

Pfeiffer, Jane K - DNR

From: Pfeiffer, Jane K - DNR
Sent: Wednesday, May 29, 2024 12:00 PM
To: Brad Lewis
Cc: Nicolette Morris
Subject: RE: BRRTS #02-30-552188 Martino's 41st

Hi Brad – As we discussed on the phone this morning, note that the DNR is looking for manganese to be analyzed as an MNA parameter, not magnesium. I apologize for my miscommunication on this. Further, as a clarification, note that DNR is looking for dissolved ferrous iron (Fe²⁺) and total ferric iron (Fe³⁺) to be measured as MNA parameters. Please do not hesitate to reach out should you have any questions on these updates.

Thank you, Jane

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jane Pfeiffer

she/her/hers

Phone: (414) 435-8021

jane.pfeiffer@wisconsin.gov

From: Pfeiffer, Jane K - DNR
Sent: Thursday, May 23, 2024 4:24 PM
To: Brad Lewis <BLewis@enviroforensics.com>
Cc: Nicolette Morris <nmorris@enviroforensics.com>
Subject: RE: BRRTS #02-30-552188 Martino's 41st

Good afternoon Brad – Thank you for your email. You are correct; the DNR requests that the list of MNA parameters you provide below be measured to support the use of MNA for the subject site.

Thank you, Jane

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Jane Pfeiffer

she/her/hers

Phone: (414) 435-8021

jane.pfeiffer@wisconsin.gov

From: Brad Lewis <BLewis@enviroforensics.com>
Sent: Wednesday, May 22, 2024 11:26 AM
To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>
Cc: Nicolette Morris <nmorris@enviroforensics.com>
Subject: BRRTS #02-30-552188 Martino's 41st

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Jane,

In your most recent Technical Assistance Response (May 15, 2024) you had the following request:

Magnesium, iron, and hydrogen sulfide should be measured in addition to the MNA parameters that have been measured in the past groundwater monitoring events, as outlined in the Remediation Site Operation, Maintenance, Monitoring and Optimization Report submitted to the DNR on January 21, 2022.

The MNA parameters that were discussed in the Operation Maintenance, Monitoring and Optimization Report were ethane, ethene, methane, D.O. And ORP. So to meet your request the MNA analysis you are requiring would be:

- Magnesium
- Iron
- Hydrogen sulfide
- Ethane, ethene, methane
- D.O.
- ORP

I just want to make sure no other analysis is required before I scope the next phase of sampling.

Thanks,

Brad K. Lewis, CHMM, Principal Scientist

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