



September 1, 2006

SIGMA DEVELOPMENT, INC
ADAM HAMMEN
1300 WEST CANAL ST
MILWAUKEE WI 53233

Re: Description: ALTERNATE STANDARD
Manufacturer: SIGMA DEVELOPMENT, INC
Product Name: DUCTILE IRON PIPE FOR USE AS GRAVITY SEWER PIPE
Model Number(s): ASTM A746-03 (4" - 64" pipe)
Product File No: 20060353

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. Comm 84.30 (2) and (3) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of September 2011.

This alternate approval is contingent upon compliance with the following stipulation(s):

- This plumbing product may only be installed in soil absorption systems covered by s. Comm 83.13, Wis. Admin. Code.
- When push-on joints are used to connect pipe or pipe, the joints must comply with the requirements or ANSI/AWWA C 111/A21.11. Other types of joints for connection pipes or pipe to fittings together must be recognized by the joint manufacturer as use with ductile iron pipe meeting ASTM A 764 to provide a water tight joint when subjected to 10.3 psig.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Michael J. Beckwith, CIPE
Plumbing Product Reviewer
phone: 608-266-6742
fax: 608-267-9566
e-mail: mike.beckwith@wi.gov