

From: [Anzel, Phil - NRCS, Fort Collins, CO](#)
To: [Vining, Roel - NRCS, Fort Collins, CO](#); [Hoover, Dave - NRCS, Lincoln, NE](#); [Cheever, Tammy - NRCS, Lincoln, NE](#); [Speidel, Steven - NRCS, Lincoln, NE](#); [Spivak, Gary - NRCS, Fort Collins, CO](#); [Fortner, Jim - NRCS, Lincoln, NE](#); [Peaslee, Steve - NRCS, Lincoln, NE](#); [Steiner, Jennifer - NRCS, Fort Collins, CO](#); [McGlasson, Susan - NRCS, Fort Collins, CO](#); [Magnotta, Sal - NRCS, Morgantown, WV](#); [Teachman, George - NRCS, Lincoln, NE](#); [Kinney, Drew - NRCS, Temple, TX](#); [Messner, Peta - NRCS, Fort Collins, CO](#); [Sweet, Jennifer - NRCS, Fort Worth, TX](#); [Nemecek, Jason - NRCS - Madison, WI](#)
Cc: [Sexton, Dustin NRCS - St. Louis, Mo.](#); [Hursey, Ed - NRCS, Fort Collins, CO](#); [Hursey, Ed](#); [Kerstetter, Joshua - NRCS - Fort Collins, CO](#); [Anzel, Phil - NRCS, Fort Collins, CO](#)
Subject: RE: Weekly Soils Business Call / Soils FY2017 DME Tasks 1, 2, 3 status presentation
Date: Tuesday, June 20, 2017 3:21:52 PM

Good afternoon All,

During this morning's presentation a question came up about the utility of using map unit keys to define an AOI, there was also the question of having an AOI based upon national map unit symbols, particularly if the national symbol extended beyond SSA boundaries. The latter provides a very good example of the utility of the former.

Jason Nemecek called me shortly after our meeting and we explored this and other related questions in depth. Jason provided a simple query that identified map units for a national musym value "2wpww":

```
select DISTINCT mu.mukey
from legend L
left join mapunit MU on L.lkey = MU.lkey
where L.areatypename = 'Non-MLRA Soil Survey Area'
AND MU.nationalmusym = '2wpww'
```

Four mukey values are chosen by the above query for "2wpww". These extend over a 4-county area.

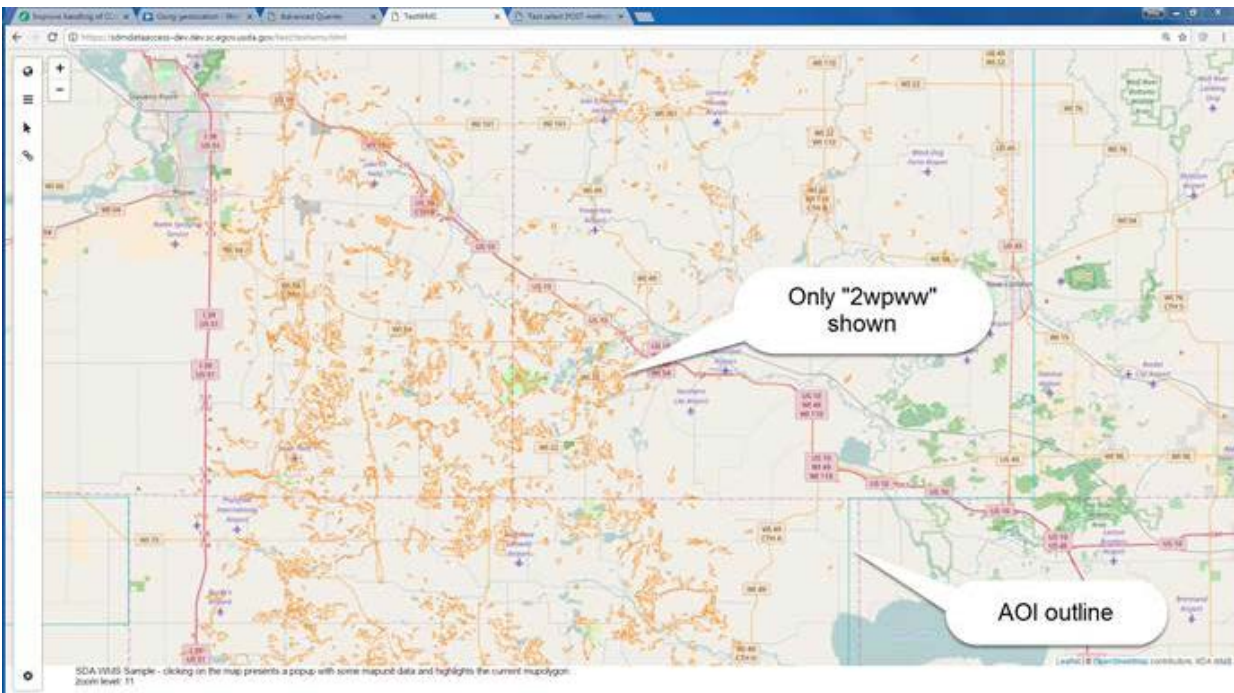
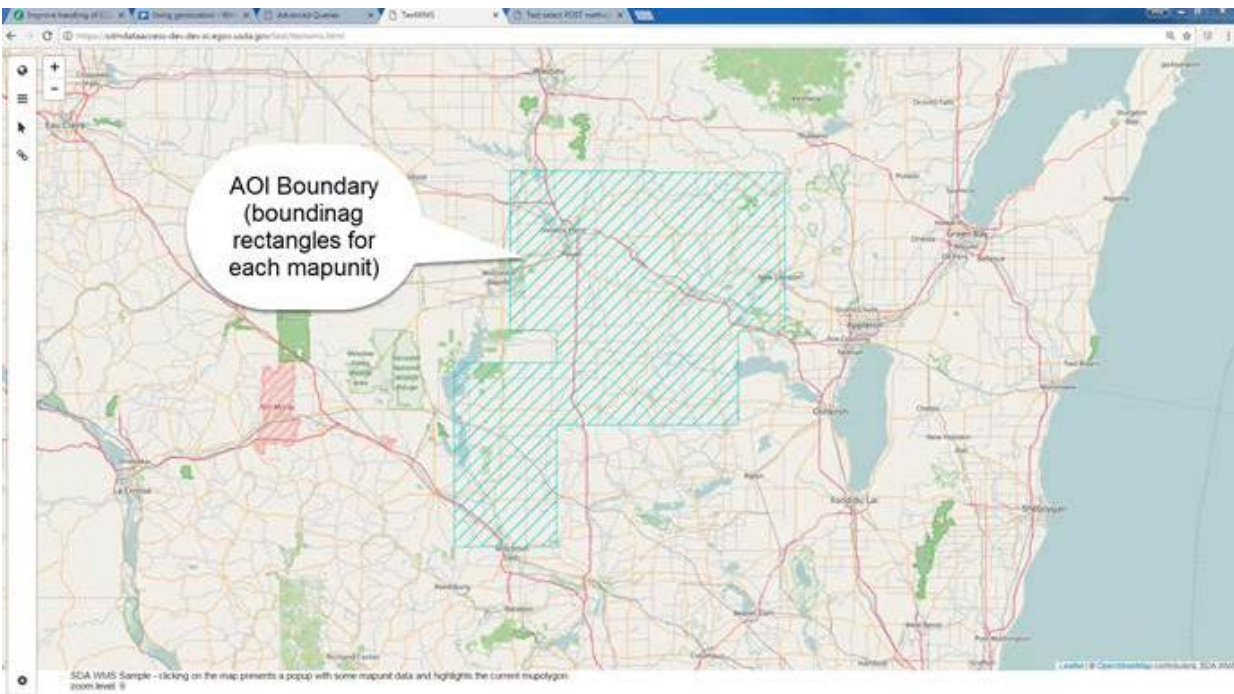
Adding some extra do-dads to define an SDA AOI gave us:

```
~DeclareIntTable(@mukeyList)~
insert into @mukeyList
select DISTINCT mu.mukey
from legend L
left join mapunit MU on L.lkey = MU.lkey
where L.areatypename = 'Non-MLRA Soil Survey Area'
AND MU.nationalmusym = '2wpww'

~CreateAoiFromMukeyList(@mukeyList,@aoiid,@message)~
select @aoiid AS Aoiid;
```

Running the above query, either in the Query page or via the TestPost page gave us an AOI ID, plopping that into TestWMS yielded a map of that nationalmusym across several counties. In the images that follow I show the AOI extent and then zoomed in a bit (and the hatching turned off) to show the distribution of 2wpww (other soil types are hidden as they're not part of the AOI).

Once "Task 4" is finished it will be possible to define a set of national musym values of interest and color the map based upon that value.



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From: Anzel, Phil - NRCS, Fort Collins, CO
Sent: Monday, June 19, 2017 8:15 PM

To: Vining, Roel - NRCS, Fort Collins, CO <Roel.Vining@ftc.usda.gov>; Hoover, Dave - NRCS, Lincoln, NE <dave.hoover@lin.usda.gov>; Cheever, Tammy - NRCS, Lincoln, NE <tammy.cheever@lin.usda.gov>; Speidel, Steven - NRCS, Lincoln, NE <steven.speidel@lin.usda.gov>; Spivak, Gary - NRCS, Fort Collins, CO <Gary.Spivak@ftc.usda.gov>; Fortner, Jim - NRCS, Lincoln, NE <jim.fortner@lin.usda.gov>; Peaslee, Steve - NRCS, Lincoln, NE <steve.peaslee@lin.usda.gov>; Steiner, Jennifer - NRCS, Fort Collins, CO <Jennifer.Steiner@ftc.usda.gov>; McGlasson, Susan - NRCS, Fort Collins, CO <Susan.McGlasson@ftc.usda.gov>; Magnotta, Sal - NRCS, Morgantown, WV <Sal.Magnotta@wv.usda.gov>; Teachman, George - NRCS, Lincoln, NE <george.teachman@lin.usda.gov>; Kinney, Drew - NRCS, Temple, TX <Drew.Kinney@tx.usda.gov>; Messner, Peta - NRCS, Fort Collins, CO <Peta.Messner@ftc.usda.gov>; Sweet, Jennifer - NRCS, Fort Worth, TX <Jennifer.Sweet@ftw.usda.gov>

Cc: Sexton, Dustin NRCS - St. Louis, Mo. <Dustin.Sexton@stl.usda.gov>; Hursey, Ed - NRCS, Fort Collins, CO <ed.hursey@ftc.usda.gov>; Hursey, Ed <Ed.Hursey@asrcfederal.com>; Kerstetter, Joshua - NRCS - Fort Collins, CO <Josh.Kerstetter@ftc.usda.gov>; Anzel, Phil - NRCS, Fort Collins, CO <Phil.Anzel@ftc.usda.gov>

Subject: RE: Weekly Soils Business Call / Soils FY2017 DME Tasks 1, 2, 3 status presentation

(Test notes PDF)

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From: Anzel, Phil - NRCS, Fort Collins, CO

Sent: Monday, June 19, 2017 8:02 PM

To: Vining, Roel - NRCS, Fort Collins, CO <Roel.Vining@ftc.usda.gov>; Hoover, Dave - NRCS, Lincoln, NE <dave.hoover@lin.usda.gov>; Cheever, Tammy - NRCS, Lincoln, NE <tammy.cheever@lin.usda.gov>; Speidel, Steven - NRCS, Lincoln, NE <steven.speidel@lin.usda.gov>; Spivak, Gary - NRCS, Fort Collins, CO <Gary.Spivak@ftc.usda.gov>; Fortner, Jim - NRCS, Lincoln, NE <jim.fortner@lin.usda.gov>; Peaslee, Steve - NRCS, Lincoln, NE <steve.peaslee@lin.usda.gov>; Steiner, Jennifer - NRCS, Fort Collins, CO <Jennifer.Steiner@ftc.usda.gov>; McGlasson, Susan - NRCS, Fort Collins, CO <Susan.McGlasson@ftc.usda.gov>; Magnotta, Sal - NRCS, Morgantown, WV <Sal.Magnotta@wv.usda.gov>; Teachman, George - NRCS, Lincoln, NE <george.teachman@lin.usda.gov>; Kinney, Drew - NRCS, Temple, TX <Drew.Kinney@tx.usda.gov>; Messner, Peta - NRCS, Fort Collins, CO <Peta.Messner@ftc.usda.gov>; Sweet, Jennifer - NRCS, Fort Worth, TX <Jennifer.Sweet@ftw.usda.gov>

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Subject: RE: Weekly Soils Business Call / Soils FY2017 DME Tasks 1, 2, 3 status presentation

(retry – PPT file in zipped form only, PDF to follow in a separate message)

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From: Anzel, Phil - NRCS, Fort Collins, CO
Sent: Monday, June 19, 2017 7:45 PM
To: Vining, Roel - NRCS, Fort Collins, CO <Roel.Vining@ftc.usda.gov>; Hoover, Dave - NRCS, Lincoln, NE <dave.hoover@lin.usda.gov>; Cheever, Tammy - NRCS, Lincoln, NE <tammy.cheever@lin.usda.gov>; Speidel, Steven - NRCS, Lincoln, NE <steven.speidel@lin.usda.gov>; Spivak, Gary - NRCS, Fort Collins, CO <Gary.Spivak@ftc.usda.gov>; Fortner, Jim - NRCS, Lincoln, NE <jim.fortner@lin.usda.gov>; Peaslee, Steve - NRCS, Lincoln, NE <steve.peaslee@lin.usda.gov>; Steiner, Jennifer - NRCS, Fort Collins, CO <Jennifer.Steiner@ftc.usda.gov>; McGlasson, Susan - NRCS, Fort Collins, CO <Susan.McGlasson@ftc.usda.gov>; Magnotta, Sal - NRCS, Morgantown, WV <Sal.Magnotta@wv.usda.gov>; Teachman, George - NRCS, Lincoln, NE <george.teachman@lin.usda.gov>; Kinney, Drew - NRCS, Temple, TX <Drew.Kinney@tx.usda.gov>; Messner, Peta - NRCS, Fort Collins, CO <Peta.Messner@ftc.usda.gov>; Sweet, Jennifer - NRCS, Fort Worth, TX <Jennifer.Sweet@ftw.usda.gov>
Cc: Sexton, Dustin NRCS - St. Louis, Mo. <Dustin.Sexton@stl.usda.gov>; Hursey, Ed - NRCS, Fort Collins, CO <ed.hursey@ftc.usda.gov>; Hursey, Ed <Ed.Hursey@asrcfederal.com>; Anzel, Phil - NRCS, Fort Collins, CO <Phil.Anzel@ftc.usda.gov>; Kerstetter, Joshua - NRCS - Fort Collins, CO <Josh.Kerstetter@ftc.usda.gov>
Subject: RE: Weekly Soils Business Call / Soils FY2017 DME Tasks 1, 2, 3 status presentation

Hi All,

In anticipation of the Soils FY2017 DME Tasks 1, 2, 3 presentation I've attached the presentation and related test notes (you may have seen this document before). I encourage a quick review of the presentation before our meeting, look for things that you might like to touch upon. We'll be skimming the surface of the presentation save for your areas of interest, I'll restrict the "live demo" part to the use of the TestWMS page unless you wish otherwise.

We'll wrap up by discussing the User Acceptance Test for all four tasks – what, who and when?

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-----Original Appointment-----

From: Vining, Roel - NRCS, Fort Collins, CO
Sent: Wednesday, April 26, 2017 10:16 AM
To: Vining, Roel - NRCS, Fort Collins, CO; Hoover, Dave - NRCS, Lincoln, NE; Cheever, Tammy - NRCS, Lincoln, NE; Speidel, Steven - NRCS, Lincoln, NE; Spivak, Gary - NRCS, Fort Collins, CO; Anzel, Phil - NRCS, Fort Collins, CO; Fortner, Jim - NRCS, Lincoln, NE; Peaslee, Steve - NRCS, Lincoln, NE; Steiner, Jennifer - NRCS, Fort Collins, CO; McGlasson, Susan - NRCS, Fort Collins, CO; Magnotta, Sal - NRCS, Morgantown, WV; Teachman, George - NRCS, Lincoln, NE; Kinney, Drew - NRCS, Temple, TX; Messner, Peta - NRCS, Fort Collins, CO; Sweet, Jennifer - NRCS, Fort Worth, TX
Cc: Sexton, Dustin NRCS - St. Louis, Mo.; Hursey, Ed - NRCS, Fort Collins, CO; Hursey, Ed
Subject: Weekly Soils Business Call
When: Tuesday, June 20, 2017 9:00 AM-10:00 AM (UTC-07:00) Mountain Time (US & Canada).

Where: Online and Room 226

Hi Folks:

One other thing, please have a computer at your disposal for the call on 20 June. We'll be skypeing in, and then Phil will run the demo.

Thanks.

Roel

This is a reminder that Phil will be providing a demonstration of the work he has done with Tasks 1, 2, and 3 on WSS and SDA on Tues 20 June. Hoping all can make it to the call. Well likely do a SKYPE session to share Phil's laptop screen with everyone.

To the Soils Dev folks:

Below is the new conference call information for the weekly Soils IT Business Meeting:

Call-in: 888-844-9904

Access Code: 6303482

Please feel free to forward this invitation to others who may want or need to be involved.