Message

From: Anderson, Milo [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7D825E9FB1EB4D9E9D0DC576DCD26C52-MANDERSO]
Sent: 2/14/2017 3:40:06 PM
To: Bahr, Ryan [bahr.ryan@epa.gov]; Burdett, Cheryl [burdett.cheryl@epa.gov]
Subject: FW: Well Construction Data for Central Wis
Attachments: AdamsJuneauWood.zip

I should have copied you in the 3 email response to Dean. Here is my first email response (the other two are forwarded emails from WDNR).

From: Anderson, Milo
Sent: Tuesday, February 14, 2017 9:03 AM
To: Maraldo, Dean <Maraldo.Dean@epa.gov>
Cc: Manoyan, Simon <manoyan.simon@epa.gov>; Tschampa, Andrew <tschampa.andrew@epa.gov>
Subject: FW: Well Construction Data for Central Wis

Dean,

I am forwarding this email in response to your request for a list of data associated with Central Sands Dairy. With regard to well data, I have well locations for the tri-county area of Adams, Juneau and Wood counties that came from WDNR. The attribution to this GIS layer includes only well location and type of well, (drinking water, etc.), no transmissivity or depth to bedrock information that might be useful to a MODFLOW modeler. That information is in the well construction records, and I'll forward you a form for signature from WDNR in order to release that information. Even the attached GIS file we were asked not to publish or share (see email below).

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Milo

From: Ihlenfeldt, Amy B - DNR [mailto:Amy.Ihlenfeldt@wisconsin.gov]
Sent: Monday, August 15, 2016 6:40 PM
To: Anderson, Milo <anderson.milo@epa.gov>
Subject: RE: Well Construction Data for Central Wis

Hi Milo:
I am attaching a shapefile of wells from our Groundwater Retrieval Network (GRN). I included a few attributes that might be useful. I also created a field called "Sensitive". These are all wells in our public water systems and all wells with high capacity well numbers. We ask people not to publish or share the well locations considered sensitive.

I also included a couple of fields that might require some explaining. DATA_OWNER is an indication of where the well record came from –GRN is pulling well data from several databases. The DATA_OWNER field tells you which data system added the well to GRN first, although the well may be in more than one database.
DWS – Drinking Water System (mainly public wells)
GEMS – landfill monitoring wells
GRN –well records added directly to GRN, often pre-1988 private wells where monitoring has been done for some reason.
LDES – wells coming in from Lab Data Entry System. Could be any type of well where we receive sample results before we have the well in another database.
SWAMP – WPDES permit (wastewater) monitoring wells
SWAP_IMAGE – pre-1988 wells where we have a scanned well construction report
WATR – Well and Test Results (well construction report database)

The WELL_USE field is GRN's attempt to determine the well use. GRN looks at what information there is about each well in the database it came from, and classifies the well use based on that information. It isn't a perfect system – there are many that GRN just calls "Various/Miscellaneous" when it can't determine a well use – but it might help you screen out some that you might not be interested in.

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Amy Ihlenfeldt
Phone: (608) 266-2955
amy.ihlenfeldt@wisconsin.gov

From: Anderson, Milo [mailto:anderson.milo@epa.gov]
Sent: Monday, August 15, 2016 2:46 PM
To: Ihlenfeldt, Amy B - DNR
Subject: RE: Well Construction Data for Central Wis

Thank you Amy.

Milo

From: Ihlenfeldt, Amy B - DNR [mailto:Amy.Ihlenfeldt@wisconsin.gov]
Sent: Monday, August 15, 2016 2:44 PM
To: Anderson, Milo <anderson.milo@epa.gov>
Subject: RE: Well Construction Data for Central Wis

Hi Milo:
Sorry I got a little swamped. It's true most pre-1988 wells have no information in our database except for the locations. We did go back and enter the pre-1988 public wells into the database but not any others.

It looks like Pete sent you the scanned well construction report pdf files. The only way to know what the well use is would be to go through one-by-one and look for well use information on those reports.

I'm not sure how often the WGNHS gets well layer updates, but I probably do have more recent post-1988 wells than what they have.
I'll work on getting that to you this afternoon.

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Amy Ihlenfeldt
Phone: (608) 266-2955
amy.ihlenfeldt@wisconsin.gov

From: Anderson, Milo [mailto:anderson.milo@epa.gov]
Sent: Monday, August 15, 2016 1:26 PM
To: Ihlenfeldt, Amy B - DNR
Cc: Ihlenfeldt, Amy B - DNR
Subject: FW: Well Construction Data for Central Wis

Amy,

Could you please verify that WDNR would not be able to offer any distinction between water supply wells that are for drinking water vs. another water supply use for wells 1988 and older?

Thanks, Milo

From: Schoephoester, Peter [mailto:peter.schoephoester@wgnhs.uwex.edu]
Sent: Monday, August 15, 2016 11:14 AM
To: Anderson, Milo <anderson.milo@epa.gov>
Subject: RE: Well Construction Data for Central Wis

With the newer post-1988 data from the DNR, yes, but unfortunately not with these.

Pete.

From: Anderson, Milo [mailto:anderson.milo@epa.gov]
Sent: Monday, August 15, 2016 11:10 AM
To: Schoephoester, Peter <peter.schoephoester@wgnhs.uwex.edu>
Subject: RE: Well Construction Data for Central Wis

Is it possible to query out just those used as a potential drinking water source, leaving out those strictly for irrigation or industrial water supply?

From: Schoephoester, Peter [mailto:peter.schoephoester@wgnhs.uwex.edu]
Sent: Monday, August 15, 2016 11:05 AM
To: Anderson, Milo <anderson.milo@epa.gov>
Subject: RE: Well Construction Data for Central Wis

They are water supply wells, including both private and public, as well as irrigation and industrial water supply. They do not include boreholes not finished as wells, and do not including monitoring wells.

Pete.

From: Anderson, Milo [mailto:anderson.milo@epa.gov]
Sent: Monday, August 15, 2016 11:03 AM
To: Schoephoester, Peter <peter.schoephoester@wgnhs.uwex.edu>
Subject: RE: Well Construction Data for Central Wis

Peter,

Just to confirm, these are drinking water wells only, or do they represent all bore holes regardless of purpose? (I finished downloading).

Milo

From: Schoephoester, Peter [mailto:peter.schoephoester@wgnhs.uwex.edu]
Sent: Monday, August 15, 2016 7:58 AM
To: Anderson, Milo <anderson.milo@epa.gov>
Subject: RE: Well Construction Data for Central Wis

Milo,

Here is the link to download the bundle of well construction report PDFs and a shapefile of their generalized point locations. Let me know if you have any questions.

https://uwmadison.box.com/s/dn4bbfrsm0zbmf3enc2ls8cmd4cltyer

Pete.

From: Schoephoester, Peter
Sent: Friday, August 12, 2016 4:25 PM
To: 'anderson.milo@epa.gov' <anderson.milo@epa.gov>
Subject: Well Construction Data for Central Wis

Hi Milo,

I compiled the data and am uploading in now, but it will be a little while before it is all ready for you (700 GB). On Monday I'll send a link for the download.

Thanks,

Pete.

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Peter Schoephoester
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