Message

From: Maraldo, Dean [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8076BC00B04C4AC1A4E608822A0DED7D-DMARALDO]
Sent: 7/6/2018 8:26:22 PM
To: Bahr, Ryan [bahr.ryan@epa.gov]
Subject: Re: Check-in on two items
Attachments: Juneau_County_WebMaps.pdf

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Dean Maraldo
Water Enforcement & Compliance Assurance Branch
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From: Bahr, Ryan
Sent: Friday, July 6, 2018 3:09 PM
To: Maraldo, Dean
Subject: RE: Check-in on two items

Yes. 5 total. We had all 5 in one document. If you have it, I can combine them into 1 pdf.

From: Maraldo, Dean
Sent: Friday, July 06, 2018 3:07 PM
To: Bahr, Ryan <bahr.ryan@epa.gov>
Subject: Re: Check-in on two items

here are the UNL N maps and test strip maps. I also edited the legend a bit for test strip data. The results for 20 and 50 ppm are absolute and not >20 or <50. The only other map should be the overview map with sample locations, right?

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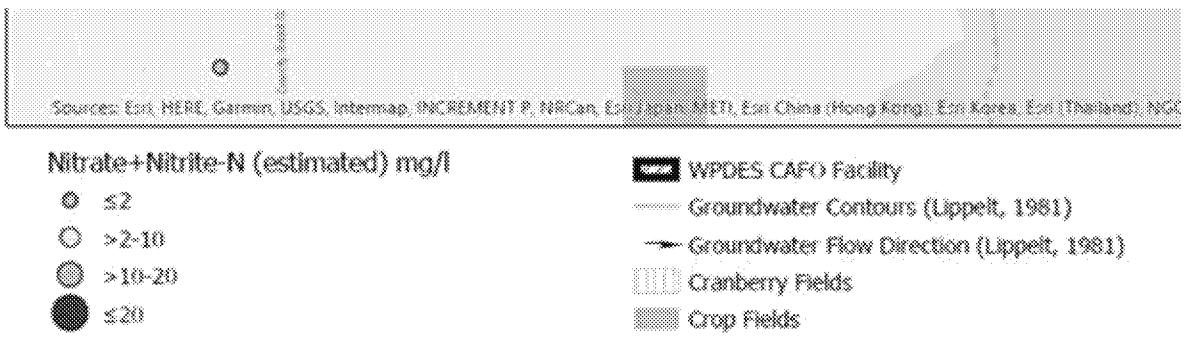
From: Bahr, Ryan
Sent: Friday, July 6, 2018 2:36 PM
To: Maraldo, Dean
Subject: FW: Check-in on two items

Dean,
Is it possible to make this change today?

From: Holst, Linda
Sent: Friday, July 06, 2018 2:35 PM
To: Bahr, Ryan <bahr.ryan@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>
Subject: RE: Check-in on two items

On the last two maps, shouldn't the red dots be ">20" and not ≤20? Otherwise, it looks fine to me.



From: Bahr, Ryan
Sent: Friday, July 06, 2018 1:17 PM
To: Holst, Linda <holst.linda@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>
Subject: RE: Check-in on two items

Linda,
Pat and I have reviewed the website and attachments and it is ready for your review and has the documents attached to be shared with Wisconsin DNR.

As we discussed earlier, regarding University of Nebraska Lab (UNL) data, we included one summary Excel spreadsheet (nitrate-nitrogen results) and related mapping but have not yet included information on the N15 isotope analysis as what we received was not labeled adequately so the reader can understand the numbers. We expect finalization of 2 summary pdf reports from UNL on Monday(1 for the nitrate-nitrogen

results and 1 for the N 15 isotope)*. We will add those Monday afternoon or Tuesday morning once they are received.

Ex. 6 Personal Privacy (PP)

* Note that additional UNL QA data and lab sample worksheets will be forthcoming later in July and will be shared with the state and posted at that time.

From: Holst, Linda
Sent: Thursday, July 05, 2018 4:30 PM
To: Kuefler, Patrick <kuefler.patrick@epa.gov>; Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>; Klassman, Debra <klassman.debra@epa.gov>
Subject: RE: Check-in on two items

So in your opinion, is this ready to be shared with WDNR? I'm waiting for all changes to be done before I look at it.

From: Kuefler, Patrick
Sent: Thursday, July 05, 2018 4:02 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

thanks

From: Ostermeier, Jennifer
Sent: Thursday, July 05, 2018 3:55 PM
To: Kuefler, Patrick <kuefler.patrick@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

I've made these changes. I can't change the "EPA in Wisconsin" title. This is where we have built the page. I changed the metadata for the PDF as well.

From: Kuefler, Patrick
Sent: Thursday, July 05, 2018 3:42 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

Some suggested edits to front page.

~~EPA in Wisconsin~~

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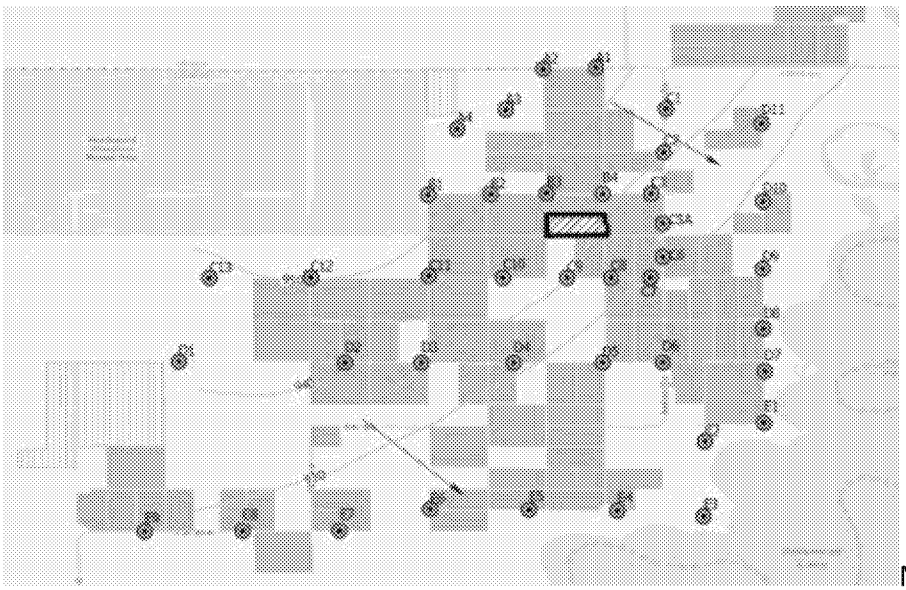
Juneau County Groundwater Screening Investigation

Background



Map showing the 41 temporary boring locations for groundwater sampling in northeast Juneau County, Wisc. For full-sized map, open the PDF of maps below.

On April 30 through May 3, 2018, EPA sampled groundwater west of Petenwell Lake in northeast Juneau County, Wisconsin, after receiving complaints of private drinking water well contamination.

EPA collected groundwater samples at 41 temporary boring locations. The samples were analyzed for:

- nutrients
- anions
- total metals
- nitrate isotopes

EPA used temporary or "point-in-time" groundwater sampling techniques with the goal of characterizing pollutants in groundwater ~~plume boundaries, hot spots or pathways~~. This information can be used to identify potential sources of groundwater pollutants~~ion~~, and potential impacts to drinking water sources~~, private wells, and determine the optimal placement of new conventional monitoring wells for long-term trend monitoring.~~ EPA will analyze the results and coordinate further with Wisconsin Department of Natural Resources to determine appropriate next steps.

Documents

EPA Temporary Boring Groundwater Sampling Data
EPA Laboratory and Field Screening Data for Juneau County Groundwater(21 pp, 6 MB, June 28, 2018)
EPA Data Summary Figures follow:
You may need a PDF reader to view some of the files on this page. See EPA's About PDF page to learn more.

- Juneau County Groundwater Screening Investigation Maps (PDF)(5 pp, 956 K, June 28, 2018)

  ~~Direct Push~~ Temporary boring Sample Locations, Deep and Shallow Results

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From: Ostermeier, Jennifer
Sent: Thursday, July 05, 2018 1:53 PM
To: Kuefler, Patrick <kuefler.patrick@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: Check-in on two items

Pat:

I updated the zip file. To view the page follow these directions.:

Ex. 6 Personal Privacy (PP)

From: Kuefler, Patrick
Sent: Thursday, July 05, 2018 12:58 PM
To: Ostermeier, Jennifer <Ostermeier.Jennifer@epa.gov>
Cc: Reshkin, Karen <Reshkin.Karen@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Bahr, Ryan <bahr.ryan@epa.gov>
Subject: FW: Check-in on two items

Jennifer – Will we have the revised website today for the Juneau County data? I sent an updated attachment earlier today.

From: Holst, Linda
Sent: Thursday, July 05, 2018 12:42 PM
To: Payne, James <payne.james@epa.gov>
Cc: Pierard, Kevin <pierard.kevin@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>
Subject: Check-in on two items

Hi, Jim. I spoke with Jim Zellmer this morning on two items:

1. **Ex. 5 Deliberative Process (DP)**
2. Regarding the **Juneau County Public Meeting**, WI is likely to send a WI Department of Health toxicologist, someone from WDNR's CAFO program, and Bruce Rheineck (Section Chief, WDNR's Ground Water Section). I said we haven't yet identified who would attend. I also said that we should have the link to the website to him today so they can see the data. We're doing QA checks on it again before we give them access. He also sent me a list of dates/times to talk through the data and to see if we agree on what we think it means. I shared those dates/times with you, WECAB (Kuefler) and ORC (Klassman). Do you have a preference on who you want to attend the discussion with WDNR?

If you have any questions/concerns, please let me know.

Linda

Linda Holst | Acting Director, Water Division | U.S. EPA Region 5, 77 West Jackson Blvd., W-15J, Chicago, IL 60604 | Ph. (312) 886-6758 | holst.linda@epa.gov