From: Gilmour, Cindy
To: Axelrad, Don
Cc: borem@usgs.gov
Subject: RE: Charlie Driscoll seminar
Date: Friday, May 22, 2009 10:41:31 AM

Don -
I think it would be very valuable to have the Everglades crowd hear the story of how implementation of BNR at Syracuse Metro resulted in changes in ratios of electron acceptors in the lake… and decline in MeHg. This is a story of how inadvertent change in the NO3:SO4 ratio led to steep declines in MeHg production in Onondaga lake. Charley's student have hypothesized that the mechanism is a reduction in sulfate reduction rates in sediments, and have been checking it out in the lab.

Charley agree this am to give a short talk if desired.

Cindy

From: Axelrad, Don [mailto:Don.Axelrad@dep.state.fl.us]
Sent: Thursday, May 21, 2009 8:08 PM
To: Gilmour, Cindy; borem@usgs.gov
Subject: Charlie Driscoll seminar

Cindy, Bill,

What could Charlie usefully speak on? It is not a necessity that he give a seminar at the Workshop (in my opinion anyway) but I wouldn't mind hearing something even tangentially related.

I think a seminar on his work on sulfur, mercury and nitrate interactions in a lake in New York would be enlightening!

Don

Office: (850) 245-8072
Mobile: (850) 443-4626

From: Charles T Driscoll Jr [mailto:ctdrisco@syr.edu]
Sent: Thursday, May 21, 2009 7:49 PM
To: Axelrad, Don; Maureen E Hale
Cc: borem@usgs.gov; 'Gilmour, Cindy'
Subject: RE: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Don, I am pleased to be asked to participate in the mercury and sulfur workshop. I have been reading many of the Everglades mercury and sulfur reports in my capacity as a member of the NRC Everglades restoration committee. This is a great opportunity to hear first hand the most recent work and thinking. I am happy to give a talk, but I have never worked in the Everglades. You may not want to waste time on the agenda with me. We are doing some work on sulfur, mercury and nitrate interactions in a lake in New York that may be of interest. Cindy is familiar with this work and can speak to it. We have also done a fair amount of work on mercury in the Adirondacks. I will leave it up to you if you want me to speak on a subject that would be somewhat off topic. If it is helpful to talk let me know. I am in all next week.
Cheers,
Charley Driscoll

From: Axelrad, Don [mailto:Don.Axelrad@dep.state.fl.us]
Sent: Thursday, May 21, 2009 5:52 PM
To: Maureen E Hale
Cc: borem@usgs.gov; Charles T Driscoll Jr
Subject: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Maureen,

Yes, you can reserve a rental car for Charlie Driscoll for travel from Key Largo to WPB FL (on June 10); and, make a reservation for a flight from WPB Florida to Syracuse (on June 12);
USGS will cover costs of his travel re the "Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands".
I provided an estimate of Charlie's travel costs to USGS three Emails down, and this was acceptable.

As discussed, if feasible, we'd like Charlie to present a 20-30 minute seminar preferably on sulfur effects on mercury methylation; and to participate in workshop discussions and assist with putting together workshop closing remarks (with Leon Lamers and Irv Mendelssohn, our other external scientists). I'd be happy to discuss that with Charlie.

Immediately below is an Email re hotel arrangements.
Though the stated price ($111/night) was guaranteed only until May 8, I'll bet you can reason with them!

Draft meeting agenda attached.

Don Axelrad

Donald M. Axelrad, Ph.D.
Florida Department of Environmental Protection
2600 Blair Stone Road, MS-6511
Tallahassee, FL 32399-2400

Office: (850) 245-8072
Mobile: (850) 443-4626

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From: Davis, Linda
Sent: Wednesday, April 08, 2009 3:59 PM
To: William H Orem; 'Scheidt, Dan'; Krabbenhoft, Dave; Gilmour, Cynthia (gilmourc@si.edu); Axelrad, Don; Nearhoof, Frank; Kalla.Peter@epa.gov; graiken@usgs.gov
Cc: Gabriel, Mark; LaRock, Julianne; Azeredo, Debra
Subject: Sulfur Workshop, Marriott WPB info

Welcome Sulfur Workshop attendees! As a convenience, here's SFWMD and hotel info if you're interested in staying at the Marriott West Palm Beach.

Workshop: Thursday, June 11, 2009 through Friday, June 12, 2009

Location:
South Florida Water Management District
3301 Gun Club Road, B-1 3rd floor Storch Room
West Palm Beach, Florida 33406
(561-686-8800)

I've reserved a bank of 12 guest rooms (10 per Bill Orem and 2 for Drs. Mendelssohn and Lamers) at the Marriott West Palm Beach for 2 nights:
Wednesday night June 10, 2009 and Thursday night June 11, 2009.

You need to make your own hotel and/or airline reservations.

The hotel's reservation telephone # is **888-236-2427**. When you make your hotel reservation, please mention the SFWMD Sulfur Workshop in order to get the special rate of $111/night ($99/night * 11.5% tax).

Enter your check-in and check-out dates, then scroll down to Group Code box and enter **sulsula** to receive the special rate.

OR you may also register online at: West Palm Beach Marriott >>

Note: Guest rooms will be held for us at this rate **until May 8, 2009.**

Guest Rooms:
Marriott West Palm Beach
1001 Okeechobee Boulevard
West Palm Beach, Florida 33401
(561-833-1234)

The Marriott has a shuttle to/from Palm Beach International Airport. However, if you don't have access to a vehicle, you will need to arrange for taxi service or other transportation for travel from the hotel to/from District Headquarters.

Have a great workshop! Linda Davis 561-682-6205; Mark Gabriel 561-682-2820

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From: William H Orem [mailto:borem@usgs.gov]
Sent: Thursday, May 21, 2009 5:07 PM
To: Axelrad, Don
Subject: RE: Charlie Driscoll

Don:

Sounds OK.. If Charlie is up for a talk, I think that would be great. Having his input at the end would also be valuable.

Bill Orem

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From: Axelrad, Don
Sent: Thursday, May 21, 2009 4:29 PM
To: 'Gilmour, Cindy'; Bill Orem (borem@usgs.gov)
Subject: RE: Charlie Driscoll

Bill,

I spoke to Charlie Driscoll's very able assistant, Maureen Hale, and here's the plan:

Charlie will rent a car and drive from Key Largo to WPB on the afternoon of June 10.

On the 12th after the workshop he'll drop off the car at WPB airport and fly to Syracuse; he's asking USGS to pick up the ca. $250 cost of that flight.

So re costs:
2 nights of a hotel (ca. $250);
Ca. $250 for airfare;
One day one-way car rental (ca. $100); and
Per Diem (ca. $100);
Total ca. $700

Bill, is that OK?

Don Axelrad

Donald M. Axelrad, Ph.D.
Florida Department of Environmental Protection
2600 Blair Stone Road, MS-6511
Tallahassee, FL 32399-2400

Office: (850) 245-8072
Mobile: (850) 443-4626

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey. Thank you in advance for completing the survey.

From: Maureen E Hale [mailto:mehale@syr.edu]
Sent: Thursday, May 21, 2009 4:13 PM
To: Axelrad, Don
Cc: Charles T Driscoll Jr
Subject: Estimated costs for West Palm Beach

Hi Don,

As we discussed, the approximate cost of a 1-way airline ticket from West Palm Beach to Syracuse is approximately $250 as of today. Your hotel estimate was $300 for 2 days. I called the car rental agency, and the approximate cost of the car rental is about $110 if Charley were to keep the car through Friday, June 12.

I hope this provides a good estimate for you. The airline will go up as we get closer to the date, so we should probably try to get that locked in fairly quickly. Let me know how you would like me to handle making the airline reservations (through an agent or book directly online?).

Thanks Don!

Maureen

Maureen E. Hale
Administrative Assistant to Dr. Charles Driscoll
Syracuse University
151 Link Hall
Syracuse, NY 13244
315-443-4443 (phone)

315-443-1243 (fax)
mehale@syr.edu

From: Gilmour, Cindy [mailto:gilmourc@si.edu]
Sent: Thursday, May 21, 2009 2:04 PM
To: Charles T Driscoll Jr
Cc: Axelrad, Don; borem@usgs.gov
Subject: RE: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Charley, that's wonderful. I will pass your email on to Don Axelrad for him to answer the logistics/review questions.

See you Monday. I should be at AGU by about lunchtime. I am flying to Toronto Mon am… so hope no delays. I will email the talk to AGU ahead of time so I don't have to scramble to upload it Monday. 15 min is pretty quick to get thru METAALICUS… I will focus on the big picture, plus what's happened since we stopped loading in 20007.

Cindy

From: Charles T Driscoll Jr [mailto:ctdrisco@syr.edu]
Sent: Thursday, May 21, 2009 1:48 PM
To: Gilmour, Cindy
Cc: Maureen E Hale
Subject: RE: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Cindy, I hope all is well. I apologize for the delay in responding. I did receive your email but I have been traveling and running a workshop so it have been difficult to respond. If the offer still stands I would love to participate. I will be in FL (key Largo) on the days up to your meeting at the NRC everglades meeting. If it is OK I would fly to Miami and go to Key Largo (one- way ticket). I would rent a car and drive to West Palm to your meeting on Wednesday afternoon and fly out of West Palm on Friday. So the SFWMD would need to pay for the rental, hotel, and one way ticket.

What do I need to do as a reviewer? Can I fly out when the meeting ends, 3:15? Does this sound OK?

From: Gilmour, Cindy [mailto:gilmourc@si.edu]
Sent: Monday, May 18, 2009 4:57 PM
To: Charles T Driscoll Jr
Subject: FW: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Charley – did you get this email from me early last week?

We would still be interested in have you serve as an external reviewer at this meeting if you have time and interest – Cindy

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From: Gilmour, Cindy
Sent: Tuesday, May 12, 2009 3:53 PM
To: Charles Driscoll (ctdrisco@syr.edu)
Subject: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Charley–

On June 11 and 12 the South Florida Water Management District and USGS will be holding a workshop on sulfur in the Everglades.

This is the second of these workshops, which were prompted by data from a number of research groups on negative impacts of sulfate loads to the ecosystem. Don Axelrad at FL DEP has been the main instigator. As you are well aware, there are a number of issues with excess SO4 loads to freshwater system– the MeHg/S relationship (the key here is defining how much SO4 reduction is needed to significantly reduce MeHg); the S/nutrient retention issue, which is really just emerging for this group; and the issue of sulfide toxicity to plants.

We are looking for outside experts to provide input on the science and monitoring data presented at this workshop. A number of groups will be presenting new and newly synthesized data (including ACME). SFWMD has recently funded an Ag-related group (Tom DeBusk et al.) to examine nutrient release/retention in relation to SO4 load, and some of that work may be presented (although I think it's more likely he will just present his proposed study design). Mark Gabriel from SFWMD will be presenting a first cut at a S budget for the Everglades.

I brought your name up as someone who knows his stuff, works in the field, knows the Everglades thru the NRC review group and has a really interesting SO4/MeHg story (Onondaga). Leon Lamers and Irv Mendelssohn have already agreed to attend as outside experts, although Irv has worked with us in the 'glades.

Don Axelrad agreed with my suggestion and asked me to extend an invitation to you. Your travel costs would be covered and there is a possibility that your time could be reimbursed as well. The meeting starts in the am on Th the 11th and runs thru noon on Fri 12th; so you would probably need to travel down Wed, and commit 2 ½ days to this. If possible, it would great it you could provide a relatively short presentation on the Onondaga SO4 story.

I understand this is short notice, but hope you can at least consider the invitation. Maybe you can use this as an excuse to take a quick family vacation to South Florida…?

Let me know, and if you can attend, I will connect you with Don Axelrad to set up the logistics.

Thanks for considering this – Cindy

From: Gabriel, Mark [mailto:mgabriel@sfwmd.gov]
Sent: Monday, April 20, 2009 9:27 AM
To: alwr@ufl.edu; aogram@ufl.edu; azureainc@aol.com; borem@usgs.gov; cai@fiu.edu; dan_kimball@nps.gov; denise.miller@dep.state.fl.us; don.axelrad@dep.state.fl.us; dpkrabbe@usgs.gov; Dreschel, Thomas; drumbold@fgcu.edu; fishboy69@mac.com; frank.nearhoof@dep.state.fl.us; Gilmour, Cindy; Gu, Binhe; Guodong@ufl.edu; Hagerthey, Scot; imendel@lsu.edu; joffre_castro@nps.gov; kalla.peter@epa.gov; krr@ufl.edu; liug@fiu.edu; Newman, Susan; nick_aumen@nps.gov; pcf@mail.ifas.ufl.edu; ronnie_best@usgs.gov; Rudnick, David; russel.frydenborg@dep.state.fl.us; scheidt.dan@epa.gov; scintol@fiu.edu; sdaroub@ufl.edu; ted.lange@myfwc.com; vbierman@limno.com; woody@dbenv.com
Subject: REMINDER: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Dear Colleagues:

This is a reminder for attendees who will be presenting at the *Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands*, June 11 and 12, 2009, to **submit your presentation title and estimated time length to me by April 20, 2009.** We encourage participants to limit presentations to 20 minutes.

Thank you,

Mark Gabriel, Ph.D.
Lead Environmental Scientist
Environmental Resource Assessment Department
South Florida Water Management District
3301 Gun Club Road, West Palm Beach, FL 33406
561.682.2820
mgabriel@sfwmd.gov

From: Gabriel, Mark
Sent: Tuesday, March 24, 2009 4:04 PM
To: 'alwr@ufl.edu'; 'aogram@ufl.edu'; 'azureainc@aol.com'; 'borem@usgs.gov'; 'cai@fiu.edu'; 'dan_kimball@nps.gov'; 'denise.miller@dep.state.fl.us'; 'don.axelrad@dep.state.fl.us'; 'dpkrabbe@usgs.gov'; Dreschel, Thomas; 'drumbold@fgcu.edu'; 'fishboy69@mac.com'; 'frank.nearhoof@dep.state.fl.us'; 'gilmourc@si.edu'; Gu, Binhe; 'Guodong@UFL.edu'; Hagerthey, Scot; 'imendel@lsu.edu '; 'joffre_castro@nps.gov'; 'kalla.peter@epa.gov'; 'krr@ufl.edu'; 'liug@fiu.edu'; Newman, Susan; 'nick_aumen@nps.gov'; 'pcf@mail.ifas.ufl.edu '; 'ronnie_best@usgs.gov'; Rudnick, David; 'russel.frydenborg@dep.state.fl.us'; 'scheidt.dan@epa.gov'; 'scintol@fiu.edu'; 'sdaroub@ufl.edu'; 'ted.lange@myfwc.com'; 'vbierman@limno.com'; 'woody@dbenv.com'
Subject: Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands

Dear Colleagues:

We would like to bring to your attention the upcoming *Second Annual Workshop on Mercury and Sulfur in South Florida Wetlands*, June 11 and 12, 2009. This meeting is jointly organized by the South Florida Water Management District (SFWMD), the U.S. Geological Survey (USGS) and the Florida Department of Environmental Protection (FDEP). The venue for this workshop will be at SFWMD Headquarters, 3301 Gun Club Road, West Palm Beach, FL 33406.

We are sending this message to invite your participation and contribution to this workshop. If you plan to attend, please RSVP to Mark Gabriel by April 20, 2009. **See the attached agenda for details.**

Please feel free to distribute this agenda to your colleagues and co-researchers who may be interested in this topic.

Thank you for your attention and support.

Best regards.

Mark Gabriel, Ph.D.
Lead Environmental Scientist
Environmental Resource Assessment Department
South Florida Water Management District
3301 Gun Club Road, West Palm Beach, FL 33406
561.682.2820
mgabriel@sfwmd.gov