3031265

STATE OF MISSOURI

Matt Blunt, Governor • Doyle Childers, Director

DEPARTMENT OF NATURAL RESOURCES

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March 18, 2005

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Missouri Public Service Commission

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WATER PROTECTION PROGRAM

Mr. Reggie Golden
Folsom Ridge, L.L.C.
P.O. Box 54
Longmont, CO 80501

Dear Mr. Golden:

Enclosed is the report of construction inspection for the Big Island Subdivision waterline replacement and extension project in Camden County, Missouri. This report is believed to be self-explanatory, and I trust you will direct your attention to the recommendations contained therein.

After the construction of this project has been completed, please complete and submit the enclosed *APPLICATION FOR WATER MAIN EXTENSION FINAL CONSTRUCTION APPROVAL*, along with the appropriate signatures from the project engineer and the public water supply representative. If you have any questions, please feel free to contact Mr. Clinton J. Finn, P.E. of this office by calling 417-891-4300.

Sincerely,

SOUTHWEST REGIONAL OFFICE

Cynthia S. Davies

Cynthia S. Davies, Chief
Water Section

CSD/cfb

Enclosures

c: Krehbiel Engineering
Public Drinking Water Branch

Exhibit No. 68
Case No(s) WC-2006-0082 et al
Date 3-1-07 Rptr KF

CAMDEN/PDW
BIG ISLAND SUBD
MO-3031265
REVIEW #53303-04
029.pdwp.BigIslandSubd.mo3031265.WaterlineReplacement.2005.03.18.fy05.cin.5330304.cjf.doc

DEPARTMENT OF NATURAL RESOURCES
REPORT OF CONSTRUCTION INSPECTION OF PUBLIC WATER SUPPLY IMPROVEMENTS
BIG ISLAND SUBDIVISION
WATERLINE REPLACEMENT
CAMDEN COUNTY
PUBLIC WATER SUPPLY I.D. NO. 3031265
REVIEW NO. 53303-04

March 18, 2005

INTRODUCTION

On March 8, 2005, a construction inspection was made of Big Island Subdivision waterline replacement and extension in Camden County, Missouri. Mr. Clinton J. Finn, P.E. of the Missouri Department of Natural Resources Southwest Regional Office conducted the inspection. The purpose of the inspection was to determine if construction is in accordance with the approved engineering report, plans, and specifications. The following unsatisfactory features were noted with comments and recommendations for correction.

PROJECT DESCRIPTION

The approved plans and specifications for this project include the construction of the proposed water main replacement of Phase I consisting of approximately 11,268 lineal feet of four-inch (4") PVC water mains; the proposed extension of Phase III consisting of four-inch (4") PVC water mains; the causeway encasement consisting of approximately 200 lineal feet of four-inch (4") PVC water mains incased inside an eight (8") PVC pipe, valves, fittings and appurtenances. A more detailed project description is shown on the enclosed summary sheet.

UNSATISFACTORY FEATURES

1. It does not appear that bedding material is being used on the service lines as shown on the approved revised plans.

2. Not all of the water mains conform to the location as shown on the approved revised plans. There appears to have been a change in alignment of a portion of the four-inch (4") main. Please submit as-built plans that provide the location and size of all water lines, valves and hydrants for this extension.

3. There are a few water line valves that were not accessible because the valves were covered with mud and water inside of the valve box.

4. There are a few locations were the new service line valve boxes for both the water is less than ten feet (10') from the existing sewer line valve boxes.

COMMENTS AND RECOMMENDATIONS

1. Please provide the appropriate bedding material for all of the waterlines as shown on the approved revised plans.

2. There appears to have been a change in alignment of a portion of the four-inch (4") main. Please submit as-built plans that provide the location and size of all water mains, valves and appurtenances for this extension, after the completion of the installation.

3. The valve boxes should be cleaned out so the valves are accessible. All valve boxes should be checked for obstructions and proper alignment.

4. A ten foot (10') separation of the water and sewer lines should be maintained throughout the system.

Please note that some of the silt fences used for erosion control are in need of repair. The silt fences should be reconstructed in any needed areas.

SUBMITTED BY:

Clinton J. Finn

Clinton J. Finn, P.E., Chief
Drinking Water Engineering and
Technical Assistance Unit