From: John, Forrest
To: Nolfogo, Angel
Subject: FW: NM nutrients ftp site
Date: Wednesday, November 20, 2013 12:31:00 PM
Attachments: image001.png

Angel –

Please see message from Peter Cada, Tetra Tech, regarding the elevation model used....you were correct.

Cheers

Forrest B. John
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"Far better it is to dare mighty things, to win glorious triumphs, even though checkered by failure, than to take rank with those poor spirits who neither enjoy much nor suffer much, because they live in the gray twilight that knows not victory or defeat." ~ Theodore Roosevelt

"...and 'tis our fast [first] intent to shake all cares and business from our age [of our state]; Conferring them on younger strengths, while we unburden'd crawl toward death..." ~ William Shakespeare's King Lear, Act I

"In every free and deliberating society, there must, from the nature of man, be opposite parties and...dissensions and discords;..." ~ Thomas Jefferson, 1798

From: Cada, Peter [mailto:Peter.Cada@tetratech.com]
Sent: Wednesday, November 20, 2013 12:25 PM
To: Jessup, Benjamin; John, Forrest
Subject: RE: NM nutrients ftp site

Yes, the elevation model I used was from the NHD+ 2.0 dataset. In fact, I used the HydroDEM (conditioned DEM) since it ensures that all land surfaces will flow downstream and out, somewhere. The blue lines in the image below are also from the NHD+ 2.0 dataset (flowlines). Let me know if there is any other way I might be able to assist, or answer questions.

Regards,
Peter

Peter Cada | **Environmental Scientist/Planner, GIS Manager**
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From: Jessup, Benjamin
Sent: Wednesday, November 20, 2013 1:21 PM
To: John, Forrest
Cc: Cada, Peter
Subject: RE: NM nutrients ftp site

Thanks Forrest;
Peter, can you answer about the elevation model you use.
Ben

From: John, Forrest [mailto:John.Forrest@epa.gov]
Sent: Wednesday, November 20, 2013 1:09 PM
To: Jessup, Benjamin
Subject: RE: NM nutrients ftp site

Ben –

Angel provided a map of the catchments with points but this doesn't help the question that Peter has raised. The map has been loaded to the Tt ftp site. For the example Peter provided, these in fact aren't nested sites as originally thought but rather may be a function of the elevation model used. Angel is using the original version of NHD+ which indicates, for the given example, the streams aren't connected to the main water body leading the model to exclude these areas from the catchments. However, the map as provided by Peter (it's difficult to tell with certainty with the satellite imagery turned on) indicates that the streams are connected to the water body leading Peter's delineations to include these areas in the catchments. Could you ask Peter what elevation model he is using? Could it be NHD+ 2.0?

Cheers

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From: Jessup, Benjamin [mailto:benjamin.jessup@tetratech.com]
Sent: Wednesday, November 20, 2013 10:40 AM
To: John, Forrest
Subject: RE: NM nutrients ftp site

OK, thanks!
Does that mean with or without corrections?
Ben

From: John, Forrest [mailto:John.Forrest@epa.gov]
Sent: Wednesday, November 20, 2013 11:37 AM
To: Jessup, Benjamin
Subject: RE: NM nutrients ftp site

Ben –

I was able to talk with Angel this morning regarding the forwarded example and he confirmed that these are nested catchments. To assist, Angel will provide a map on the ftp site with all of the sites and associated catchments. Angel or I will let you know when the map is loaded to the ftp site.

Cheers

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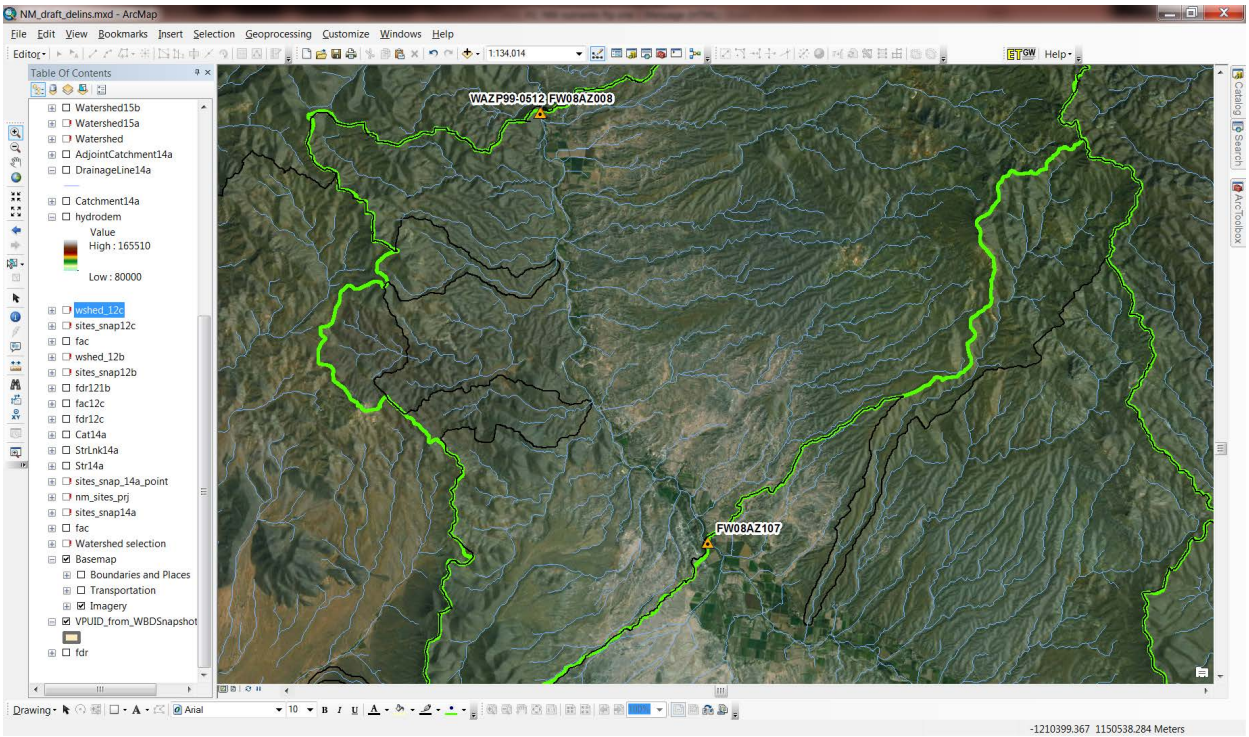
From: Jessup, Benjamin [mailto:benjamin.jessup@tetratech.com]
Sent: Tuesday, November 19, 2013 11:03 AM
To: John, Forrest
Subject: FW: NM nutrients ftp site

From: Cada, Peter
Sent: Tuesday, November 19, 2013 11:32 AM
To: Jessup, Benjamin
Subject: RE: NM nutrients ftp site

Draft_delins_merge.xxx files are ready on the FTP site for download.

FYI, another screenshot for discussion...



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From: Jessup, Benjamin
Sent: Tuesday, November 19, 2013 10:50 AM
To: Cada, Peter
Subject: RE: NM nutrients ftp site

From: Cada, Peter
Sent: Monday, November 18, 2013 9:18 PM
To: Jessup, Benjamin
Subject: RE: NM nutrients ftp site

Hi Ben,

Yes, I would be happy to take up this work. Give me a call Tuesday (tomorrow) morning any time after 9:30am EST and we can chat more about the work.

Thanks!
Peter

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From: Jessup, Benjamin
Sent: Monday, November 18, 2013 2:24 PM
To: Cada, Peter
Subject: FW: NM nutrients ftp site

Hi Peter;
I am re-engaging you for the New Mexico nutrient GIS analysis. As you remember, Region 6 wanted to do the delineations and they were waiting for Attila to be available. Now they are finishing the delineations and Attila is still not available, so we are wondering if you could run the statistics on the ~400 watersheds. I can get more details later today and tomorrow – but are you still interested?
Ben

From: John, Forrest [mailto:John.Forrest@epa.gov]
Sent: Monday, November 18, 2013 2:19 PM
To: Jessup, Benjamin
Subject: RE: NM nutrients ftp site

Ben –

Angel is currently copying the shape files for the catchment delineations to the ftp site. Attached is a pdf file that maps all of the sites. After you've had a chance to review the files, let me know and we can review. Additionally, I've discussed the GIS analysis with Jacques Oliver and he seems okay with it but I will need to draft a task in order for Jacques to assign to the task order. I'm currently working on this and should have this completed by early tomorrow.

Cheers

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From: Jessup, Benjamin [mailto:benjamin.jessup@tetratech.com]
Sent: Tuesday, November 05, 2013 11:00 AM
To: John, Forrest
Subject: NM nutrients ftp site

Hi Forrest;
Here is an ftp site for the stream delineations. The user name and password are embedded in the link below. You can add a folder as needed and let me know when the data are loaded.
Thanks!
Ben

ftp://owm-office:QwingsMill@ftp.tetratech-ffx.com/NewMexico/

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