



RE: RESPONSE: New Support Request - Estimating Flow Rate

Judy J Nowakowski o Marcia K McNutt, Victor F Labson 05/24/2010 01:58 PM
"Cesnik, Catherine M", "Darren.Molot@HQ.DOE.GOV", Janet N
Cc: Arneson, "Kluse, Michael", "steven.aoki@nnsa.doe.gov",
"steve.binkley@science.doe.gov"

History: This message has been replied to.

Marcia and Catherine,

By way of this email, I'm forwarding the PNNL fluid dynamics contacts to Vic Labson, who will lead the Mass Balance Subteam of the FRTG.

Marcia--if it needs to go elsewhere please let me know.

Thanks

Marcia K McNutt Yes, thanks, Catherine! My staff support are bac... 05/24/2010 01:46:55 PM

From: Marcia K McNutt/DO/USGS/DOI
To: "Cesnik, Catherine M" <Catherine_Cesnik@ios.doi.gov>
Cc: "Darren.Molot@HQ.DOE.GOV" <Darren.Molot@HQ.DOE.GOV>, "Kluse, Michael" <mkluse@pnl.gov>, "steven.aoki@nnsa.doe.gov" <steven.aoki@nnsa.doe.gov>, "steve.binkley@science.doe.gov" <steve.binkley@science.doe.gov>, Janet N Arneson/DO/USGS/DOI@USGS, Judy J Nowakowski/DO/USGS/DOI@USGS
Date: 05/24/2010 01:46 PM
Subject: RE: RESPONSE: New Support Request - Estimating Flow Rate

Yes, thanks, Catherine!

My staff support are back in Reston, and I am sure are eager to help with this very important task! My assistant is Jan Arneson: jarneson@usgs.gov (703-648-7411) Jan can help track me down, set up phone conferences, get out material to groups, etc.

My chief of staff is Judy Nowakowski: jnowakowski@usgs.gov (703-648-4411) Judy can help you get things done or route you to the right talent in the USGS to get things done.

Marcia

Dr. Marcia McNutt
Director
US Geological Survey
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Reston, VA 20192
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(703) 648-4454 (fax)
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mcnutt@usgs.gov
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"Cesnik, Catherine M" Wonderful. By this email, I'm forwarding the... 05/24/2010 12:06:45 PM

From: "Cesnik, Catherine M" <Catherine_Cesnik@ios.doi.gov>

To: "Kluse, Michael" <mkluse@pnl.gov>, "Steven Aoki" <steven.aoki@nnsa.doe.gov>
Cc: "Steve Binkley" <steve.binkley@science.doe.gov>, "McNutt, Marcia K" <mcnutt@usgs.gov>, "Darren Mollot" <Darren.Mollot@HQ.DOE.GOV>
Date: 05/24/2010 12:06 PM
Subject: RE: RESPONSE: New Support Request - Estimating Flow Rate

Wonderful. By this email, I'm forwarding the PNNL POCs to Marcia McNutt, Director of USGS, who is now leading the flow rate team so that they can be plugged in as appropriate.

Marcia, is there someone on your staff to whom I should be sending this type of information, or should I send it to you directly?

Thank you,

Catherine

Catherine Cesnik
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202-208-7554 office | 202-208-6032 fax | Catherine_Cesnik@ios.doi.gov

From: Kluse, Michael [<mailto:mkluse@pnl.gov>]
Sent: Monday, May 24, 2010 11:54 AM
To: 'Steven Aoki' <steven.aoki@nnsa.doe.gov>
Cc: Cesnik, Catherine M; 'Steve Binkley' <steve.binkley@science.doe.gov>
Subject: RESPONSE: New Support Request - Estimating Flow Rate
Importance: High

Dear Mr. Aoki:

PNNL understands the importance of characterizing the rate of release and understanding the constituent properties of the Deepwater Horizon spill. To help the Department address those needs, we offer the direct support of two senior PNNL staff from our Fluid and Computational Engineering Group who have the expertise and linkages with the science and engineering community to help guide action in these areas.

Carl Enderlin is a senior research engineer who has lead a broad variety of projects in the area of multi-phase fluid mechanics including design and testing of systems and equipment for the mobilization, mixing, transport, and sampling of slurries and complex fluids; numerical simulation of thermal hydraulic systems; computational modeling, analysis, mechanical and system design; and fluid dynamic testing. Dr. Phil Gauglitz is a project manager and engineer with extensive experience with multiphase fluids, gas retention and release in slurries and fluids, and flow quantification in such systems. Prior to coming to PNNL, Dr. Gauglitz worked for a number of years for Chevron and Shell Development company on oil/water science and engineering problems.

Resumes for Carl Enderlin and Phillip Gauglitz are attached.

Please contact me should you choose to engage these staff in this most important endeavor.

Regards,

Attachments:

1. Resume, C Enderlin
2. Resume, P Gauglitz

Michael Kluse

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