



From: [Larsen, Thurman](#)
To: [VanHorn, Kristen, NMENV](#)
Subject: Re: MPPE Exceedance November 30th
Date: Wednesday, December 19, 2012 8:32:03 AM

Kristen, sorry that it has taken so long. I'm on vacation (in Dallas) until 12-26. Please check with Ed on the status. The last that I know was information was sent to Corporate for their review.

Regards,
Beck

From: VanHorn, Kristen, NMENV [mailto:Kristen.VanHorn@state.nm.us]
Sent: Tuesday, December 18, 2012 02:31 PM
To: Larsen, Thurman
Cc: Riege, Ed; Hains, Allen; Cobrain, Dave, NMENV <dave.cobrain@state.nm.us>
Subject: MPPE Exceedance November 30th

Beck,
Has there been any progress on gathering this information for us?

Thanks,
Kristen

Kristen Van Horn
*NMED Hazardous Waste Bureau
2905 Rodeo Park Drive East Building 1
Santa Fe, NM 87505
Phone: 505-476-6046*

From: VanHorn, Kristen, NMENV
Sent: Tuesday, December 11, 2012 3:09 PM
To: 'Larsen, Thurman'
Cc: Riege, Ed; Cobrain, Dave, NMENV
Subject: RE: MPPE Exceedance for November 30, 2012

Beck,
Thanks for your email notification of the high benzene result.

I would appreciate some clarification regarding the effluent sampling from the MPPE:

1. Where is the sample port located? And what does it look like? Would you please take a photo of the sample port and add something for scale?
2. How long is the line leading from the effluent line to the sample port?
3. How are MPPE system effluent samples collected? Is there a written procedure for sampling? If so, please email me a copy.
4. Does the on-site lab use a gas chromatograph (GC) for analysis or a different instrument? That is, are the analytical methods at Hall and at the refinery lab comparable?
5. How is the split sample collected? How much time passed between the collection of the Hall sample and the split sample?

Thanks for your time,
Kristen

Kristen Van Horn

*NAMEI Hazardous Waste Bureau
2905 Rodeo Park Drive East Building 1
Santa Fe, NM 87505
Phone: 505-476-6046*

From: Larsen, Thurman [<mailto:Thurman.Larsen@wnr.com>]
Sent: Tuesday, December 11, 2012 11:32 AM
To: VanHorn, Kristen, NMENV
Cc: Riege, Ed
Subject: MPPE Exceedance for November 30, 2012

Dear Kristen,

On Friday, November 30th, the MPPE unit had a high benzene results of 1200 ug/l (1.2 ppm). At the time, the MPPE was operating normally with no issues. The turbidity (<10 NTU) Chemical dosage was low because of low hydrocarbon content and particulates.

As a standard procedure, Hall ran a duplicate analysis that gave an identical results of 1.2 ppm. The exceedance was found to contribute to a "bad" sample that was collected due to poor sampling techniques; i.e., insufficient line purging prior to collecting sample. Our internal laboratory results was < 0.1 ppm for the split sample. Western collects split samples as a standard practice. One is sent to Hall Environmental Laboratory, the other is run in our own laboratory.

The first sample collected was sent to Hall and the second sample was given to our lab. The first (Hall) sample had a higher concentration from stagnant liquid in the line because of insufficient purge volume prior to sample collection. By the time the second sample was collected, the concentration had decreased because the purge line had cleared and a satisfactory purge volume was reached at the time that our sample was collected. Therefore, the sample that was sent to Hall was a "bad" sample and not representative of the actual concentration from the MPPE Unit.

If you should have any questions or concerns, please feel free to contact me at (505) 722-0258 or via e-mail.

Thanks,
Beck Larsen