REPORT ON
GROUNDWATER RESOURCES
COHOCTON WIND POWER PROJECT
COHOCTON, NEW YORK

by

Haley & Aldrich of New York
Rochester, New York

for

UPC Wind Management, LLC
Newton, Massachusetts

File No. 32788-000
20 March 2006

HALEY & ALDRICH

Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623-4264

Tel: 585.359.9000
Fax: 585.359.4650
HaleyAldrich.com

HALEY & ALDRICH

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UPC Wind Management, LLC
100 Wells Avenue
Suite 201
Newton, MA 02459

Attention: Mr. David Cowan

Subject: Cohocton Wind Power
Cohocton, New York

Ladies and Gentlemen:

This report presents the results of our evaluation of the hydrogeology and potential for impact to groundwater resources within the proposed Cohocton Wind Power Project area in Cohocton, New York. Our services have been performed in accordance with the Consulting Services Agreement dated 18 November 2005.

This investigation was primarily a "desktop" study, in accordance with our proposed work scope, and this report has been prepared to support your preparation of a Draft Environmental Impact Statement (DEIS) for the project.

In summary, this investigation has concluded that no significant impact to groundwater resources should occur as a result of proposed project. This is true not only for this project but for wind farm projects in general, since the construction of wind turbines and associated appurtenances employs standard, relatively simple and localized construction techniques that have no bearing on groundwater conditions. A more detailed discussion of this subject is included in the attached report.

Please contact the undersigned with any questions regarding the work performed or

information provided herein.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Robert J. Mahoney
Senior Environmental Geologist

Vincent B. Dick
Vice President

Enclosures

c: John Hecklau, EDR PC

EXECUTIVE SUMMARY

Haley & Aldrich has performed an assessment of the potential for impact to groundwater resources by the proposed Cohocton Wind Power Project. The evaluation has been performed for UPC Wind Management, LLC of Newton, Massachusetts, the owner of the proposed project. The project will include installation of up to 48 wind turbines in upland areas, associated access roads to the turbine locations, electric power transmission lines (underground and overhead), structures and a substation. The resulting power generated by the project would be tied into an existing electrical grid power transmission line in the area.

The project is located in an area that is largely rural and land use is primarily agricultural. Private residences are located throughout the area and tend to be clustered along valley roadways; the turbines are located along the tops of several adjoining plateaus. Private water supply for the residences is primarily achieved through the use of drilled wells in both bedrock and overburden. Groundwater springs may also be used but to a much lesser degree.

Our evaluation has involved assembling and evaluating readily-available published information on geologic and hydrogeologic conditions in the project locale. The proposed construction elements of the project have been assessed in terms of the potential for adverse impact to existing hydrogeologic resources. The project will entail relatively routine construction that will primarily involve common building materials and methods such as formed concrete with steel reinforcing and utility trenching.

In summary, the proposed construction does not appear to have potential for significant impact to groundwater used for potable purposes in the project area. Wind Farm projects have been shown in general to have no appreciable impacts to groundwater. Wind farm projects typically do not have demonstrable impacts to groundwater resources. They do not utilize groundwater for generating energy. They do not require the use or storage of fuels or other chemicals for operation, thus the potential release of such materials and resulting negative impacts to groundwater quality are not an issue. In addition, the construction techniques employed for wind power project development are conventional methods that involve relatively shallow excavation that generally does not involve groundwater. As a result, the expected impacts from wind power projects on groundwater resources are inconsequential.

It does appear that the proposed overhead power line adjacent to an existing railroad may lie partly within existing wetlands and/or the 100-ft. buffer zone. Such construction is historically quite common and involves practices that pose little likelihood of impacting groundwater resources associated with wetland quality.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

1. INTRODUCTION AND BACKGROUND

1.1 Project Description

The project as it is currently proposed will consist of up to 48 wind turbines installed over an area of approximately 5,755 acres in the town of Cohocton in Steuben County, New York as shown on Figure 1. The majority of the project area lies to the east and northeast of the village of Cohocton, however a section of the wind project lies south of the village and west of the Cohocton River valley.

The turbines as currently planned may be up to approximately 400 ft. tall (285 ft. diameter rotor on a 256-ft high tower). Turbine foundation types will be dependent on subsurface conditions and may consist of relatively shallow concrete spread footings or deeper caissons. Power generated by the turbines will be transmitted to an existing overhead transmission line located at the southwest corner of the project area. The power will be transmitted via underground "gathering" lines located primarily along existing roads, and an overhead transmission line that will follow existing roads and a railroad right-of-way, as shown on Figures 2 and 3.

1.2 Wind Energy Projects and Groundwater Resources

Wind farm projects typically do not have demonstrable impacts to groundwater resources. They do not utilize groundwater for generating energy. They do not require the use or storage of fuels or other chemicals for operation, thus the potential release of such materials and resulting negative impacts to groundwater quality are not an issue. In addition, the construction techniques employed during wind power project development are conventional methods that involve relatively shallow excavation that does not involve groundwater. As a result, the expected impacts from wind power projects on groundwater resources are inconsequential. This is discussed further in Section 5.0.

1.3 Work Scope Summary

Haley & Aldrich's work scope for this phase of this project included:

- Obtaining readily-available published information on geology, hydrogeology and water resources, wetlands, etc. in the vicinity of the project;
- Obtaining information from public agencies or municipalities and private entities regarding existing residential water supply wells or other water supplies;
- Performing limited field reconnaissance of the project area to assess existing conditions with regard to area topography and land use, location and nature of streams, springs, groundwater divides, water bodies, wetlands, etc.;
- Depiction of the data obtained in Geographic Information System (GIS)-based drawings; and a written summary of findings provided in this report; and
- Assessment of anticipated construction features and construction methods for potential to affect hydrogeology in the project area.

Several requests for information were submitted to agencies, municipalities and other sources; some responses were received and additional information from some sources is pending.

1.4 Report Contents

Section 2 presents a summary of the project's geographic setting. Section 3 discusses overburden and bedrock conditions, respectively, and Section 4 addresses hydrogeologic conditions. Section 5 describes the proposed project's construction elements and assess each in terms of potential impacts to groundwater.

2. GEOGRAPHIC SETTING

This section briefly describes the geographic characteristics of project vicinity.

2.1 Topography and Drainage

The project area encompasses approximately twenty square miles of area in the southern tier of New York State. The project is located in the Appalachian Uplands physiographic province, which is typically characterized as an eroded plateau. Ground surface elevations in the project area range from approximately greater than el. 2000 atop the hills to el. 1210 in the major stream valleys.

Stream and glacial erosion have dissected the plateau and developed a generally dendritic drainage pattern, forming steep-sided valleys across most of this physiographic province. Topography in the area is generally rolling atop the hills, steep to very steep in the tributary stream valleys, and terraced to flat in the larger streams valleys such as those of Twelvemile Creek and the Cohocton River (see Figure 2). Slopes in the region generally range from 3 to 40 percent.

The project area is generally split by the Cohocton River which flows generally north to south and has incised the largest valley in the area. Several tributaries to the Cohocton River, including creeks classified by the New York State Department of Environmental Conservation (NYSDEC) are present in the study area. Table 1 provides a summary of the names rivers and streams in the project area and their NYSDEC classifications.

2.2 Land Use

The area encompassed by the project includes a mixture of land usage. The areas on or near the hilltops are largely used for agricultural purposes, and most areas with slopes gradual enough for farming are currently cultivated or recently fallow. The steeper hillsides are generally wooded. Photos of the project areas are included in Appendix A.

The area encompassed by the transmission line corridor has a mixture of land usage, including agricultural at the higher elevations, wooded steep slopes leading down to the Cohocton River valley, and additional agricultural, wooded and wetland areas in the valley. The corridor then follows the Livonia, Lakeville and Avon Railroad right-of-way (see Figure 2 and photos, Appendix A) for approximately two miles before turning west across the Cohocton valley and into an unnamed tributary valley to connect to the southernmost section of the project.

The entire area is traversed with a network of paved and gravel roads. The roads often follow the incised stream valleys, and develop generally rectangular configurations in the higher, agricultural areas. Several of the roads at higher elevations and in the more remote areas are “Limited Use” roads with no maintenance during winter months. Private residences exist at a relatively wide spacing along most of the roads, although several small clusters of homes are also present (Figure 2).

3. SITE AND VICINITY GEOLOGIC CONDITIONS

3.1 Overburden Geology

Overburden deposits at the site are largely the result of advance and retreat of the last of four continental glaciers to cover this region. The most recent glacier retreated from the area approximately 12,000 to 10,000 years ago. Several glacially-derived soil deposits are present within the project area, including the following:

- Glacial Till — Variable mixture of clay, silt, sand, gravel and boulders. Generally poorly sorted and dense with low permeability. Most often deposited beneath glacial ice.
- Kame and Kame Moraines — Variable mixture of sand, gravel and boulders, with some silt, deposited at ice margins. Often calcareous and may be cemented.
- Glacial Outwash — Sand and gravel mixture with little silt deposited by meltwater streams flowing off of a glacier. Often stratified.
- Recent Alluvial Deposits — Post-glacial deposits of sand, gravel and silt in stream valleys. Large stream valleys may have significant fine-grained flood-plain deposits overlying coarser channel deposits. Smaller tributary streams have developed coarse-grained alluvial fans that extend into the larger valleys.

The locations of these deposits are shown on Figure 4, Surficial Geology.

The project site is located immediately south of the Valley Heads moraine, a complex of ice-terminus deposits at the southern extent of several Finger Lake valleys across Central New York State. This moraine is characterized by rolling, hummocky and terraced topography.

The overburden thickness in the project area can be expected to range from only a few feet in the upland areas to several hundred feet in the Cohocton River valley, which was deeply scoured by advancing ice before being filled with post-glacial deposits. The glacial till deposits in the uplands may be very thin to non-existent, as evidenced by bedrock outcrops in several areas (see photos, Appendix A) that are not readily reflected by the surficial geology mapping on Figure 4. Very shallow or outcropping rock appears to be more prevalent in the Lent Hill and Dutch Hill areas but may be present in other upland areas. The steep slopes on the north and west of these areas are also expected to be made up of exposed or very shallow bedrock.

Relatively thick deposits of glacial outwash are present in the project area in the form of sand and gravel terraces located adjacent to and at elevations above the larger stream valleys of the Cohocton River and Twelve Mile Creek (see Figures 2 and 4). Such deposits are the result of heavy sediment load being shed off a melting and slowly-retreating glacier. These deposits are often mined for aggregate materials; several commercial and private sand and gravel pits are active in the project area. The outwash deposits also extend to great depths beneath the

shallower recent alluvial deposits of Cohocton River and Twelve Mile Creek valleys. The alluvial deposits represent sediment load deposited by the recent streams that have established themselves in the post-glacial valleys. The larger tributaries to the Cohocton River have deposited alluvial fans at the points where they merge with the larger valley; this has resulted in deviation of the Cohocton River's course within the valley in several locations.

3.2 Bedrock Geology

The region is underlain by a series of sedimentary rock units of Upper Devonian age (380-370 million years BP). These bedrock layers generally dip very gradually to the south-southwest and appear essentially horizontal in outcrop. The following is a generalized description of rock units that have been mapped in the vicinity of the site, as shown on Figure 5, Bedrock Geology, in order of increasing age:

- Machias Formation — Gray Shales and Siltstones
- Wiscoy Formation — Gray Argillaceous Siltstones, Silty Mudstones and Fine Sandstones
- West Hill Formation — Gray Siltstones and Gray Silty Shales with calcareous nodules
- Gardeau Formation — Gray/Greenish-gray Shale, Gray Siltstones, Gray-black Shales with concretions
- Beers Hill and related Formations — Several Shale, Siltstone and Mudstone units
- Nunda Formation — Bluish-gray Siltstones, Gray silty Mudstones and Shales, with calcareous concretions

Bedrock outcrops were observed in several locations across the study area, most notably in the Lent Hill Road and Mattice Road areas. Bedrock was observed in several roadside drainage ditches. The depth to bedrock in the higher elevations can be expected to vary significantly but may often be only a few feet. Some of the rock units that exist in the site area (shales, siltstones and mudstones) may be extensively weathered and may no longer behave as competent rock.

The site area is relatively free of bedrock structure such as faulting or folding. No faults have been mapped in close proximity to the site. Topographic lineaments have been mapped from satellite imagery for some of the stream valleys in the area but these are not considered to be confirmed structural features. Bedrock joints (fractures) have also been mapped in the area. The primary joints sets have been mapped with strikes (directional bearings) that are generally northwest/southeast, northeast/southwest, and east-west (see Figure 6). These joints are generally vertical or nearly vertical. Other joint orientations have also been mapped at lesser frequency.

There are documented cases of ice-thrust bedrock blocks in the region that resulted when a southward-moving ice mass dislodged large blocks of bedrock as it encountered northward – facing rock slopes and displaced the blocks south of their original position. As a result, there could be locations where bedrock encountered beneath the ground surface may in turn be

underlain by layers of soil deposits (glacial till). It is not known if such conditions exist within the limits of the project area.

Natural gas deposits are known to exist at depth in the study area. Two gas wells were observed within the project limits during the site reconnaissance (see photos, Appendix A).

4. SITE AND VICINITY HYDROGEOLOGIC CONDITIONS

4.1 Introduction

An evaluation of the hydrogeologic conditions in the project area has been performed based on publicly-available, published literature, information obtained from municipalities and agencies, and our observations and experience.

Drilling logs for several water wells registered with NYSDEC were obtained; these logs have location data (latitude and longitude) but are not referenced to specific addresses. The approximate well locations are shown on Figure 7. Information obtained from these logs has been incorporated into this discussion, and summarized on Table 3. Copies of the well logs are included in Appendix B.

4.2 Water Bearing Units

Groundwater exists in all soil deposits and bedrock; however, significant recoverable quantities of potable groundwater are anticipated to exist only in bedrock and in the glacial outwash and recent alluvial deposits that occupy the stream and river valleys.

Valley Fill Deposits: The valley fill deposits underlying the Cohocton River, Twelvemile Creek, and the lower reaches of several unnamed tributaries to these water courses (see Figure 6) have collectively been designated a "Primary" Aquifer as defined by NYSDEC regulations. A Primary Aquifer is an underground soil or rock formation that yields enough groundwater to be, and is used as a major municipal water supply.

The Cohocton River aquifer is generally a surficial aquifer (also referred to as a water table aquifer). In some cases, the aquifer is under confined conditions due to the presence of lower-permeability soil units (e.g. silt and clay) overlying the water-bearing portion of the aquifer. Areas where this condition exists are the portion of the valley immediately east of Dutch Hill and the area just south of the study area where Twelvemile Creek joins the Cohocton River (see Figure 7).

The Village of Cohocton extracts groundwater for its businesses and residents via two pumping wells installed within the village limits in the valley bottom sand and gravel deposits. Prior to 1949 the village water supply came from springs located west of the village. Wells were subsequently installed to supplement this supply. The village currently utilizes two wells, designated Wells Nos. 1 and 2, drilled in 1962 and 1978, respectively, and located approximately as shown on Figure 7. Well No. 1 is 83 ft deep and reportedly has sustained yield of 200 gallons per minute (gpm). Well No. 2 is 165 ft. deep and yields 300 gpm. Additional supply wells have been drilled just north of village to approximate depths of 90 to 100 ft., however it is our understanding these wells are not yet being utilized (Village of Cohocton Clerk).

The hamlets of North Cohocton and Atlanta, located approximately four to five miles north of Cohocton also operate a common municipal water supply system (North Cohocton Water District), supplied by one well located on River Street in the valley fill aquifer as shown on Figure 7. The depth of the well is estimated between 60 and 62 feet. Since 1999 the primary supply well has been sustaining a yield of approximately 400 gpm without a significant drop of the groundwater levels.

Two of the domestic well logs obtained from NYSDEC indicate they were drilled at locations in the lower reaches of tributary streams, in overburden soils. The wells are approximately 30 ft. deep and show yields between 15 and 30 gpm.

Based on the conditions in the valley fill deposits and the high yield reported for these municipal wells, the valley fill aquifers are anticipated to be very prolific and subject to significant ongoing recharge across most of the study area.

Hillslopes and Upland Area Soil Deposits: Based on relatively small thickness and the generally fine-grained nature of the glacial till this soil deposit is not considered significant water-bearing unit, however some relatively minor amounts of water may be available from the till. The gravelly alluvial deposits along the upper reaches of the tributary streams may also yield sufficient water for domestic use.

Haley & Aldrich has not confirmed usage of springs in these deposits as a supply of potable water, but apparent springs were observed on at least two residential properties during the field survey. It is likely that these springs fluctuate seasonally in terms of water production and yield and may only flow during wet seasons or only after significant rain or snowmelt events. The water from some of these springs may actually be sourced in the bedrock.

It is also likely that relatively shallow wells drilled or dug in recent alluvial gravel deposits along the lower reaches of the tributary streams flowing off the upland areas yield sufficient water for residential use. Such wells may also vary seasonally in terms of production and may be drought-sensitive.

Bedrock: It is expected that the majority of wells drilled on the hill slopes and in the upland areas are completed in and draw water from the bedrock aquifer. Most of the of the domestic well logs obtained from NYSDEC were located in upland areas and indicated well construction in bedrock. The bedrock wells ranged in depth from 160 ft. to 490 ft. bgs, with yields if 1 to 15 gpm.

Rock units such as the shales, siltstones and mudstone formation that typify the project area generally have low permeability and therefore low yields but can produce sufficient water for residential purposes if drilled deep enough to intersect water-bearing zones. The groundwater flow and yield within these units is generally controlled by fractures in the rock, which constitute the secondary porosity of the rock mass. It is anticipated that a generally downward gradient exists in the bedrock mass, and the rock aquifer may be hydraulically connected to the valley fill aquifer at depth.

4.3 Groundwater flow

Groundwater flow characteristics are expected to vary depending on the water-bearing units. Groundwater flow within the valley fill aquifer is reportedly from north to south, with local variation from subsurface depositional features and groundwater withdrawal.

Flow direction in the upland soil units is anticipated to be essentially radially off the hilltops into the tributary stream valleys, with some downward infiltration into the bedrock. Gradients are currently unknown. Flow in the tributary stream deposits is longitudinally along the axis of the streams at generally steep gradients, which decrease as the streams approach the base level of the Cohocton River Valley.

Flow within the bedrock is dependent on the locations and orientation of fractures. As discussed in Section 3.2, joints in the rock mass in the site vicinity are largely vertical, and follow varied strikes. This can result in localized variation in flow directions; the overall flow directions will also be influenced by the topography of the bedrock surface, as groundwater will seek outlets in lower, exposed rock units, or will travel into overburden deposits at lower elevations. The upland rock mass can serve as a recharge source for the valley fill aquifers.

4.4 Seasonal Variations in Water Levels

Based on data provided by the United States Geologic Survey, the Cohocton area receives over 34 in. of precipitation annually. Of this amount, roughly 19 in. on average is lost to evapotranspiration (defined as the combined effects of evaporation and plant transpiration), and the remainder represents the runoff and infiltration volumes.

Groundwater levels in all aquifers will vary seasonally. Typically, seasonal fluctuations result in the highest groundwater levels during the April/May timeframe and the lowest levels during September or October. Significant temporary "spikes" in groundwater levels also occur from heavy rain events. The site reconnaissance was performed on 30 November 2005 and followed a significant rain event the day before. Considerable runoff flow was observed in all roadside drainage channels at that time. In addition, numerous rivulets in the steeply-sloped portions of the site were observed to have heavy flow; some of these were noted to be "emergent" flow from the ground surface (see photos, Appendix A.) This flow is presumed to be emanating from the glacial till and/or shallow bedrock units, and is generally a short-lived occurrence.

Another factor in short-term groundwater level variation is evapotranspiration. In areas of dense vegetative cover, groundwater levels can drop significantly in a short period of time due to transpiration of water by plants during the spring/early summer "leaf-out."

4.5 Groundwater Quality

The quality of the groundwater withdrawn by the Cohocton and North Cohocton water districts is such that the only treatment required is chlorination. Water at significant depth in the valley fills in central New York may also have elevated salt content due to the presence of subcropping halite and other evaporate bedrock units.

Groundwater withdrawn from Shale bedrock is often high in sulfates and iron. Hydrogen sulfide gas is often present, especially in darker shale units. One of the domestic bedrock well logs obtained indicated the well was drilled on Dutch Hill Road to a depth of 160 ft., however due to the strong odor and generally dirty nature of the water it was "not useable."

Response is pending to a request submitted to the New York State Department of Health for local groundwater quality data from domestic wells.

4.6 Wetlands

Several NYSDEC-designated wetlands exist in the vicinity of the project site. These wetlands are located as shown on Figures 2 and 6. The wetlands, primarily located in the flood plains of the Cohocton River and Twelvemile Creek, are characterized by emergent vegetation consisting of reeds, rushes and cattails.

Development or construction activities that may have an impact on wetlands may be regulated by NYSDEC and/or the U.S. Army Corps of Engineers.

5. POTENTIAL IMPACTS TO GROUNDWATER RESOURCES

This section provides an assessment of the potential for negative impact to groundwater resources from the proposed wind project construction.

5.1 Identification of Potential Impacts

In general, potentially-negative impacts to groundwater might include:

- lowering of the water table, thereby impacting yield nearby water supply wells;
- a modification to surface runoff or streamflow, thereby affecting groundwater recharge characteristics;
- a degradation in groundwater chemical quality; or
- impact to wetlands.

The following sections discuss the potential for the wind power project to produce negative impacts such as those listed above.

5.2 Description of Proposed Construction

The project will include the following constructed elements, as shown on Figure 2:

- Construction of up to approximately 48 wind turbines as shown on Figure 2. The structures will consist of a single tower constructed on a concrete foundation. The foundations will be one of the two following types, and will be dependent on the subsurface conditions (soil type, depth to bedrock, type and quality of bedrock, etc) and other factors:

  - A spread footing, octagonal in plan, up to 55 ft. in lateral dimension and constructed up to approximately 8 ft. below existing grade; or
  - A cylindrical caisson foundation 18 ft. in diameter constructed 20 ft. to 30 ft. below existing grade.

- Construction of gravel access roads connecting each turbine to existing roads. To the extent possible, the connector roads will utilize existing farm roads.

- Installation of powerlines connecting the various elements of the project (see Figure 2). The turbines will be connected via underground 34.5kv cables. These cables will be collected at a substation south of Lent Hill where the voltage will be increased to 115kv.

  From the collection structure, an above-grade powerline will be installed on poles along Cayward and Ryan Hollow Roads down to the valley floor at State Route 415. The line will continue westward and partially across the Cohocton River Valley where it will turn south, following the existing Livonia, Avon and Lakeville Railroad right-of-way (see photo, Appendix A) to a point south of Wentworth Road. At that point the alignment will turn west again, cross over Interstate 390 and enter an unnamed creek valley along Brown Hill Road. A substation on Brown Hill will increase the voltage to 230kv and the lines will then connect to an existing 230kv overheard line.

The powerline from the Lent Hill substation to the Brown Hill substation will be primarily above-ground on poles; however, there are some areas where it may travel below ground. One such example may be the crossing of Interstate 390, where a directionally-drilled crossing will be considered. Any underground portions will be designed to minimize or avoid entirely any impact to wetlands.

- Construction of one additional power collection station and one substation.

5.3 Assessment of Potential For Impacts

Table 4 presents a matrix cross-referencing each of the potential groundwater impacts described in Section 5.1 with each individual project construction element described in Section 5.2. In general, the proposed construction elements of the project do not appear to present significant potential impacts to groundwater resources in the vicinity of the project. The majority of the construction would involve only shallow soil and/or bedrock excavation, generally within eight feet or less of existing ground surface. Turbine foundation construction could potentially involve deeper excavation, depending on the subsurface conditions. The construction would involve commonly-utilized construction methods such as placement of steel-reinforced concrete and shallow trenching. Such work can be designed and constructed in a controlled and safe fashion with little or no impact to groundwater.

Turbine Foundations: The project element involving the most substantive construction would be installation of the turbine foundations. The spread footing and caisson foundation types would require excavations up 8 ft and 30 ft. bgs, respectively. Such construction could involve bedrock removal. To the extent possible, bedrock removal would be done with conventional excavating equipment; however it is possible that deeper excavations could potentially require the use of explosives. It is also possible this blasting could be performed in part below the water table.

If required, blasting would be done in a controlled fashion using appropriately-sized charge weights and delays, to minimize the amount of ground vibration generated and to limit the bedrock fracturing to the proposed foundation area. Blasting technology has advanced in recent years and bedrock blasting is routinely performed in close proximity to existing structures without causing damage. Based on the anticipated distances between turbine locations and area residences, the potential for impact to the water level within or water yield from a residential well due to blasting is considered to be very low.

During excavation, groundwater infiltrating an excavation may require removal by pumping. This would be only a temporary practice and the water would return to the aquifer through infiltration, with the potential for only a small percentage of loss through evaporation. The volume of loss would not be sufficient to lower groundwater levels at distance from the excavation locations.

The turbine foundations will require placement of large volumes of concrete. During the concrete curing process, it is possible that the groundwater quality in close proximity to the concrete mass may experience a rise in pH value, however this affect would be very localized to the foundation and would be short-lived. Natural surface water infiltration would restore normal pH levels in a relative short period of time.

Access Roads: Construction of the access roads will entail relatively shallow grading and placement of gravel or crushed stone. Such construction will result in only minor redirection of runoff of precipitation to drainage ditches that might have otherwise infiltrated along the road locations. But this runoff will eventually infiltrate thus the overall impact to the groundwater flow regime is negligible.

Overhead Transmission lines - It is currently anticipated that the overhead portion of the powerlines will be installed on wood poles. The poles would generally be installed to depths above the water table, but in those cases where they may extend below the water table they would not be large enough to significantly impact groundwater flow.

It is possible that some of the poles installed along east-west oriented segment and along the LAL railroad right-of-way may require installation within the limits of a NYSDEC-designated wetland and/or the 100 ft. buffer zone. The current design calls for wooden poles to be used and it is assumed the poles will be treated with creosote, pentachlorophenol, copper naphthenate or other similar preservatives. These lumber preservatives are widely used in the utility, railroad and construction industries. Numerous studies by Brooks (2001; and several others) have extensively evaluated potential environmental impacts from the use of such preservatives in many environments, including aquatic environments such as streams and wetlands. In general, the presence of creosote-treated wooden poles results in some loss of polynuclear aromatic hydrocarbon (PAH) compounds to the subsurface; however this loss is confined to soils in the immediate vicinity (within several inches) of the wooden pole or structure, and the PAH compounds are not present in concentrations that compromise biological integrity. Further, the PAHs do not dissolve readily into groundwater and are generally not present at concentrations that are stressful to aquatic plants and animals. Characteristic loss of metals to soils from metals-bearing preservatives show similar results.

Based on these findings and the relatively wide spacing of poles anticipated for this project, the presence of the poles would not be expected to have an adverse impact to the overall wetland environment along the existing railroad right-of-way.

Underground Transmission Lines – The current planned configuration for powerlines involves primarily above-ground installations. One exception to this will be the cables connecting the turbines to collection points. These underground cables are anticipated to be installed to approximate depths of 3 to 4 ft. bgs in a narrow trench. Such construction is not anticipated to have significant impact on groundwater flow. It is possible that some groundwater migration could occur along granular trench bedding material (if utilized), however this will not represent a volume of water sufficient to have an impact at distance from the trench itself. This effect could also be minimized by the installation of low-permeability barriers at regular intervals in the trench bedding material along steeper sections of the alignment.

If the alignments of the proposed underground sections need to cross low-lying areas that could be considered to be wetlands, or if steep ravines need to be crossed, these sections would be avoided through the use of above-ground installations.

Power Collection and Substation Structures - The structures are limited in plan area and are anticipated to be constructed with conventional shallow foundations, thus they are not anticipated to have any measurable impact to groundwater resources.

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Proposed Cohocton Wind Power Project
Cohocton, New York

Table 1

Summary of River and Stream Classifications

Water Body	Classification	DEC Fishery Stocking Code
Cohocton River	C,B	(T)
Salmon Creek	C	-
Reynolds Creek	C	-
Castle Creek	C	(TS)
Neils Creek	C	(TS)
Page Brook	C	-

Notes:

1. NYSDEC Designated 701.8 Classes B and C Fresh Surface Waters
2. The water quality shall be suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes.
3. The best usage of Classes B and C waters is fishing and waters shall be suitable for fish propagation and survival.
4. (TS)= Trout Spawn, (T)= Trout
5. (T) and (TS) designations are protected and require permitting when performing construction

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
BOX 4680 RT 21	ATLANTA NY	14808	1.82	STAR ROUTE ATLANTA NY 14808
4591 ST RTE 21	ATLANTA NY	14808	6.1	4591 ROUTE 21 ATLANTA NY 14808
4840 PINE HILL RD	ATLANTA NY	14808	2.5	4840 PINE HILL RD COHOCTON NY 14868
21 W MAIN ST	ATLANTA NY	14808	0.48	RD2 WAYLAND NY 14572
19 W MAIN ST	ATLANTA NY	14808	0.8	19 W MAIN STREET COHOCTON NY 14826
17 W MAIN ST	ATLANTA NY	14808	0.39	17 W MAIN ST ATLANTA NY 14808
15 W MAIN ST	ATLANTA NY	14808	0.66	15 W MAIN ST ATLANTA NY 14808
13 W MAIN ST	ATLANTA NY	14808	0.46	13 W MAIN ST - CR036 ATLANTA NY 14808
9 W MAIN ST	ATLANTA NY	14808	0.9	9 W MAIN ST ATLANTA NY 14808
7 W MAIN ST	ATLANTA NY	14808	0.29	ATLANTA NY 14808
3 W MAIN ST	ATLANTA NY	14808	0.31	ATLANTA NY 14808
3 MILL ST	ATLANTA NY	14808	0.3	MAPLE AVE ATLANTA NY 14808
12 MAIN ST	ATLANTA NY	14808	1.15	12 MAIN ST ATLANTA NY 14808
	ATLANTA NY	14808	0.66	PO BOX 85 ATLANTA NY 14808
38 WEST AVE	ATLANTA NY	14808	0.48	38 WEST AVE ATLANTA NY 14808
14 W MAIN ST	ATLANTA NY	14808	1.16	14 W MAIN ST ATLANTA NY 14808
12 W MAIN ST	ATLANTA NY	14808	0.38	ATLANTA NY 14808
10 W MAIN ST	ATLANTA NY	14808	0.38	10 W MAIN ST ATLANTA NY 14808
8 W MAIN ST	ATLANTA NY	14809	0.32	8 WEST MAIN ST ATLANTA NY 14808
6 W MAIN ST	ATLANTA NY	14808	0.57	BOX 31 ATLANTA NY 14808
36 WEST AVE	ATLANTA NY	14808	0.39	36 WEST AVENUE ATLANTA NY 14808-0014
13 MAIN ST	ATLANTA NY	14808	0.25	13 MAIN ST ATLANTA NY 14808-0064
	ATLANTA NY	14808	0.76	482 HALEY ROAD ONTARIO NY 14519
15 WEST AVE	ATLANTA NY	14808	0.25	BOX 1693 ANDOVER NY 14806
13 WEST AVE	ATLANTA NY	14808	0.43	13 WEST AVE COHOCTON NY 14826
9 WEST AVE	ATLANTA NY	14808	0.74	9 WEST AVENUE ATLANTA NY 14808-0015
10 MAIN ST	ATLANTA NY	14808	2.5	10 MAIN ST PO BOX 191 ATLANTA NY 14808
5 WEST AVE	ATLANTA NY	14808	0.22	5 WEST AVE ATLANTA NY 14808
	ATLANTA NY	14808	1.12	MAIN STREET ATLANTA NY 14808
12 MAIN ST	ATLANTA NY	14808	0	12 MAIN ST ATLANTA NY 14808
14 MAIN ST	ATLANTA NY	14808	0.61	20 BANK ST HORNELL NY 14843
16 MAIN ST	ATLANTA NY	14808	0	16 MAIN STREET ATLANTA NY 14808
20 MAIN ST	ATLANTA NY	14808	0.28	20 MAIN ST ATLANTA NY 14808
18 MAIN ST	ATLANTA NY	14808	0.22	18 MAIN ST ATLANTA NY 14808

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
32 WEST AVE	ATLANTA NY	14808	0.83	32 WEST AVENUE ATLANTA NY 14808
30 WEST AVE	ATLANTA NY	14808	0.23	30 WEST AVENUE ATLANTA NY 14808
22 WEST AVE	ATLANTA NY	14808	0.51	22 WEST AVE ATLANTA NY 14808
16 WEST AVE	ATLANTA NY	14808	0.69	8015 THORP ROAD WAYLAND NY 14572
14 WEST AVE	ATLANTA NY	14808	0.92	14 WEST AVE ATLANTA NY 14808
24 ERIE ST	ATLANTA NY	14808	0.2	24 ERIE AVE ATLANTA NY 14808
22 ERIE ST	ATLANTA NY	14808	0.5	22 ERIE STREET ATLANTA NY 14808
7 BOGGS ST	ATLANTA NY	14808	0.9	110 LINCOLN ST WAYLAND NY 14572
26 WEST AVE	ATLANTA NY	14808	1.63	26 WEST AVE BOX 243 ATLANTA NY 14808
8 WEST AVE	ATLANTA NY	14808	0.42	8 WEST AVE ATLANTA NY 14808-0152
3810 CR 36	ATLANTA NY	14808	1.6	1126 RT 21 WAYLAND NY 14572
18 ERIE ST	ATLANTA NY	14808	0.42	PO BOX 215 ATLANTA NY 14808
6 WEST AVE	ATLANTA NY	14808	0.42	6 WEST AVENUE ATLANTA NY 14808
	ATLANTA NY	14808	28	ATLANTA-WAYLAND RD WAYLAND NY 14572
14 ERIE ST	ATLANTA NY	14808	0.24	14 ERIE ST ATLANTA NY 14808
3 BOGGS ST	ATLANTA NY	14808	1.78	3 BOGGS ST ATLANTA NY 14808
12 ERIE ST	ATLANTA NY	14808	0.23	12 ERIE ST ATLANTA NY 14808
10 ERIE ST	ATLANTA NY	14808	0.17	10 ERIE ST PO BOX 174 ATLANTA NY 14808
6 ERIE ST	ATLANTA NY	14808	0.22	PO BOX 186 ATLANTA NY 14808
4 ERIE ST	ATLANTA NY	14808	0.32	PO BOX 19 ATLANTA NY 14808
4757 KIRKWOOD RD	ATLANTA NY	14808	16.6	4757 KIRKWOOD RD COHOCTON NY 14826
10890 DIDAS RD	ATLANTA NY	14808	24.05	STAFFORD NY 14143
	ATLANTA NY	14808	100	10743 ATLANTA BACK ROAD ATLANTA NY 14808
4701 CO RD 35 SO	ATLANTA NY	14808	2.88	PO BOX 102 ATLANTA NY 14512
8121 BAUTER RD	AVOCA NY	14809	0.77	8961 ATLANTA-GARLINGHOUSE RD NAPLES NY
10331 RYAN HOLLOW RD	AVOCA NY	14809	9.94	10331 RYAN HOLLOW RD COHOCTON NY 14826
	AVOCA NY	14809	5	PO BOX 236 COHOCTON NY 14826
9212 SR 415	AVOCA NY	14809	72.6	921 SR415 AVOCA NY 14809
3925 BROWN HILL RD	AVOCA NY	14808	106.8	28 EAST HILL DRIVE SMITHTOWN NY 11787
9170 FAIRBROTHER RD	AVOCA NY	14809	3	9170 FAIRBROTHER ROAD AVOCA NY 14809
3889 BROWN HILL RD	AVOCA NY	14809	0.9	3889 BROWN HILL RD AVOCA NY 14809
3900 BROWN HILL RD	AVOCA NY	14809	0.9	3900 BROWN HILL ROAD AVOCA NY 14809
3889B BROWN HILL RD	AVOCA NY	14809	190.9	BROWN HILL RD AVOCA NY 14809
44 LIBERTY ST	BATH NY	14810	0.45	6880 HACKBERRY RD NAPLES NY 14512
3233 CAMERON PL	CALEDONIA NY	14223	20.49	3233 CAMERON PL CALEDONIA NY 14423
	CANANDAIGUA NY	14424	0.73	10757 NYS RTE 371 COHOCTON NY 14826

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
	CANANDAIGUA NY	14424	2.49	PO BOX 1032 CANANDAIGUA NY 14424
52 SENECA DR	CANANDAIGUA NY	14424	6.28	52 SENECA DRIVE CANANDAIGUA NY 14424
52 SENECA DR	CANANDAIGUA NY	14424	18.89	52 SENECA DRIVE CANANDAIGUA NY 14424
	CHURCHTON MD	20733	12.4	4478 MCLEAN HOLLOW RD COHOCTON NY 14826
PO BOX 176	COHOCTON NY	14826	8.28	3518 CR121 COHOCTON NY 14826
	COHOCTON NY	14826	382.1	11 WHEELER ST COHOCTON NY 14826
	COHOCTON NY	14826	186.3	PO BOX 245 COHOCTON NY 14826-0245
4475 PINE HILL RD	COHOCTON NY	14826	2.4	4475 PINE HILL RD COHOCTON NY 14826
4505 PINE HILL RD	COHOCTON NY	14826	1.7	4505 PINE HILL ROAD COHOCTON NY 14826
11416 ST RT 371	COHOCTON NY	14826	143.75	RD2 COHOCTON NY 14826
4457 PINE HL	COHOCTON NY	14826	0.84	PINE HILL ROAD COHOCTON NY 14826
4510 PINE HILL RD	COHOCTON NY	14826	1	N COHOCTON NY 14826
	COHOCTON NY	14826	231.62	11395 PINE HILL ROAD COHOCTON NY 14826
15 S MAIN ST	COHOCTON NY	14826	0.68	15 S MAIN ST COHOCTON NY 14826
5135 KIRKWOOD RD	COHOCTON NY	14826	20.5	5135 KIRKWOOD RD COHOCTON NY 14826
3941 FLEISHMAN RD	COHOCTON NY	14826	32.34	3941 FLEISHMAN RD COHOCTON NY 14826
3942 FLEISHMAN RD	COHOCTON NY	14826	1.74	3942 FLEISHMAN RD COHOCTON NY 14826
11219 DUTCH HILL RD	COHOCTON NY	14826	0.6	RD2 COHOCTON NY 14826
11190 DUTCH HILL RD	COHOCTON NY	14826	30	11190 DUTCH HILL COHOCTON NY 14826
4940 KIRKWOOD RD	COHOCTON NY	14826	11.21	4940 KIRKWOOD RD COHOCTON NY 14826
4931 KIRKWOOD RD	COHOCTON NY	14826	2	4931 KIRKWOOD ROAD COHOCTON NY 14826
11118 DUTCH HILL RD	COHOCTON NY	14826	52.46	11118 DUTCH HILL RD COHOCTON NY 14826
4853 KIRKWOOD RD	COHOCTON NY	14826	26.2	4853 KIRKWOOD ROAD COHOCTON NY 14826
10860 DUTCH HILL RD	COHOCTON NY	14826	91.4	RD DUTCH HOLLOW RD COHOCTON NY 14826
4699 KIRKWOOD RD	COHOCTON NY	14826	5.6	KIRKWOOD ROAD COHOCTON NY 14826
11020 PINE HILL RD	COHOCTON NY	14826	23.71	11020 PINE HILL RD COHOCTON NY 14826
4781 KIRKWOOD RD	COHOCTON NY	14826	2	4781 CR035 COHOCTON NY 14826
4769 KIRKWOOD RD	COHOCTON NY	14826	1.5	4769 KIRKWOOD RD COHOCTON NY 14826
4810 KIRKWOOD RD	COHOCTON NY	14826	7.56	PO BOX 343 COHOCTON NY 14826
12 HILL ST	COHOCTON NY	14826	1	12 HILL ST COHOCTON NY 14826
4660 KIRKWOOD RD	COHOCTON NY	14826	22.9	4660 KIRKWOOD RD COHOCTON NY 14826
4699 KIRKWOOD RD	COHOCTON NY	14826	0	4660 KIRKWOOD RD COHOCTON NY 14826
4690 KIRKWOOD RD	COHOCTON NY	14826	2.7	COHOCTON NY 14826
4658 KIRKWOOD RD	COHOCTON NY	14826	4.6	4658 KIRKWOOD RD COHOCTON NY 14826
4407 KIRKWOOD RD	COHOCTON NY	14826	6	4407 KIRKWOOD RD COHOCTON NY 14826
4636 KIRKWOOD RD	COHOCTON NY	14826	8.3	RD2 COHOCTON NY 14826

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
10965 DUTCH HIL RD	COHOCTON NY	14826	5	10965 DUTCH HILL RD COHOCTON NY 14826
10988 DUTCH HILL RD	COHOCTON NY	14826	2.86	10988 DUTCH HILL ROAD COHOCTON NY 14826
3960 DRUM RD	COHOCTON NY	14826	20	3960 DRUM RD COHOCTON NY 14826
4400 KIRKWOOD RD	COHOCTON NY	14826	10	4400 KIRKWOOD RD COHOCTON NY 14826
5019 DEUSENBERY RD	COHOCTON NY	14826	25	5019 DEUSENBERY RD COHOCTON NY 14826
4480 KIRKWOOD RD	COHOCTON NY	14826	3.5	PO BOX 208 COHOCTON NY 14826
10978 WHEATON RD	COHOCTON NY	14826	0.85	5019 DEUSENBERY RD COHOCTON NY 14826
10925 DIDAS RD	COHOCTON NY	14826	10.75	11871 RT15N WAYLAND NY 14572
4950 DEUSENBERY RD	COHOCTON NY	14826	1.09	4950 DEUSENBERRY RD COHOCTON NY 14826
10799 EDMOND RD	COHOCTON NY	14826	112.25	10799 EDMOND RD COHOCTON NY 14826-9657
10929 STANTON RD	COHOCTON NY	14826	17.45	362 HUFFER RD HILTON NY 14468
10803 DUTCH HILL RD	COHOCTON NY	14826	44.8	11219 DUTCH HILL RD COHOCTON NY 14826
10821 DAVIS HOLLOW RD	COHOCTON NY	14826	11.7	12 CEDAR ST BATH NY 14810
10860 DUTCH HILL RD	COHOCTON NY	14826	3	RD2 COHOCTON NY 14826
10882 ST RTE 371	COHOCTON NY	14826	2.7	10882 COUNTY ROUTE 371 COHOCTON NY 14826
10862 ST RTE 371	COHOCTON NY	14826	3.4	9195 GARLINGHOUSE RD NAPLES NY 14512
10799 EDMOND RD	COHOCTON NY	14826	108	RD1 COHOCTON NY 14826
10852 ST RTE 371	COHOCTON NY	14826	3.2	10852 ST RD 371 COHOCTON NY 14826
10803 DUTCH HILL RD	COHOCTON NY	14826	44.8	11219 DUTCH HILL RD COHOCTON NY 14826
10799 DAVIS HOLLOW RD	COHOCTON NY	14826	1.1	10799 DAVIS HOLLOW RD COHOCTON NY 14826
11118 ST RTE 371	COHOCTON NY	14826	101.7	11118 SR371 COHOCTON NY 14826
10799 EDMOND RD	COHOCTON NY	14826	55.13	10799 EDMOND RD COHOCTON NY 14826
4850 CO RD 35 S	COHOCTON NY	14826	1.2	10799 EDMOND RD COHOCTON NY 14826
10920 BEALS RD	COHOCTON NY	14826	0	BEALS ROAD COHOCTON NY 14826
20 N MAIN ST	COHOCTON NY	14826	16.7	ROUTE 2 COHOCTON NY 14826
4699 KIRKWOOD RD	COHOCTON NY	14826	6.28	10749 BLACK CRK HLW RD COHOCTON NY 14826
10740 ST RTE 371	COHOCTON NY	14826	1.02	10470 NYS ROUTE 371 COHOCTON NY 14826
10601 ATLANTA BACK RD	COHOCTON NY	14826	100.05	10601 ATLANTA BACK ROAD COHOCTON NY 14826
4758 LENT HILL RD	COHOCTON NY	14826	101.77	4758 LENT HILL RD COHOCTON NY 14826
4539 LENT HILL RD	COHOCTON NY	14826	7	4539 LENT HILL RD COHOCTON NY 14826
10689 ST RTE 371	COHOCTON NY	14826	0.83	RD2 BOX 349A COHOCTON NY 14826
10650 DAVIS HOLLOW RD	COHOCTON NY	14826	12.2	COHOCTON NY 14826
4716 LENT HILL RD	COHOCTON NY	14826	59.44	4716 LENT HILL ROAD COHOCTON NY 14826
4610 LENT HILL RD	COHOCTON NY	14826	5.84	4610 LENT HILL RD COHOCTON NY 14826
10799 EDMOND RD	COHOCTON NY	14826	55.13	10799 EDMOND RD COHOCTON NY 14826
10651 ATLANTA BACK RD	COHOCTON NY	14826	1.64	10651 ATLANTA BACK RD COHOCTON NY 14826

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
10645 ST RT 371	COHOCTON NY	14826	2.76	10645 RIVER ROAD COHOCTON NY 14826
10609 DAVIS HOLLOW RD	COHOCTON NY	14826	3	10609 DAVIS HOLLOW ROAD COHOCTON NY 14826
10634 DAVIS HOLLOW RD	COHOCTON NY	14826	0.9	10634 DAVIS HOLLOW RD COHOCTON NY 14826
10533 WISE RD	COHOCTON NY	14826	2.12	WISE ROAD COHOCTON NY 14826
4443 MCLEAN HOLLOW RD	COHOCTON NY	14826	41.2	4443 MCLEAN HOLLOW RD COHOCTON NY 14826
4485 CTY RTE 35	COHOCTON NY	14826	8.7	4485 LENT HILL RD COHOCTON NY 14826
10541 ATLANTA BACK RD	COHOCTON NY	14826	63.29	10551 ATLANTA BACK ROAD COHOCTON NY 14826
10580 ATLANTA BACK RD	COHOCTON NY	14826	12.6	10580 ATLNTA BK RD COHOCTON NY 14826-9633
4443 MCLEAN HOLLOW RD	COHOCTON NY	14826	73	4443 MCLEAN HOLLOW ROAD COHOCTON NY 14826
4390 CO RD 35 SO	COHOCTON NY	14826	6.59	4390 LENT HILL ROAD COHOCTON NY 14826
4385 CO RD 35 SO	COHOCTON NY	14826	0.13	4385 LENT HILL RD COHOCTON NY 14826
4381 LENT HILL RD	COHOCTON NY	14826	0.94	4385 LENT HILL ROAD COHOCTON NY 14826
4674 MCLEAN HOLLOW RD	COHOCTON NY	14826	14.16	8101 CONLON ROAD LEROY NY 14482
4580 MCLEAN RD	COHOCTON NY	14826	15	4580 MCLEAN HOLLOW ROAD COHOCTON NY 14826
3333 HENKLE HOLLOW RD	COHOCTON NY	14826	6.29	3334 HENKLE HOLLOW RD COHOCTON NY 14826
10445 AVERY HOLLOW RD	COHOCTON NY	14826	6.6	10445 AVERY HLL RD COHOCTON NY 14826-9442
3521 CO RTE 121	COHOCTON NY	14826	139	4 MAPLE STREET DANSVILLE NY 14437
4478 MCLEAN HOLLOW RD	COHOCTON NY	14826	15	5003 BLANK HILL RD DANSVILLE NY 14437
4231 LENT HILL RD	COHOCTON NY	14826	3.4	4231 LENT HILL RD COHOCTON NY 14826-9667
10398 RYAN HOLLOW RD	COHOCTON NY	14826	2.6	24 SAILFIRSH DRIVE GROTON CT
10285 AVERY HOLLOW RD	COHOCTON NY	14826	65	10285 AVERY HLW RD COHOCTON NY 14826
3397 CO RD 121	COHOCTON NY	14826	92.4	3397 CO RD 121 COHOCTON NY 14826
9260 ST RTE 21	COHOCTON NY	14826	101	RT 21 WAYLAND NY 14572
4561 NEWCOMB HOLLOW RD	COHOCTON NY	14826	22.61	4561 NEWCOMB HLW RD COHOCTON NY 14826
3619 CTY RD 121	COHOCTON NY	14826	105.24	226 MAIN ST DANSVILLE NY 14437
	COHOCTON NY	14826	1.36	S MAIN ST COHOCTON NY 14826
10251 RYAN HOLLLOW RD	COHOCTON NY	14826	2.2	10570 ROUTE 371 COHOCTON NY 14826
10259 AVERY HOLLOW RD	COHOCTON NY	14826	40	10259 AVERY HOLLOW ROAD COHOCTON NY 14826
3521 CO RTE 121	COHOCTON NY	14826	9.7	4 MAPLE STREET DANSVILLE NY 14437
3397 CO RD 121	COHOCTON NY	14826	1.45	91 ASTOR DRIVE ROCHESTER NY 14610
3619 CTY RD 121	COHOCTON NY	14826	105.24	226 MAIN ST DANSVILLE NY 14437
56 MAPLE AVE	COHOCTON NY	14826	8.7	56 MAPLE AVENUE COHOCTON NY 14826
3535 OIL WELL HOLLOW RD	COHOCTON NY	14826	117.53	3535 OIL WELL HOLLOW RD COHOCTON NY 14826
10139 WAGNER GULLEY	COHOCTON NY	14826	14.21	RD 1 COHOCTON NY 14826
3255 REYNOLDS CREEK RD	COHOCTON NY	14826	0.99	RD2 LOON LAKE RD COHOCTON NY 14826
10049 AVERY HOLLOW RD	COHOCTON NY	14826	5	10049 AVERY HOLLOW RD COHOCTON NY 14826

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
3409 OILWELL HOLLOW RD	COHOCTON NY	14826	5	3409 OIL-WELL RD COHOCTON NY 14826
2 HILL ST	COHOCTON NY	14826	2.16	PO BOX 255 COHOCTON NY 14826
3414 OIL WELL HOLLOW RD	COHOCTON NY	14826	1.25	3064 MAIN ST CALEDONIA NY 14423
3460 POTTER HILL RD	COHOCTON NY	14826	28.44	RD COHOCTON NY 14826
3713 SLAYTON RD	COHOCTON NY	14826	170	RD2 COHOCTON NY 14826
10650 DAVIS HOLLOW RD	COHOCTON NY	14826	10	8 NORTH DANSVILLE STREET COHOCTON NY
9345 WAGER RD	COHOCTON NY	14826	5.28	9345 WAGER RD COHOCTON NY 14826
11269 WHEATON RD	COHOCTON NY	14826	42.88	71 HARWOOD RD SPENCERPORT NY 14559
5855 LENT HILL RD	COHOCTON NY	14826	98.5	5855 LENT HILL RD COHOCTON NY 14826
5834 LENT HILL RD	COHOCTON NY	14826	1.4	COHOCTON NY 14826-9651
5754 LENT HILL RD	COHOCTON NY	14826	82.85	111 SEMINOLE WAY ROCHESTER NY 14618
5754 LENT HILL RD	COHOCTON NY	14826	4	5754 LENT HILL RD COHOCTON NY 14826-9657
5648 LENT HILL RD	COHOCTON NY	14826	3.89	LENT HILL RD COHOCTON NY 14826
5609 LENT HILL RD	COHOCTON NY	14826	27.7	COHOCTON NY 14826-9657
5551 LENT HILL RD	COHOCTON NY	14826	4.5	5551 CO RD 35 COHOCTON NY 14826
10799 EDMOND RD	COHOCTON NY	14826	68.24	10799 EDMOND RD COHOCTON NY 14826
5121 DEUSENBERY RD	COHOCTON NY	14826	5.37	5121 DEUSENBERRY RD COHOCTON NY 14826
11035 WHEATON RD	COHOCTON NY	14826	2.5	PO BOX 96 N COHOCTON NY 14826
10978 WHEATON RD	COHOCTON NY	14826	7.9	5019 DUESENBERY RD COHOCTON NY 14826
5100 DEUSENBERY RD	COHOCTON NY	14826	17	5100 DEUSENBERY RD COHOCTON NY 14826
5310 DEUSENBERY RD	COHOCTON NY	14826	0.39	5310 DEUSENBURY RD COHOCTON NY 14826
5188 DEUSENBERY RD	COHOCTON NY	14826	10	5188 DEUSENBERY COHOCTON NY 14826-9652
5048 DEUSENBERY RD	COHOCTON NY	14826	18.5	810 WEST WOOD TRL WEBSTER NY 14580
10799 EDMOND RD	COHOCTON NY	14826	85	RD2 COHOCTON NY 14826
5164 CO RD 35 S	COHOCTON NY	14826	5	10343 NARROWS RD WAYLAND NY 14572
10617 MATTICE RD	COHOCTON NY	14826	18.72	6427 VICTOR MANCHESTER RD VICTOR NY 14564
3251 REYNOLDS CREEK RD	COHOCTON NY	14826	167.9	3251 REYNOLDS CREEK RD COHOCTON NY 14826
10483 MATTICE RD	COHOCTON NY	14826	8.97	SPRINGWATER NY 14560
10126 MATTICE RD	COHOCTON NY	14826	5	87 BIG TREE ST LIVONIA NY 14487
10126 MATTICE RD	COHOCTON NY	14826	12.12	10126 MATTICE RD COHOCTON NY 14826
10011 COSGRIFF RD	COHOCTON NY	14826	61.3	RD1 COHOCTON NY 14826
10013 MATTICE RD	COHOCTON NY	14826	5.22	1 PARK AVE COHOCTON NY 14826
10019 LAKE HOLLOW RD	COHOCTON NY	14826	2.5	10019 LAKE HOLLOW RD COHOCTON NY 14826
3682 JONES RD	COHOCTON NY	14826	22.3	3682 JONES ROAD COHOCTON NY 14826
10005 LAKE HOLLOW RD	COHOCTON NY	14826	2.95	10005 LAKE HOLLOW ROAD COHOCTON NY 14826
3520 OFF POTTER HILL RD	COHOCTON NY	14826	126	3520 POTTER HILL RD COHOCTON NY 14826

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
3959 NOBLE RD	COHOCTON NY	14826	145.45	3959 NOBLE ROAD COHOCTON NY 14826
9625 FLINT RD	COHOCTON NY	14826	38.03	35 SYNDENHAM RD ROCHESTER NY 14609
3717 GRUBER RD	COHOCTON NY	14826	75	RD COHOCTON NY 14826
3771 GRUBER RD	COHOCTON NY	14826	1.8	3771 GRUBER RD COHOCTON NY 14826
3189 BROWN HILL RD	COHOCTON NY	14826	3	3189 BROWN HILL ROAD COHOCTON NY 14826
3200 BROWN HILL RD	COHOCTON NY	14826	116.36	3200 BROWN HILL RD COHOCTON NY 14826
3200 BROWN HILL RD	COHOCTON NY	14826	5	3200 BROWN HILL RD COHOCTON NY 14826
3 CRESTWOOD RD	CORNING NY	14830	31.87	3 CRESTWOOD CRIVE CORNING NY 14830
11801 HARRINGTON DR	CORNING NY	14830	5.37	11801 HARRINGTON DR CORNING NY 14830
29 LIBERTY ST	DANSVILLE NY	14437	1.8	29 LIBERTY ST DANSVILLE NY 14437
522 E CENTER ST	DOUGLAS WY	82633	4.34	3883 WEST MAIN ST WILLIAMSON NY 14589
57 PARK CIR	FAIRPORT NY	14450	84	57 PARK CIRCLE FAIRPORT NY 14450-2534
57 PARK CIR	FAIRPORT NY	14450	45.3	57 PARK CIRCLE DR FAIRPORT NY 14450
162 N MAIN ST	FAIRPORT NY	14450	66	162 N MAIN ST FAIRPORT NY 14450
5728 DOBSON DR	FAYETTEVILLE NC	28311	8.5	74 ROXBOROUGH ROAD ROCHESTER NY 14619
77 ROSS AVE	HACKENSACK NJ	7601	6.58	77 ROSS AVE HACKENSACK NJ 07601
	HENRIETTA NY	14467	4.3	PO BOX 448 HENRIETTA NY 14467
6 MAPLEWOOD AVE	HONEOYE FALLS N	14472	4.56	4825 PINE HILL RD HONEOYE FALLS NY 14472
7479 COUNTY LINE RD	NAPLES NY	14512	3	7479 COUNTY LINE RD NAPELS NY 14512
7347 COUNTY LINE RD	NAPLES NY	14512	4.4	133 HILLVIEW DRIVE ROCHESTER NY 14622
150 S MAIN ST	NAPLES NY	14512	88.06	150 S MAIN ST NAPLES NY 14512
11750 LYON RD	NAPLES NY	14512	7.53	11750 LYON RD NAPLES NY 14512
11761 LYON RD	NAPLES NY	14512	16.72	11761 LYON ROAD COHOCTON NY 14826
11743 LYON RD	NAPLES NY	14512	2	PO BOX 464 NAPLES NY 14512
	NAPLES NY	14512	0.16	PO BOX 832 NAPLES NY 14512
120 MARTIN RD	NAPLES NY	14512	9.9	120 MARTIN RD NAPLES NY 14512
30 REED ST	NAPLES NY	14512	6.1	30 REED ST NAPLES NY 14512
10 MECHANIC ST	NAPLES NY	14512	3	3361 BROWN HILL RD COHOCTON NY 14826
11799 LEWIS RD	NAPLES NY	14512	8.03	11811 LEWIS ROAD NAPLES NY 14512
11763 LEWIS RD	NAPLES NY	14512	15.2	11763 LEWIS RD NAPLES NY 14512
11767 LEWIS RD	NAPLES NY	14512	1.7	11767 LEWIS RD NAPLES NY 14512
11745 LEWIS RD	NAPLES NY	14512	14.08	11145 LEWIS ROAD NAPLES NY 14512
11723 PECK RD	NAPLES NY	14512	19.5	11723 PECK RD NAPLES NY 14512
5029 MOORE RD	NAPLES NY	14512	35.58	6947 CO RD 34 NAPLES NY 14512
3200 FLINT HILL RD	NAPLES NY	14512	107.68	3200 FLINT HILL ROAD NAPLES NY 14512
16 WAYLAND ST	NO COHOCTON NY	14808	1.11	16 WAYLAND STREET ATLANTA NY 14808

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
6587 SLOCUM RD	ONTARIO NY	14519	21.54	6587 SLOCUM ROAD ONTARIO NY 14519
1910 PENFIELD RD	PENFIELD NY	14526	100	1910 PENFIELD RD PENFIELD NY 14526
2007 DUBLIN RD	PENFIELD NY	14526	9.37	2007 DUBLIN RD PENFIELD NY 14526
100 PENN SQ E	PHILADELPHIA PA	19107	0.33	5 WEST MAIN ST ATLANTA NY 14826
5425 CHAPMAN RD	PRATTSBURG NY	14873	60.94	5425 CHAPMAN ROAD PRATTSBURGH NY 14873
180 SOUTH CLINTON AVE	ROCHESTER NY	14646	0.18	180 SOUTH CLINTON AVE ROCHESTER NY 14646
83 SCHOLFIELD RD WEST	ROCHESTER NY	14617	57.2	83 SCHOLFIELD ROAD ROCHESTER NY 14614
5090 ST PAUL BLVD	ROCHESTER NY	14617	22.4	206 RYE ROAD ROCHESTER NY 14626
1095 LAKESHORE BLVD	ROCHESTER NY	14617	63	950 BROWN RD ROCHESTER NY 14622
	ROCHESTER NY	14692	62.77	31 HARVEST DR ROCHESTER NY 14626
25 AUSTIN ST	ROCHESTER NY	14606	46.2	23 FULTON AVENUE ROCHESTER NY 14608
170 BAY VIEW RD	ROCHESTER NY	14609	4	170 BAYVIEW ROAD ROCHESTER NY 14609
2387 OAKVIEW DR	ROCHESTER NY	14617	17.55	115 RESOLUTE ST ROCHESTER NY 14621
710 ROCK BEACH RD	ROCHESTER NY	14617	48.5	710 ROCK BEACH RD ROCHESTER NY 14617
172 OAK BRIDGE WAY	ROCHESTER NY	14612	7.13	172 OAKBRIDGE WAY ROCHESTER NY 14612
374 WELLINGTON AVE	ROCHESTER NY	14619	105	374 WELLINGTON AVE ROCHESTER NY 14619
54 ELMORE DR	ROCHESTER NY	14606	45.97	54 ELMORE DR ROCHESTER NY 14606
99 PELHAM RD	ROCHESTER NY	14610	211.9	99 PELHAM ROAD ROCHESTER NY 14610
33 RYANS RUNNE	ROCHESTER NY	14624	13.14	33 RYANS RUN ROCHESTER NY 14624-1160
23 JENNIFER CIR	ROCHESTER NY	14606	13.51	23 JENNIFER CIRCLE ROCHESTER NY 14606
	ROCHESTER NY	14618	11	PO BOX 18939 ROCHESTER NY 14618-8939
710 ROCK BEACH RD	ROCHESTER NY	14617	152.32	1125 WEST SIDE DR CHILI NY 14624
1218 RUSH HENRIETTA TL RD	RUSH NY	14543	9.03	RUSH NY 14543
5674 EAST SWAMP RD	SCOTTSBURG NY	14545	7.21	ATLANTA BACK RD COHOCTON NY 14826
4516 ALTON-LYONS RD	SODUS NY	14551	46.8	4516 ALTON-LYONS RD SODUS NY 14551
9295 HOLMES RD	SPRINGWATER NY	14560	70.3	9295 HOLMES RD SPRINGWATER NY 14560
1863 LEXINGTON PL	TARPON SPRINGS F	34688	0.31	ATLANTA NY 14808
555 MORGAN ST	TONAWANDA NY	14150	1.94	DEUSENBERRY RD COHOCTON NY 14826
2754 S BROAD ST	TRENTON NJ	8610	10	2754 S BROAD ST TRENTON NJ 08610
10343 NARROWS RD	WAYLAND NY	14572	110	10343 NARROWS RD WAYLAND NY 14572
111 LINCOLN ST	WAYLAND NY	14572	68.14	111 LINCOLN STREET WAYLAND NY 14572
3525 CO RD 36	WAYLAND NY	14572	97.8	10 MACKAY ST ATLANTA NY 14808
3689 CTY RTE 36	WAYLAND NY	14572	27.55	3689 CR036 WAYLAND NY 14572
3720 ST RTE 21 NO	WAYLAND NY	14572	0.3	WAYLAND NY 14572
10782 RTE 21 S	WAYLAND NY	14572	2	10782 ROUTE 21S WAYLAND NY 14572
3788 CTY RD 36	WAYLAND NY	14572	1.6	201 HAMILTON ST WAYLAND NY 14572

Cohocton Wind Power Project

Cohocton, New York

Table 2

Listing of Project Area Residential Addresses

PARCEL ADDRESS	PARCEL CITY	PARCEL ZIP	PARCEL ACRES	MAILING ADDRESS
11210 BLACK CREEK RD	WAYLAND NY	14572	0	11210 BLACK CREEK RD WAYLAND NY 14572
117 LACKAWANNA ST	WAYLAND NY	14572	9.5	117 LACKAWANNA ST WAYLAND NY 14572
11845 SCHRADER RD	WAYLAND NY	14572	411.8	11845 SCHRADER RD WAYLAND NY 14572
11845 SCHRADER RD	WAYLAND NY	14572	411.8	11845 SCHRADER RD WAYLAND NY 14572
954 FIVE MILE LINE RD	WEBSTER NY	14580	0.44	954 FIVE MILE LINE RD WEBSTER NY 14580
706 MARINER CIR	WEBSTER NY	14580	23.68	PO BOX 520 NAPLES NY 14512
15 PERRIWINKLE WAY	WEBSTER NY	14580	68	26 CITRUS DR ROCHESTER NY 14606
852 SHOEMAKER RD	WEBSTER NY	14580	63.3	852 SHOEMAKER ROAD WEBSTER NY 14580
5105 SUMMERHILL RD	ZEPHYRHILLS FL	33542	0.38	3 BOGGS STREET ATLANTA NY 14808

Proposed Cohocton Wind Power Project
Cohocton, New York

Table 3
Summary of NYSDEC-Registered Wells

Well ID	Address	Well Type	Latitude	Longitude	Ground Surface Elevation	Depth of well (ft.)	Depth to Groundwater (ft)	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Casing Length (ft.)	Yield (gpm)
Bedrock Wells											
SB1628	Dutch Hill Rd.	Domestic	42' 32' 27.72"	77' 29' 55.74"	1750	160	NA	NA	NA	64	NA
SB1655	Dutch Hill Rd.	Domestic	42' 22' 26.02"	77' 29' 52.90"	1780	260	NA	NA	NA	120	4
SB1840	Dutch Hill Rd.	Domestic	42' 32' 38.20"	77' 29' 47.05"	1846	300	NA	NA	NA	80	7
SB1207	Lake Hollow Rd.	Domestic	42' 27.776'	77' 31.657'	2050	255	195	NA	NA	55	15
SB1324	Potter Hill Rd.	Domestic	42' 28' 23.87"	77' 31' 7.80"	1846	490	NA	NA	NA	37.5	1
SB1506	Wagner Gully Rd.	Domestic	42' 29' 13.04"	77' 26' 35.24"	1929	380	NA	NA	NA	241	8
SB 1448		Domestic	42' 33.945"	77' 29.242"	1208	42	NA	NA	NA	42	NA
SB1515	Potter Hill Rd.	Domestic	NA	NA	1764	220	60	NA	NA	125	6
Overburden Wells											
SB1411	River Rd.	Domestic	42' 30.820'	77' 28.617'	1221	28	8	NA	NA	28	20
SB1451	Neils Creek Rd.	Domestic	42' 25' 48.53"	77' 29' 37.29"	1333	30	NA	NA	NA	32	15
SB1737	NYS Rt. 371	Municipal Supply	42' 31.29'	77' 28' 39"	1301	94	NA	84	94	84	NA
SB1580	NYS Rt. 371	Municipal Supply	42' 31.307'	77' 28.330'	1304	100	16.3	90	100'	30	421

Notes:

1. See Figure 2 for approximate well locations.
2. "NA" indicates "Not Available" or "Not Applicable."

Proposed Cohocton Wind Power Project
Cohocton, New York

Table 4
Potential Groundwater Impact Summary

Project Element	Potential Impacts				Remarks
	Water Table Change	Runoff Modification	Change in Groundwater Chemical Quality	Wetland Impact	
Turbine Spread-footing Foundation	None	None	Temporary localized increase in pH from concrete	None	Potential for bedrock blasting
Turbine Caisson Foundation	None	None	Temporary localized increase in pH from concrete	None	Potential for bedrock blasting
Access Roads	None	Minor channeling of runoff to drainage ditches	None	None	
Belowgrade Transmission Lines	None	Minor potential for shallow groundwater migration in trench backfill	None	None	From turbine areas down to main valley
Power Collection Structure	None	None	None	None	Shallow foundation
Overhead Transmission Lines	None	None	None	Potential for installation at edge of wetland	Wood Poles
Substation	None	None	None	Shallow foundation	Shallow foundation

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APPENDIX A

Selected Site Photographs

Possible Turbine Location
Avery Hollow Rd, Facing North

Emergent Stream at Possible Turbine Location
Avery Hollow Rd

Creek Flowing Over Bedrock
Near Possible Turbine Site
Mattice Rd.

Bedrock Outcrop - Mattice Rd.

Kirkwood Creek at Kirkwood Road

Stream Along
Stanton Rd.

Typical Drainage Ditch, Excavated in Glacial Till, Lent Hill Rd.

Bedrock outcrop, Lent Hill, Facing North

Potential Turbine location on Pine Hill Rd.

Typical Landscape, Pine Hill Area

View Southwest of Twelvemile Creek Valley
From Wagner Gully Rd.

Lakeville and Livonia RR,
Looking North From Wentworth Rd.

Apparent Spring on Private Property, Stanton Rd.
(white pipe in center of photo)

Typical Hillside Stream, Beecher Rd.

Emergent Stream, Rynders Rd., Looking East

Pond at Corner of Stanton and Lent Hill Roads

APPENDIX B

Logs of NYSDEC-Registered Water Wells

New York State Department of Environmental Conservation
Division of Water
Bureau of Water Resource Management, 4th Floor
625 Broadway, Albany, New York 12233-3508
Toll Free: (877) 472-2619 • **Ph:** (518) 402-8291 • **FAX:** (518) 402-8290
Website: www.dec.state.ny.us/website/dow
Email: NYSWells@gw.dec.state.ny.us

Denise M. Sheehan
Commissioner

December 6, 2005

Bob Mahoney
c/o Haley & Aldrich
200 Town Centre Dr., Suite 2
Rochester, NY 14623

Re: Foil No. 05-2076
Town Water Well Records

Dear Mr. Mahoney:

The Bureau of Water Resource Management, within the Division of Water (DOW), has received your Freedom of Information Request dated November 29, 2005. This bureau has program responsibilities for the registration of water well drillers and the collection of water well records. The records we maintain are well completion reports which contain information pertaining to the construction of water wells (depth, yield, materials encountered, and it's location). Your information request may have been sent to other units of this Department who are responsible for responding to you separately.

We have located 50 (fifty) records to be responsive to your request. There is a $0.25 charge per page for reproduction costs associated with this request.

Please remit, with this letter or a copy, thereof, a check or money order, made payable to the New York State Department of Environmental Conservation, in the amount of $12.50; that is, $.25 cents per photocopy. Enclosed are the copies you requested.

Future communications relative to this request may be sent to:
NYSDEC, Div. of Water
Bureau of Water Resource Management, Water Well Program
625 Broadway, 4th Floor
Albany, NY 12233-3508
(Telephone # 518 402-8291)

Sincerely,

Camille Bright

Camille Bright
Environmental Analyst

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County STEUBEN

(2) Township COHOCTON

(3) DEC Well Number SB 1411

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS RIVER RD. COHOCTON

(6) LOCATION OF WELL (See Instructions On Reverse)
Show Lat/Long if available and method used:
☑ GPS ☐ DEC Website ☐ Map Interpolation 42° 30.820' W 77° 28.617

LOG *

Ground Surface EL. 1226 ft. above sea level

Top Of Casing is located 2 ft. above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 28'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) 8 DATE MEASURED 5/3/02

CASINGS

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

(10) LENGTH 28' ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING NATURAL - DRILL CUTTINGS

(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 5/3/02

(19) DURATION OF TEST 30 min

(20) LIFT METHOD ☐ Pump ☐ Air Lift ☑ Bail

(21) STABILIZED DISCHARGE (GPM) 20

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) 8'

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) 18'

(24) RECOVERY (Time in hours/minutes) 15 min

(25) Was the water produced during 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) DOMESTIC

(36) DATE DRILLING WORK STARTED 5/3/02

(37) DATE DRILLING WORK COMPLETED 5/3/02

(38) DATE REPORT FILED 4/16/03

(39) DRILLER & COMPANY RON HALL DANSVILLE WATERWORKS

(40) DEC REGISTRATION NO. 10294

TOP OF WELL

0-15' COARSE BROWN GRAVEL

15'-28' WATER BEARING COARSE BROWN SAND & GRAVEL

28' BOTTOM

BOTTOM OF HOLE

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Avoca

(3) DEC Well Number SB1451

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS 14809 Neils Creek Rd, Avoca NY

(6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: 042° 25' 48.53" N 077° 29' 37.29" W Neils Creek Rd.

☐ GPS ☐ DEC Website ☒ Map Interpolation

LOG *

Ground Surface EL. 1333 ft. above sea level

Top Of Casing is located +2' ft.above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet)	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet)	DATE MEASURED
30'		

CASINGS

(9) DIAMETER	6 in.	in.	in.	in.
(10) LENGTH	32 ft.	ft.	ft.	in.

(11) GROUT TYPE / SEALING

(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 6/24/02

(19) DURATION OF TEST 60 min

(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)

(25) Was the water produced during 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) Domestic

(36) DATE DRILLING WORK STARTED 6/24/02

(37) DATE DRILLING WORK COMPLETED 6/24/02

(38) DATE REPORT FILED	(39) DRILLER & COMPANY	(40) DEC REGISTRATION NO.
8/14/02	William A. Moravec Barney Moravec Inc	10024

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

TOP OF WELL

Gravel

7'

Clay

Static Water Level 10'

27'

Gravel

30'

BOTTOM OF HOLE

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB1628

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS Dutch Hill Rd Cohocton 14827 NY

(6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: Dutch Hill Rd, 042° 32' 27.76" N 077° 29' 55.74" W

☐ GPS ☐ DEC Website ☒ Map Interpolation

LOG *

Ground Surface EL. 1750 ft. above sea level

Top Of Casing is located _____ ft.above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet)	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet)	DATE MEASURED
160'		

CASINGS

(9) DIAMETER	6 in.	in.	in.	in.
(10) LENGTH	64 ft.	ft.	ft.	in.

(11) GROUT TYPE / SEALING

(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

(19) DURATION OF TEST

(20) LIFT METHOD ☐ Pump ☐ Air Lift ☐ Bail

(21) STABILIZED DISCHARGE (GPM)

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing)

(24) RECOVERY (Time in hours/minutes)

(25) Was the water produced during 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) not usable

(36) DATE DRILLING WORK STARTED 6/23/03

(37) DATE DRILLING WORK COMPLETED 6/24/03

(38) DATE REPORT FILED	(39) DRILLER & COMPANY	(40) DEC REGISTRATION NO.
8/27/03	William A. Moravec Barney Moravec Inc	10024

TOP OF WELL

Glacial till

—24'

very broken shale

↓ sandstone streaks

Large void at 111' - (1st water) water had very strong odor, very dusty (not usable)

—160'

BOTTOM OF HOLE

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number S21655

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS Dutch Hill Rd Cohocton NY 14826

(6) LOCATION OF WELL (See Instructions On Reverse) Dutch Hill Rd
Show Lat/Long if available and method used:
☐ GPS ☐ DEC Website ☒ Map Interpolation 042°32'06.02"N 077°29'52.90"W

LOG *

Ground Surface EL. 1780 ft. above sea level

Top Of Casing is located _____ ft.above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet)	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet)	DATE MEASURED
260		

CASINGS

(9) DIAMETER	6 in.	in.	in.	in.
(10) LENGTH	120'4" ft.	ft.	Grouted betw 6" pipe & 8" hole	in.

(11) GROUT TYPE / SEALING: bensea l - 10bags	(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)

TEST DATA

(18) DATE 7/31/03	(19) DURATION OF TEST @ 90 min
(20) LIFT METHOD ☐ Pump ☑ Air Lift ☐ Bail	(21) STABILIZED DISCHARGE (GPM) 4
(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)	(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing)
(24) RECOVERY (Time in hours/minutes)	(25) Was the water produced during test discharged away from immediate area? Yes ___ No ___

PUMP INSTALLATION DATA

(26) PUMP INSTALLED? YES X NO ___	(27) DATE 9/3/03	(28) PUMP INSTALLER Rich Moravec
(29) TYPE Subm	(30) MAKE Goulds	(31) MODEL 7GS07422
(32) MAXIMUM CAPACITY (GPM) 7	(33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) 255'	

(34) METHOD OF DRILLING ☒ Rotary ☐ Cable Tool ☐ Other _____	(35) USE OF WATER (see instructions for choices) Domestic
(36) DATE DRILLING WORK STARTED 7/29/03	(37) DATE DRILLING WORK COMPLETED 7/31/03

(38) DATE REPORT FILED 8/27/03	(39) DRILLER & COMPANY William H. Moravec Barney Moravec Inc	(40) DEC REGISTRATION NO. 10024

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

TOP OF WELL

Glacial Till

28'

Fractured sand stone

70'

Decent shale

120'

Shale, sandstone streaks

Pressurized w/water fr. 125 ft down

260'

BOTTOM OF HOLE

DRILLER COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Town Cohocton

(3) DEC Well Number SB1840

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS Dutch Hill Rd, Cohocton NY 14826

(6) LOCATION OF WELL (See Instructions On Reverse) Dutch Hill Rd.
Show Lat/Long if available and method used:
☐ GPS ☐ DEC Website ☒ Map Interpolation 42° 32' 38.20" N 77° 29' 47.05" W

LOG *

Ground Surface EL. 1846 ft. above sea level

Top Of Casing is located _____ ft.above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet)	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet)	DATE MEASURED
300'		

CASINGS

(9) DIAMETER			
6 in.	in.	in.	in.
(10) LENGTH			
80'4" ft.	ft.	ft.	in.

(11) GROUT TYPE / SEALING	(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	(19) DURATION OF TEST
9/29/04	60 min
(20) LIFT METHOD ☐ Pump ☒ Air Lift ☐ Bail	(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)	(25) Was the water produced during 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	(35) USE OF WATER (see instructions for choices)
☒ Rotary ☐ Cable Tool ☐ Other _____	Domestic
(36) DATE DRILLING WORK STARTED	**(37) DATE DRILLING WORK COMPLETED**
9/28/04	9/29/04

(38) DATE REPORT FILED	(39) DRILLER & COMPANY	(40) DEC REGISTRATION NO.
10/11/04	William A. Moravec Barney Moravec Inc	10024

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

TOP OF WELL

Glacial till
40'
Broken shale w/ clay streaks
78'
Shale & sandstone
1st water at 145' - approx 2 gpm - quite dirty & yellow, second water at 295' - 5 gpm
300'

BOTTOM OF HOLE

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County STEUBEN

(2) Township COHOCTON

(3) DEC Well Number SB1207

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS LAKE Hollow RD. Cohocton NY

(6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: ✓ GPS ☐ DEC Website ☐ Map Interpolation N 42°27.776' W 077°31.657'

LOG *

Ground Surface EL. 2050 ft. above sea level

Top Of Casing is located 1 ft. above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 255

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) 195 DATE MEASURED 6/1/01

CASINGS

(9) DIAMETER	6 in.	in.	in.	in.
(10) LENGTH	55' ft.	ft.	ft.	in.

(11) GROUT TYPE / SEALING BENTONITE

(12) GROUT / SEALING INTERVAL (Feet) FROM 0 TO 20

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 6/1/01

(19) DURATION OF TEST 45'

(20) LIFT METHOD ☐ Pump ☐ Air Lift ✓ Bail

(21) STABILIZED DISCHARGE (GPM) 15

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) 195'

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) 200'

(24) RECOVERY (Time in hours/minutes) 20min

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

PUMP INSTALLATION

(26) PUMP INSTALLED? YES ✓ NO ___

(27) DATE 6/25/01

(28) PUMP INSTALLER RON HALL

(29) TYPE SUB

(30) MAKE GOULDS

(31) MODEL 7GS10422

(32) MAXIMUM CAPACITY (GPM) 10

(33) PUMP INSTALLATION LEVEL FROM TOP OF CASING (Feet) 250

(34) METHOD OF DRILLING ☐ Rotary ✓ Cable Tool ☐ Other ___

(35) USE OF WATER (see instructions for choices) DOMESTIC

(36) DATE DRILLING WORK STARTED 5/26/01

(37) DATE DRILLING WORK COMPLETED 6/1/01

(38) DATE REPORT FILED 4/14/02

(39) DRILLER & COMPANY RON HALL DANSVILLE WATER WELLS

(40) DEC REGISTRATION NO. 10294 ~~SB1207~~

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

TOP OF WELL

0-10' LARGE FLAT CHUNKS BROWN SANDSTONE

10-35' BROWN SANDY GRAVEL

35-50' BROWN + GREY CLAY + GRAVEL

50-255 BROWN SANDSTONE

255' BOTTOM

BOTTOM OF HOLE

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB 1324

WELL COMPLETION REPORT

(4) OWNER –

(5) ADDRESS East Ave Rochester NY 14604

(6) LOCATION OF WELL (See Instructions On Reverse) Potter Hill Rd.
Show Lat/Long if available and method used: 042° 28' 23.87"N 077° 31' 7.80"W
☐ GPS ☐ DEC Website ☒ Map Interpolation

LOG *

Ground Surface EL. 1846 ft. above sea level

Top Of Casing is located _____ ft.above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 490'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) DATE MEASURED

CASINGS

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

(10) LENGTH: 37' 5 1/2" | ft. | ft. | in.

(11) GROUT TYPE / SEALING

(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 11/12/01

(19) DURATION OF TEST 60 min

(20) LIFT METHOD ☐ Pump ☒ Air Lift ☐ Bail

(21) STABILIZED DISCHARGE (GPM)

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing)

(24) RECOVERY (Time in hours/minutes)

(25) Was the water produced during 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) Domestic

(36) DATE DRILLING WORK STARTED 11/7/01

(37) DATE DRILLING WORK COMPLETED 11/12/01

(38) DATE REPORT FILED 12/3/01

(39) DRILLER & COMPANY William A. Moravec Barney Moravec Inc.

(40) DEC REGISTRATION NO. 10024

TOP OF WELL

Glacial till

34'

Shale & sandstone

490'

BOTTOM OF HOLE

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB1448

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS State Rte 21 Wayland, NY 14572

(6) LOCATION OF WELL (See Instructions On Reverse)
Show Lat/Long if available and method used: 42°33.945N 77°29.242W
☒ GPS ☐ DEC Website ☐ Map Interpolation

LOG *

Ground Surface El. 1208 ft. above sea level

Top Of Casing is located 2 approx ft. above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 42'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) DATE MEASURED

CASINGS

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

(10) LENGTH: 42' ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING

(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

(19) DURATION OF TEST

(20) LIFT METHOD ☐ Pump ☐ Air Lift ☐ Bail

(21) STABILIZED DISCHARGE (GPM)

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing)

(24) RECOVERY (Time in hours/minutes)

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

PUMP INSTALLATION

(26) PUMP INSTALLED? YES ___ NO X

(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) farm/domestic

(36) DATE DRILLING WORK STARTED 6/21/02

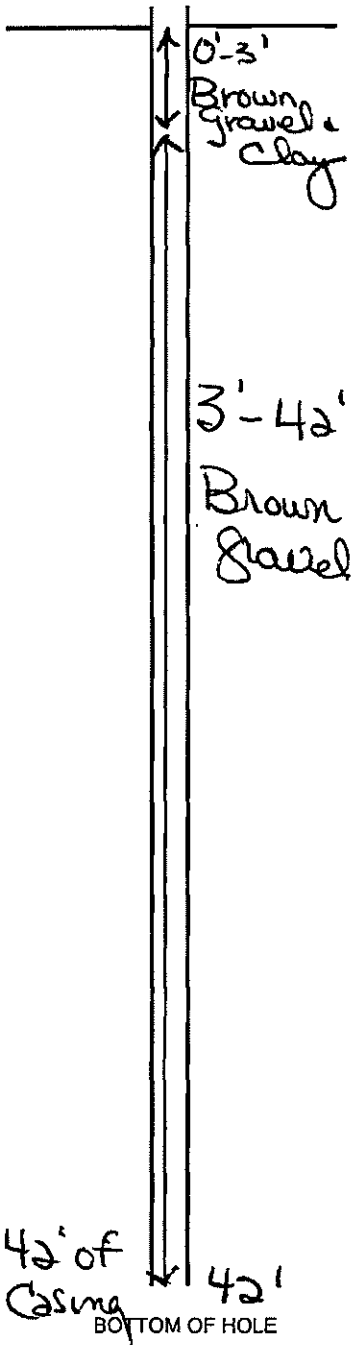
(37) DATE DRILLING WORK COMPLETED 6/21/02

(38) DATE REPORT FILED	(39) DRILLER & COMPANY	(40) DEC REGISTRATION NO.
6/21/02	Updike Water Well Drillers Milton E. Updike	NYRD10070

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

TOP OF WELL



NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB 1506

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS Wagner Gully Rd Cohocton 14826 NY

(6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: Wagner Gully Rd 042° 29' 13.04" N 077° 26' 35.24" W
☐ GPS ☐ DEC Website ☒ Map Interpolation

LOG *

Ground Surface EL. 1929 ft. above sea level

Top Of Casing is located _____ ft. above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 380'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) DATE MEASURED

CASINGS

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

(10) LENGTH: 241 ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING

(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 9/6/02

(19) DURATION OF TEST 90 min

(20) LIFT METHOD ☐ Pump ☒ Air Lift ☐ Bail

(21) STABILIZED DISCHARGE (GPM) 8-10

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing)

(24) RECOVERY (Time in hours/minutes)

(25) Was the water produced during 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) Domestic

(36) DATE DRILLING WORK STARTED 9/5/02

(37) DATE DRILLING WORK COMPLETED 9/6/02

(38) DATE REPORT FILED 10/15/02

(39) DRILLER & COMPANY William A. Moravec Barney Moravec Inc

(40) DEC REGISTRATION NO. 10024

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

TOP OF WELL

Glacial till
2'
Shale & broken sandstone
190
Shale w/sandstone streaks
380

BOTTOM OF HOLE

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County STEUBEN

(2) Township COHOCTON

(3) DEC Well Number SB1515

WELL COMPLETION REPORT

(4) OWNER

(5) ADDRESS POTTER HILL RD COHOCTON 14826

(6) LOCATION OF WELL (See Instructions On Reverse)
Show Lat/Long if available
and method used:
☑ GPS ☐ DEC Website ☐ Map Interpolation

LOG *

Ground Surface EL. 1764 ft. above sea level

Top Of Casing is located 2' ft.above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 220'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) 60 DATE MEASURED 8/25/02

CASINGS

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

(10) LENGTH: 125' ft. | ft. | ft. | in.

(11) GROUT TYPE / SEALING: NATURAL-DRILL CUTTINGS

(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 8/25/02

(19) DURATION OF TEST 30 MIN

(20) LIFT METHOD ☐ Pump ☐ Air Lift ☑ Bail

(21) STABILIZED DISCHARGE (GPM) 6

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) 60'

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) 212

(24) RECOVERY (Time in hours/minutes) 6hr30 min

(25) Was the water produced during 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) DOMESTIC

(36) DATE DRILLING WORK STARTED 8/21/02

(37) DATE DRILLING WORK COMPLETED 8/25/02

(38) DATE REPORT FILED 4/4/03

(39) DRILLER & COMPANY RON HALL DANSVILLE WATERWELLS

(40) DEC REGISTRATION NO. 10294

TOP OF WELL

0-18'	BROWN GRAVEL SAND MIX
18-45'	BROWN CLAY W/ SOME GRAVEL
45-85'	BROWN SAND- DIRTY NON WATER BEARING
85'-118'	BROWN CLAY GRAVEL MIX
118'-150'	BROWN SAND STONE
150-220'	GREY SAND STONE WATER BEARING
220'	BOTTOM

BOTTOM OF HOLE

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

NYSDEC COPY

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB-1580

WELL COMPLETION REPORT

(4) OWNER Village of Cohocton

(5) ADDRESS P.O. Box , Cohocton, NY 14826

(6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: 42:31.307 77:28.330
☒ GPS ☐ DEC Website ☐ Map Interpolation
GAGE IN E-TARX

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 100'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) 16.3' DATE MEASURED 1-23-03

(9) DIAMETER 16" in. | 10" in. (16" removed) in.

(10) LENGTH 30' in. | 100' in. | 90'-10" left in place

(11) GROUT TYPE / SEALING cement

(12) GROUT / SEALING INTERVAL (Feet) 30' FROM 30' TO 0'

(13) MAKE & MATERIAL Alloy Machine - Stainless Steel Wirewrap 0.100"

(14) OPENINGS

(15) DIAMETER 10" in. telescope in. (8-7/8" I.D.) in.

(16) LENGTH 12' (top 2' - 0.000' tight wrap).

(17) DEPTH TO TOP OF SCREEN, FROM TOP OF CASING (Feet) 90

(18) DATE 1-28 to 1-30-03

(19) DURATION OF TEST 49 hours

(20) LIFT METHOD TEST ☒ Pump ☐ Air Lift ☐ Bail

(21) STABILIZED DISCHARGE (GPM) 421 gpm

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing) 16.3'

(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing) 4.78'

(24) RECOVERY (Time in hours/minutes) 3 hrs

(25) Was the water produced during test discharged away from immediate area? Yes ✓ No ___ 800'

(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) Municipal Supply

(36) DATE DRILLING WORK STARTED 11-1-02

(37) DATE DRILLING WORK COMPLETED 1-31-03

(38) DATE REPORT FILED 2-27-03

(39) DRILLER & COMPANY Bill Knight Moody & Associates

(40) DEC REGISTRATION NO. 10183

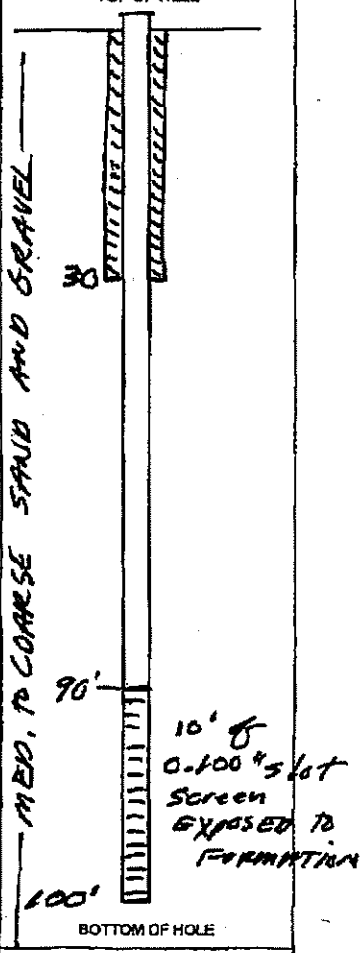
* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

LOG *

Ground Surface EL. 1304 ft. above sea level

Top Of Casing is located + 2 ft.above (+) or below (-) ground surface



NYSDEC COPY

LOCATION SKETCH - Indicate north

ATTACHED

4/12/15-2

(3)County Steuben

(2)DEC Well Number SB-1737

WELL COMPLETION REPORT

(4) OWNER Village of Cohocton

(4) ADDRESS 15 South Main, P.O. Box, Cohocton NY 14826

(5) LOCATION OF WELL: N 42° 31' 29" N 77° 28' 39"

(6) DEPTH OF WELL BELOW SURFACE 94

(7) DEPTH TO GROUNDWATER 19'

CASING

(8) DIAMETER 16" in. | 10" in. | in. | in.

(9) LENGTH 30' ft. | 84 ft. | ft. | in.

(10) SEALING Cement-bentonite grout

(11) CASINGS REMOVED all 16" removed

SCREENS

(12) MAKE & MATERIAL Johnson Wire Wrap stainless steel

(13) OPENINGS 0.060"

(14) DIAMETER 10" telescope (9⅝" OD x 8⅞" ID) in.

(15) LENGTH 10 ft. (84'-94') ft. | ft. | in.

(16) DEPTH TO TOP FROM TOP OF CASING 86'

PUMPING TEST

(17) DATE

(18) TEST OR PERMANENT PUMP? Moody's

(19) DURATION OF TEST hours | minutes

(20) MAXIMUM DISCHARGE gallons per min.

(21) STATIC LEVEL PRIOR TO TEST ft. | in. below top of casing

(22) LEVEL DURING MAXIMUM PUMPING | in. below top of casing

(23) MAXIMUM DRAWDOWN ft.

(23) Approximate time of return to normal level after cessation of pumping hours | min.

PUMP INSTALLED NONE

(24) TYPE

(25) MAKE

(26) MODEL NUMBER

(27) MOTIVE POWER

(28) MAKE

(29) H.P.

(30) CAPACITY g.p.m. applied | ft. of discharge head

(31) NUMBER OF BOWLS OR STAGES | ft. of total head

DROP LINE

(32) DIAMETER & (33) LENGTH

SUCTION LINE

(34) DIAMETER & (35) LENGTH

(36) METHOD OF DRILLING ☐ Rotary ☒ Cable tool ☐ Other

(37) USE OF WATER Municipal Supply

(38) WORK STARTED 2-9-04

(39) WORK COMPLETED 3-04

(40) DATE 8/19/04

(41) DRILLER, COMPANY Doug Cox for Moody & Associates, Inc.

(42) REGISTRATION NO. 10183

*See additional instructions on back. Show log of geologic materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pumps, additional pumping tests and other matters of interest, e.g. water quality (sulphur, salt, methane). Describe repair work. See instructions as to Well Driller's Registration and Reports.

*** LOG**

Ground Surface El. 1301 ft. above sea

TOC ▲ +2 ft. ▼

TOP OF WELL

0	Brown Sandy Clay & small gravel
12'	Brown Sand & gravel
22'	Grey fine silty sand w/small gravel & cobbles
35	Grey fine, silty sand w/ med. gravel & Cobbles
45'	Brown Sand & Gravel w/ clay streaks
54	Brown Heaving med. sand w/ cobble
60	Med. to Coarse grey sand w/ med. gravel, cobbles, & boulders
89'	Med. to Coarse gravel w/ boulders
94'	Gravel w/ fine Sand

Sandy Clay

Cement & Grout

30'

16"

10"

Some clay streaks

K-PACKER

10' of 0.060" SS screen

Bottom of Hole

Duplicate - Retain

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB-1519

WELL COMPLETION REPORT

(4) Owner Village of Cohocton

(5) Address 15 So. Main St, P.O. Box , Cohocton, NY

(6) Location of Well (See Instructions On Reverse) Show Lat/Long if available and method used: N 42 - 31. 284' W 77. 28-380

[X] GPS ☐ DEC Website ☐ Map Interpolation

LOG *

Ground Surface El. _____ ft. above sea level

Top Of Casing is located _____ ft.above (+) or below (-) ground surface

(7) Depth of Well Below Land Surface (Feet) 59'	(8) Depth to Groundwater Below Land Surface (Feet) 17' Date Measured 1-28-03
(9) Diameter 6 in.	in.	in.	in.
(10) Length 59 ft.	ft.	ft.	ft.
(11) Grout Type / Sealing	(12) Grout / Sealing Interval (Feet) From _____ To _____
(13) Make & Material NO	(14) Openings
(15) Diameter in.	in.	in.	in.
(16) Length ft.	ft.	ft.	ft.
(17) Depth to Top of Screen From Top of Casing (Feet)	
(18) Date NO	(19) Duration of Test
(20) Lift Method ☐ Pump ☐ Air Lift ☐ Bail	(21) Stabilized Discharge (GPM)
(22) Static Level Prior to Test (Feet/inches below top of casing)	(23) Maximum Drawdown (Stabilized) (Feet/inches below top of casing)
(24) Recovery (Time in hours/minutes)	(25) Was the water produced during test discharged away from immediate area? Yes ___ No ___
(26) Pump Installed? Yes ___ No X	(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 [X] Cable Tool ☐ Other _____	(35) Use of Water (see instructions for choices) OBSERVATION WELL
(36) Date Drilling Work Started 1-13-03	(37) Date Drilling Work Completed 1-18-03
(38) Date Report Filed 2-27-03	(39) Driller & Company Doug Cox Moody & Assoc.	(40) DEC Registration No. 10183

TOP OF WELL

Medium Grain / with Sand

59

BOTTOM OF HOLE

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

NYSDEC COPY

LOCATION SKETCH - Indicate north

ATTACHED

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB151B

WELL COMPLETION REPORT

(4) OWNER Village of Cohocton

(5) ADDRESS 15 S. Main, P.O. Box , Cohocton, NY

(6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: N. 42.31.291, W 77.28.300

X GPS ☐ DEC Website ☐ Map Interpolation

LOG *

Ground Surface El. 1300 ft. above sea level

Top Of Casing is located +2 ft. above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 100'

(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) 16' DATE MEASURED 1-28-03

(9) DIAMETER 6 in.

(10) LENGTH 100 ft.

(11) GROUT TYPE / SEALING

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

(13) MAKE & MATERIAL 4" PVC

(14) OPENINGS 0.020"

(15) DIAMETER in.

(16) LENGTH 20 ft.

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

(18) DATE NA

(19) DURATION OF TEST

(20) LIFT METHOD ☐ Pump ☐ Air Lift ☐ Bail

(21) STABILIZED DISCHARGE (GPM)

(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)

(23) MAXIMUM DRAWDOWN (feet/feet) (feet/inches below top of casing)

(24) RECOVERY (Time in hours/minutes)

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

(26) PUMP INSTALLED? YES ___ NO X

(27) DATE

(28) PUMP INSTALLED

(29) TYPE

(30) MAKE

(31) MODEL

(32) MAXIMUM CAPACITY (GPM)

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

(34) METHOD OF DRILLING ☐ Rotary X Cable Tool ☐ Other _____

(35) USE OF WATER EXPLORATORY OBSERVATION WELL

(36) DATE DRILLING WORK STARTED 1-7-03

(37) DATE DRILLING WORK COMPLETED 1-10-03

(38) DATE REPORT FILED 2-27-03

(39) DRILLER & CO. DOUG COX Moody & Assoc.

(40) DEC REGISTRATION NO. 10183

TOP OF WELL +2

large + Medium Gravel w/ sand.

100'

BOTTOM OF HOLE

NYSDEC COPY

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

LOCATION SKETCH - Indicate north

ATTACHED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(1) County Steuben

(2) Township Cohocton

(3) DEC Well Number SB-1517

WELL COMPLETION REPORT

(4) OWNER Village of Cohocton

(5) ADDRESS 15 S. Main St., P.O. Box , Cohocton

(6) LOCATION OF WELL (See Instructions On Reverse) Show Lat/Long if available and method used: N 42.31.380' - W 77.28.320

☒ GPS ☐ DEC Website ☐ Map Interpolation

LOG *

Ground Surface El. 1304 ft. above sea level

Top Of Casing is located +2 ft. above (+) or below (-) ground surface

(7) DEPTH OF WELL BELOW LAND SURFACE (Feet) 100'	(8) DEPTH TO GROUNDWATER BELOW LAND SURFACE (Feet) 16'	DATE MEASURED 1-28-03	
(9) DIAMETER 6 in.	in.	in.	in.
(10) LENGTH 100' ft.	ft.	ft.	in.
(11) GROUT TYPE / SEALING	(12) GROUT / SEALING INTERVAL (Feet) FROM ____ TO ____		
(13) MAKE & MATERIAL No	(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)			
(18) DATE No	(19) DURATION OF TEST		
(20) LIFT METHOD ☐ Pump ☐ Air Lift ☐ Bail	(21) STABILIZED DISCHARGE (GPM)		
(22) STATIC LEVEL PRIOR TO TEST (feet/inches below top of casing)	(23) MAXIMUM DRAWDOWN (Stabilized) (feet/inches below top of casing)		
(24) RECOVERY (Time in hours/minutes)	(25) Was the water produced during test discharged away from immediate area? Yes ___ No ___		
(26) PUMP INSTALLED? YES ___ NO X	(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 Codes) EXPLORATORY + OBSERVATION WELL		
(36) DATE DRILLING WORK STARTED 8.1.02	(37) DATE DRILLING WORK COMPLETED 8.30.02		
(38) DATE REPORT FILED 2-27-03	(39) DRILLER & COMPANY DENG LOX MOODY + ASSOC.	(40) DEC REGISTRATION NO. 10183	

TOP OF WELL

2

Various Degrees of Well Sorted Med. Gravel w/ sand

100'

BOTTOM OF HOLE

* Show log of geologic materials encountered with depth below ground surface, water bearing beds and water levels in each; casings; screens; pump; additional pumping tests and other matters of interest, e.g., water quality (sulphur, salt, methane). Describe repair work. Attach separate sheet if necessary.

See further instructions titled "Instructions for New York State Well Completion Report".

NYSDEC COPY

LOCATION SKETCH - Indicate north

ATTACHED

(1)County Steuben (2)DEC Well Number SB 1726

WELL COMPLETION REPORT

(3) OWNER Village of Cohocton

(4) ADDRESS 15 South Main, P.O. Box , Cohocton, NY 14826

(5) LOCATION OF WELL N 42°31'29" W 77°28'39"

(6) DEPTH OF WELL BELOW SURFACE 85'

(7) DEPTH TO GROUNDWATER 14'

CASING

(8) DIAMETER 2" in. | Sch. 40 PVC. in. | in. | in.

(9) LENGTH 65' ft. | ft. | ft. | in.

(10) SEALING Concrete - top 3'

(11) CASINGS REMOVED

SCREEN

(12) MAKE & MATERIAL Johnson Sch. 40 PVC

(13) OPENINGS 0.020"

(14) DIAMETER 2" in. | in. | in. | in.

(15) LENGTH 20' ft. | ft. | ft. | in.

(16) DEPTH TO TOP FROM TOP OF CASING 67'

PUMPING TEST (if any)

(17) DATE

(18) TEST OR PERMANENT PUMP?

(19) DURATION OF TEST hours | minutes

(20) MAXIMUM DISCHARGE gallons per min.

(21) STATIC LEVEL PRIOR TO TEST ft. | in. below top of casing

(22) LEVEL DURING MAXIMUM PUMPING | in. below top of casing

(23) MAXIMUM DRAWDOWN ft.

(24) Approximate time of return to normal level after cessation of pumping hours 1 min. None

PUMP INSTALLED None

(24) TYPE

(25) MAKE

(26) MODEL NUMBER

(27) MOTIVE POWER

(28) MAKE

(29) H.P.

(30) CAPACITY g.p.m. against ft. of discharge head

(31) NUMBER OF BOWLS OR STAGES ft. of total head

SUCTION LINE

(32) DIAMETER & (33) LENGTH

DISCHARGE LINE

(34) DIAMETER & (35) LENGTH

(36) METHOD OF DRILLING ☐ Rotary ☐ Cable tool ☒ Other Auger — Holmes Stem

(37) USE OF WATER

(38) WORK STARTED

(39) WORK COMPLETED

(40) DATE 12/19/04

(41) DRILLER, COMPANY Dave Lynn for Moody & Associates, Inc.

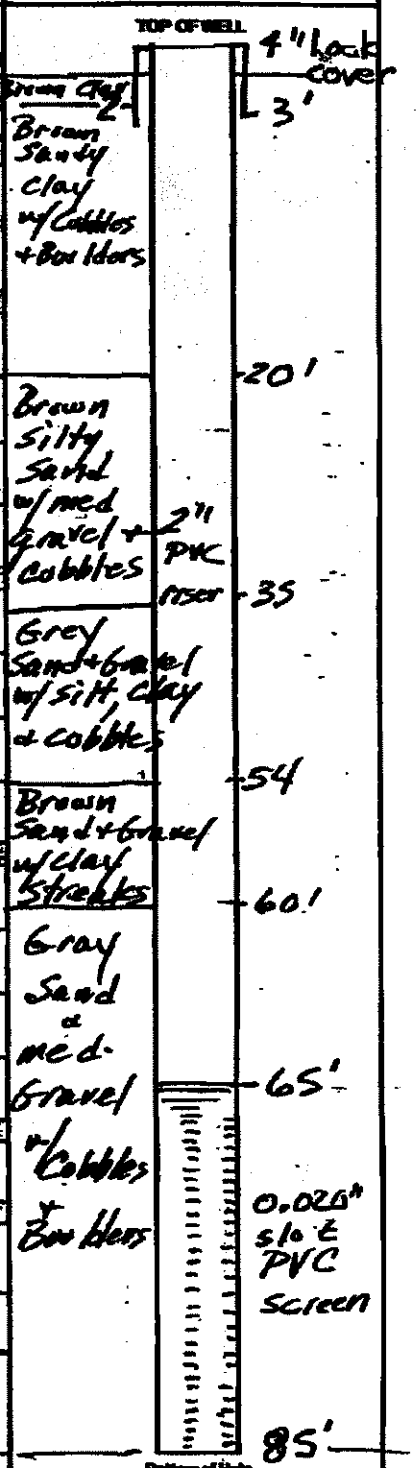
(42) REGISTRATION NO. 10183

*See additional instructions on back. Show log of geologic materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pumps, additional pumping tests and other matters of interest, e.g. water quality (sulphur, salt, methane). Describe repair work. See instructions as to Well Driller's Rectification and Remarks.

*LOG

Ground Surface El. 1301 ft. above msl

TOC +2 ft.



Duplicate - Retain

(1) County Newburgh 4/12/04 (2) DEC Well Number SB-1738

WELL COMPLETION REPORT

(3) OWNER Village of Cohocton

(4) ADDRESS 15 South Main, P.O.Box , Cohocton NY 14826

(5) LOCATION N 42° 31' 22" W 77° 28' 37"

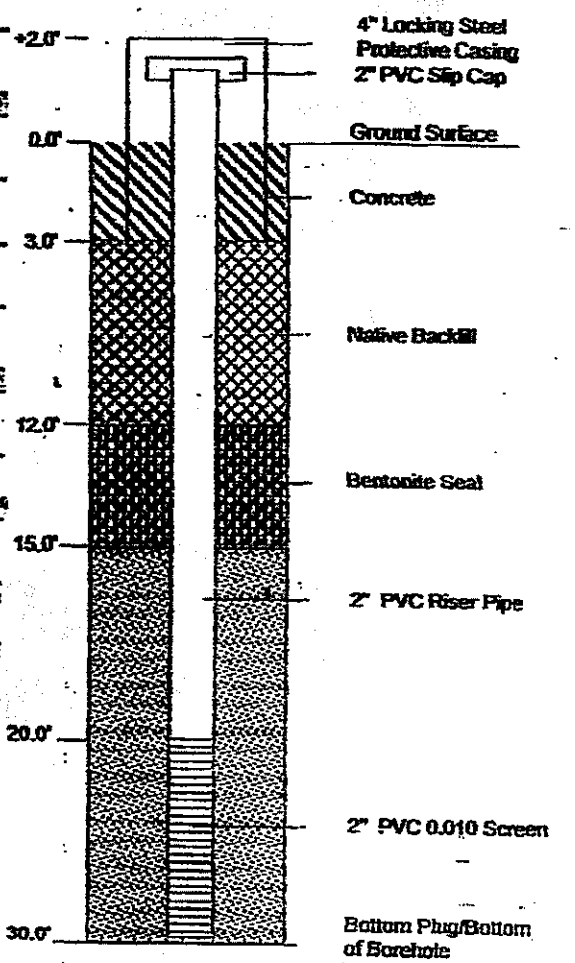
LOG Ground Surface El. 1301 ft. above sea

TOC +2 ft.

(6) DEPTH OF WELL BELOW SURFACE 30'	(7) DEPTH TO GROUNDWATER 19'
CASING	
(8) DIAMETER 2" in. | Sch. 40 PVC in. |	
(9) LENGTH 22 ft. | ft. | ft. |	
(10) SEALING Concrete to 3'	(11) CASINGS REMOVED
SCREEN	
(12) MAKE & MATERIAL 2" Sch 40 PVC	(13) OPENINGS 0.010"
(14) DIAMETER in. | in. | in. |	
(15) LENGTH 10 ft. | ft. | ft. |	
(16) DEPTH TO TOP FROM TOP OF CASING 22'	
PUMPING TEST (if any)	
(17) DATE	(18) TEST OR PERMANENT PUMP?
(19) DURATION OF TEST hours | minutes	(20) MAXIMUM DISCHARGE
(21) STATIC LEVEL PRIOR TO TEST ft. | in. below top of casing	(22) LEVEL DURING MAXIMUM PUMPING |
(23) MAXIMUM DRAWDOWN ft.	(23) Approximate time of return to normal level after cessation of pump hours |
PUMP (if any)	
(24) TYPE	(25) MAKE (26) MODEL NUMBER
(27) MOTIVE POWER	(28) MAKE (29) H.P.
(30) CAPACITY g.p.m. against | ft. of static	
(31) NUMBER OF BOWLS OR STAGES | ft.	
DROP LINE	SUCTION LINE
(32) DIAMETER & (33) LENGTH	(34) DIAMETER & (35) LENGTH

OB-6

Monitoring Well
Moody & Associates
Cohocton, New York
ND Job #2035
DEC # SB-1738



Drawing Not To Scale

(36) METHOD OF DRILLING Hollow Stem Augers ☐ Rotary ☐ Cable tool ☒ Other	(37) USE OF WATER Observation Well
(38) WORK STARTED 2-12-04	(39) WORK COMPLETED 2-14-04

(40) DATE 3/19/04	(41) DRILLER, COMPANY Nothnagle for Moody & Associates, Inc	(42) REGISTRATION NO. 10183

*See additional instructions on back. Show log of geologic materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pumps, additional pumping tests and other matters of interest, e.g. water quality problems, soils, methane). Describe repair work. See instructions as to Well Driller's Certification and Signature.

(1) County Steuben 1/12/04 9 (Appl. from Permit) SB1739

WELL COMPLETION REPORT

(3) OWNER Village of Cohocton

(4) ADDRESS 15 Main St, P.O. Box ; Cohocton NY 14826

(5) LOCATION OF WELL N-42° 9' 16" - W77° 28' 26"

*LOG

Ground Surface El. 1301 ft. above msl

TOC +2 ft.

(6) DEPTH OF HOLE BELOW SURFACE 100'

(7) DEPTH TO GROUNDWATER 20'

CASING

(8) DIAMETER 2" in. | Sch. 40 PVC in. | in. | in.

(9) LENGTH 82 ft. | ft. | ft. | ft.

(10) SEALING Concrete - top 3'

(11) CASINGS REMOVED

SCREEN

(12) KIND & MATERIAL Johnson SawSlot PVC

(13) OPENINGS 0.010"

(14) DIAMETER 2" in. | in. | in. | in.

(15) LENGTH 10 ft. | ft. | ft. | ft.

(16) DEPTH TO TOP FROM TOP OF CASING 92'

PUMPING TEST

(17) DATE

(18) TEST OR PERMANENT PUMP?

(19) DURATION OF TEST hours | minutes

(20) MAXIMUM DISCHARGE gpm

(21) STATIC LEVEL PRIOR TO TEST ft. | ft. below top of casing

(22) LEVEL DURING MAXIMUM PUMPING ft.

(23) MAXIMUM DRAWDOWN ft.

(23a) Approximate time of return to normal level after cessation of pump hours

PUMP EQUIPMENT

(24) TYPE

(25) MAKE

(26) MODEL NUMBER

(27) MOTIVE POWER

(28) MAKE

(29) H.P.

(30) CAPACITY gpm, rated | ft. of static

(31) NUMBER OF BOWLS OR STAGES | ft.

SUCTION LINE

(32) DIAMETER & (33) LENGTH

(34) DIAMETER & (35) LENGTH

(36) METHOD OF DRILLING ☐ Rotary ☐ Cable tool ☒ Other Hollow Stem Augers

(37) USE OF WATER Observation Well

(38) WORK STARTED 2-12-04

(39) WORK COMPLETED 2-14-04

(40) DATE 2/19/04

(41) DRILLER, COMPANY Nothnagle for Moody & Associates, Inc.

(42) REGISTRATION NO. 10183

*See additional instructions on back. Show log of geologic materials encountered, with depth below ground surface, water bearing beds and water levels in wells, springs, streams, ponds, additional pumping tests and other matters of interest, e.g. water quality (sulphur, salt, sediment). Describe repair work. See instructions as to Well Driller's Responsibilities and Records.