

Van Horn, Kristen, NMENV

From: Rajen, Gaurav [Gaurav.Rajen@wnr.com]
Sent: Tuesday, March 02, 2010 3:31 PM
To: Monzeglio, Hope, NMENV; Van Horn, Kristen, NMENV
Cc: Chavez, Carl J, EMNRD; Cobrain, Dave, NMENV; Riege, Ed; Turri, Mark; Allen, Ann
Subject: Flow rate data for February 2010 at inlet to AL-1, from AL-2 to EP-1, and at Benzene Stripper 3

Dear Hope and Kristen:

It is a pleasure to send to you our flow rate data for February, 2010.

We monitor the flows from Aeration Lagoon- 2 (AL-2) to Evaporation Pond -1 (EP-1) by measuring the height in a flume six times a day and then using an average height for the day. Measured in this way, the average flow from AL-2 to EP-1 in February 2010 was 279 GPM; the maximum daily flow was 340 GPM, and the minimum daily flow was 170 GPM. (Note: after the strippers, flow goes into AL-1, then into AL-2, and then enters EP-1.)

Flows through the three strippers and into AL-1 at the lagoons' area are being monitored continuously using electronic flow meters. These flows were as follows: average flows for the month – 168 GPM; maximum daily flow – 201 GPM; minimum daily flow – 138 GPM. It appears that by taking six discrete readings in the flume and averaging these, we are overestimating the flows – as the flows into AL-1 should equal the flows going from AL-2 to EP-1: we should not have more flow leaving than entering. Due to the accuracy of the electronic flow meters, it is felt that these are the true flows and should be used for record-keeping purposes.

For the benzene stripper 3 in our process area, in February only our Desalter effluent was routed to this stripper. The Desalter effluent is approximately 4.5% of our crude charge rates, and for February this works out to approximately 27 GPM as the monthly average flow rate. As our crude charge rate varied through February, we estimate that the minimum and maximum average daily flow rates through the benzene stripper 3 were 23 GPM and 29 GPM for the month of February 2010.

Best regards,

Raj

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Van Horn, Kristen, NMENV

From: Monzeglio, Hope, NMENV
Sent: Monday, March 01, 2010 11:24 AM
To: Van Horn, Kristen, NMENV
Subject: FW: Latest benzene analytical data for February 17, 2010
Attachments: February 17-2010.pdf

Kristen here is the latest benzene data, so I guess we do not need to send an email. I am going to send Raj and email to include you.

Hope

From: Rajen, Gaurav [mailto:Gaurav.Rajen@wnr.com]
Sent: Monday, March 01, 2010 11:19 AM
To: Monzeglio, Hope, NMENV; Chavez, Carl J, EMNRD
Cc: Turri, Mark; Riege, Ed; Allen, Ann; Cobrain, Dave, NMENV
Subject: Latest benzene analytical data for February 17, 2010

Dear Hope:

It is a pleasure to send to you our latest set of benzene analytical data for the third week of February, 2010. The result is less than 0.5 ppm for the output of our strippers at the lagoons. We received this set late evening on Thursday, February 25, 2010.

Best regards,

Raj

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