

*National
Codes*

~~BP Schedule~~

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Met Carnahan, Governor • Stephen M. Mahfouz, Director

DIVISION OF ENVIRONMENTAL QUALITY

Jefferson City Regional Office

210 Hoover Road P.O. Box 176 Jefferson City, MO 65102-0176

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FILED²

APR 02 2007

MEMORANDUM

DATE: June 23, 2000

Missouri Public
Service Commission

TO: File

FROM: Timothy S. Neal, Environmental Specialist
Jefferson City Regional Office

T S Neal

SUBJECT: Big Island Subd. Meeting with Dave Lees, Developer

On June 13, 2000, Keith Forck and Tim Neal of the Department of Natural Resources' Jefferson City Regional Office met with Dave Lees, Developer of Big Island Subdivision, concerning complaints of improper installation of water and sewer lines serving existing homes on Big Island. Several homeowners on Big Island have expressed concerns that water and sewer mains and individual service connections have not and are not currently being constructed to MDNR standards and do not meet national plumbing codes. Photos provided by the homeowners appeared to show some violations of both MDNR's standards and the national plumbing codes for service connections.

One of the claims by the homeowners was that a section of water and sewer mains were laid less than ten (10) linear feet apart in the same trench. The issue was not the separation distance since a variance had been granted, but that the water line was not laid on a separate, undisturbed shelf above the sewer line. Dave Lees stated that in fact the water line was laid on a separate shelf and that the shelf was comprised of compacted material. *

Another claim by the homeowners, that was verified by a photograph, concerned a one (1) inch line connected to the water main that was connected to a two (2) inch line that crossed the road and then split into three (3) one (1) inch service connections. Dave Lees stated that he was not aware of this problem and that he believed that it was a mistake on the part of the contractor who did the installation. Dave Lees then stated that he would have the contractor dig up the area in question and have the problem corrected. The work was supposed to be done starting on Thursday June 15, 2000.

Discussion also took place concerning the separation distance of the service connections for the pre-existing homes on Big Island. It was determined that, in many cases, national plumbing codes could not be met for separation distance between water and sewer due to the existing limitations of the pre-existing homes. In those cases it was not possible to install water and sewer lines without violating the standards and that the homeowners would have to accept this or not receive a service connection. Dave Lees also stated that all new home construction on Big Island would have a ten (10) foot separation between water and sewer service lines.

TSN/cr



Rush Exhibit No. 58
Case No(s). WC-2006-0388, et al
Date 2-28-07 Rptr. 44

PDWP
Big Island
MO3031265

Base copy
Time in slot

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY
Jefferson City Regional Office
210 Hoover Road - P.O. Box 176 - Jefferson City, MO 65102-0176
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June 28, 2000

Mr. Ben Pugh
HCR 67, Box 726
Roach, MO 65787

Mr. Pugh:

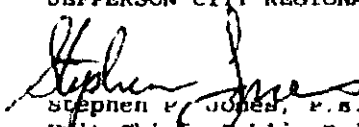
This letter is in response to your letter dated June 19, 2000. Your letter contained copies of pictures showing construction of the water and wastewater lines for the existing home on Big Island. From my understanding of the pictures, all but one picture shows construction of water and wastewater service lines. As we discussed during our meeting on June 13, 2000, The Department does not have jurisdiction or requirements for construction of service lines. Local plumbing codes usually governs requirements of service lines. In absence of local codes, national plumbing standards should be followed.

The one picture that shows a water line coming off the water main and serves multiple homes is considered a water main and not a service line. As a water main, it is governed by community construction requirements. The picture shows a one inch line coming off of the four inch water main then connecting to a two-inch line that serves the three service connections. The use of a one-inch pipe connecting four-inch and two-inch pipes is not acceptable. The one-inch pipe must be replaced with at least a two inch pipe. However, in recent discussions between Tim Neal of this office and developer, David Lee, Mr. Lee stated that shortly after the picture was taken, Mr. Lee had the contractor replace the one inch pipe with a two inch pipe. So he told Tim that this problem has already been fixed. But he said that he would have the area excavated to determine if it had been fixed. This course of action seems reasonable and appropriate to resolve this matter.

Finally in response to your request, enclosed are copies of the correspondence applicable to construction of the water main approval. Please share this information with Mr. Reggie Golden and Mr. Gene Emprather. I hope that this matter will be resolved in a way that is mutually acceptable to the homeowners and the developer. If you have any questions regarding this matter, please contact me at (573) 751-2729.

Sincerely,

JEFFERSON CITY REGIONAL OFFICE


Stephen E. Jones, P.E.
Unit Chief, Public Drinking Water Program

SPJ:cr

Enclosure

c: Public Drinking Water Program


Exhibit No. WC 8006-0058-2101
Case No(s) WC-2007-0210
Date 2-28-07 Rptr KL