

Ruby Project

<h2>Contact Report</h2>	<h3>Ecology & Environment, Inc.</h3>
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Meeting ()	Telephone Call ()	E-mail(x)	Other ()
Date:	11-05-08		
Contact Report Prepared By:	Tim Adair		
Contact Name:	Grace Ellis		
Contact Title:	PM		
Company:	Transcon USA		
City, State:	3740 E. Southern Avenue, Suite 218 Mesa Arizona 85206		
Phone:	480.807.0095		
E-Mail:	gellis@transconusa.com		
Details:	Concerning cryptobiotic crust locations		

SUMMARY: "Hi Grace, could you please direct me to a website, or perhaps a contact with BLM where I can get as up to date information on the locations of cryptobiotic crust. We are needing to incorporate this information into a soils resource report for the Ruby Pipeline project that is planned from Opal WY, to Malin OR."

Request was sent to: "'Adair, Tim'" <TAdair@ene.com>, 11/05/2008 10:33
 "Kelly Lamborn" AM <Kelly_Lamborn@blm.gov>, "Mike Nelson" <mike_nelson@blm.gov>, "David Ream" <dream@fs.fed.us>, "Dan Stewardson" <Dan_Stewardson@BLM.gov>, "Catherine Callaghan" <ccallaghan@fs.fed.us>
 cc "'Montgomery, John'" <JMontgomery@ene.com>, "'Doren, Emily C.'" <EDoren@ene.com>, <Mark_Mackiewicz@blm.gov>
 Subject Ruby RE: cryptobiotic crust locations (Data Request)

Grace's request failed to define where cryptobiotic crusts were located along the pipeline route. Exact field locations will need to be determined by "field truthing".

FOLLOW-UP: None required.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting ()	Telephone Call ()	E-mail(x)	Other ()
Date:	11-06-08		
Contact Report Prepared By:	Tim Adair		
Contact Name:	Don Hoffheins		
Contact Title:	Supervisory Planner & Environmental Coordinator		
Company:	BLM		
City, State:	Klamath Falls Resource Area		
Phone:	541-885-4105		
E-Mail:	Don_Hoffheins@blm.gov		
Details:	Request for crypto biotic crust locations		

SUMMARY: Don was contacted by Grace Ellis via email to pass along request from Tim Adair concerning locations of cryptobiotic crusts along pipeline route.

Response from Don via email: I do not know of anyone that might have this information. Our Botanist, Molly Boyter is not available this month.

I assume that you have already checked local soil surveys and contacted the Natural Resource Conservation Service (formerly SCS) who did the Klamath County surveys.

FOLLOW-UP: None required.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting ()	Telephone Call ()	E-mail(X)	Other ()
Date:	11-21-08		
Contact Report Prepared By:	Tim Adair		
Contact Name:	Lucile Housely		
Contact Title:	Lakeview RA BLM botanist		
Company:	BLM		
City, State:	Lakeview, OR		
Phone:	541/947 6131		
E-Mail:	lucile_housley@blm.gov		
Details:	Request for BLM assistance locating cryptobiotic crusts		

SUMMARY: Request for Cryptobiotic Crust locations in Southeastern Oregon. Lucile responded to the email circulated by Grace Ellis. She stated: In the two possible areas where the pipeline is coming through this area of Oregon, we do not have any systematic surveys for fungi or cryptobiotic crusts. This summer I did have a very knowledgeable young woman working for the botany program, but she did not create a GIS layer for the crusts. Instead she collected and identified spot areas within the Resource Area. We do have a tentative list of BLM Bureau sensitive fungi and crusts for this area and she did not believe any on that list were present. I know this all sounds very vague and unprofessional; however, the BLM has been willing to fund these studies so it has been done here and there when needed. I can give you the name and telephone number of the young woman, Ria Siler, and maybe she can assist you. She is a senior in college, but she is very good at her work. I will have to ask her if that is alright with her that I give you her name? We do have one or two areas within the pipeline project that she studied and inventoried. Please let me know what you want to do? I am also pretty sure that the Forest Service does not have anyone knowledgeable to assist you.

FOLLOW-UP: Sent email response thanking her, No other response required.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting ()	Telephone Call ()	E-mail(X)	Other ()
Date:	11-21-08		
Contact Report Prepared By:	Tim Adair		
Contact Name:	Lucile Housely		
Contact Title:	Lakeview RA BLM botanist		
Company:	BLM		
City, State:	Lakeview, OR		
Phone:	541/947 6131		
E-Mail:	lucile_housley@blm.gov		
Details:	Request for BLM assistance locating cryptobiotic crusts		

SUMMARY: Request for Cryptobiotic Crust locations in Southeastern Oregon. Lucile responded to the email circulated by Grace Ellis. She supplied E & E with 4 locations, from here email dated 12/3/2008:

Tim,

I found 4 lists of microbiotic crusts which are not very large, but they are situated near or on the two pipeline proposed routes.

They may give you a picture of our area. All were created by Ria Siler:

(See attached file: Microbiotic Crust Species List 20 Mile Juniper Project Site.doc)(See attached file: Microbiotic Crust Species List for Dog Lake.doc)

(See attached file: Microbiotic Crust Species List for Beatty Butte.doc) (See attached file: Microbiotic Crust Species List for Parsnip Creek.doc)

Hope this helps a little bit-

Lucile Housley

PS I will also send this snail mail for hard copy.

FOLLOW-UP: Sent email response thanking her, No other response required.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting () Telephone Call () Other (x) email

Date:	1.8.09
Contact Made By:	Tim Adair
Contact Name:	Arlene Tugel
Contact Title:	State Soil Scientist
Company:	NM NRCS - USDA
City, State:	Las Cruces, NM
Phone:	NA
E-Mail:	Tugel, Arlene - Las Cruces, NM [arlene.tugel@lin.usda.gov]
Details:	Cryptobiotic Crust Info from NRCS

SUMMARY: I emailed a request for cryptobiotic crust locations in Western US to the NRCS in Washington DC. Emails were passed along to Arlene who forwarded me website and references for soil crusts. Mostly on the process and the general environment and conditions that create and allow crusts to survive. No actual locations were found along the pipeline ROW. Email is as follows: [Dr. Tim Adair](#),

The information you requested is available from a number of sources. Those of a more general nature are available at <http://soils.usda.gov/sqi/publications/publications.html> These include the Rangeland Soil Quality Information Sheet No 7: Biological and Physical Soil Crusts and the Soil Biology Technical Note 2: Introduction to Microbiotic Crusts.

A comprehensive listing of references on biological soil crusts is available at www.soilcrust.org The "Advanced" page on this website leads to a 90 page report available as a PDF that summarizes the state of the knowledge about biological soil crusts.

Kindly accept my apologies for a tardy reply.

Sincerely,
[Arlene Tugel](#)
Soil Scientist
NRCS

FOLLOW-UP: none required, email thanking Arlene was sent by me.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting ()	Telephone Calls (X)	E-mail()	Other ()
Date:	6/11/08		
Contact Made By:	Jennifer Rouda		
Contact Name:	Mike Domeier		
Contact Title:	State Soil Scientist		
Company:	USDA NRCS		
City, State:	Utah		
Phone:	(801) 524-4574		
E-Mail:	Mike.Domeier@ut.usda.gov		
Details:	Soil Survey Data for gap areas of Cashe County, UT survey		

SUMMARY:

I contacted Mike and he said that according to his maps the areas of concern:

T08NR04E
Western half of the township.

T09NR04E
Northern 2/3 of township.

...have not been surveyed. Only Sections 1 and 12 of T08NR04E and 31,32,and 33 of T09NR04E are available. However, he said he would call someone at Utah State University and check an interim report he has to see if there is any more info available. He also suggested we contact Paul Flood, the USFS state soil scientist in UT to see if any of the Forest Service area has been surveyed.

I called Paul Flood at (801) 236-3440 and left a message.

FOLLOW-UP:

- 1) Check back with Mike and Paul to see if they find anything else.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting ()	Telephone Call ()	E-mail(x)	Other ()
Date:	12-11-08		
Contact Report Prepared By:	Tim Adair		
Contact Name:	Christopher W Smith		
Contact Title:	National Leader for Technical Soil Services		
Company:	NRCS - USDA		
City, State:	Washington, DC		
Phone:	unkown		
E-Mail:	Smith, ChristopherW - Washington, DC [CHRISTOPHERW.SMITH@wdc.usda.gov]		
Details:	Concerning cryptobiotic crust locations and mitigation		

SUMMARY: Adair emailed a request to Sara Schmidt who forwarded the email to Christopher. SEE CR for Sara Schmidt.

Christopher responded via email:

Tim: [Here are a couple of links that may be helpful. May be more to follow.](#)

<http://soils.usda.gov/sqi/management/files/RSQIS7.pdf>

http://soils.usda.gov/sqi/management/files/micro_crusts.pdf

[Chris Smith,](#)
[National Leader for Technical Soil Services](#)
[USDA NAatural Resources Conservation Service](#)

Adair responded with another email asking for more detailed data and technical information.

FOLLOW-UP: None required.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting ()	Telephone Call ()	E-mail(x)	Other ()
Date:	12-11-08		
Contact Report Prepared By:	Tim Adair		
Contact Name:	Sara Schmidt		
Contact Title:	Assistant Division Chief Western States		
Company:	NRCS - USDA		
City, State:	Washington, DC		
Phone:	202/215-2154		
E-Mail:	Schmidt, Sara - Washington, DC [Sara.Schmidt@wdc.usda.gov]		
Details:	Concerning cryptobiotic crust locations and mitigation		

SUMMARY: Adair emailed a request to Sara Schmidt: Hi Sara, I am trying to find out as much information as possible regarding cryptobiotic crusts, their identification in the west (mainly WY/UT/NV and OR), and ways to mitigate issues with construction or excavation that may potentially "cross paths" with this type of soil environment.

Any help would be very appreciated.

Please advise

Request was sent to Michael Golden (NRCS – USDA in Washington DC). Sara’s reply is as follows: [Tim - thank you for reaching out to NRCS. I am copying our national soils survey division director Mike Golden. I am sure he can refer you to the best person or source for information. Good luck with your project! Sara.](#)

Sara Schmidt
NRCS West Regional Assistant Chief
[202/215-2154](tel:2022152154)

FOLLOW-UP: None required.

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<h2>Contact Report</h2>	<h2>Ecology & Environment, Inc.</h2>
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Meeting () Telephone Calls (X) E-mail() Other (

Date:	6/11/08
Contact Made By:	Jennifer Rouda
Contact Name:	Demont Grandy
Contact Title:	District Conservationist
Company:	WY NRCS Cokeville Field Office
City, State:	Wyoming
Phone:	307 279 3256
E-Mail:	Demont.grandy@wy.usda.gov
Details:	Soil Survey Data for Lincoln County, WY

SUMMARY:

We forwarded the following set of Township and Range coordinates for Lincoln County, WY to Demont earlier in the week so he could check is maps to see if he had any soil info on private land in the area and I called back to see if he had found anything:

- T19NR115W
- T19NR116W
- T19NR117W
- T19NR119W
- T19NR120W
- T20NR114W
- T20NR115W
- T21NR114W

He said it was quite a list and would prefer specific sections, instead, but even so he would be happy to help us however he was instructed to send this request up the chain to the state soil scientist at NRCS in WY. The State Soil Scientist, Astrid Martinez, is new and she is concerned about releasing unpublished soil data to the general public. They just had a big meeting on this, coincidentally, and are not sure of their policy now due to security considerations. A FOIA might be needed. Private land owners may not want this data released. El Paso might want to call Astrid to let her know their interest in seeing any available soil in the region. At any rate, our request is now in bureaucratic deadlock for the moment, however we can check back with Demont to ask about progress.

Demont has given out this kind of info many times before so this is a new concern with a new State Soil Scientist.

Astric Martinez, NRCS WY State Soil Scientist, contact info: (307) 233-6774

FOLLOW-UP:

- 1) Check back with Demont to see if data will be released.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting (X) Telephone Calls (X) E-mail()
Other (

Date:	7/11/08
Contact Made By:	Tim Adair
Contact Name:	DeMont Grandy
Contact Title:	District Conservationist
Company:	WY NRCS Cokeville Field Office
City, State:	Wyoming
Phone:	307 279 3256
E-Mail:	Demont.grandy@wy.usda.gov
Details:	Soil Survey Data for Lincoln County, WY

SUMMARY: DeMont provided access to the Lincoln County soil database that included historical black and white aerial photographs of soil surveys with limited coverages along the pipeline route. Photo copies of selected surveys were obtained for the project.

FOLLOW-UP: None required

CONTACT REPORT

Meeting [] Telephone [X] Other []

COMPANY **Sheldon Hart National Wildlife Refuge Complex**
PERSON(S): Gail Collins, Supervisory Biologist
ADDRESS: Sheldon Hart National Wildlife Refuge Complex
U.S. Fish and Wildlife Service
Sheldon-Hart Mtn National Wildlife Refuge Complex
P.O. Box 111, 18 South G Street
Lakeview, Oregon 97630

CONTACT INFO: Tel: 541 947-3315
E-Mail: <http://www.fws.gov/sheldonthartmtn/>
TO: T Adair
FROM: J. Rouda
DATE: May 15, 2008
CC: A. Lauzon

SUBJECT: Obtaining Soil Survey Data for Sheldon Antelope Refuge Area

Phone Conversation with Supervisory Biologist SHNWRC on 5/15/08

Gail said that she has spent the last year trying to track down this same data. She said that there is some gross level range data from the 1950's and '60s that she will scan and send me. In the 90's the Refuge supervisor at the time turned down an opportunity to get the soils surveyed so the NRCS just cut them off the map. Therefore there is no updated data for the area. The 50's-60's data is the best they can do. No current plans to survey. She will scan and send me an e-mail copy of the lot within the next week or so.

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Meeting (X) **Telephone Calls (X)** **E-mail(X)**
Other (

Date:	7/11/08
Contact Made By:	Tim Adair
Contact Name:	Jack Robinson
Contact Title:	District Conservationist
Company:	WY NRCS Lyman Field Office
City, State:	Wyoming
Phone:	(307)787-3211 x108
E-Mail:	Robertson, Jack - Lyman, WY [jack.robertson@wy.usda.gov]
Details:	Soil Survey Data for Uinta County, WY

SUMMARY:

Jack Robinson met with me on Friday afternoon. He was instructed to send this request up the chain to the state soil scientist at NRCS in WY. The State Soil Scientist, Astrid Martinez, is new and she is concerned about releasing unpublished soil data to the general public. They just had a big meeting on this, coincidentally, and are not sure of their policy now due to security considerations. A FOIA might be needed. Private land owners may not want this data released. El Paso might want to call Astrid to let her know their interest in seeing any available soil in the region

Astrid Martinez, NRCS WY State Soil Scientist, contact info: (307) 233-6774

FOLLOW-UP:

- 1) Check back with Jack to see if data will be released.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting () Telephone Call (x) Other (x) email

Date:	6.12.08
Contact Made By:	Tim Adair
Contact Name:	Kent Willett
Contact Title:	State Soil Scientist
Company:	OR USDA
City, State:	Salem, OR
Phone:	503.692.3543
E-Mail:	'kent.willett@or.usda.gov'
Details:	CRP enrolled in Klamath and Lake Counties OR

SUMMARY: I emailed a request for CRP acreages enrolled in Federal CRP for Klamath and Lake Counties Oregon to Kent on 6-10-08 and he replied via telephone on 6-12-08. Kent told me that a new Federal ruling was handed down to him not allowing CRP enrollments to be disclosed to the general public. All requests would be routed up a chain of command to Washington DC for consideration. Kent asked that I send him an email including the township and range info for the right of ways that we are looking to acquire CRP data and he would pass the request along.

FOLLOW-UP:

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting () Telephone Call () Other (x) email

Date:	6.10.08
Contact Made By:	Tim Adair
Contact Name:	Scott Bown
Contact Title:	Farm Loan Manager, Box Elder County
Company:	UT USDA
City, State:	Logan, Utah
Phone:	
E-Mail:	Bown, Scott - North Logan, UT [scott.bown@ut.usda.gov]
Details:	CRP acreage enrollment

SUMMARY: I contacted Mr. Bown via email to ask for his assistance to obtain data/resources concerning CRP acreage enrolled along the pipeline route in Box Elder County Utah. The email response I got back from Mr. Bown indicated that he would give the data to me, but his State Office supervisors indicated to him that they were unable to release the data due to several factors that are outlined in the FSA Handbook 8-CM, Rev 1 Amend. 1, page 6-59, paragraph 255. Mr. Bown provided names of other USDA officials that I might contact if I needed future agriculture or soils information.

FOLLOW-UP: none needed.

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Contact Report	Ecology & Environment, Inc.
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Meeting () Telephone Calls (X) E-mail() Other (

Date:	5/15/08
Contact Made By:	Jennifer Rouda
Contact Name:	Multiple, See Below
Contact Title:	Multiple, See Below
Company:	Uinta, Lincoln County Planning Offices and WY NRCS Offices
City, State:	Wyoming
Phone:	Multiple, See Below
E-Mail:	Multiple, See Below
Details:	Soil Survey Data for Lincoln County, WY, Uinta County, WY, and Cashe County, UT

SUMMARY:

I followed a chain of contacts hunting for Soil Survey info for Lincoln and Uinta Counties, WY and Cashe County UT.

For Lincoln County, WY I called the Lincoln County Office of Planning and Development at 1800 442 9001 and they did not know about any soil survey data but directed me to Brenda Ashworth, district manager, Star Valley Conservation District as a possible lead at 307-885-7823. I left her a message with my contact info.

On a tip from Gary at the Uinta County Planning Office (<http://www.uintacounty.com/index.asp?nid=46,307-783-0318>) I called Shawn with NRCS who is currently finishing up the new NRCS soil survey work for Uinta County. He said that they are really close to releasing an interim product to the Soil Data Mart website and we should check back in a couple of weeks. It won't be this week since the State Soil Scientist is out of the office.

I asked him about Lincoln County and he said I should call Martin Rosek at the NRCS Rock Springs Field Office at 307-362-3062 who is in charge of the Uinta Survey since he is slated to work on the Lincoln survey when it becomes an official new project in the future. He said that there might be only piece meal data and old ortho photos for the Lincoln area at present.

Martin Rosek (Martin.rosek@wy.usda.gov, 307 362 3062) said that some old mapping is available for limited areas but he does not have it. There is no timeline, schedule, or budget for the Lincoln County soil surveys but it is on the list. It will not be this fiscal year, however. In order to hunt down the old maps he said to call Steve Jelden at the State NRCS office (307) 233-6773 and Demont Grandy at the NRCS Cokeville Field Office.

Steve Jelden said to call Demont, as well.

Demont Grandy (Demont.grandy@wy.usda.gov ,307 279 3256), the district conservationist, has an old progress map and said that he has wanted a soil survey for Lincoln for the last 27 years that he has worked for NRCS. He said he would be happy to let us take a look at his 3-foot taped together old progress map if we come by or if we send him a list of the sections (township/range) we are interested in that he would be happy to let us know what kind of coverage he has in old soil maps. He said none of the BLM land is surveyed but there is some info for the private land in Lincoln County.

Demont also recommended that for Cashe County, UT soil info that we call the NRCS Logan Office (434-753-5616) or the NRCS Randolph (satellite) office at 435-793-3905.

FOLLOW-UP:

- 1) Check back in a couple of weeks on Soil Data Mart for Uinta County Data
- 2) E-mail sections of interest to Demont at Cokeville NRCS for Lincoln County and he will let us know what limited soil data they have available
- 3) Contact NRCS Logan or Randolph for Cashe County

CONTACT REPORT

Meeting [] Telephone [X] --- Other []

COMPANY **USFS, Fremont-Winema National Forests**

PERSON(S): Caroline Wisdom, National Resource Staff Officer

ADDRESS: Fremont-Winema National Forests
1301 South G Street
Lakeview. OR 97630

CONTACT INFO: Tel: 541 947-2151
E-Mail: <http://www.fs.fed.us/r6/frewin/contact/>

TO: T Adair

FROM: J. Rouda

DATE: May 15, 2008

CC: A. Lauzon

SUBJECT: Obtaining Soil Survey Data for Fremont National Forest

Phone Conversation -with USFS Nat Resources Officer on 5/15/08

Caroline said there have been some soil surveys on the USFS land, but not the BLM land. Possibly some county surveys. Some private land in there, too. She thinks she knows the ROW for Ruby, but her staff is in Portland this week. She will get back to us early next week on this. She will provide the USFS data and a contact at the county.

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Meeting ()	Telephone Calls (x)	E-mail(X)	Other (
Date:	1/12/09		
Contact Made By:	Tim Adair		
Contact Name:	Jack Robinson and Demont Grandy		
Contact Title:	District Conservationists		
Company:	WY NRCS Lyman and Cokeville Field Offices		
City, State:	Wyoming		
Phone:	(307)787-3211 x108 and (307)-279-3256		
E-Mail:	Robertson, Jack - Lyman, WY [jack.robertson@wy.usda.gov]		
Details:	Prime Farmland in Uinta County, WY		

SUMMARY:

Jack Robinson informed me through an email that no Prime Farmland is located in Uinta County, WY. Demont Grandy also informed me that no Prime Farmland is located in Lincoln County, WY.

FOLLOW-UP:

- 1) None required on Prime Farmland.

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<h2>Contact Report</h2>	Ecology & Environment, Inc.
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Meeting (X) **Telephone Calls (X)** **E-mail(X)**
Other (

Date:	7/11/08
Contact Made By:	Tim Adair
Contact Name:	Jack Robinson
Contact Title:	District Conservationist
Company:	WY NRCS Lyman Field Office
City, State:	Wyoming
Phone:	(307)787-3211 x108
E-Mail:	Robertson, Jack - Lyman, WY [jack.robertson@wy.usda.gov]
Details:	Soil Survey Data for Uinta County, WY

SUMMARY:

Jack Robinson met with me on Friday afternoon. He was instructed to send this request up the chain to the state soil scientist at NRCS in WY. The State Soil Scientist, Astrid Martinez, is new and she is concerned about releasing unpublished soil data to the general public. They just had a big meeting on this, coincidentally, and are not sure of their policy now due to security considerations. A FOIA might be needed. Private land owners may not want this data released. El Paso might want to call Astrid to let her know their interest in seeing any available soil in the region

Astrid Martinez, NRCS WY State Soil Scientist, contact info: (307) 233-6774

FOLLOW-UP:

- 1) Check back with Jack to see if data will be released.