To: Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]
From: Robert Law
Sent: Thur 4/4/2013 3:07:20 PM
Subject: RE: RE:

I recycle and my XC-60 is ZPEV.....

>>> "Vaughn, Stephanie" <Vaughn.Stephanie@epa.gov> 4/4/2013 11:03 AM >>>

Here's a factsheet that provides some information, http://clu-in.org/greenremediation/docs/Clean_FuelEmis_GR_fact_sheet_8-31-10.pdf . You can also do a search on Tier 2 engines and come up with a lot of information.

As a reminder, here's a link to the EPA Region 2 Clean and Green Policy, which should also be followed (as is stated in the policy) to the extent practicable, http://www.epa.gov/region2/superfund/green_remediation/gr_policy_signed.pdf . Here's a general link to GR in Region 2, http://www.epa.gov/region2/superfund/green_remediation/policy.html .

From: Robert Law [mailto:rlaw@demaximis.com]
Sent: Thursday, April 04, 2013 10:26 AM
To: Vaughn, Stephanie
Subject: RE: RE:

ok - What is Tier 2 and where do I learn this?

>>> "Vaughn, Stephanie" <Vaughn.Stephanie@epa.gov> 4/4/2013 10:22 AM >>>

Not bio-diesel, it will most likely be requirements on what type of engine the tugs and (if possible) the dredging equipment should have (Tier 2).

Tier 2 engines were required for the harbor deepening project. Dozens of pieces of equipment were retrofit, and the thought is that some should be available for use on this project. The use of an electric system may be worth exploring too, but I understand this may not be feasible. Do you know if the contractor plans to use an integrated dredge/barge? And would they bring in their own equipment, or use local pieces?

As I mentioned, I'm working with our expert on this in the region and should be able to get you some more definitive guidance soon (maybe even today).

Thanks,

Stephanie

From: Robert Law [mailto:rlaw@demaximis.com]
Sent: Thursday, April 04, 2013 10:12 AM
To: Basso, Ray; Vaughn, Stephanie; MichaelBarbara
Cc: Willard Potter
Subject: RE: RE:

Thanks we are working on cost estimates with Hill and their subs and want to include this in our planning. Also - the bio-diesel thing.....

>>> "Vaughn, Stephanie" <Vaughn.Stephanie@epa.gov> 4/4/2013 10:01 AM >>>

I've contacted Bill Good, who coordinated the program. I'm hoping to be able to send you some names next week.

Thanks

From: Robert Law [mailto:rlaw@demaximis.com]
Sent: Wednesday, April 03, 2013 5:41 PM
To: Basso, Ray; Vaughn, Stephanie; Michael Barbara
Cc: Willard Potter
Subject: RE:

JTI candidates?

>>> "Vaughn, Stephanie" <Vaughn.Stephanie@epa.gov> 4/3/2013 5:06 PM >>>
That works for me.

Thanks

-----Original Message-----
From: Michael Barbara [mailto:mab.consulting@verizon.net]
Sent: Wednesday, April 03, 2013 2:47 PM
To: Basso, Ray
Cc: Vaughn, Stephanie; Law Robert H. Ph.D., P.G.; Potter Willard (Bill)
Subject:

Stephanie and Ray - we'd like to schedule a call with you on Monday to discuss some schedule issues - would 1PM work for you??

Regards,

mike

Mike Barbara
Sent from my iPad

(908) 510-5703