To: Stan Kaczmarek[stank@demaximis.com]
Cc: Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]
From: Hoppe, Michael
Sent: Fri 8/2/2013 1:49:17 AM
Subject: Re: LPR Air Monitoring - Availability of PQ-100 Air Samplers

Very good. Thanks.

From: Stan Kaczmarek <StanK@demaximis.com>
Sent: Thursday, August 01, 2013 6:19:24 PM
To: Hoppe, Michael
Cc: Robert Law; Roger.McCready@CH2M.com; Vaughn, Stephanie; Willard Potter
Subject: RE: LPR Air Monitoring - Availability of PQ-100 Air Samplers

I have been informed that CH2 had located a PQ100 sampler late this afternoon, and it is being shipped so that it can be put in place on Saturday. It should be put in to the PMS #2 location.

Stan Kaczmarek, PE
de maximis, inc.
186 Center Street, Suite 290
Clinton, NJ 08809
(O) (908) 735-9315
(C) (973) 978-9621

>>> On 8/1/2013 at 5:37 PM, in message <d50c34d988bb4a209f4036177a45bede@BY2PR09MB062.namprd09.prod.outlook.com>, "Hoppe, Michael" <Hoppe.Michael@epa.gov> wrote:

Stan,

After we spoke, I read the part of the email that mentions the Pine Environmental contract. You mentioned that they checked their competitors already, but regardless, we need to locate a sampler that will perform in a similar manner or

another PQ100. I agree with the movement of PMS#2 sampler to PMS#3, based on proximity to the dredge activities as a **temporary** solution.

Clean Air Rentals: Rental.cleanair.com (Illinois) rents PQ100s

US Environmental Rentals (local to Metuchen/Edison) may rent them but don't know for sure, but at least they are close, and if they have something it can be picked up and brought to Site in about an hour.

The DataRams already on Site are equipped with a PM10 head (like the PQ100) and they can have an internal filter analyzed (as can a Dust Trak by TSI available through USEnv Rentals or Pine), in a similar way as the PQ100 . They

operate at considerably less flow, usually around 2 Liters per minute, versus your high vols that go to around 10+ LPM and the filters are smaller (in diameter, not pore size). I am not too sure what your set points for flow are on the PQ100s or what your total volume needs are for the detection level or even your filter size/type (glass fiber, mixed cellulose ester filter, etc), but there has to be another way to do this without PQ100s. I am not saying that the DataRams or Dust Traks are the answer, but the method cannot be dependent on one variety of sampler.

Good luck, and keep looking.

Mike

Michael Hoppe

USEPA Region 2

Response and Prevention Branch

Preparedness Section

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From: Stan Kaczmarek [mailto:StanK@demaximis.com]
Sent: Thursday, August 01, 2013 12:10 PM
To: Hoppe, Michael
Cc: Vaughn, Stephanie; Robert Law; Roger.McCready@CH2M.com; Willard Potter
Subject: Fwd: LPR Air Monitoring - Availability of PQ-100 Air Samplers

Mike, I mentioned this morning about difficulty getting all the equipment needed for air sampling. Following is CH2M-Hill's proposal for dealing with the inability to get one more PQ-100 sampler. Please advise if this is acceptable (moving the sampler that was going to be near the bocci ball courts to be closer to the dredging operation itself).

Stan Kaczmarek, PE

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>>> On 8/1/2013 at 12:03 PM, in message <8ef436a2-c4de-47a4-afa3-aeeb0ada9e2e@BERTHOUD.amr.ch2m.com>, <Roger.McCready@CH2M.com> wrote:

Stan,

As requested by EPA, CH2M HILL has added the third location, PMS#3, to the air monitoring plan. This third location was to have two PUF samplers one each to collect composites for dioxin and PCBs and a PQ-100 that collects the samples for PM10 and mercury. CH2M HILL has a nationwide contract with Pine Environmental (headquartered in NJ) for all our field equipment and supplies, therefore we have some pull with them and this project is a big project for them as well. Unfortunately, the PQ-100 samplers are hot commodities and Pine does not have any more and they have reached out to other environmental equipment renters and to the manufacturer and there a no PQ-100 to be had for weeks. Therefore, CH2M HILL proposes to move the PQ-100 from the PMS#2 location to the PMS#3 location so that we have a full suite of COPCs sampling capability at PMS#3 (dioxin, PCB, mercury and PM10) nearer to the start of dredging. Therefore, the

location PMS#2 will have real-time monitoring and two PUF samplers (dioxin and PCBs) but will not have a PQ-100 and the capability to sample for mercury and PM10.

Please pass this by EPA for their review?

Thanks,

Roger

Roger McCready, CPG

Project Manager

CH2M HILL

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