

# LAKE PROFESSIONAL ENGINEERING SERVICES, INC.

CONSULTING ENGINEERS  
P.O. Box 27  
Candenton, Mo. 65020

JAMES O. JACKSON, P.E. 573-480-0508 - BOWDEN CAMPBELL, EIT 573-480-7100  
573-873-3898

November 17, 1998

Mr. Breck E. Summerford, P.E.  
Chief, Engineering and Compliance Section  
Public Drinking Water Program  
P.O. Box 176  
Jefferson City, MO 65102

**FILED<sup>2</sup>**

APR 02 2007

Missouri Public  
Service Commission

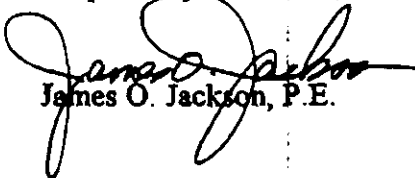
RE: Big Island Home Owners Association, Review No. 31182-98

Dear Mr. Summerford:

Attached is a copy of the drawing furnished the Jefferson City Regional Office concerning how the water and sewer lines have been constructed in the same trench. You also asked for the amount of line already installed and that figure is 4600'. As I indicated to you on the telephone yesterday, I will be glad to furnish any additional information to you, at any time.

I there are any questions please feel free to contact me.

Respectfully Submitted,

  
James O. Jackson, P.E.

*Dugh* Exhibit No. 60  
Case No(s) WC-2006-0682 et c  
WC-2007-027  
Date 3-01-07 Rptr AF

Date Rec'd 11-17-98 Plan # 31182-98R  
Public Drinking Water Program  
Division of Environmental Quality

**RECEIVED**

NOV 17 1998

PUBLIC DRINKING WATER

STATE OF MISSOURI  
**DEPARTMENT OF NATURAL RESOURCES**  
DIVISION OF ENVIRONMENTAL QUALITY  
P.O. Box 176 Jefferson City, MO 65102-0176

Mel Carnahan, Governor • Stephen M. Mahfood, Director

Camden County  
Big Island Home Owners Association  
Review No. 31182-98  
PWS ID # MO 3031265

November 19, 1998

Lake Professional Engineering Services, Inc.  
P.O. Box 27  
Camdenton, MO 65020

ATTN: James O. Jackson, P.E.

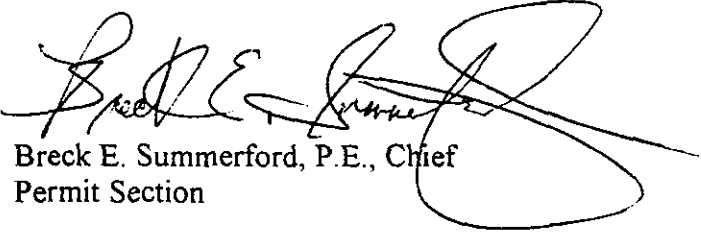
Dear Mr. Jackson:

We are in receipt of your letter dated November 17, 1998 and plan sheet of a trench detail for the water and sewer line construction for the Big Island Home Owners Association, Camden County, Missouri. In cases where it is not practical to maintain a ten foot separation, the department may allow deviation on a case-by-case basis, if supported by data from the design engineer. The supporting data must be provided. Also, any revisions to the plans and specifications must have the seal of a professional engineer affixed.

Please be advised that construction of the water and sewer must be stopped immediately, until such time a construction permit is issued. Should you have any questions with regard to this matter, feel free to give me a call.

Sincerely,

**PUBLIC DRINKING WATER PROGRAM**



Breck E. Summerford, P.E., Chief  
Permit Section

BES:rme

c: City of Osage Beach  
Big Island Home Owners Association  
Jefferson City Regional Office

# LAKE PROFESSIONAL ENGINEERING SERVICES, INC.

CONSULTING ENGINEERS

P.O. Box 27

Camdenton, Mo. 65020

JAMES O. JACKSON, P. E. 573-480-0508 - BOWDEN CAMPBELL, EIT 573-480-7100  
573-473-3898

November 22, 1998

Mr. Breck E. Summerford, P.E.  
Chief, Engineering and Compliance Section  
Public Drinking Water Program  
P.O. Box 176  
Jefferson City, MO 65102

RE: Your Letter of November 19, 1998, Review No. 31182-98

Dear Mr. Summerford:

As indicated in my letter of November 17, 1998 the developers at Big Island Home Owners Association have started installing water and sewer lines. The part of the lines have been installed in the same trench although the construction permit for the water system has not been approved. The application for the sewer system has come off the 30-day list and should be issued at any time. The developers decided to proceed with the water and sewer line construction in order to take advantage of the good weather and so the lines will be in before winter arrives. Also, the developers had a good bid from a local contractor that they wanted to take advantage of.

The original plans called for the water line to be placed on one side of the Camden County lake road and the sewer on the other side of the road. However, several problems have surfaced and the developers and the contractor decided to place the lines in the same trench. The problems encountered are as follows:

1. The lake road is very narrow and the construction equipment would cause the road to be completely close in several places during construction.
2. The Camden County Road Department wanted the lines to be off the road surface and outside the ditch line.
3. The right of way on the lakeside of the road is very close to the roadway and for the lines to be constructed on the lakeside of the road the developers and contractor would have to have tried to obtain easements from the owners. In some places this would have been impossible because there are garages and other existing structures in place and it would not have been possible to move off the right of way.
4. The road is cut into the hillside and a good portion of the road sets on solid rock.
5. The developers own the land on the side opposite the lake (and existing homeowners). They were willing to furnish an easement for the construction of the water and sewer lines.
6. The area where the sewer and water lines have been and are to be constructed is almost entirely in solid rock.

Date Rec'd 11-23-98 File # 31182-98  
Public Drinking Water Program

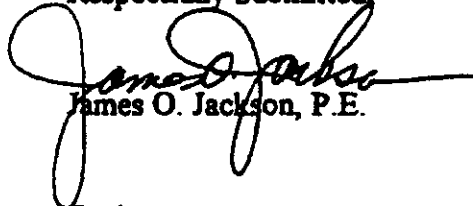
Based upon the above problems the developer and contractor decided to install the water and sewer lines in the same trench to minimize the amount of rock that would have to be removed. The developers have a copy of your letter of November 19, 1998 and as directed they have stopped construction and infact, have removed the construction equipment from the development. Work will not start up again until the construction permit is received.

The developers are sorry for the trouble caused by their starting construction with out a permit and for having to place the lines in the same trench. They are respectfully requesting that the permit be issued for the construction of the lines in the same trench, including the lines already constructed.

As requested in your letter a new plan sheet is being forwarded showing the requested construction of the lines in the same trench. Sheets 2 and 4 are the only ones changed. Sheet 3 did not change since no changes were requested in the well and storage plans. Two sets of the revised plans are provided.

Thank you for your time and consideration concerning this matter. If there are any additional questions please feel free to contact me.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "James O. Jackson", with a long horizontal flourish extending to the right.

James O. Jackson, P.E.

Enclosures