

Marlo Berg

From: David Sloan <DWS@freese.com>
Sent: Friday, May 03, 2013 3:02 PM
To: Marlo Berg
Cc: John Womack (CRMWD); Robert Hildreth(CRMWD); Kyle Krueger (CRMWD); Clay Rahn
Subject: RE: CRMWD RWPF Online Nitrate/Nitrite

April 25, 2013.

From: Marlo Berg [<mailto:Marlo.Berg@tceq.texas.gov>]
Sent: Friday, May 03, 2013 2:58 PM
To: David Sloan
Subject: RE: CRMWD RWPF Online Nitrate/Nitrite

David,

When exactly did the facility begin sending water to the pipeline. I need to record the date.

Marlo

From: David Sloan [<mailto:DWS@freese.com>]
Sent: Tuesday, April 30, 2013 6:12 PM
To: Marlo Berg; Joel Klumpp
Cc: John Womack (CRMWD); Kyle Krueger (CRMWD); Robert Hildreth(CRMWD); John Burch (jburch@crmwd.org); Clay Rahn
Subject: RE: CRMWD RWPF Online Nitrate/Nitrite

Marlo: Now that we are producing water, the District is trying to firm up some testing plans. For the quarterly testing, will that be done by TCEQ contractor or should the District be arranging for that? If they arrange it, are there any parameters from the first sample which will not be continued? (e.g. radionuclides)

I also wanted to check and see if you had any tentative conclusions on the field methods for nitrate/nitrite.

Thanks,

DAVID W. SLOAN, P.E., BCEE
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817 735 7277 VOICE | EMAIL: dws@freese.com
817 528 4442 CELL

From: Marlo Berg [<mailto:Marlo.Berg@tceq.texas.gov>]
Sent: Thursday, April 18, 2013 4:51 PM
To: David Sloan; Joel Klumpp
Cc: John Womack (CRMWD); Kyle Krueger (CRMWD); Robert Hildreth(CRMWD); John Burch (jburch@crmwd.org); Clay Rahn
Subject: RE: CRMWD RWPF Online Nitrate/Nitrite

All,

I have to resend this due to a rather significant spelling error. I apologize for any confusion.

Marlo

From: Marlo Berg
Sent: Thursday, April 18, 2013 1:31 PM
To: 'David Sloan'; Joel Klumpp
Cc: John Womack (CRMWD); Kyle Krueger (CRMWD); Robert Hildreth(CRMWD); John Burch (jburch@crmwd.org); Clay Rahn
Subject: RE: CRMWD RWPF Online Nitrate/Nitrite

David,

Joel, Jack and I have talked and we agree that monitoring **Nitrite** only during the week will be sufficient. I will cover this in the letter I am writing about the other methods. This will probably mean a revision to the "BIG" letter but I will wait to do that until you have run the system for a while and may have other changes.

Thank you,
Marlo

From: David Sloan [<mailto:DWS@freese.com>]
Sent: Wednesday, April 17, 2013 3:21 PM
To: Marlo Berg; Joel Klumpp
Cc: John Womack (CRMWD); Kyle Krueger (CRMWD); Robert Hildreth(CRMWD); John Burch (jburch@crmwd.org); Clay Rahn
Subject: CRMWD RWPF Online Nitrate/Nitrite

Joel: As we discussed last week, we are finding that online monitoring of nitrate is available using an ion-specific electrode. However, this method is apparently not available for nitrite. Hach has advised us that nitrite will not exist in significant concentration in a highly oxidized environment, which will certainly be the case for our product water. We would therefore ask for consideration to monitor nitrite during working days, while monitoring nitrate on all days.

Best regards,

DAVID W. SLOAN, P.E., BCEE
SENIOR PROCESS ENGINEER
BOARD CERTIFIED ENVIRONMENTAL ENGINEER



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