



Jacobson

RECEIVED

DEC 23 2008

BUREAU OF MATERIALS MANAGEMENT  
& COMPLIANCE ASSURANCE

December 18, 2008

Ms. Antoanela Daha, Sanitary Engineer  
Connecticut Department of Environmental Protection  
Bureau of Materials Management and Compliance Assurance  
Permitting and Enforcement Division  
79 Elm Street  
Hartford, Connecticut 06106-5127

Re: The Red Barn Restaurant  
Westport, Connecticut  
Preliminary Engineering Evaluation  
Wastewater Collection, Treatment and Disposal Facilities  
NLJA PN 1000-0001

Dear Ms. Daha:

I write as a follow up to our discussion of this morning and provide the following additional information pertaining to the Red Barn Restaurant wastewater collection, treatment and disposal facilities. I spoke with Mr. Frank Nistico, who is one of the owners of the facility, and he provided me with the following information.

- a. The existing catch basin located at the low point of the driveway/parking area has an outlet pipe which discharges to Poplar Plains Brook.
- b. The easterly building, which is a single family residence, is constructed on a concrete slab and has no basement or footing drains.
- c. The restaurant building does have a basement and there are three (3) sump pumps in the basement that are used to remove groundwater for purposes of keeping the restaurant basement dry.

In terms of your question regarding potential use of the westerly portion of the property in the parking lot area as a possible location for a subsurface wastewater absorption system, I believe the existing catch basin and building foundation drainage system would pose travel time problems similar to the easterly portion of the property. The storm drain and foundation drain would also create issues relative to the Water Quality Standards in terms of creating point source discharges to Poplar Plains Brook. Visual examination of the westerly area and a review of the

---

Nathan L. Jacobson & Associates, Inc.  
Nathan L. Jacobson & Associates, P.C. (NY)  
86 Main Street P.O. Box 337 Chester, Connecticut 06412-0337  
Tel 860.526.9591 Fax 860.526.5416  
Consulting Civil and Environmental Engineers Since 1972



Ms. Antoanela Daha, Sanitary Engineer  
Re: The Red Barn Restaurant

December 18, 2008  
Page 2

topographic map show the westerly part of the site to be lower in elevation than the easterly portion of the property where the existing subsurface wastewater absorption system is located. Soils testing and depth to groundwater observation at Test Pit No. 1 showed the groundwater at this location to be approximately 17 inches closer to the ground surface as compared to the easterly portion of the site.

Should you have any questions or require any additional information regarding this matter, please feel free to call.

Sincerely,

Nathan L. Jacobson & Associates, Inc.

A handwritten signature in cursive script that reads 'Brian C. Curtis'. The signature is written in dark ink and is positioned above the printed name.

Brian C. Curtis, P.E.

cc Frank Nistico  
Leo Nevas