

Rozeboom, David B - DNR

From: John Storlie <john.storlie@theosgrp.com>
Sent: Thursday, October 24, 2019 10:13 AM
To: Rozeboom, David B - DNR
Cc: Steve Osesek
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Ok

John Storlie, PG | Principal Consultant | Managing Member

The OS Group, LLC

444 21st Street South | La Crosse, Wisconsin | 54601 | USA
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From: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Sent: Thursday, October 24, 2019 10:11 AM
To: John Storlie <john.storlie@theosgrp.com>
Cc: Steve Osesek <steve.osesek@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Hi John,

I'll draw an analogy to conducting a Phase II at a property with potential unknown substance releases. In this situation the department would recommend full VOC analysis (among others), and if VOC analysis concludes that only PVOCs are present, then we would require that future monitoring only included PVOCs.

At the Municipal Well #23 & 24 site, considering the priority and emphasis placed on water supply wells, I'm asking for analysis of the full 36 PFAS compounds available in the first round of samples from the full monitoring network, including the municipal wells. If initial analysis concludes that subsequent sampling can be reduced, then the Department would support a more limited scope of analytes, if appropriate.

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Dave Rozeboom

West Central Region Team Supervisor
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources

Phone: 715-839-3710

David.Rozeboom@wisconsin.gov



From: John Storlie <john.storlie@theosgrp.com>
Sent: Thursday, October 24, 2019 9:35 AM
To: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Cc: Steve Osesek <steve.osesek@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Dave – Are you thinking the Department needs analysis for all 36 analytes in the draft 36-compound WIDNR list. There are only two labs in the whole country that currently can do that. The cost is \$500 min / analysis.

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From: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Sent: Monday, October 21, 2019 2:53 PM
To: John Storlie <john.storlie@theosgrp.com>
Cc: Steve Osesek <steve.osesek@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

My contact in the water quality program is out of the office today. I expect a return call from him tomorrow. I'll be in touch as soon as I hear from him.

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Dave Rozeboom
West Central Region Team Supervisor
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
Phone: 715-839-3710
David.Rozeboom@wisconsin.gov

From: John Storlie <john.storlie@theosgrp.com>
Sent: Monday, October 21, 2019 2:51 PM
To: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Cc: Steve Osesek <steve.osesek@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Or perhaps, just grab samples at the surface?

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From: John Storlie
Sent: Monday, October 21, 2019 8:28 AM
To: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Cc: Steve Osesek <steve.osesek@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Dave – How did they collect the samples on Mississippi River? Below is outline from USGS SW sample collection guidance:

[Collection methods](#)

[Equal-width-increment sampling](#)

[Equal-discharge-increment sampling](#)

[Nonstandard sampling](#)

Organic-carbon sampling

Low-flow sampling

High-flow sampling

Sampling frozen streams

Automatic samplers

<https://water.usgs.gov/nawqa/pnsp/pubs/ofr94-455/sw-t.html>

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From: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Sent: Monday, October 21, 2019 5:12 AM
To: John Storlie <john.storlie@theosgrp.com>
Cc: Steve Osesek <steve.osesek@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Hi John,

I have attached two documents pertaining to PFAS sample collection and analysis:

- 1) **WDNR_SurfaceWater_PFAS_SOP.** This documents describes the sampling procedures used by DNR staff collecting surface water samples.
- 2) **Proposed – WI PFAS Aqueous (Non-Potable Water) and Non-Aqueous Matrices Method Criteria 9.11.19.** This document was recently out for public comment and will be finalized in the coming weeks. The final version will likely be less stringent in some areas, so in the interim labs can use this proposed document. Laboratories will be certified against the final document as applications are received. Keep in mind there will be some changes to this document before it is finalized.

The DNR recommends the following lab methods for sample analysis:

- 1) Method 537.1 for drinking water.
- 2) Modified 537 for soil, groundwater and surface water. We are allowing laboratories to use their own in-house developed method as long as the criteria specified in the WI guidance document (described above) for PFAS are met.

For sampling considerations you can follow Michigan’s PFAS Sampling Guidance linked below.

https://www.michigan.gov/pfasresponse/0,9038,7-365-86510_87154-469832--,00.html

Let me know if you have any questions.

Thank You

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Dave Rozeboom

West Central Region Team Supervisor
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
Phone: 715-839-3710

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From: John Storlie <john.storlie@theosgrp.com>
Sent: Friday, October 18, 2019 4:57 AM
To: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Cc: Steve Oseseck <steve.oseseck@theosgrp.com>
Subject: Re: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Thanks, is there a method for soils?

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From: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Sent: Friday, October 18, 2019 4:42:58 AM
To: John Storlie <john.storlie@theosgrp.com>
Cc: Steve Oseseck <steve.oseseck@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Agreed. I'll talk to our surface water quality folks and get back to you.

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Dave Rozeboom

West Central Region Team Supervisor
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From: John Storlie <john.storlie@theosgrp.com>
Sent: Thursday, October 17, 2019 5:53 PM
To: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Cc: Steve Oseseck <steve.oseseck@theosgrp.com>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Dave - What lab method the Department use for the recent Surface Water sample analyses? Is that the method you want us to use for the Black River sampling? Did they have an SOP for sample collection? We should try to be consistent with their Mississippi R sampling, I would think.

Thanks,

John

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From: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>
Sent: Wednesday, September 25, 2019 2:49 PM
To: John Storlie <john.storlie@theosgrp.com>
Cc: Steve Oseseck <steve.oseseck@theosgrp.com>; Randy Turtenwald (Turtenwaldr@cityoflacrosse.org) <Turtenwaldr@cityoflacrosse.org>; 'Lenz, Bernard' <LenzB@cityoflacrosse.org>
Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Hi John,

Do you have an ETA on the SI work plan for this site?

Thank You

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Dave Rozeboom

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From: Rozeboom, David B - DNR

Sent: Friday, July 19, 2019 2:49 PM

To: John Storlie <john.storlie@theosgrp.com>

Cc: Steve Oseseck <steve.oseseck@theosgrp.com>; Randy Turtenwald (Turtenwaldr@cityoflacrosse.org) <Turtenwaldr@cityoflacrosse.org>; 'Lenz, Bernard' <LenzB@cityoflacrosse.org>

Subject: RE: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

John,

Thank you for the notice. I look forward to a Site Investigation Workplan in mid-September.

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From: John Storlie <john.storlie@theosgrp.com>

Sent: Friday, July 19, 2019 9:26 AM

To: Rozeboom, David B - DNR <David.Rozeboom@wisconsin.gov>

Cc: Steve Oseseck <steve.oseseck@theosgrp.com>; Randy Turtenwald (Turtenwaldr@cityoflacrosse.org) <Turtenwaldr@cityoflacrosse.org>; 'Lenz, Bernard' <LenzB@cityoflacrosse.org>

Subject: BRRTS # 02-32-000065 - Wells 23 & 24, La Crosse

Dear Dave:

As we discussed this morning, I am writing to formally request an extension of the deadline for submittal of the Site Investigation Work Plan (SIWP). The OS Group, LLC, (OSG) has been engaged to complete the SIWP, but between vacation schedules for both City and OSG staff, we are unable to schedule a project kick off meeting until mid-August. The REP letter states that the SIWP is due July 10, 2019, and the City's RFP requests its submittal by August 16, 2019. I assume they already requested an extension. As this is a complex case, we request an additional month to September 16, 2016.

Please reply via with your concurrence should you concur. Thank you.

We look forward to working with you on this project.

Sincerely,

John Storlie, PG | Principal Consultant | Managing Member

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