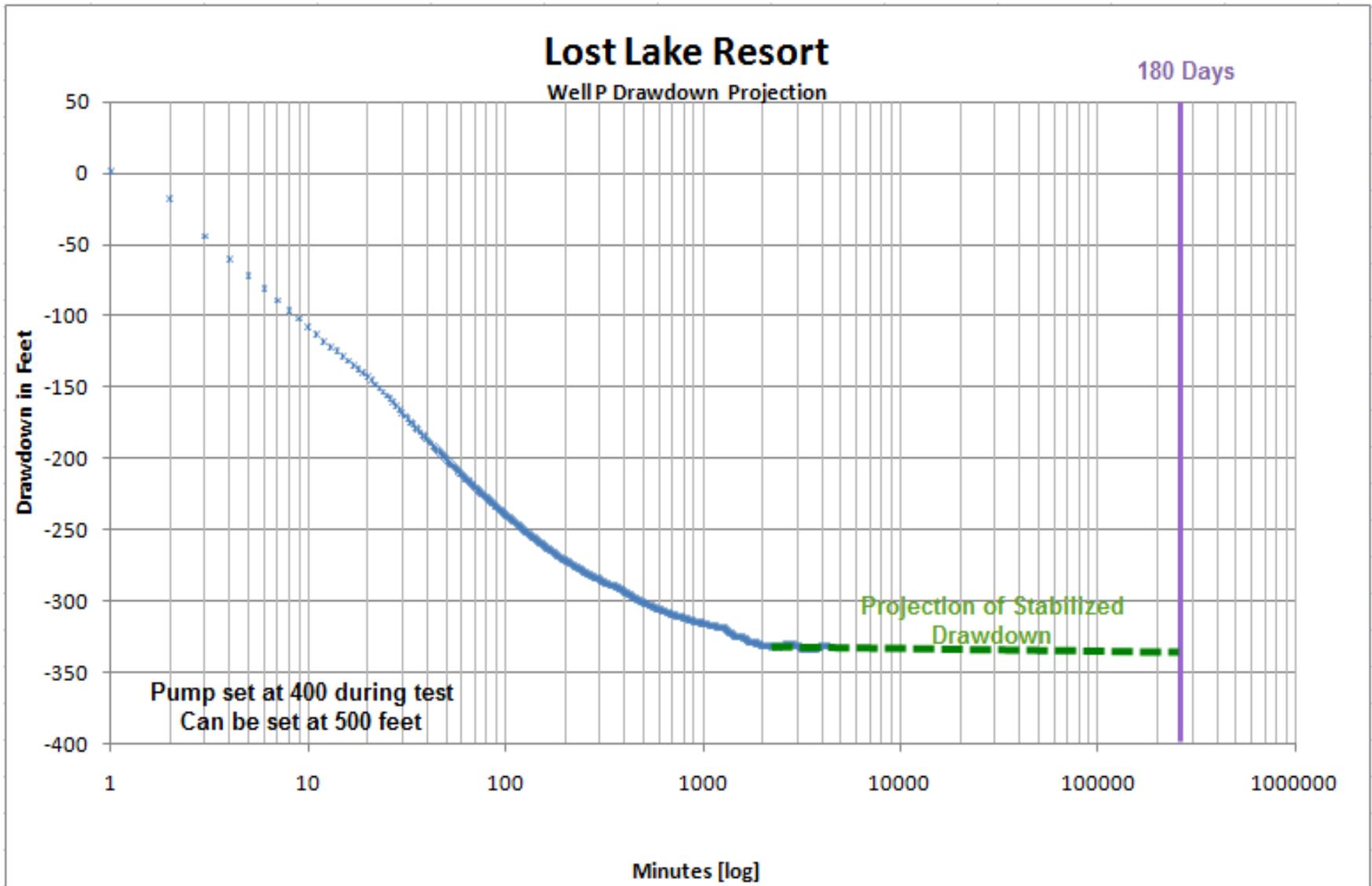




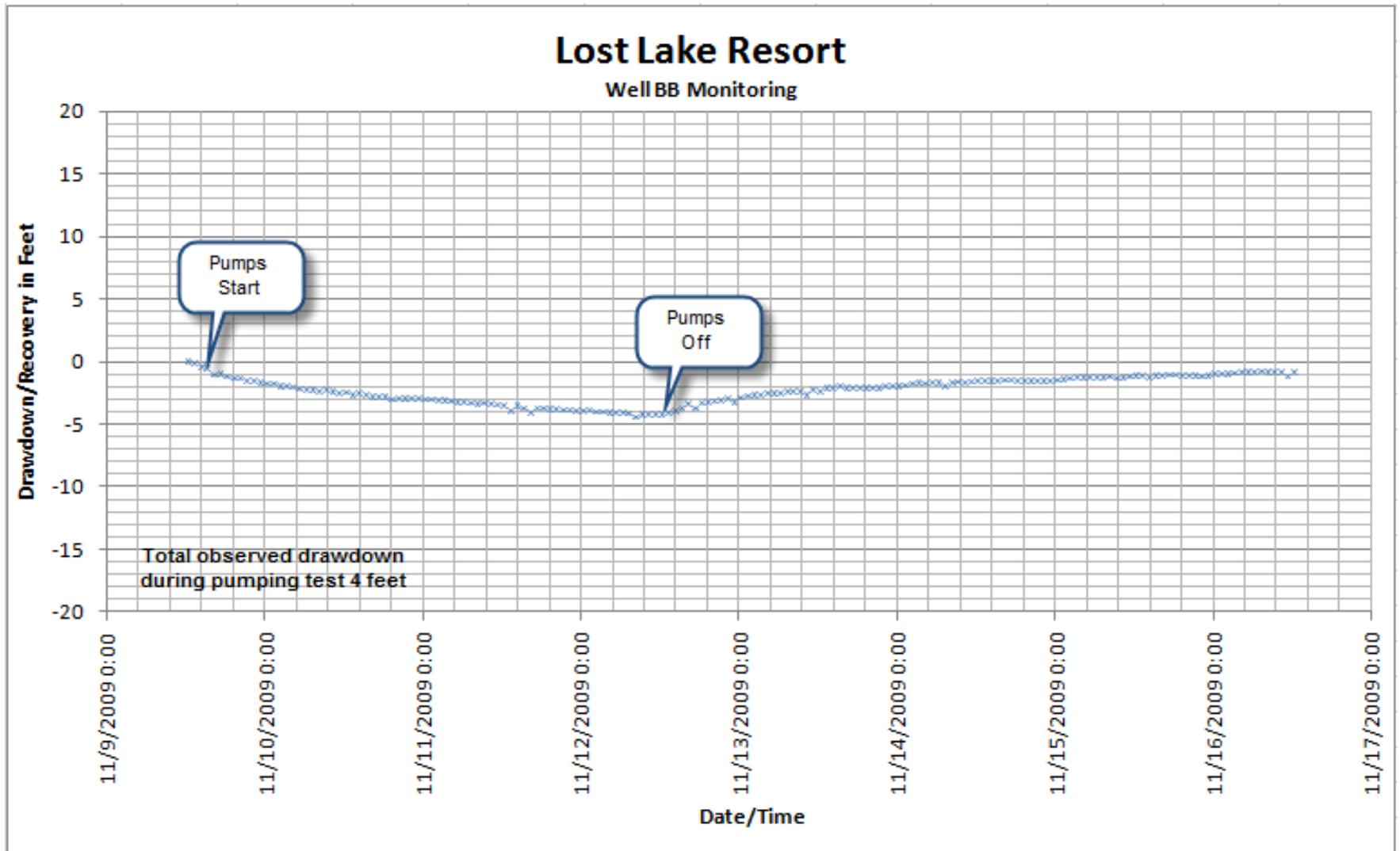
Graph 4, Well O 180 day Projection



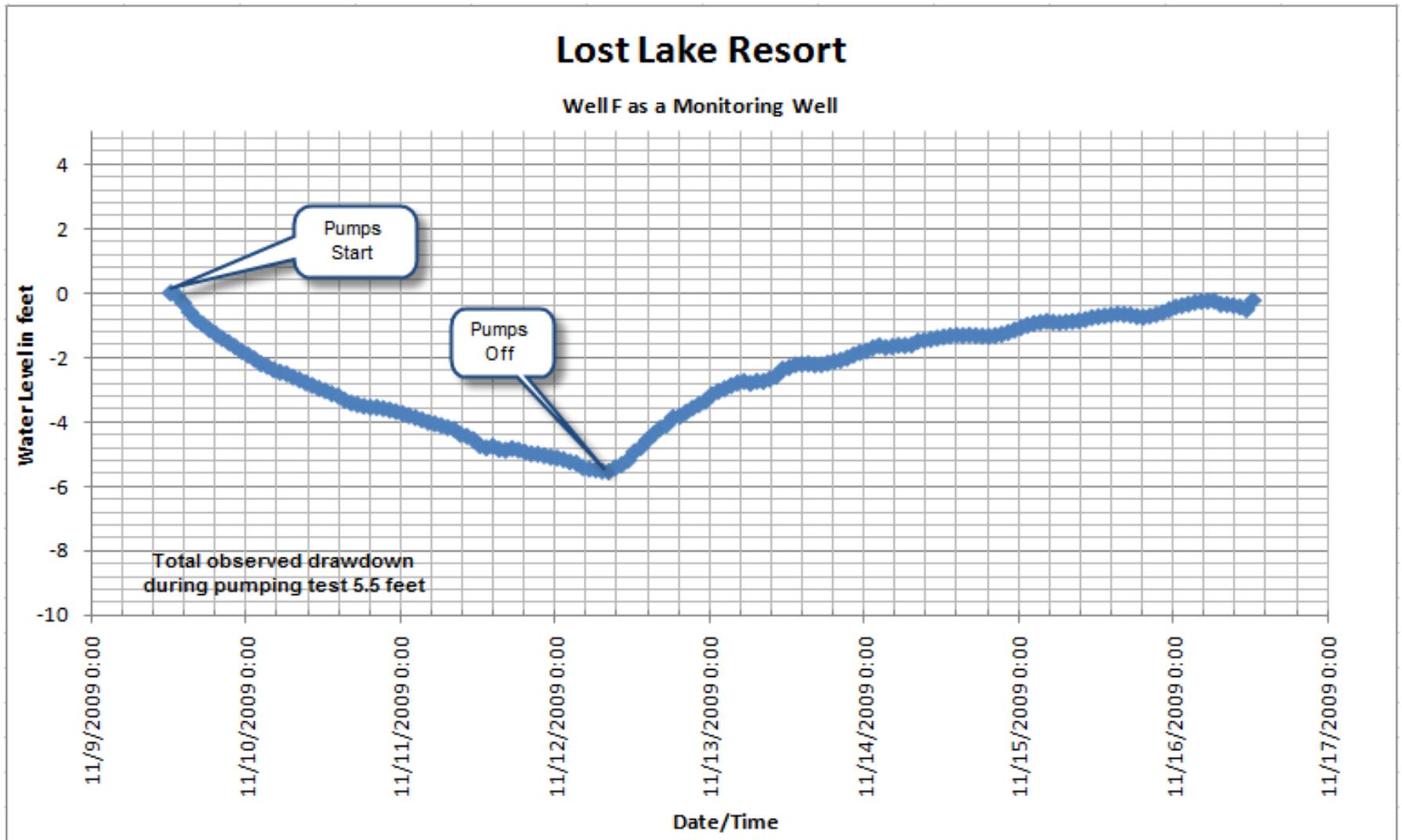
Graph 5, Well P Test



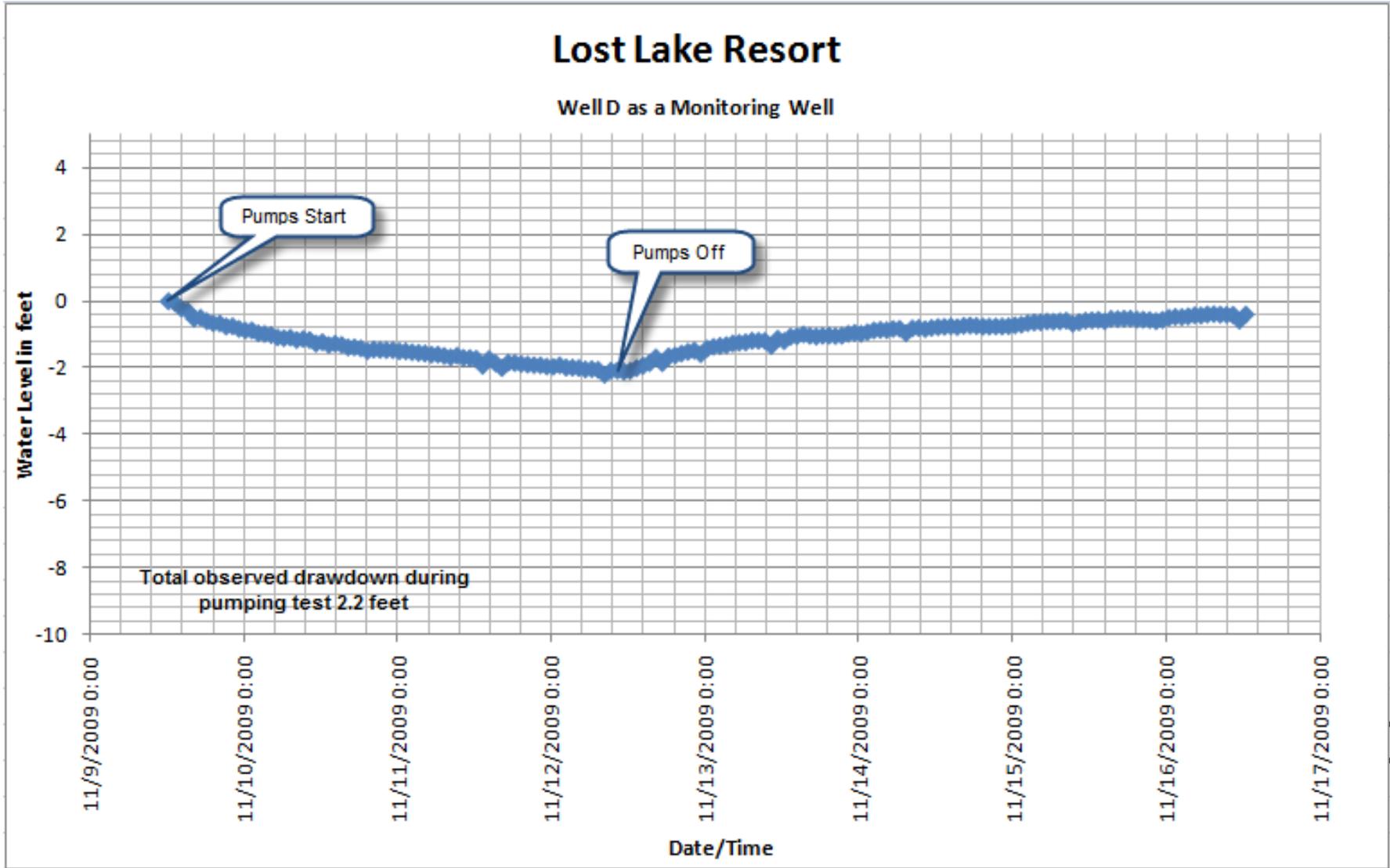
Graph 6, Well P 180 Day Projection



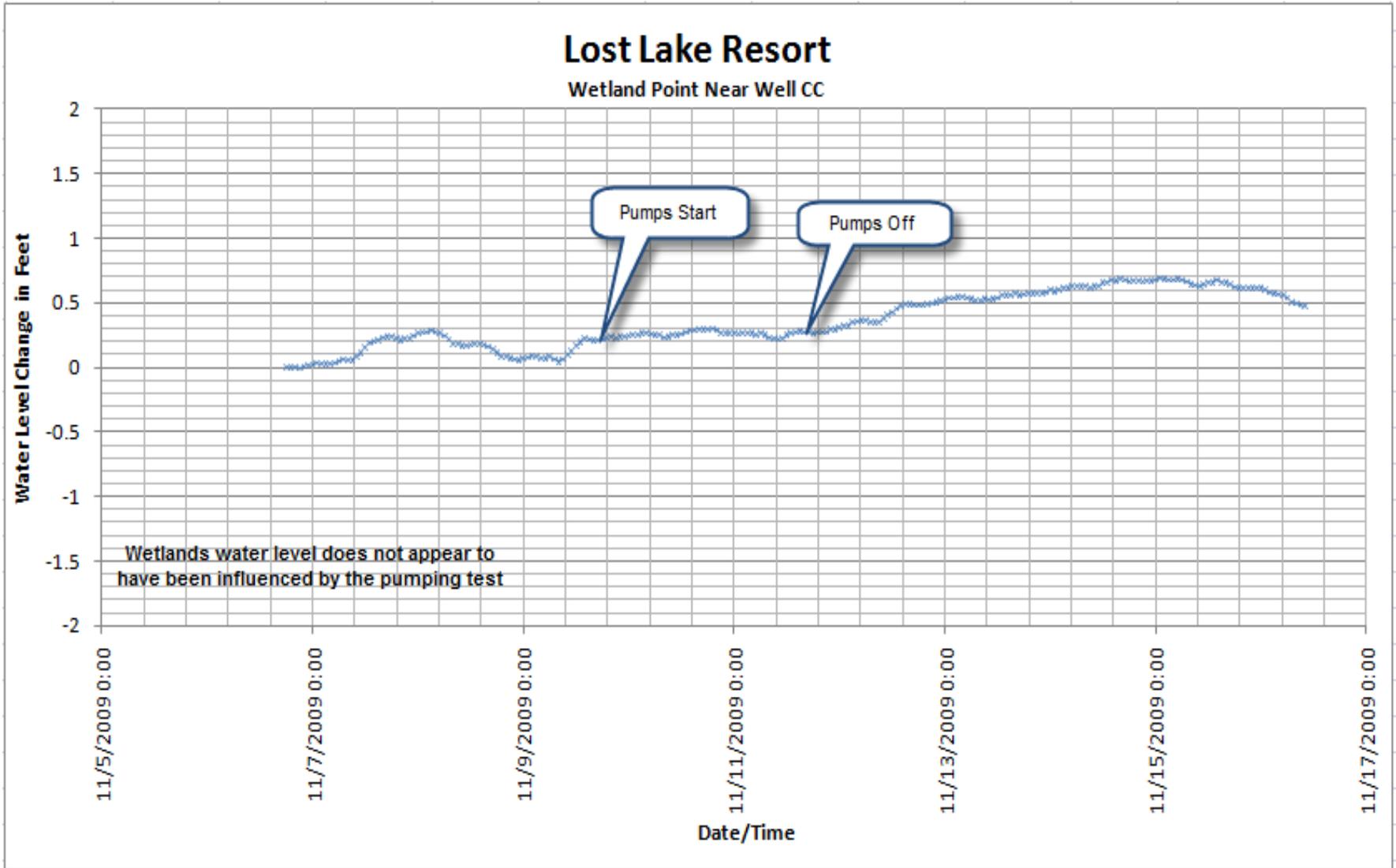
Graph 7, Well BB as a Monitoring Well



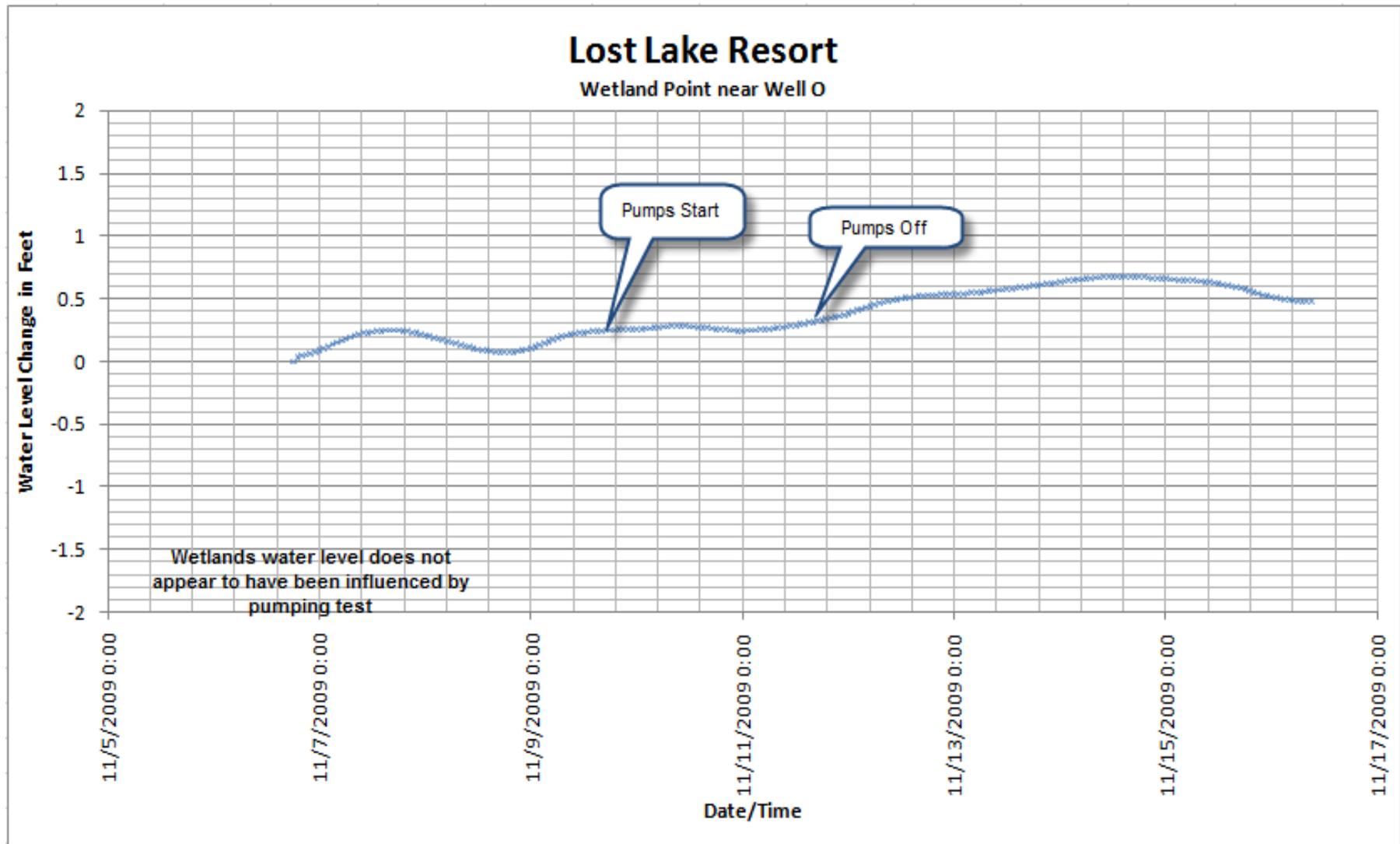
Graph 8, Well F as a Monitoring Well



Graph 9, Well D as a Monitoring Well



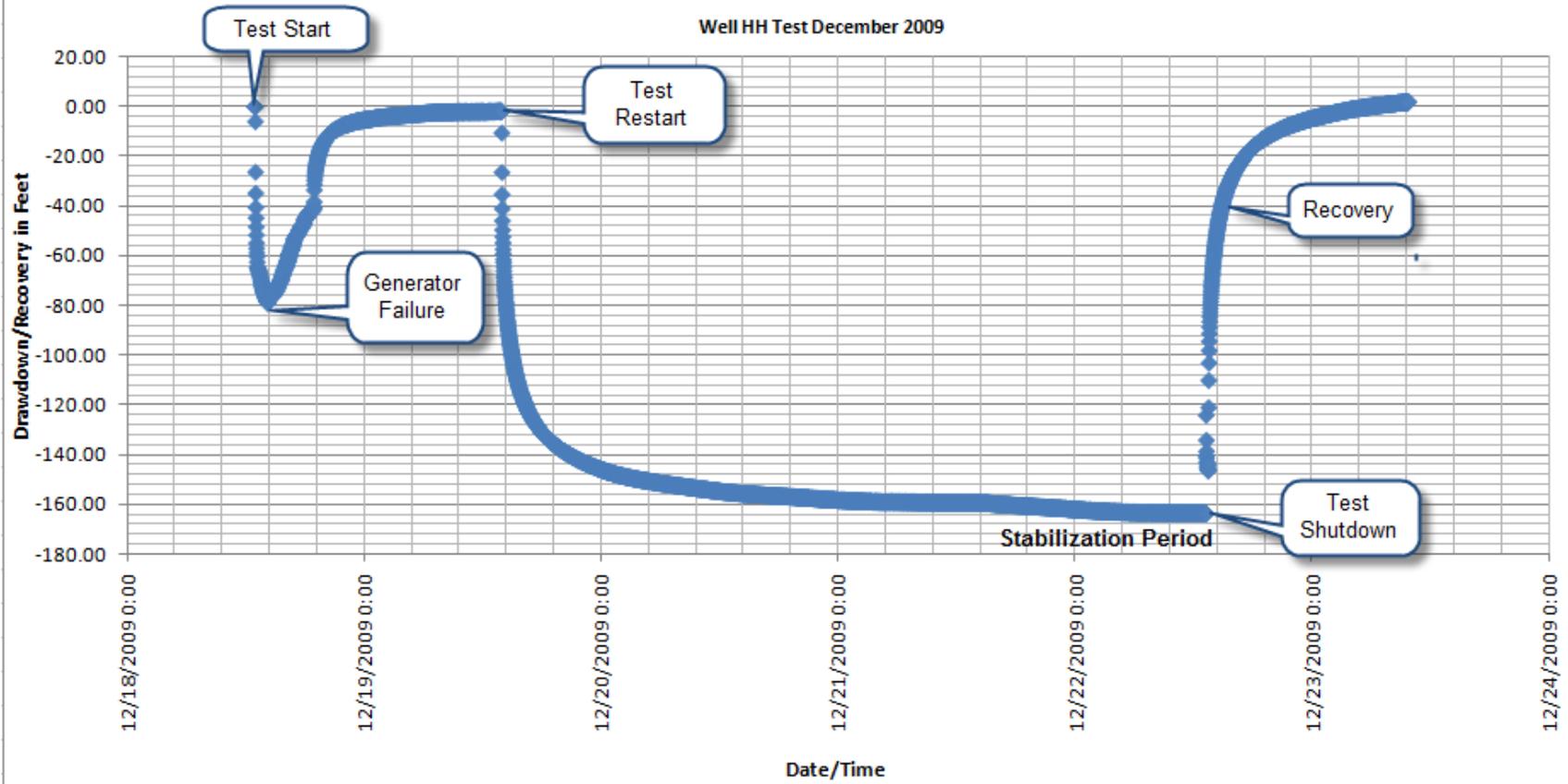
Graph 10, Wetland Point Near Well CC



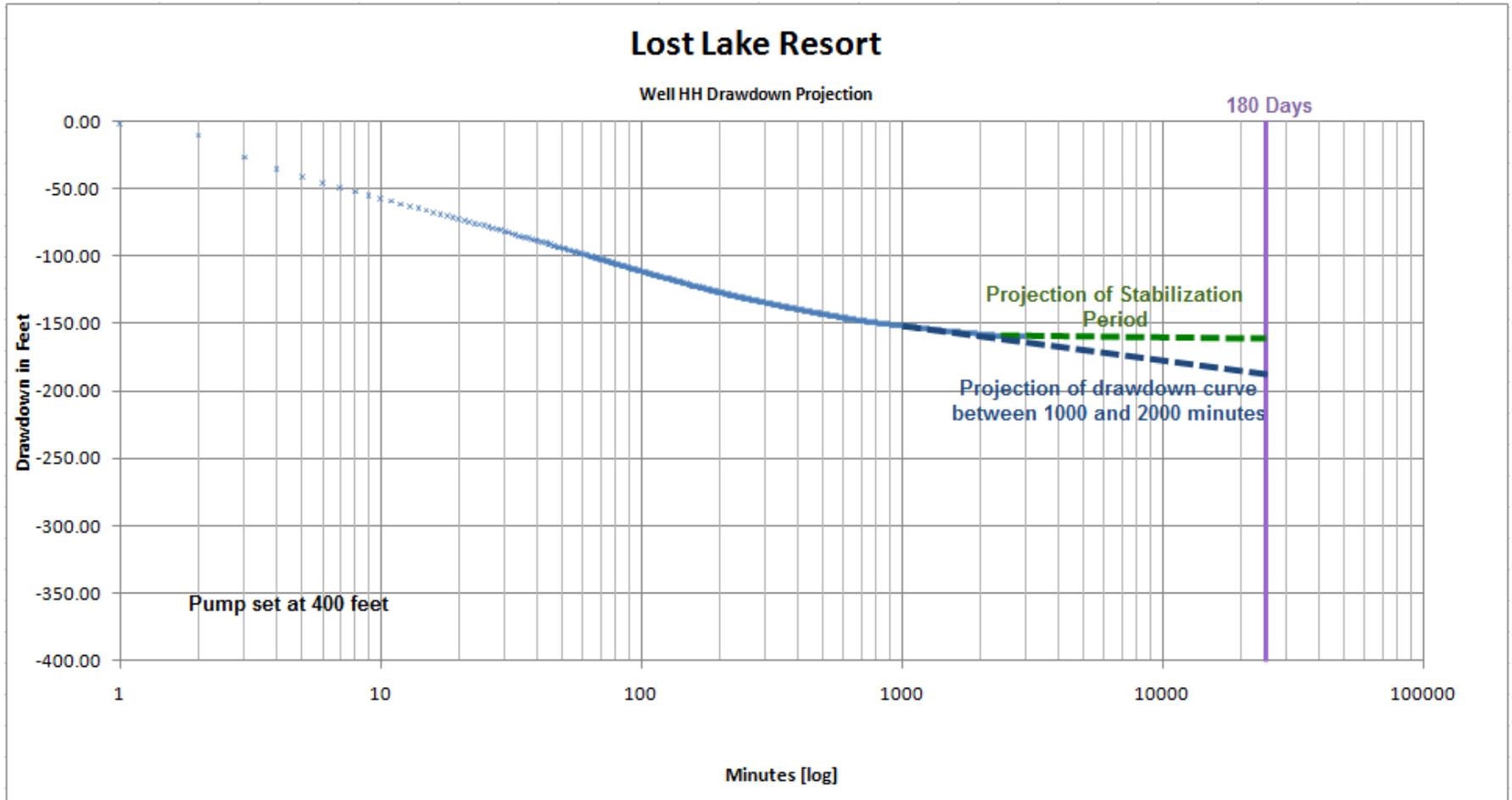
Graph 11, Wetland Point near Well O

Lost Lake Resort

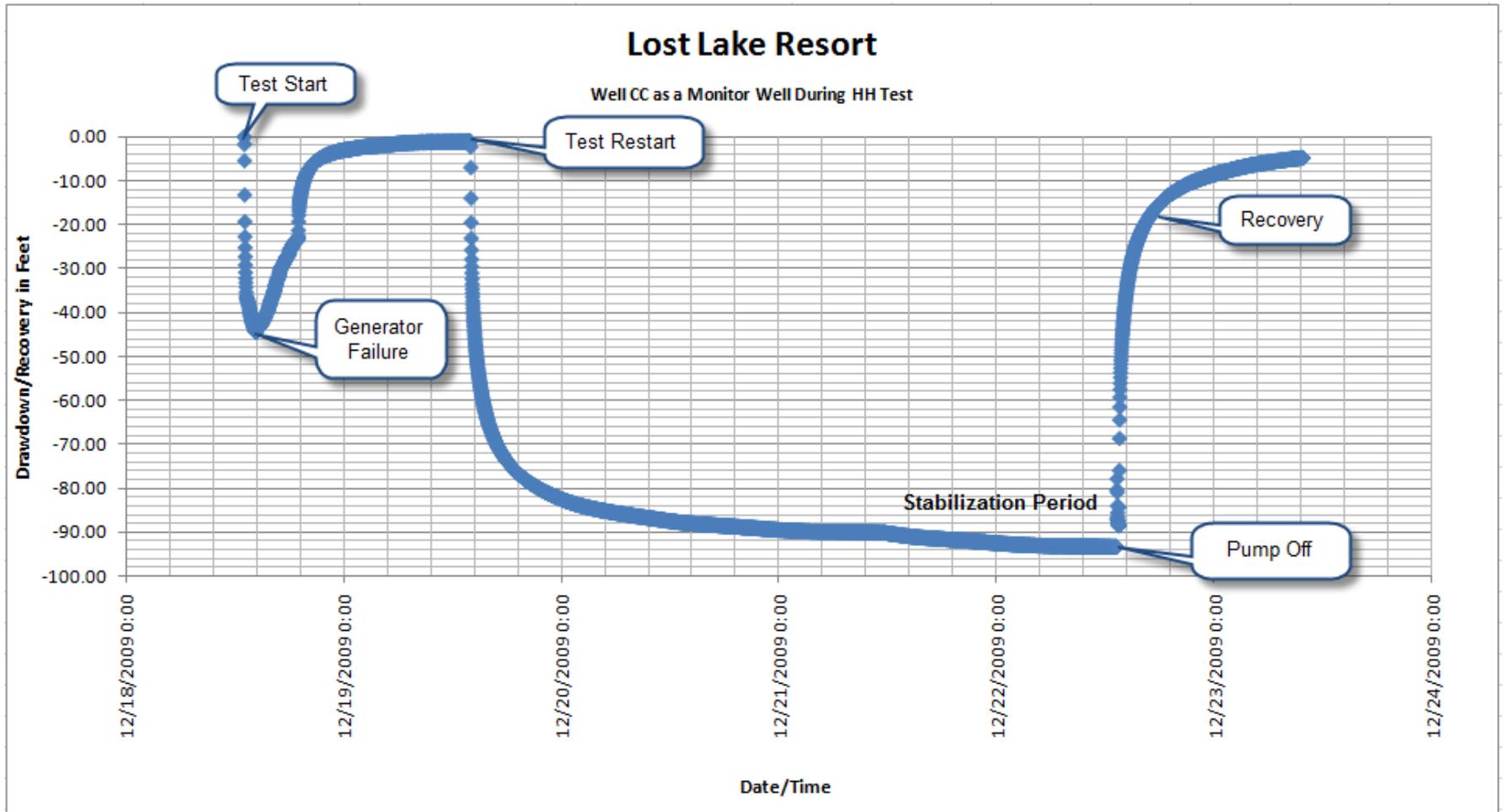
Well HH Test December 2009



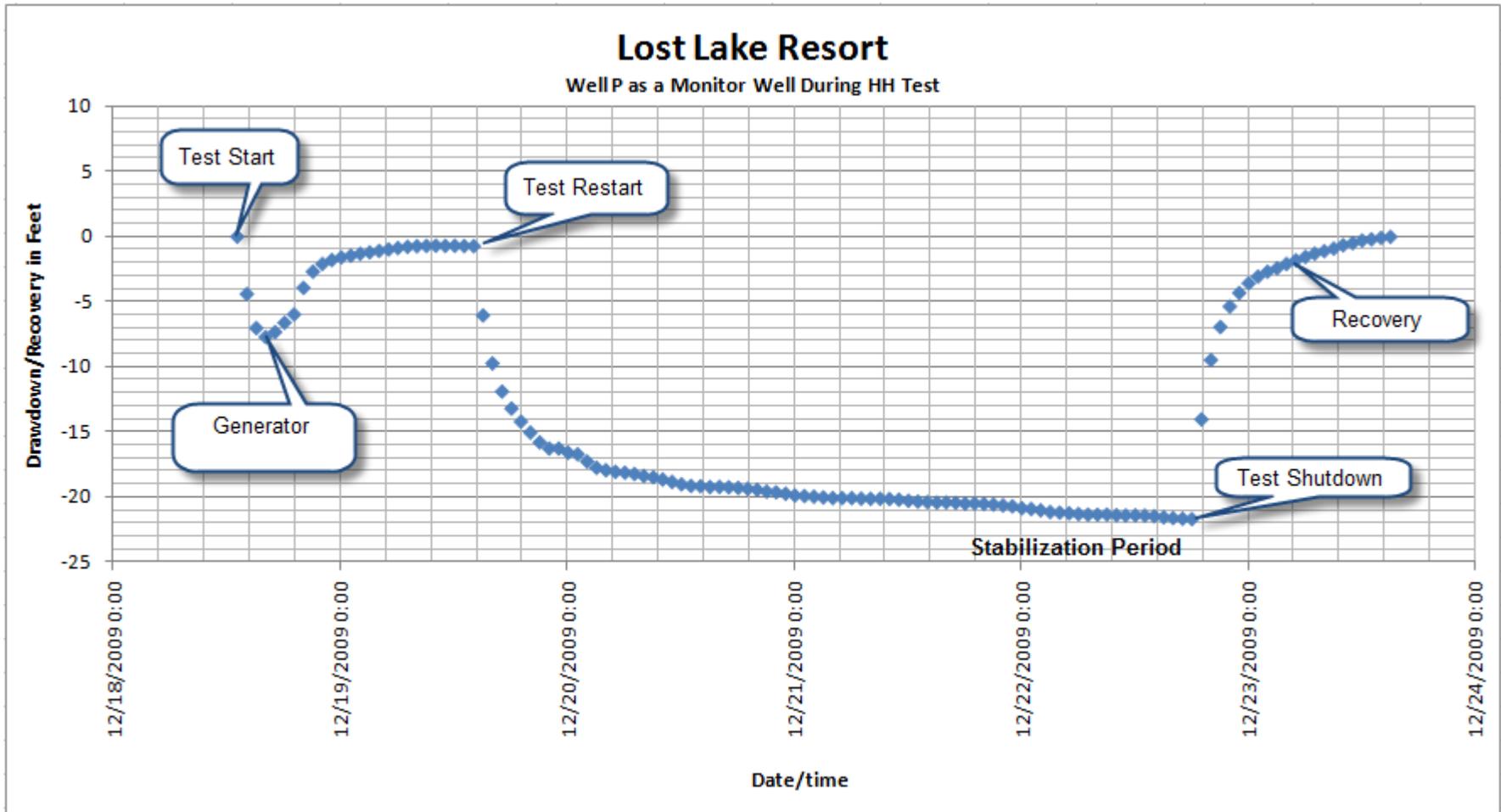
Graph 12, Well HH Test



Graph 13, Well HH 180 Day Drawdown Projection



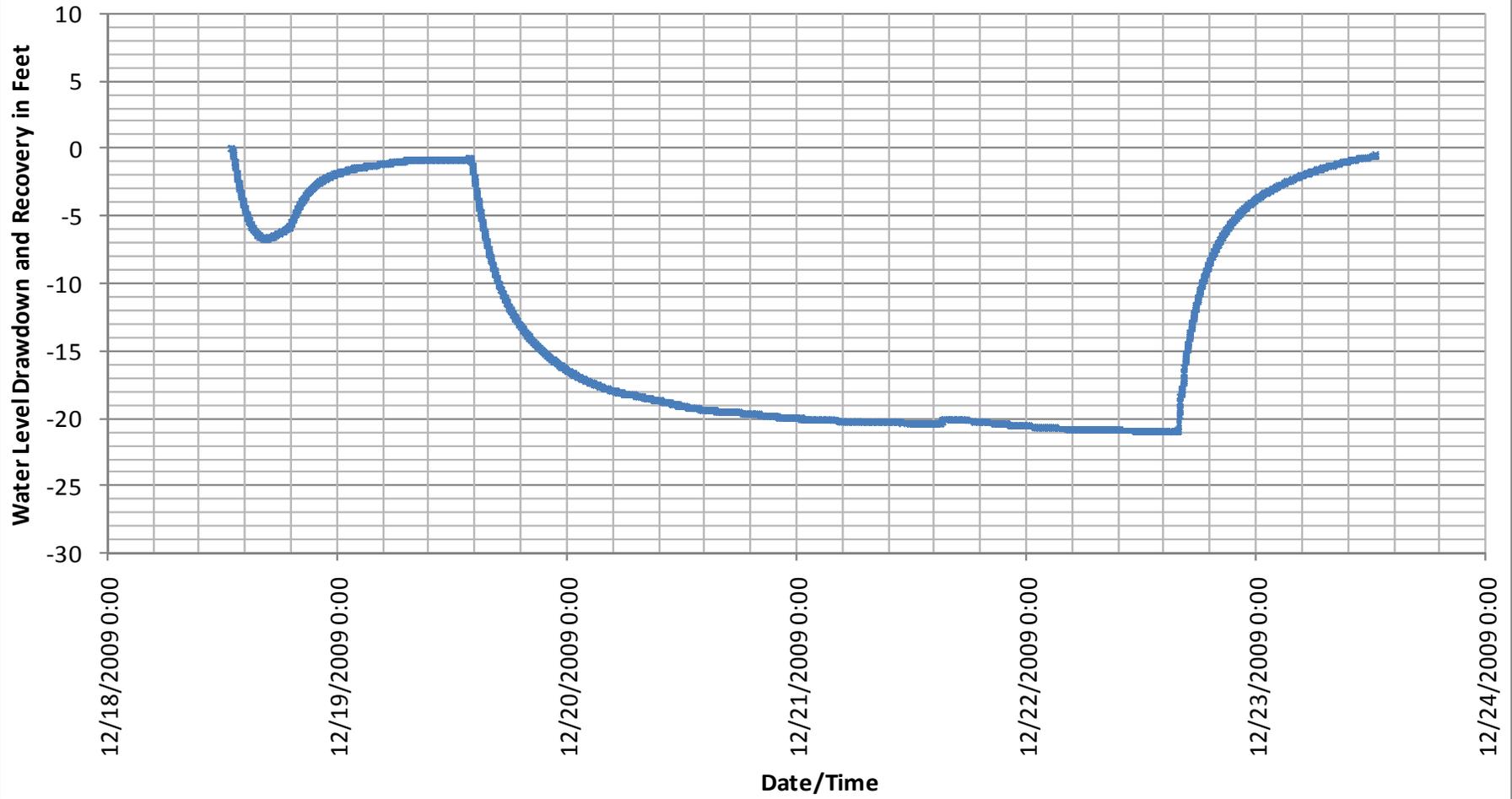
Graph 14, Well CC as a Monitoring Well



Graph 15, Well P as a Monitoring Well

Lost Lake Resort

Well O as a Monitor Well During HH Test



Graph 16, Well O as a Monitoring Well

Attachment D

Water Quality Analytical Results

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
Color	2120B	15 Units	5	10	5	15	Pt/Co
Trichlorofluoromethane	EPA 502.2	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		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)	EPA 200.7	100	<10	<10	<10	<10	ug/L
Iron (Fe)		300	<60	150	<60	<60	ug/L
Manganese (Mn)		300	29	<15	<15	<15	ug/L
Sodium (Na)		20,000 ^A	29,000	65,000	4,800	4,500	ug/L
Zinc (Zn)		5,000	<20	<20	87	41	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	
Lead (Pb)	EPA 200.8	15	<1.0	<1.0	<1.0	<1.0	ug/L	
Arsenic (As)		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)		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 (Tl)		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		EPA 300.0	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	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		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	EPA 525.2	2	<0.034	<0.037	<0.034	<0.20	ug/L	
Atrazine		3	<0.023	<0.024	<0.022	<0.20	ug/L	
Benzo (a) pyrene		0.2	<0.030	<0.032	<0.030	<0.20	ug/L	
Bis(2-ethylhexyl)phthalate		6	<0.63	<0.67	<0.61	<2.0	ug/L	
Di(2-ethylhexyl)adipate		5	<0.63	<0.67	<0.61	<1.5	ug/L	
Hexachlorobenzene		1	<0.043	<0.046	<0.042	<0.20	ug/L	
Hexachlorocyclopentadiene		5	<0.044	<0.047	<0.043	<2.0	ug/L	
Butachlor		5	<0.033	<0.036	<0.033	<0.51	ug/L	
Simazine		4	<0.036	<0.039	<0.036	<0.51	ug/L	
Metolachlor		5	<0.021	<0.022	<0.020	<0.20	ug/L	
Metribuzin		5	<0.023	<0.024	<0.022	<0.20	ug/L	
Propachlor		5	<0.026	<0.028	<0.026	<0.20	ug/L	
Bromate		EPA 300.1B	10	<2.6	<2.6	<2.6	<2.6	ug/L
3-Hydroxycarbofuran	EPA 531.1	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		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		0.05	<0.0075	<0.0073	<0.0074	<0.020	ug/L	
Aldrin	EPA 508	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		5	<0.0016	<0.0015	<0.0015	<0.048	ug/L	
PCB-1016		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	EPA 515.3	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		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		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		<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 restricted sodium diets.

* - Turbidity is measured by entry 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 public.

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) (<http://www.ncdc.noaa.gov/oa/ncdc.html>).

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

STATION: MONTGOMERY, NY
 MONTH: NOVEMBER
 YEAR: 2009
 LATITUDE: 41 31 N
 LONGITUDE: 74 16 W

TEMPERATURE IN F:					:PCPN:			SNOW:		WIND		:SUNSHINE:		SKY		:PK WND			
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18	
										AVG MX 2MIN									
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR	
1	58	34	46	M	19	0	0.01	M	M	4.6	17	320	M	M	0		25	350	
2	56	32	44	M	21	0	0.00	M	M	3.7	10	70	M	M	2	1	15	60	
3	60	29	45	M	20	0	0.00	M	M	4.4	18	320	M	M	5	1	24	330	
4	49	29	39	M	26	0	T	M	M	2.9	10	250	M	M	4		14	250	
5	50	34	42	M	23	0	0.07	M	M	2.6	15	310	M	M	8	1	23	320	
6	47	25	36	M	29	0	0.00	M	M	6.0	21	340	M	M	5		31	320	
7	52	23	38	M	27	0	0.00	M	M	4.6	16	220	M	M	0		22	190	
8	69	29	49	M	16	0	0.00	M	M	1.8	9	250	M	M	0		13	230	
9	70	31	51	M	14	0	0.00	M	M	5.0	20	220	M	M	0	1	24	220	
10	64	47	56	M	9	0	0.00	M	M	3.5	10	30	M	M	0	18	15	40	
11	52	43	48	M	17	0	0.00	M	M	12.8	21	30	M	M	0		26	30	
12	50	42	46	M	19	0	0.00	M	M	13.3	21	30	M	M	3		28	50	
13	56	42	49	M	16	0	0.05	M	M	15.0	23	30	M	M	4		31	30	
14	55	47	51	M	14	0	0.34	M	M	12.9	23	40	M	M	10	1	31	40	
15	62	45	54	M	11	0	0.02	M	M	1.6	8	40	M	M	6	12	10	30	
16	59	35	47	M	18	0	0.00	M	M	2.5	14	300	M	M	0	12	18	300	
17	53	30	42	M	23	0	0.00	M	M	2.5	14	70	M	M	0		17	70	
18	53	27	40	M	25	0	0.00	M	M	0.9	8	40	M	M	1	1	10	40	
19	58	36	47	M	18	0	0.22	M	M	2.9	10	20	M	M	10	1	14	120	
20	60	38	49	M	16	0	0.24	M	M	7.8	21	300	M	M	4	1	29	300	
21	58	33	46	M	19	0	0.00	M	M	4.4	12	320	M	M	0	1	14	320	
22	52	29	41	M	24	0	0.00	M	M	3.0	15	20	M	M	3	126	17	20	
23	49	34	42	M	23	0	T	M	M	8.4	14	40	M	M	10		18	40	
24	57	36	47	M	18	0	0.00	M	M	5.8	13	40	M	M	8	1	17	30	
25	48	38	43	M	22	0	0.10	M	M	0.9	6	160	M	M	10	1	8	160	
26	56	35	46	M	19	0	0.00	M	M	1.2	7	100	M	M	3	12	9	100	
27	46	40	43	M	22	0	0.00	M	M	10.8	24	300	M	M	10	1	35	300	
28	49	40	45	M	20	0	0.00	M	M	14.9	32	310	M	M	3		45	310	
29	57	29	43	M	22	0	0.00	M	M	6.2	17	230	M	M	0		22	230	
30	52	34	43	M	22	0	0.11	M	M	8.0	17	330	M	M	8		22	320	
SM	1657	1046			592	0	1.16		0.0	174.9			M		127				
AV	55.2	34.9								5.8	FASTST		PSBL		4		MAX(MPH)		
								MISC	---->	32	310						45	310	

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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

STATION: MONTGOMERY, NY
MONTH: NOVEMBER
YEAR: 2009
LATITUDE: 41 31 N
LONGITUDE: 74 16 W

[TEMPERATURE DATA]

[PRECIPITATION DATA]

SYMBOLS USED IN COLUMN 16

AVERAGE MONTHLY: 45.0
DPTR FM NORMAL: M
HIGHEST: 70 ON 9
LOWEST: 23 ON 7

TOTAL FOR MONTH: 1.16
DPTR FM NORMAL: M
GRTST 24HR M ON M

SNOW, ICE PELLETS, HAIL
TOTAL MONTH: 0.0 INCH
GRTST 24HR M
GRTST DEPTH: M

1 = FOG OR MIST
2 = FOG REDUCING VISIBILITY
TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = FREEZING RAIN OR DRIZZLE
7 = DUSTSTORM OR SANDSTORM:
VSBY 1/2 MILE OR LESS
8 = SMOKE OR HAZE
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) (<http://www.ncdc.noaa.gov/oa/ncdc.html>).

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

STATION: MONTGOMERY, NY
 MONTH: DECEMBER
 YEAR: 2009
 LATITUDE: 41 31 N
 LONGITUDE: 74 16 W

TEMPERATURE IN F:					:PCPN:			SNOW:		WIND		:SUNSHINE:		SKY		:PK WND			
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17	18	
										AVG MX 2MIN									
DY	MAX	MIN	AVG	DEP	HDD	CDD	WTR	SNW	DPTH	SPD	SPD	DIR	MIN	PSBL	S-S	WX	SPD	DR	
1	45	27	36	M	29	0	0.00	M	M	6.6	17	220	M	M	6		22	250	
2	49	25	37	M	28	0	0.29	M	M	1.7	10	20	M	M	1 1		12	20	
3	64	44	54	M	11	0	0.91	M	M	10.6	31	220	M	M	6 1		45	240	
4	49	29	39	M	26	0	0.00	M	M	4.0	12	330	M	M	3		28	80	
5	38	30	34	M	31	0	0.12	M	M	5.7	9	10	M	M	7 1		12	10	
6	35	23	29	M	36	0	0.27	M	M	5.4	15	320	M	M	3		21	320	
7	33	19	26	M	39	0	0.00	M	M	2.9	10	220	M	M	3 1		13	210	
8	40	21	31	M	34	0	0.05	M	M	3.5	12	290	M	M	1 1		15	290	
9	36	29	33	M	32	0	1.08	M	M	8.0	17	30	M	M	10 126		20	20	
10	40	23	32	M	33	0	0.00	M	M	13.7	24	240	M	M	5		33	280	
11	26	16	21	M	44	0	0.00	M	M	12.8	23	280	M	M	3		32	290	
12	33	12	23	M	42	0	0.00	M	M	5.6	20	300	M	M	1		29	300	
13	34	8	21	M	44	0	0.63	M	M	2.2	9	270	M	M	8 16		12	300	
16	37	24	31	M	34	0	0.00	M	M	10.6	21	300	M	M	1		28	300	
17	26	13	20	M	45	0	T	M	M	11.5	25	310	M	M	1		33	310	
18	23	8	16	M	49	0	0.00	M	M	3.3	8	30	M	M	1		9	20	
21	34	18	26	M	39	0	0.00	M	M	11.3	25	320	M	M	2		35	300	
22	32	18	25	M	40	0	0.00	M	M	10.1	23	300	M	M	0		32	310	
23	27	16	22	M	43	0	0.00	M	M	9.0	21	320	M	M	6		26	330	
24	37	12	25	M	40	0	0.00	M	M	4.1	20	40	M	M	0		23	30	
25	33	21	27	M	38	0	0.22	M	M	7.3	14	40	M	M	8 16		16	30	
26	40	32	36	M	29	0	0.32	M	M	9.3	15	20	M	M	10 16		20	360	
27	49	25	37	M	28	0	0.39	M	M	6.7	17	280	M	M	2 1		23	280	
28	37	25	31	M	34	0	0.00	M	M	7.4	20	290	M	M	8		29	280	
29	29	13	21	M	44	0	0.00	M	M	18.8	32	340	M	M	0		55	360	
30	31	17	24	M	41	0	0.00	M	M	5.1	22	330	M	M	0		29	320	
31	31	21	26	M	39	0	0.13	M	M	1.2	9	210	M	M	9 16		10	210	
SM	988	569			972	0	4.41		0.0	198.4			M		116				
AV	36.6	21.1								7.3	FASTST	PSBL		4		MAX(MPH)			
								MISC	---->	32	340					55	360		

NOTES:

LAST OF SEVERAL OCCURRENCES

COLUMN 17 PEAK WIND IN M.P.H.

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

STATION: MONTGOMERY, NY
MONTH: DECEMBER
YEAR: 2009
LATITUDE: 41 31 N
LONGITUDE: 74 16 W

[TEMPERATURE DATA]

AVERAGE MONTHLY: 28.9
DPTR FM NORMAL: M
HIGHEST: 64 ON 3
LOWEST: 8 ON 18

[PRECIPITATION DATA]

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

SYMBOLS USED IN COLUMN 16

1 = FOG OR MIST
2 = FOG REDUCING VISIBILITY
TO 1/4 MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = FREEZING RAIN OR DRIZZLE
7 = DUSTSTORM OR SANDSTORM:
VSBY 1/2 MILE OR LESS
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO