From: Axelrad, Don
To: Gilmour, Cindy
Subject: RE: ACME database
Date: Thursday, April 02, 2009 7:53:32 PM

Cindy,

Thanks, and enjoy Mexico!

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

==========

-----Original Message-----
From: Gilmour, Cindy [mailto:gilmourc@si.edu]
Sent: Thursday, April 02, 2009 7:45 PM
To: Axelrad, Don
Cc: David Krabbenhoft; William H Orem; George R Aiken
Subject: ACME database

Don -
Attached is the current version of the ACME database that we are constructing. Once unzipped, you will hopefully find an ACCESS file (ACCESS 2003 format).

As of today, I have almost of the 1995-1998 data in here; and some of the newer stuff, but am still working on clean up of the 2000-2007 data sets (that's where all the work is). There are about 8000 records in the DB so far!

What I've put together so far is a pretty simple ACCESS file - the cleanly formatted and compiled data in one big table, and a second linked table with site information in it. We will put a user-friendly front end on it once the data are all complete. Info on DLs is in the main data table.

I am leaving on vacation tomorrow and will be out of touch for a week (diving in Mexico with my kids). Will keep at this as soon as I get back. Thanks for your patience - Cindy

-----Original Message-----
From: Gilmour, Cindy [mailto:gilmourc@si.edu]
Sent: Wednesday, March 25, 2009 2:27 PM
To: Axelrad, Don
Subject: RE: Remediation of methylmercury (MeHg) with polysulfides in Florida
waters

Argh.... I guess so. I am hiding at home today knocking out another piece of
the database.
Does he want to do this today? I get the impression from his email that this

might be more than a 10 min call.

He can call me cell if he want to talk briefly today 410-610-7717.

From: Axelrad, Don [mailto:Don.Axelrad@dep.state.fl.us]
Sent: Wed 3/25/2009 1:15 PM
To: Gilmour, Cindy
Subject: FW: Remediation of methylmercury (MeHg) with polysulfides in Florida
waters

Cindy,

Can you afford to spend 10 minutes getting Mr. Rowzee on the right path -
which may be "forget about MeHg remediation via polysulfides"?

I hate to see him waste his and NOAA's time.....

I will not give him your contact details without your approval.

Don

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 <http://survey.dep.state.fl.us/?refemail=Don.Axelrad@dep.state.fl.us> . Thank
you in advance for completing the survey.

From: Axelrad, Don
Sent: Wednesday, March 25, 2009 1:08 PM
To: Joyner, Daryll
Cc: Frydenborg, Russel; Miller, Denise
Subject: RE: Remediation of methylmercury (MeHg) with polysulfides in Florida

waters

Daryll,

See draft 2 attached.

Mr. Rowzee is a nice guy and I hate to rain on his parade, but he really ought to talk to Cindy Gilmour (new bullet point 15) to get a reality check
on his ideas re methylmercury remediation, and perhaps come up with new ideas.

My money is still on our mercury TMDLs.....

Don

_____

From: Joyner, Daryll
Sent: Wednesday, March 25, 2009 12:56 PM
To: Axelrad, Don
Cc: Frydenborg, Russel; Miller, Denise
Subject: RE: Remediation of methylmercury (MeHg) with polysulfides in Florida
waters

Don,

This looks good and no edits are needed for this memo to me. I'm not sure
whether Mimi wants a formal response to Mr. Rowzee, but I'm going to forward
your e-mail to Jerry with the following synopsis:

Jerry,

Don contacted Mr. Rowzee and reviewed some documents he mentioned, and Don
concluded that the feasibility of methylmercury remediation of coastal waters
or lakes via application of polysulfides is sufficiently questionable that we

should not submit a letter to the NOAA Restoration Program grants office supporting the project. Some of the reasons for this conclusion include:

1) Application of these polysulfides to aerated surface waters would oxidize
them and prevent polysulfides from reaching sediments where mercury methylation occurs.

2) Depending on water and sediment porewater chemistry, sulfur addition could
either promote or repress mercury methylation.

3) Even if such a method of remediation was effective, the frequency of treatment (polysulfide) application is unknown, and effective polysulfide
application rate is unknown.

4) Sulfur addition to freshwaters could be detrimental

5) The effect of polysulfides on aquatic and marine life is unknown.

Let us know if you would like us to prepare a formal response to Mr. Rowzee.

Daryll

From: Axelrad, Don
Sent: Tuesday, March 24, 2009 7:53 PM
To: Joyner, Daryll
Cc: Frydenborg, Russel; Miller, Denise
Subject: Remediation of methylmercury (MeHg) with polysulfides in Florida
waters

Daryll, Russ, Denise,

See attached; edits please.

Don

Office: (850) 245-8072

Mobile: (850) 443-4626