

Michelle Pedrazas

From: Michelle Pedrazas
Sent: Tuesday, October 24, 2023 10:00 AM
To: Jose Lopez
Cc: Greg Ruskauff; Hai Pham; Robin Weatherl
Subject: RE: Data Pull Request for 100-HR-3 OU

Thank you, Jose. That should be all we need from you for now. We appreciate your support.

Cheers,
Michelle

From: Jose Lopez <JLopez@intera.com>
Sent: Monday, October 23, 2023 3:52 PM
To: Michelle Pedrazas <MPedrazas@intera.com>
Cc: Greg Ruskauff <gruskauff@intera.com>; Hai Pham <HPham@intera.com>; Robin Weatherl <RWeatherl@intera.com>
Subject: RE: Data Pull Request for 100-HR-3 OU

Hi Michelle,

I've received the corrected AWLN data from Kirsten. The final dataset with the applied filters is here:

S:\PSC\CPCCO.M001.MASTER\TO-017\data\water_levels\fromJose

AWLN.txt is transducer data at AWLN wells and *ManAWLN.txt* is manual data at AWLN wells. The data is from 1/1/2014 to 6/30/2023 and only the wells in the extent I've been using.

The AWLN data had different fields than the examples you provided so things are slightly different. Here is what you'll find in each field:

- NAME: well name
- EVENT: date timestamp
- VAL_ORG: original value
- VAL_FINAL: final value
- TYPE: type of well
- ADJ: adjustment made from original value
- ADJ_TYPE: adjustment type
- QUALIFER: identifies the validity of the record
- MAP_USE: identifies the validity of the record

QUALIFER and MAP_USE fields are used to determine the validity of the data. There should only be "Approved" values in QUALIFER and no "NOT_VALID" values in MAP_USE.

I can change the field names or format the .txt files to anything you'd like if how they are now doesn't work. Let me know if you need anything else.

Jose Luis Lopez | GIS Analyst | jlopez@intera.com | 509-946-9898 x1207

From: Michelle Pedrazas <MPedrazas@intera.com>
Sent: Thursday, October 12, 2023 1:06 PM
To: Jose Lopez <JLopez@intera.com>
Cc: Greg Ruskauff <gruskauff@intera.com>; Hai Pham <HPham@intera.com>; Robin Weatherl <RWeatherl@intera.com>
Subject: RE: Data Pull Request for 100-HR-3 OU

Hi Jose,

Thank you for getting the manual data from the HEIS database, and we will wait for Kirsten to send you the corrected-AWLN data then.

If you can please place a copy of the data in the path below, that would be great.

S:\PSC\CPCCO.M001.MASTER\TO-017\data\water_levels\fromJose

Cheers,

Michelle Pedrazas
Groundwater Modeler



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From: Jose Lopez <JLopez@intera.com>
Sent: Thursday, October 12, 2023 11:43 AM
To: Michelle Pedrazas <MPedrazas@intera.com>
Cc: Greg Ruskauff <gruskauff@intera.com>; Hai Pham <HPham@intera.com>; Robin Weatherl <RWeatherl@intera.com>
Subject: RE: Data Pull Request for 100-HR-3 OU

Good Morning Michelle,

The gryManHEIS data is ready. I've placed it here:

S:\AUS\CHPRC.C003.HANOFF\Rel.044\Data

100HR3_Extent.xlsx shows the extent I'm using for the queries. sqlQuery folder contains the sql query used to pull the data.

I wasn't sure where to place the data so I created this folder. If you have a location you'd like me to place the files let me know and I'll move the data there.

Jose Luis Lopez | GIS Analyst | jlopez@intera.com | 509-946-9898 x1207

From: Jose Lopez <JLopez@intera.com>
Sent: Wednesday, October 11, 2023 4:13 PM
To: Michelle Pedrazas <MPedrazas@intera.com>

Cc: Greg Ruskauff <gruskauff@intera.com>; Hai Pham <HPham@intera.com>; Robin Weatherl <RWeatherl@intera.com>

Subject: Re: Data Pull Request for 100-HR-3 OU

Hi Michelle,

There are some things to mention about this data pull. qryManHEIS is available through HEIS and I'm able to get the data you requested on my own.

The AWLN data is not in HEIS. We get AWLN validated data through CPPCo data validator Kirsten. I reached out to her and this was her reponse:

I will have to compile the data and pull it for you. We (EDI) are currently working on getting all the validated data into the VL where everyone can review and pull what they need. I can pull 2014-6/30/2023 by COB 10/18/2023. I have not validated CY23Q3 (7/1/23-9/30/23). Q3 will be done by end of December unless there is a group of wells I can focus on and prioritize. I usually pull data for the validation process by Groundwater Interest Area.

So the AWLN data I have to get through Kirsten which she'll have ready by COB next Wednesday (10/18). I'll let you know of any updates on the AWLN data if I hear from her before 10/18.

Jose Luis Lopez | GIS Analyst | jlopez@intera.com | 509-946-9898 x1207

From: Michelle Pedrazas <MPedrazas@intera.com>

Sent: Wednesday, October 11, 2023 10:25 AM

To: Jose Lopez <jlopez@intera.com>

Cc: Greg Ruskauff <gruskauff@intera.com>; Hai Pham <HPham@intera.com>; Robin Weatherl <RWeatherl@intera.com>

Subject: Data Pull Request for 100-HR-3 OU

Hi Jose,

Thank you for meeting with me. As we discussed, please pull from the HEIS database the following: Water level data from 2014 onwards for the 100-H3-OU, with today's timestamp as the end date.

The following are the queries you will be using:

- qryAWLNAWLN_1.txt and qryAWLNAWLN_2.txt: transducer data at AWLN wells
- qryManAWLN.txt: Manual data at AWLN wells
- qryManHEIS.txt: Manual data at other wells (non-AWLN)

These query files are located here:

s:\AUS\CHPRC.C003.HANOFF\Rel.044\045_100AreaPT\d01_CY2021_datapack\0_Data\Water_Level_Data\DataPull_020222\

If there is no data available for 2023 (for example, well H3-12 should have a lot of AWLN data in 2023), you might need to access the virtual library. Greg will show you how to access this platform since you haven't used it before.

Billing code:

Thank you in advance and let me know if you have any questions.

Cheers,

Michelle Pedrazas
Groundwater Modeler



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