

August 11, 2000

State of Iowa
Department of Natural Resources
Environmental Protection Division
502 E. 9th Street
Des Moines, Iowa 50319

Attn: Mr. Wayne Farrand
Section Supervisor

Re: Proposed lease to the Muslim Youth Camps of America (MYCA) at
Coralville Lake, Johnson County, Iowa

Dear Mr. Farrand:

As you have recently discussed with our staff, Zambrana Engineering, Inc. is currently under contract with the Rock Island District Corps of Engineers for the preparation of an Environmental Assessment regarding four (4) different usage scenarios for the Coralville Lake site. One area of investigation involves permit requirements for wastewater treatment and disposal under current Iowa DNR regulations.

The subject alternative includes facilities proposed by the lease applicant on the 106 acre site adjoining Coralville Lake including a lodge, cabins, tent platforms and a caretakers residence. The average daily wastewater flow from these facilities has been computed to be approximately 8,900 gpd, which would presumably place this activity in the category of a semipublic sewage disposal system as defined in Chapter 64 of the Iowa Administrative Code.

By applying the current separation distances to inhabited residences (1,000 feet) and lakes/public impoundments (400 feet) outlined in Paragraph 64.2(3) to the proposed site, we have found that no areas exist within the present boundaries for the installation of a wastewater disposal system under your criteria. Another alternative that will have a lower intensity of usage may also generate wastewater flows in excess of the criteria outlined in Paragraph 64.1 (5) which amounts to four (4) or fewer dwelling units (or about 1,500 gpd).

Please advise us if you are aware of any initiatives being developed to reduce the current separation requirements to a standard wastewater treatment facility with a soil absorption field disposal system, or if you believe that the project would qualify for a variance. If this is the case, please provide us with further information regarding the separation distances that may be applied.

Should you have any questions regarding the specific elements of the MYCA lease proposal or EA investigation, please do not hesitate to contact myself or Jim Sander at (314) 664-1900.

Sincerely,

ZAMBRANA ENGINEERING, INC.



Richard R. Rosenberger, P.E.
VP Engineering

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