

East Brookwood Estates POA, Inc
P.O. Box 575
Stanhope, N.J. 07874-0575

Larry Miller
NJDEP Office of Natural Lands Management
P.O. Box 404
22 South Clinton Ave.
Trenton, NJ 08625-0404

April 21, 2010

Dear Mr. Miller,

The East Brookwood Estates Property Owners executive board is writing this letter to bring our concerns to your attention regarding the project application for the 2010 Recreational Trails Program Grant, entitled "Brookwood Park Phase One." submitted by Byram Township. Our board represents the East Brookwood Estates Property Owner's Association, which is a non-profit homeowners association located in the East Brookwood section of Byram Township, Sussex County, NJ. The primary function of our association established in 1953 is to provide potable water to its members (<http://www.eastbrookwood.org/index.htm>).

Our association has 3 wells that supply water to approximately 177 homes. Our primary well is located in the center of a small pocket park (1/5-acre) that the township of Byram presently owns. The pocket park is also located on the only ingress/egress road for over 400 homes and presently only provides on street parking. The park was originally established and owned by our association, but was deeded to the town in 1974 by the association board with restrictions. The restrictions are outlined in the deed and basically state that the parcel must be used and maintained solely as a park/playground or the land reverts back to our association. The deed also states that we can retain our well on the parcel and we are granted an easement onto the parcel to maintain the well. (See attached copy of deed)

Several years ago Byram Township acquired a four-acre parcel, directly behind/below the pocket park that recently has been preserved as open space. The town now wants to develop this parcel and have submitted the above stated grant to the NJDEP. It appears the primary purpose for the development of the four-acre parcel is to extend the Byram trail system along Lubber's Run stream at the base of this parcel. The pocket park will serve as the entrance to the four-acre park, as well as, **be utilized to provide up to six parking spaces that we have been told by the town are required to apply for this grant.**

In your consideration of this grant application for approval, our association has the following concerns: 1) **The town has plans to remove asphalt around our sub**

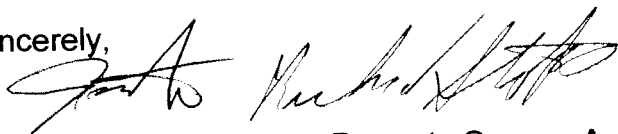
surface well head which could cause surface water to infiltrate the well and to build a shed over our concrete well structure and have it serve as a bus stop shelter. Our association board was not advised of these plans during the grant writing process, although the grant cites us as partnering with the town. 2) **The Safe Drinking Water Act [Regulation 7:10-11.6(b)] states that "Ground water sources of supply shall be protected as follows: 1. A public community water system shall acquire and control all land within at least a 50-foot radius of any ground water source used for its water supply. Major and minor pollutant sources and non-water system related activities shall be prohibited within the specified area.** The public community water system may control the land by lease or easement only with prior written approval of the department." The grant seems to overlook this regulation. 3) The opposition to the park by our association residents whose property border the park and those who have voiced their privacy concerns at town council meetings to the extended trail system that comes near their property boundaries. 4) An increase in the volume of traffic creating safety issues for our association residents due to the location of the parking spaces entering and exiting onto the only road that provides ingress/egress for over 400 homes. 5) The town's admission that it has not been a good steward of the pocket park since they acquired it in 1974 and cite the poor condition of the park within their grant application. Therefore, understandably, the association is concerned about proper ground maintenance around our well head by the town.

However, **our primary concern with this grant application is allowing up to six parking spaces to be located between the road and within feet of our well head.** This may interfere with our access to our well in emergencies and increase the possibility of causing contamination of our primary well. In response to our concerns, the town council added a clause to their grant resolution stating "the mayor and the council supports the submission of the grant application conditional upon the regulations of the Safe Water Drinking Act and the NJDEP being resolved successfully".

The mayor and council, having raised and acknowledged their conditional support for this grant upon the successful resolution of the Safe Water Drinking Act and the NJDEP regulations, should have addressed and resolved these issues before the grant application was submitted.

Consequentially, the executive board of the East Brookwood Estates Property Owners Association cannot support the approval of this grant application as submitted and we would greatly appreciate and urge your consideration of our concerns in this matter.

Sincerely,



East Brookwood Estates Property Owners Association,
Executive Board

CC: Township of Byram

**TOWNSHIP OF BYRAM
RESOLUTION NO. 184 -2009**

**Resolution of the Byram Township Council
Regarding the application for a New Jersey State Recreational Trails Grant,
Byram Township, Sussex County, NJ**

Whereas, the Byram Township *Open Space And Recreation Plan* recommends enhancing and connecting the Township trail system and protected lands in the Township and preserving the Lubbers Run Greenway; and

Whereas, the New York-New Jersey Trails Conference recommends that Byram Township establish a trail and other recreational amenities on the 4.21-acre Brookwood Park, which consists of the original East Brookwood Park plus the Vetter open space parcel, providing access to Lubbers Run as a link in the Lubbers Run Greenway; and

Whereas, the proposed trail project can combine with future potential trail networks within Byram Township, thereby increasing ecotourism opportunities; and

Whereas, the proposed Brookwood Park project will beautify the entrance to the East Brookwood neighborhood, provide a variety of recreational facilities, while providing proper stewardship of Township preserved open space, thereby further protecting the Township's drinking water supply.

Whereas, the Mayor and Council supports the submission of the grant application conditional upon the regulations of the Safe Water Drinking Act and the NJDEP being resolved successfully.

NOW THEREFORE BE IT RESOLVED. We, the Township Council of Byram, support the efforts of the Byram Township Environmental Commission and Recreation Committee and the New York-New Jersey Trails Conference to apply for a New Jersey State Recreational Trails Grant in the amount of \$15,286 with a Township in-kind match of \$10,210 to fund the trail projects described above.

BYRAM TOWNSHIP COUNCIL

COUNCIL MEMBER	Councilman Olson	Councilwoman Rariga	Councilman Rafferty	Councilman Thompson	Mayor Osovitch
Motion					
2nd					
Yes					
No					
Abstain					
Absent					

ATTEST:

I certify that the foregoing resolution was adopted by the Byram Township Council at a meeting held on December 21, 2009.

Doris Flynn, RMC
Township Clerk

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

SAFE DRINKING WATER ACT REGULATIONS

(N.J.A.C. 7:10)

ADOPTED: November 4, 2004

This copy of the rule is a courtesy copy and is not the official version of this rule. The official, legally effective version of this rule is set forth in the December 6, 2004 issue of the New Jersey Register (see 36 N.J.R. 5383). Should there be any discrepancies between this text and the official version of the rule, the official version will govern.

The reader is advised that the official version of these regulations as published in the New Jersey Administrative Codes will differ slightly in format and wording. Any questions regarding these regulations should be directed to the Bureau at (609) 292-5550.

N.J.A.C. 7:10 implements the New Jersey's Safe Drinking Water Program.

CHAPTER 10

SAFE DRINKING WATER ACT

Authority

N.J.S.A. 13:1D-1 et seq., 58:12A-1 et seq., 58:11-64 et seq., 58:11-23 et seq., 58:11-9.1 et seq., and 58:10A-1 et seq.

Source and Effective Date

R.20040 d.442354, effective November 4, 2004.
See: 36 N.J.R. 295(a), 36 N.J.R. 5383(b).

Chapter Expiration Date

Chapter 10, Safe Drinking Water Act, expires on November 4, 2009.

Chapter Historical Note

Chapter 10, Bureau of Potable Water, was adopted and became effective prior to September 1, 1969.

Chapter 10, Bureau of Potable Water, was repealed and Chapter 10, Safe Drinking Water Act, was adopted as new rules by R.1979 d.271, effective July 13, 1979. See: 11 N.J.R. 170(a), 11 N.J.R. 374(b).

Pursuant to Executive Order No. 66(1978), Chapter 10, Safe Drinking Water Act, was readopted as R.1983 d.244, effective June 3, 1983. See: 15 N.J.R. 592(a), 15 N.J.R. 1019(c).

Pursuant to Executive Order No. 66(1978), Chapter 10, Safe Drinking Water Act, was readopted as R.19889 d.514, effective September 1, 1989. See: 21 N.J.R. 1945(a), 21 N.J.R. 3098(a).

Pursuant to Executive Order No. 66(1978), Chapter 10, Safe Drinking Water Act, was readopted as R.1994 d.482, effective August 25, 1994. See: 26 N.J.R. 2720(a), 26 N.J.R. 3833(a).

Pursuant to Executive Order No. 66(1978), Chapter 10, Safe Drinking Water Act, was readopted as R.1996 d.50, effective December 26, 1995. See: 27 N.J.R. 4060a, 28 N.J.R. 850(a).

Chapter 10, Safe Drinking Water Act, except Subchapter 13, was repealed and Chapter 10, Safe Drinking Water Act, was adopted as new rules by R.1996 d.536, effective November 18, 1996. See: 27 N.J.R. 4064(a), 28 N.J.R. 4900(a).

Subchapter 13, Water Supply and Wastewater Collection and Treatment Systems: Examining and Licensing of Operators, was recodified as N.J.A.C. 7:10A-1 by R.1997 d.48, effective February 3, 1997. See: 28 N.J.R. 4300(a), 29 N.J.R. 480(c).

Pursuant to Executive Order No. 66(1978), Chapter 10, Safe Drinking Water Act, was readopted as R.2000 d.354, effective July 31, 2000, and Subchapter 13, Standards for Technical, Managerial, and Financial Capacity of Public Community and Noncommunity Water Systems, was adopted as new rules by R.2000 d.354, effective August 21, 2000. See: Source and Effective Date. See, also, section annotations.

Notice of Receipt of Petition for Rulemaking: Fluoridation of the Public Water Supply of the State of New Jersey. See: 35 N.J.R. 891(a), 1454(a).

Chapter 10, Safe Drinking Water Act, was readopted as R.2004 d.442, effective November 4, 2004. As part of this readoption, Subchapter 6, Variances and Exemptions, was

3. Auxiliary power equipment, when provided or required, shall be designed and have sufficient capacity so as to effectively operate all pumping and water treatment processes in the event of failure of the primary power source for the water system.

(j) Materials and equipment used to construct a public community water system shall meet the following requirements:

1. Material and/or equipment shall not contribute contaminants to the drinking water nor impart any taste and odor to the drinking water.

2. Coating materials that are in contact with adequately protected water shall comply with ANSI/NSF Standard 61, as amended and supplemented, incorporated herein by reference. ANSI/NSF standard 61 may be obtained as provided at N.J.A.C. 7:10-8.2(a).

3. The use of lead in any component of a water system shall meet the following standards:

i. The lead content of solder and flux shall not exceed 0.2 percent by weight;

ii. The lead content of pipes, fittings and any other metallic component shall not exceed eight percent by weight;

iii. Lead packers shall not be used for well construction; and

iv. Lead packers may be used in the repair of cast iron pipe joints.

7:10-11.7 Standards for the construction and development of ground water sources

(a) Any public community water system that uses only ground water sources of supply shall have the firm capacity to meet the applicable peak daily demand as required pursuant to N.J.A.C. 7:10-11.6(a), except as provided in (a)1 below.

1. The Department will approve an interconnection with another public community water system in lieu of a backup well if a contract or other written binding agreement to obtain sufficient water is executed between the owners of the water systems to be interconnected and if it can be shown to the satisfaction of the Department that such an interconnection will enable the public community water system seeking the interconnection to comply with this subsection.

(b) Ground water sources of supply shall be protected as follows:

1. A public community water system shall acquire and control all land within at least a 50 foot radius of any ground water source used for its water supply. Major and minor pollutant sources and non-water system related activities shall be prohibited within the specified area. The public community water system may control the land by lease or easement only with prior written approval of the Department.

i. The Department recommends that a public community water system control and/or obtain a conservation easement to land surrounding a ground water source beyond that required pursuant to (b)1 above for watershed protection and future water supply development. If ground water sources are located in unconfined or bedrock aquifers, the Department recommends the minimum land acquisition, dependent upon well capacity, shown in the table below:

SOURCE CAPACITY (MGD)	LAND REQUIREMENT (ACRES)
0-1	1
> 1-2	2
> 2-3	3
> 3-5	5
> 5	5 + 1/2 acre for each MGD or portion hereof in excess of 5 MGD

ii. The Department recommends that land acquired for the purpose of watershed protection be in up-gradient areas and equivalent to Tier I as defined in the Well Head Protection Plan (WHPP) adopted by the Department pursuant to the Federal Act.

2. Storm and/or sanitary sewer lines, industrial waste lines, septic tanks, distribution boxes and dry wells are prohibited within 50 feet of a well. Any such line within 100 feet of a well shall be of completely watertight construction (that is, steel, reinforced concrete, cast iron, PVC or other suitable material). Sewage disposal fields and seepage pits are prohibited within 200 feet of a well. Cesspools are prohibited within 200 feet of a well.

i. The Department may reduce the distance restrictions under (b)2 above if a well is constructed in a confined aquifer.

3. Manholes and/or connections to a sanitary sewer system are prohibited within 100 feet of a well, unless the well is constructed in a confined aquifer.

053212

This Indenture,

Made the Nineteenth day of August, in the year of our Lord
One Thousand Nine Hundred and Seventy-Four

Between

BROOKWOOD ESTATES PROPERTY OWNERS' ASSOCIATION, a
non-profit corporation of the State of New Jersey,
Stanhope, New Jersey

In the Township of Byram County of Sussex
and State of New Jersey party of the first part;

And

TOWNSHIP OF BYRAM, a municipal corporation in the
County of Sussex, State of New Jersey

In the Township of Byram County of Sussex
and State of New Jersey party of the second part;

Witnesseth, That the said party of the first part, for and in consideration of
ONE DOLLAR (\$1.00)

lawful money of the United States of America, to it in hand well and truly paid by the said
party of the second part, as or before the sealing and delivery of these presents, the receipt whereof is
hereby acknowledged, and the said party of the first part being therewith fully satisfied, contented and
paid, has given, granted, bargained, sold, aliened, released, enfeoffed, conveyed and confirmed and by
these presents do give, grant, bargain, sell, alien, release, enfeoff, convey and confirm unto the said
party of the second part, and to its
and assigns, forever,

All that
tract or parcel of land and premises, hereinafter particularly described, situate, lying and being
in the Township of Byram County of Sussex
and State of New Jersey

BEGINNING at an iron pin in the northerly side line of Brookwood Road
which said iron pin is 400 feet distant on a course North 82 degrees
15 minutes West from the intersection of Brookwood Road and Stony Brook
Road, thence (1) North 82 degrees 15 minutes West 98.7 feet to a point,
thence (2) North 06 degrees 45 minutes East 84 feet to a point, thence
(3) South 82 degrees 15 minutes East 98.7 feet to an iron pin, thence
(4) South 06 degrees 45 minutes West 84 feet to the point and place of
beginning. Being the lot on which there is located a well and well house.

Grantor hereby reserves an easement on the entire lot for the purposes
of maintaining present well and well house and piping thereon and any other
that it may deem necessary to fulfill its obligation to the property
owners connected with the water supply operation and heretofore set up
to provide water to the property owners in said Brookwood Estates Property

COPIED BY [unclear]
DATE [unclear]

Owners' Association. In connection therewith, the grantor, its servants, agents or employees, or its contractors, as well as the public officials of the municipality, including the Board of Health and its officers, and also including public utility corporations, its servants, agents or employees, may have ingress and egress for the purpose of exercising the easement and the installation and maintenance of the fixtures and appurtenances in connection therewith.

This conveyance is made solely for the purpose of the municipality to utilize and maintain the said premises for public park and playground purposes. If at any time in the future the municipality abandons such use as evidenced by a properly adopted ordinance, the title to the said land shall revert to the grantors hereof.

Being the same land and premises as conveyed by Willis H. Sherred, et al, to Brookwood Estates Property Owners' Association by deed dated May 29, 1962 and recorded in the Sussex County Clerk's Office on July 12, 1962 in Book of Deeds 732, page 355&c.

The grantee, in consideration of this conveyance, shall construct a municipal playground or park upon the premises within one (1) year from the date hereof and the grantee shall hold the grantor harmless from any claims for damages arising out of the said use of the aforescribed premises.

Together with all and singular the houses, buildings, trees, ways, waters, profits, privileges, and advantages, with the appurtenances to the same belonging or in anywise appertaining:

Also, all the estate, right, title, interest, property, claim and demand whatsoever, of the said party of the first part, of, in and to the same, and of, in and to every part and parcel thereof,

To have and to hold all and singular the above described land and premises, with the appurtenances, unto the said party of the second part, its heirs and assigns, to the only proper use, benefit and behoof of the said party of the second part, its heirs, and assigns forever:

And the said party of the first part

for its heirs, executors and administrators, do hereby covenant, promise and agree to and with the said party of the second part, its heirs and assigns that it has not made, done, committed, executed or suffered any act or acts, thing or things whatsoever, whereby or by means whereof the above mentioned and described premises, or any part or parcel thereof, now are, or at any time hereafter shall or may be impeached, charged or encumbered, in any manner or way whatsoever.

In Witness Whereof, the party of the first part has set its hand and seal or caused these presents to be signed by its proper corporate officers and caused its proper corporate seal to be hereunto affixed, this day and year first above written.

Signed, sealed and Delivered
in the Presence of

BROOKWOOD ESTATES PROPERTY
OWNERS' ASSOCIATION

ATTEST:


President


Secretary

PREPARED BY:
JOHN FRANK, JR.
Attorney at Law
Route 206
Stanhope, N. J. 07874

STATE OF NEW JERSEY,
COUNTY OF

BOOK 947 PAGE 608

BE IT REMEMBERED, that on this _____ day of _____ before me, the subscriber, a personally appeared

who, I am satisfied, acknowledged that for the uses and purposes therein expressed, the grantor mentioned in the within Deed, and thereupon signed, sealed and delivered the same as set and deed.

The full and actual consideration paid or to be paid for the transfer of title to realty evidenced by the within deed, as such consideration is defined in P.L. 1968, c. 49, Sec. 1(c), is \$

STATE OF NEW JERSEY,
COUNTY OF SUSSEX

BE IT REMEMBERED, that on this 1976 day of August 1974 before me, the subscriber, a Notary Public of New Jersey personally appeared Anton Jirsa

who, being by me duly sworn on his oath, doth depose and make proof to my satisfaction, that he is the Secretary of the Brookwood Estates Property Owners' Association, the grantor named in the within Deed, that Robert M. Rasmussen is the President

of said corporation; that the execution as well as the making of this Deed, has been duly authorized by a proper resolution of the Board of GOVERNORS of the said corporation; that deponent well knows the corporate seal of said corporation; and the seal affixed to said Deed is such corporate seal and was thereto affixed, and said Deed signed and delivered by said President, as and for the voluntary act and deed of said corporation, in presence of deponent, who thereupon subscribed his name thereto as witness.

The full and actual consideration paid or to be paid for the transfer of title to realty evidenced by the within deed, as such consideration is defined in P.L. 1968, c. 49, Sec. 1(c), is \$ 00.

Sworn to and subscribed before me, at Byram, New Jersey the date aforesaid.

[Signature]
Notary Public of New Jersey

[Signature]
Secretary

Deed

BROOKWOOD ESTATES
PROPERTY OWNERS'
ASSOCIATION

TO

TOWNSHIP OF BYRAM

Dated, JULY 19 1974
Recorded in the Office of
the County of N. J.,
on the day of 19
at o'clock in the noon and
Recorded in Book of DEEDS for
said County, on page

RECORD & RETURN TO:
JOHN FRANK, JR.
Attorney at Law
Route 206
Stanhope, N. J.
07874

REC'D & RECORDED

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SUSSEX COUNTY CLERK'S
OFFICE - NEWTON, N. J.
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Source Water Assessment Report

For

E Brookwood Property Owners Association, Inc.



State of New Jersey

Bradley M. Campbell, Commissioner
Department of Environmental Protection

Ernest Hahn, Assistant Commissioner
Land Use Management

Michele Mateo Putnam, Administrator
Water Supply Administration

Barker Hamill, Bureau Chief
Bureau of Safe Drinking Water
401 E. State Street
PO Box 426
Trenton, New Jersey 08625-0426
(609) 292-5550

December 2004

Table 9 illustrates the susceptibility rating for each individual source for each of the contaminant categories.

Table 9: Susceptibility Rating for Drinking Water Source(s)

EPTDS ID	Source ID	Source Name	Contaminant Category							
			Pathogens	Nutrients	Pesticides	VOCs	Inorganics	Radionuclides	Radon	DBPs
			Rating	Rating	Rating	Rating	Rating	Rating	Rating	Rating
01	002	WELL 3/TROUT BROOK RD	M	M	L	L	L	M	H	M
02	005	WELL 2/MOUNTAIN AVE	L	H	L	H	L	M	M	M
03	007	WELL #1/BROOKWOOD ROAD	L	H	L	H	L	M	M	M



The potential contaminant source inventory and sensitivity variables were used to determine the susceptibility ratings for the sources. For specific information on the water system's potential contaminant source inventory and sensitivity variables, please refer to the Individual Explanatory Variable Inventory and the Specific Potential Contaminant Sources Inventory, Appendix A- Attachment 1 and 2.

E Brookwood Property Owners Association, Inc.

Source Water Assessment Summary

A State Review of Potential Contamination Sources Near Your Drinking Water

The Department of Environmental Protection (DEP) has conducted an assessment of the water sources that supply each public water system in the state, including yours. The goal of this assessment was to measure each system's susceptibility to contamination, not actual (if any) contamination measured in a water supply system.

The assessment of your water system, the *E Brookwood Property Owners Association, Inc.*, involved:

- Identifying the area (known as the source water assessment area) that supplies water to your public drinking water system;
- Inventorying any significant potential sources of contamination in the area; and
- Analyzing how susceptible the drinking water source is to the potential sources of contamination.

DEP evaluated the susceptibility of all public water systems to eight categories of contaminants. These contaminant categories are explained, along with a summary of the results for your water system, on page 3. Page 4 contains a map of your water system's source water assessment area.

A public water system's susceptibility rating (L for low, M for medium or H for high) is a combination of two factors. H, M, and L ratings are based on the potential for a contaminant to be at or above 50% of the Drinking Water Standard or MCL (H), between 10 and 50% of the standard (M) and less than 10% of the standard (L).

- How "sensitive" the water supply is to contamination. For example, a shallow well or surface water source, like a reservoir, would be more exposed to contamination from the surface or above ground than a very deep well.
- How frequently a contaminant is used or exists near the source. This is known as "intensity of use." For example, the types of activities (such as industry or agriculture) surrounding the source.

The susceptibility rating does not tell you if the water source is actually contaminated. The Consumer Confidence Report annually issued by your water utility contains important information on the results of your drinking water quality tests, as required by the federal Safe Drinking Water Act.

Where does drinking water come from?

There are two basic sources of drinking water: ground water and surface water.

Ground water is water found beneath the Earth's surface. Ground water comes from rain and snow seeping into rock and soil. Ground water is stored in underground areas called aquifers. Aquifers supply wells and springs. Wells in New Jersey range from about 15 feet to 2,000 feet deep.

Surface water is the water naturally open to the atmosphere, such as rivers, lakes, streams and reservoirs. Precipitation that does not infiltrate the ground or evaporate into the sky runs off into surface water bodies.

Ground water can seep into a stream, river or other surface water body, recharging surface water bodies. Likewise, under some circumstances, surface water can seep into an adjacent aquifer.

A water system obtains its water from 1) wells drilled into the ground that pump out ground water; 2) devices called surface water intakes placed on a river, stream, reservoir; or 3) both.

What factors may affect the quality of your drinking water source?

A variety of conditions and activities may affect the quality of drinking water source. These include geology (rock and soil types); depth of a well or location of a surface water intake; how the land surrounding the source is used (for industry, agriculture or development); the use of pesticides and fertilizers; and the presence of contaminated sites, leaking underground storage tanks, and landfills.

E Brookwood Property Owners Association, Inc.- PWSID # 1904002

E Brookwood Property Owners Association, Inc. is a public community water system consisting of 3 well(s), 0 wells under the influence of surface water, 0 surface water intake(s), 0 purchased ground water source(s), and 0 purchased surface water source(s).

This system's source water comes from the following aquifer(s) and/or surface water body(s) (if applicable): igneous and metamorphic rocks

This system purchases water from the following water system(s) (if applicable):

Susceptibility Ratings for E Brookwood Property Owners Association, Inc. Sources

The table below illustrates the susceptibility ratings for the seven contaminant categories (and radon) for each source in the system. The table provides the number of wells and intakes that rated high (H), medium (M), or low (L) for each contaminant category. For susceptibility ratings of purchased water, refer to the specific water system's source water assessment report.

The seven contaminant categories are defined at the bottom of this page. DEP considered all surface water highly susceptible to pathogens, therefore all intakes received a high rating for the pathogen category. For the purpose of Source Water Assessment Program, radionuclides are more of a concern for ground water than surface water. As a result, surface water intakes' susceptibility to radionuclides was not determined and they all received a low rating.

If a system is rated highly susceptible for a contaminant category, it does not mean a customer is or will be consuming contaminated drinking water. The rating reflects the potential for contamination of source water, not the existence of contamination. Public water systems are required to monitor for regulated contaminants and to install treatment if any contaminants are detected at frequencies and concentrations above allowable levels. As a result of the assessments, DEP may customize (change existing) monitoring schedules based on the susceptibility ratings.

Sources	Pathogens			Nutrients			Pesticides			Volatile Organic Compounds			Inorganics			Radionuclides			Radon			Disinfection Byproduct Precursors			
	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	
Wells - 3		1	2	2	1				3	2		1			3			3			1	2			3
GUDI - 0																									
Surface water intakes - 0																									

- **Pathogens:** Disease-causing organisms such as bacteria and viruses. Common sources are animal and human fecal wastes.
- **Nutrients:** Compounds, minerals and elements that aid growth, that are both naturally occurring and man-made. Examples include nitrogen and phosphorus.
- **Volatile Organic Compounds:** Man-made chemicals used as solvents, degreasers, and gasoline components. Examples include benzene, methyl tertiary butyl ether (MTBE), and vinyl chloride.
- **Pesticides:** Man-made chemicals used to control pests, weeds and fungus. Common sources include land application and manufacturing centers of pesticides. Examples include herbicides such as atrazine, and insecticides such as chlordane.
- **Inorganics:** Mineral-based compounds that are both naturally occurring and man-made. Examples include arsenic, asbestos, copper, lead, and nitrate.
- **Radionuclides:** Radioactive substances that are both naturally occurring and man-made. Examples include radium and uranium.
- **Radon:** Colorless, odorless, cancer-causing gas that occurs naturally in the environment. For more information go to <http://www.nj.gov/dep/rpp/radon/index.htm> or call (800) 648-0394.
- **Disinfection Byproduct Precursors:** A common source is naturally occurring organic matter in surface water. Disinfection byproducts are formed when the disinfectants (usually chlorine) used to kill pathogens react with dissolved organic material (for example leaves) present in surface water.