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# THOUVENOT, WADE & MOERCHEN, INC.

CONSULTING ENGINEERS ■ LAND SURVEYORS ■ PLANNERS

ILLINOIS: SWANSEA ♦ WATERLOO ♦ EDWARDSVILLE MISSOURI: ST. LOUIS ♦ ST. CHARLES

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**EXCEPTIONAL SERVICE.  
NOTHING LESS.**

April 15, 2016

**Ms. Cynthia Simmons**

District Design Liaison - Local Program  
Missouri Department of Transportation  
1590 Woodlake Drive  
Chesterfield, MO 63017-5712

I do hereby attest that in accordance with the requirements of 23 CFR 635.411(c), the use of this patented or proprietary item is in the public interest.

\_\_\_\_\_  
State Design Engineer

**RE: Public Interest Finding - Hydrodynamic Separator  
City of Creve Coeur  
Coeur de Ville Rehabilitation Project  
Federal Project No. STP-5526(639)  
TIP# 5755-14  
P, S, & E Submittal**

Dear Mrs. Simmons:

On behalf of the City of Creve Coeur, our office is here within requesting FHWA approval to use a Proprietary Specification for the Hydro International – 6' Diameter Downstream Defender Hydrodynamic Separator (HDS).

The City of Creve Coeur's project must receive permit approval from the Metropolitan St. Louis Sewer District (MSD) for all improvement projects for compliance with EPA Phase II storm water quality requirements. MSD will not grant permit approval until plans, shop drawings, and calculations are submitted for the specific Best Management Practice (BMP). As a result of the permitting process imposed by MSD, you cannot substitute manufactures.

On this project, a permanent BMP must be installed near the low area of the project corridor for the treatment of the storm water runoff to meet the Phase II requirements. Due to the topography and right-of-way constraints for this project, the downstream defender is the most viable solution to treat said runoff.

Approval of this request would be appreciated so this item may remain eligible for federal fund reimbursement.

Please feel free to contact me at (314) 241-6300 or at [jlandeck@twm-inc.com](mailto:jlandeck@twm-inc.com) or Matt Wohlberg, City Engineer at the City of Creve Coeur at (314) 442-2084 or at [mwohlberg@ci.creve-coeur.mo.us](mailto:mwohlberg@ci.creve-coeur.mo.us) with any questions or comments you may have.

Respectfully,

In accordance with 23 CFR 635.411(c), I concur that it is in the public interest to use the specified patented or proprietary item.

**THOUVENOT, WADE & MOERCHEN, INC.**  
ST. LOUIS REGIONAL OFFICE

\_\_\_\_\_  
FHWA Representative

\_\_\_\_\_  
Date

  
J.R. Landeck, P.E., P.L.S.  
Branch Manager

CC: Matt Wohlberg, P.E. - City of Creve Coeur  
File