



YorkshireWater

**FP McCann Ltd  
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Leicestershire  
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**Yorkshire Water Services  
Limited  
Sewerage Policy  
Halifax Road  
BRADFORD  
BD6 2LZ**

**8th February 2011**

**TEL: 01274 691111**

**FP McCann Easi-base (polypropylene lined) – Final Full Approval by Yorkshire Water Services Limited**

Dear Mr Cooper

The normal specification used for new sewer construction in England and Wales is "Sewers for Adoption 6th edition". The manhole details within it do not prohibit the use of pre-cast manholes or rectangular chambers. It is considered that due to the high quality of finish and general robustness of the Easi-base (polypropylene lined) product, there is no reason to prohibit their use and they are deemed acceptable. Hence, Yorkshire Water Services Limited gives final full approval and acceptance for the installation of the FP McCann Easi-base product within its operational boundaries.

Subsequent to our previous correspondence dated 24/10/08 and 3/12/09, Yorkshire Water Services Limited confirm that the trial site at the former West Bowling Golf Club, Rooley Lane, Bradford, BD5 8LB has successfully demonstrated the satisfactory performance of the FP McCann Easi-base (polypropylene) product.

Yorkshire Water Services Limited guarantees final full approval subject to product installation as per your guidelines. In addition to your guidelines, Yorkshire Water Services Limited advise that the construction of sewers and manholes must be suitably aligned horizontally and vertically to ensure no additional bends external to the manhole are required and also vertically, the gradient of the sewers upstream and downstream are similar to the gradient through the base. It should also be noted that rocker pipes are still required where rigid pipe systems are connected.

Yorkshire Water Services Limited final full approval is valid from the date of this letter. As part of the product approval process, we will monitor the product to verify its continued compliance with YW Policy and, if deemed necessary, we will potentially remove the approval in the future. Defects to any installed products identified during the approval period must be rectified at FP McCann's expense to the satisfaction of Yorkshire Water Services Limited if deemed to comply with the guarantee conditions.

The acceptability of all sewer products will be reviewed when the new technical standard for sewers and lateral drains is published. This is anticipated for later this year.

Yours sincerely

**Sarah Coleman  
Asset Policy Manager**