

From: [Hsieh, Patrick](#)
To: [ECY RE WW SW Manual Comments](#)
Subject: FW: Ecology Painting Suggestions
Date: Tuesday, December 20, 2011 10:08:50 AM

One of the major issues that has occurred is that as benchmarks are lowered (especially for metals), the BMPs used to aid in meeting the benchmarks are not updated in time with those regulatory changes.

As a result, permit holders have a lot of work to do in finding BMPs and technologies they can use not only for treatment, but for source control. It would be helpful if Ecology had a program similar to TAPE (which is only for treatment technologies) for source control BMPs. This way, permit holders would have an idea of what companies provide products that will help them meet benchmarks.

My specific email chain (below) is referencing painting technologies/vendors, but pressure washing, sweeping, porous pavement, etc could all be considered source control technologies. If Ecology had approved methods/products/vendors in the SWMM that would make the BMPs in the SWMM much more robust.

Patrick Hsieh, PE | Project Engineer

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patrick.hsieh@amec.com

From: Stegman, Greg (ECY) [mailto:GSTE461@ECY.WA.GOV]
Sent: Tuesday, December 20, 2011 9:57 AM
To: Hsieh, Patrick
Cc: Howie, Douglas (ECY); O'Brien, Ed (ECY); Garipey, Dan (ECY)
Subject: RE: Ecology Painting Suggestions

Patrick,

That is a good point. Ecology is currently taking comments on the draft stormwater manual (link below) and you may want to submit your comment.

<http://www.ecy.wa.gov/programs/wq/stormwater/wwstormwatermanual/2012draft/2012draftSWMMWW.html>

From: Hsieh, Patrick [mailto:Patrick.Hsieh@amec.com]
Sent: Tuesday, December 20, 2011 7:21 AM
To: Stegman, Greg (ECY)
Subject: RE: Ecology Painting Suggestions

Thanks Greg for the VM, it's just one of those things that will likely come up often, and it would help if Ecology could help vet basic standards- something like the TAPE program, but for common source control methods (vs just treatment methods).

Regards,

Patrick Hsieh, PE | Project Engineer

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From: Stegman, Greg (ECY) [mailto:GSTE461@ECY.WA.GOV]
Sent: Monday, December 19, 2011 4:03 PM
To: Hsieh, Patrick

Subject: RE: Ecology Painting Suggestions

Patrick, I left you a voice message.

Greg Stegman
Department of Ecology
Water Quality Program
Northwest Regional Office
425-649-7019

From: Hsieh, Patrick [mailto:Patrick.Hsieh@amec.com]
Sent: Monday, December 19, 2011 11:41 AM
To: Stegman, Greg (ECY)
Subject: Ecology Painting Suggestions

Greg,
Do you have any suggestions for companies that provide roof paint with no zinc or copper in the paint? We're trying to find people that can help paint over existing galvanized roofing, that understand the issues associated with zinc leaching into the stormwater.

Thanks

Patrick Hsieh, PE | Project Engineer

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